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Department of Geology and Mineral Industries
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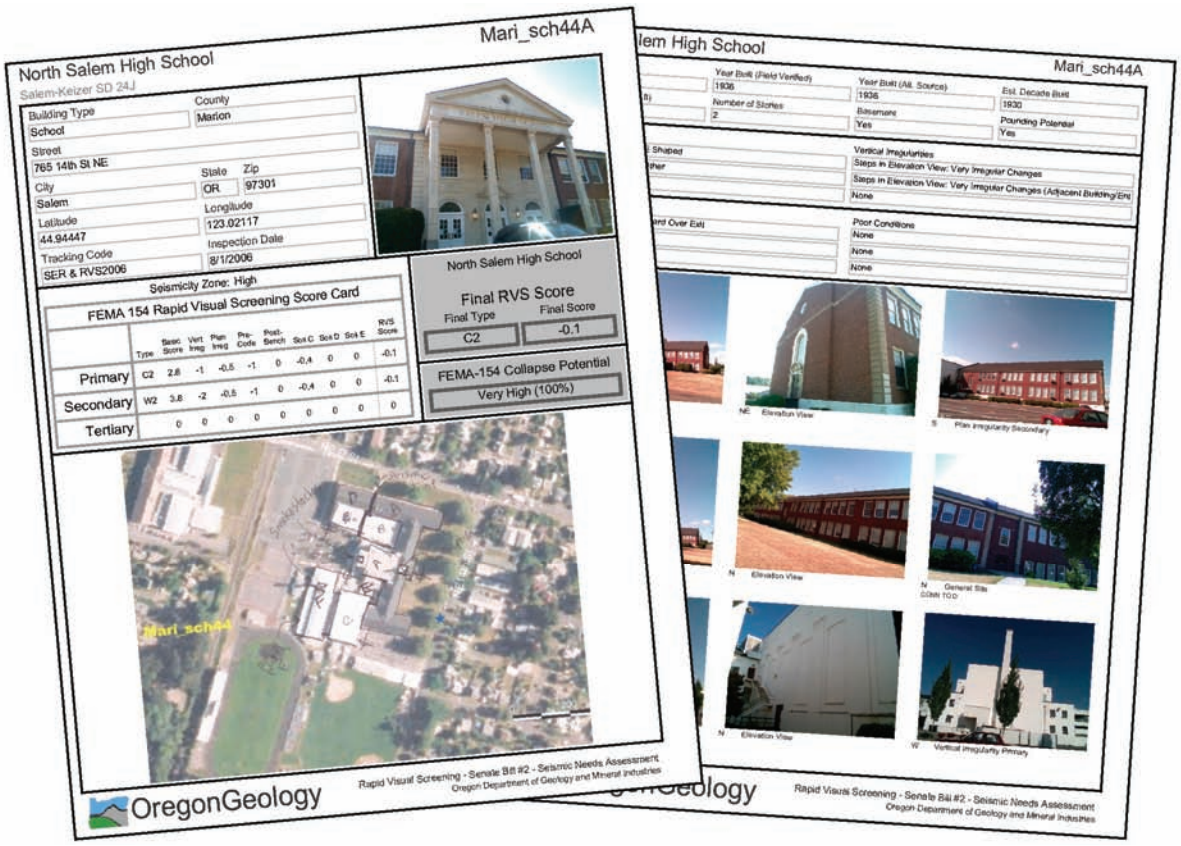
STATEWIDE SEISMIC NEEDS ASSESSMENT: IMPLEMENTATION OF OREGON 2005 SENATE BILL 2 RELATING TO PUBLIC SAFETY, EARTHQUAKES, AND SEISMIC REHABILITATION OF PUBLIC BUILDINGS

REPORT TO THE SEVENTY-FOURTH OREGON LEGISLATIVE ASSEMBLY



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EXECUTIVE SUMMARY

This report summarizes the Oregon Department of Geology and Mineral Industries' work on the statewide seismic needs assessment of Oregon education and emergency services buildings, as directed by the 73rd Legislative Assembly (Senate Bill 2, 2005).

This assessment is but one step in the multi-decade process aimed at improving the life safety of Oregonians from the risks associated with earthquakes. The awareness of earthquake hazards in Oregon increased significantly as geologic evidence of "Great Earthquakes" along the Cascadia Subduction Zone was uncovered beginning in 1986. DOGAMI began mapping earthquake hazards in the Portland area in 1987.

Today, the statewide building code and engineering design take into account the significant lateral forces generated by the *ground motions* associated with earthquakes. Most damage during an earthquake is caused by ground motion. However, buildings constructed in Oregon prior to the 1990s were built to lower seismic standards and are especially at risk of collapse and other forms of structural failure during an earthquake.

An integral piece of this assessment makes use of a federal technique known as FEMA 154, the rapid visual screening (RVS) of buildings for potential seismic hazards, to identify, inventory, and rank buildings that are potentially seismically hazardous.

The inventory and estimated replacement cost of the building stock that form the basis of this assessment includes 3,352 buildings. The public schools assessed represent 97% of the total enrollment for the 2005-06 academic year. Excluding hospitals, the estimated replacement value of this building stock totals approximately $11.5 billion, led by the K-12 schools at 85%, community colleges 8%, fire 5%, and police 2%.

	Districts	Schools*	Buildings*
Educational Facilities:			
K-12 Public School Districts & Education Service Districts	170	1101	2185
Community College Districts	17	179	184
Sum Education	***187***	***1280***	***2369***
Emergency Facilities:			
City Districts (Police and Fire Departments)	143		327
Rural Fire Protection Districts	191		440
County Sheriff Offices	34		73
Oregon State Police	1		26
Port of Portland	1		1
Acute Care Hospitals	58		116
Sum Emergency	***428***		***983***
		SUM ALL:	***3352***

**There are 179 community college buildings and 184 "building entities" at the 17 campuses.*

After developing the building inventory spatial database, including mapping the physical locations of every site and their seismicity regions, DOGAMI contracted with experienced parties at the three major Oregon universities to collect the FEMA 154 field data. The key field data relate to the structural types and characteristics of each building. To ensure consistent data collection, DOGAMI developed a portable digital data entry system and rules for making key determinations in the field; the system included an integrated digital photo camera to record the visual evidence. All relevant Geographic Information System (GIS) data will be available for interested parties in various formats on CD-ROM and via the Agency's web page by June 30, 2007. An interactive website containing the complete report, building scores, and background information is now online at http://www.oregongeology.com.

The five key parameters that determine the relative seismic risk of a building are the:

1. **Seismic Zone** (how hard the ground is expected to shake in a given area),
2. **Building Structural Type** (wood frame, reinforced masonry, steel frame, etc.),
3. **Building Irregularities** (the shape of the building),
4. **Original Construction Date**, and
5. **Soil Type** (softer soils amplify the severity of ground motion).

The FEMA 154 technique results in a score ranging from 0.0 to 6.8 (negative scores are possible, but these effectively translate to a score of 0.0). This score is particularly useful to characterize the relative seismic risk within the universe of buildings being considered, but it is not an absolute measure for any one building of where and how structural failure will occur.

The score relates to the probability that the building will collapse if ground motions occur that are equal to or exceed the *maximum considered earthquake* at that location. The maximum considered earthquake is defined as the maximum event considered likely in a reasonable amount of time. The maximum considered earthquake for any location is determined by the United States Geological Survey's (USGS) work, most recently updated in 2002. This information can be found online at: http://earthquake.usgs.gov/research/hazmaps/.

A RVS score of 2.0 implies there is a chance of 1 in 10^2, or 1 in 100, that the building will collapse. A score of 0.0 implies a chance of 1 in 10^0, or 1 in 1. FEMA recommends that all buildings with a score of 2.0 or less should be considered to have inadequate performance during the anticipated maximum seismic event. DOGAMI has refined the relative rank of the RVS scores into four categories: Very High, High, Moderate, and Low seismic risk, or *collapse potential*.

The score and ranking results for the buildings in Oregon assessed by this project are:

Summary of Seismic Risk for all Qualifying Sites & Buildings			***Score:***	**<0.0**	**0.1-1.0**	**1.1-2.0**	**>2.0**
	# of	# of	# of	**FEMA 154-Based Collapse Potential**			
Seismic Needs Assessment District	Districts	Schools	Buildings	Very High	High	Moderate	Low
Education:							
K12 Public School Districts & ESD	170	1101	2185	273	745	501	666
Community College Districts	17	179	184	20	73	33	58
Sum Education	***187***	***1280***	***2369***	***293***	***818***	***534***	***724***
Emergency:							
City Districts (Police & Fire Departments)	143		327	26	78	75	148
Rural Fire Protection Districts	191		440	13	62	62	303
County Sheriff's Offices	34		73	5	24	18	26
Oregon State Police	1		26	0	5	4	17
Port of Portland	1		1	0	0	0	1
Acute Care Hospitals	58		116	10	26	10	70
Sum Emergency	***428***		***983***	***54***	***195***	***169***	***565***
		SUM ALL:	***3352***	***347***	***1013***	***703***	***1289***
				10%	*30%*	*21%*	*38%*

It is important to note that these *probability of collapse* estimates are based upon limited observed and analytical data, and the probability of collapse ranking is therefore approximate. The score and ranking in this report – Very High, High, Moderate, and Low – is related to the likelihood or probability of a building sustaining major life threatening damage, given the occurrence of an earthquake. Different building construction types react in different ways to earthquake shaking, and this does not necessarily mean the complete collapse of a building. More detailed structural investigation by qualified and experienced engineers is required to fully assess the seismic risks and rehabilitation issues of any one building.

The age, structural types, and predominant physical irregularities of school buildings result in a relatively high proportion of schools with estimated Very High relative seismic risk. By comparison, Emergency facilities in the Very High category are lower in number and proportion. Hospitals benefit from a still-in-progress boom in new construction that incorporates the latest seismic design standards.

The 274 K-12 school buildings in the Very High category represent portions of 193 schools that contain 14.5% of the statewide enrolled student population. This estimate is likely high, due to incomplete data as to which schools have already taken action to remedy the structural design flaws in their buildings. Many school districts have taken such action, and some of their work has been captured in this report and data set.

As directed in Senate Bill 2 (2005), DOGAMI also developed a variety of statistical methods to assist the Seismic Rehabilitation Grant Committee rank the relative need of school districts in particular. These recommended methods use federal and state data to rank the relative absence and presence of fiscal need.

DOGAMI also reviewed the relative risk of tsunami inundation at 150 sites along the Oregon coast; 48 sites have moderate to high seismic risk, and another 81 sites have lower tsunami inundation risk.

Oregon has relatively high seismic risk, yet the time interval between major subduction zone earthquake events is large, in human terms. The USGS predicts a 15% chance of a Cascadia Subduction Zone earthquake in the next 50 years. For reference, they also predict a 62% chance of a major earthquake in the San Francisco bay region in the next 25 years. This suggests that Oregonians have a manageable amount of time available to mitigate this risk over the next few decades.

Finally, DOGAMI makes these recommendations:

Recommendations to the Seismic Rehabilitation Grant Committee

The scoring data and needs analysis from this report should be the starting point for developing the grant program. Very High Risk and High Risk facilities should be prioritized for consideration for rehabilitation. Acute care hospitals within community health service districts should be considered eligible for the grants. Community-based acute care hospitals should also be considered eligible for the grant program. The importance of individual buildings to the community needs, as outlined as part of the ranking process in Senate Bill 2 (2005), needs further clarification.

Recommendations for Districts

DOGAMI recommends districts with buildings labeled as having High and Very High relative seismic risk of collapse during a seismic event to consider hiring a structural engineering consultant to more thoroughly evaluate the seismic issues with their buildings. Please note that this FEMA 154 rapid visual screening technique can both overestimate and underestimate relative seismic risk.

Recommendations for Fiscal Decision Makers

DOGAMI recommends that voters, community representatives, government administrators, and elected officials carefully consider both the costs and benefits associated with seismic risk mitigation, rehabilitation, and community asset replacement. Many districts in Oregon have traveled down this path already and will have valuable hard-won experience to share. The public school seismic rehabilitation program in British Columbia may also provide valuable lessons.

Note about Site and Building Data
Data gathered and used to calculate RVS final scores and links to site summary reports are available in these supplemental files:

- SSNA-all-data.xls
- SSNA-abridged-data.xls (also available as a PDF)

Definitions, criteria, and methodology are available in these appendices:

- Appendix I. Spreadsheet and Site Summary Report Data Field Definitions
- Appendix J. Building Irregularity Matrix
- Appendix K. Rapid Visual Screening Protocol Handbook
- Appendix L. FEMA 154, 2002 edition, *Rapid Visual Screening of Buildings for Potential Seismic Hazards, A Handbook*

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1.0. INTRODUCTION

This report summarizes the Agency's work on the statewide seismic needs assessment of Oregon public education and emergency services buildings, as directed by the legislative assembly in 2005.

This assessment is one step in a process aimed at improving the life safety of Oregonians from the risks associated with earthquakes. The awareness of earthquake hazards in Oregon increased significantly as the United States Geological Survey commenced detailed investigations into the field evidence of "Great Earthquakes" in the geological record along the Pacific Northwest coast, commencing in 1986. DOGAMI also began mapping earthquake hazards in the Portland area in 1987.

Work by the USGS, and many others, has pieced together very compelling evidence that the Cascadia Subduction Zone has ruptured 13 times during the past 7,600 years, most recently at 9pm, local time, on Tuesday, January 26, 1700. In addition, shallow earthquakes in the Scott Mills and Klamath Falls areas during 1993 remind us all that it is not just the risks of "the big one" that we need to mitigate.

Today, the statewide building code and engineering design take into account the significant lateral forces associated with earthquakes. However, buildings constructed in Oregon prior to the 1990's were built to lower standards and are especially at risk of collapse and other forms of structural failure during an earthquake.

An integral piece of this assessment makes use of a federal technique known as FEMA 154 (Appendix L), the rapid visual screening of buildings for potential seismic hazards, to identify, inventory, and rank buildings that are potentially seismically hazardous. Five key parameters determine the relative seismic risk of a building:

1. **Seismicity Zone** at that location (how hard the ground is expected to shake during the maximum considered earthquake)
2. **Building Structural Type** being considered (one or more of 15 different combinations of buildings constructed from wood, steel, concrete and masonry using moment frame, shear wall or bracing lateral force-resisting systems)
3. **Building Irregularities** a building may have (especially tall, oddly shaped, or built on sloped ground)
4. **Original Construction Date** (as opposed to expansion or modification, although seismic rehabilitation work is noted), and
5. **Soil Type** (softer soils cannot transmit seismic shear waves as efficiently as rock, so the amplitude, or size, of the shear waves and ground motion will increase)

This screening technique is particularly useful to characterize the relative seismic risk within the universe of buildings being considered, but it is not an absolute measure for any one building of where and how structural failure will occur. That requires a full structural analysis. The FEMA 154 results are reported as a probability that the building will collapse if ground motions occur that are equal to or exceed the maximum considered earthquake. These estimates are based upon limited observed and analytical data, and the probability of collapse is therefore approximate. A score of 2.0 implies there is a chance of 1 in 10^2, or 1 in 100, that the building will collapse.

A score of 0.0 implies a chance of 1 in 10^0, or 1 in 1. It is important to recognize that this estimate does not directly indicate that catastrophic building collapse will definitively occur. Different building types of varying vintage, shape and design will fail in different ways. More detailed structural investigation by qualified and experienced engineers is required to fully assess the seismic risks and rehabilitation issues of any one building.

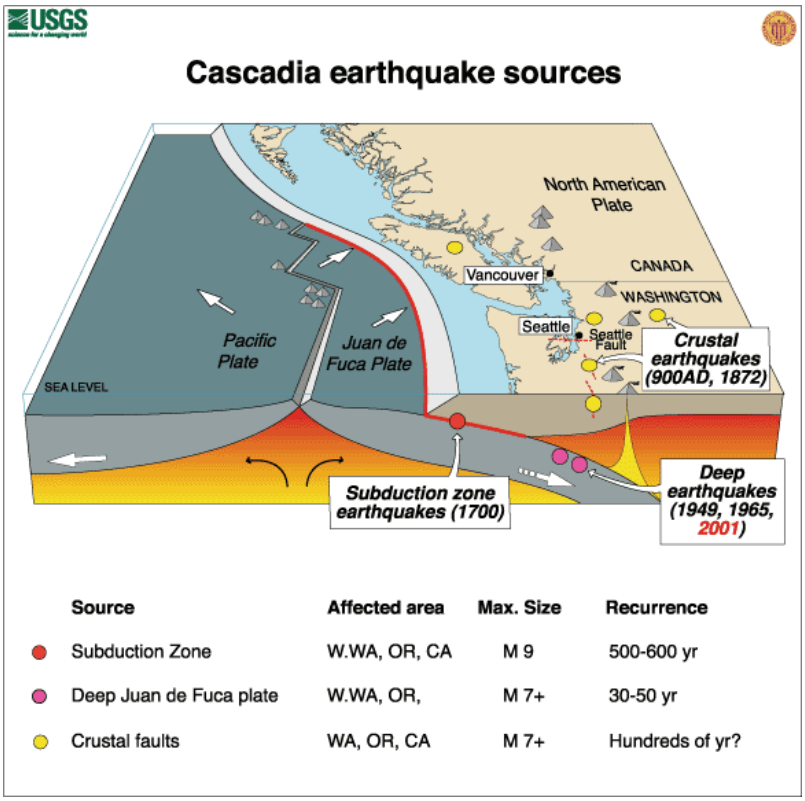
Many districts in Oregon are well along in this process, and their data will exceed the accuracy of this assessment.

1.1. Earthquake Geology of Oregon

The constant motion of the earth's tectonic plates cause three different earthquake sources that threaten communities in Oregon (Figure 1).

Crustal Earthquakes occur along faults at shallow depths of 6-12 miles below the surface. The two largest earthquakes in recent years in Oregon, Scotts Mills (magnitude 5.6) and the Klamath Falls (magnitude 6.0) of 1993 were crustal earthquakes. The 1994 Northridge earthquake (magnitude 6.7) in southern California was a crustal earthquake.

Subduction Zone Earthquakes occur around the world where the tectonic plates that make up the surface of the earth collide. When these plates collide, one plate is forced under the other, where it is re-absorbed into the mantle of the earth and ultimately causes volcanic activity at the surface, such as along the Cascades range. This dipping interface between the two plates is the site of some of the most powerful earthquakes ever recorded. The 1960 Chilean (magnitude 9.5), 1964 Alaska (magnitude 9.2), and 2004 Sumatra (magnitude 9.1) earthquakes were of this type. These earthquakes occur at intervals of about 300 to 1,000 years along the Cascadia Subduction Zone, situated immediately off the Oregon coast.



Source	Affected area	Max. Size	Recurrence
Subduction Zone	W.WA, OR, CA	M 9	500-600 yr
Deep Juan de Fuca plate	W.WA, OR,	M 7+	30-50 yr
Crustal faults	WA, OR, CA	M 7+	Hundreds of yr?

Figure 1. Types of earthquakes that affect Oregon (U.S. Geological Survey).

Deep Intraplate Earthquakes occur within the remains of the ocean floor that is being subducted beneath North America at depths of 25-37 miles. Intraplate earthquakes caused damage in the Puget Sound region in 1949, in 1965, and on February 28, 2001, near Nisqually (magnitude 6.8).

A primary reason earthquakes of similar magnitude can cause highly varied damage on the earth's surface is the varying depths at which earthquakes originate.

For example, the Northridge and Nisqually earthquakes were of very similar magnitude, but Northridge occurred at a much shallower depth that resulted in far greater damage to structures (Figure 2).

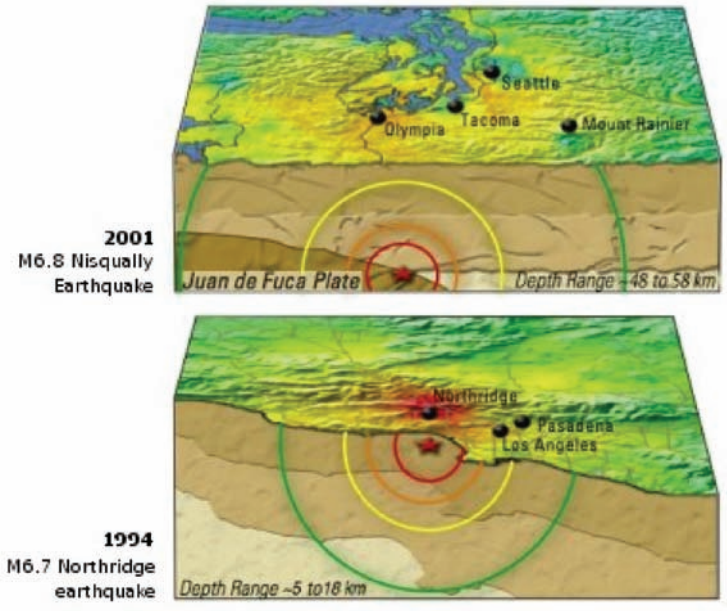


Figure 2. The 2001 Nisqually (M6.8) and 1994 Northridge (M6.7) earthquakes provide an interesting example of how distance from an earthquake affects the level of shaking experienced. Even though the Nisqually earthquake was slightly larger than the Northridge earthquake on the magnitude scale, the resulting damage was far less. One reason is that the section of the fault that moved was much deeper than the fault that moved in the Northridge earthquake. Therefore every house was at least 50 km (30 miles) away from the fault. (http://www.earthquakecountry.info).

1.2. Seismic Hazard in Oregon

The U.S. Geological Survey (USGS) provides seismic hazard assessments. USGS National Hazard Maps show the distribution of earthquake shaking levels that have a certain probability of occurring in the United States (Figure 3). These hazard maps provide the most accurate and detailed information possible to assist engineers in designing buildings, bridges, highways, and utilities that will withstand shaking from earthquakes in the United States. These maps are used to create and update the building codes that are now used by more than 20,000 cities, counties, and local governments, including Oregon, to help establish construction requirements necessary to preserve public safety.

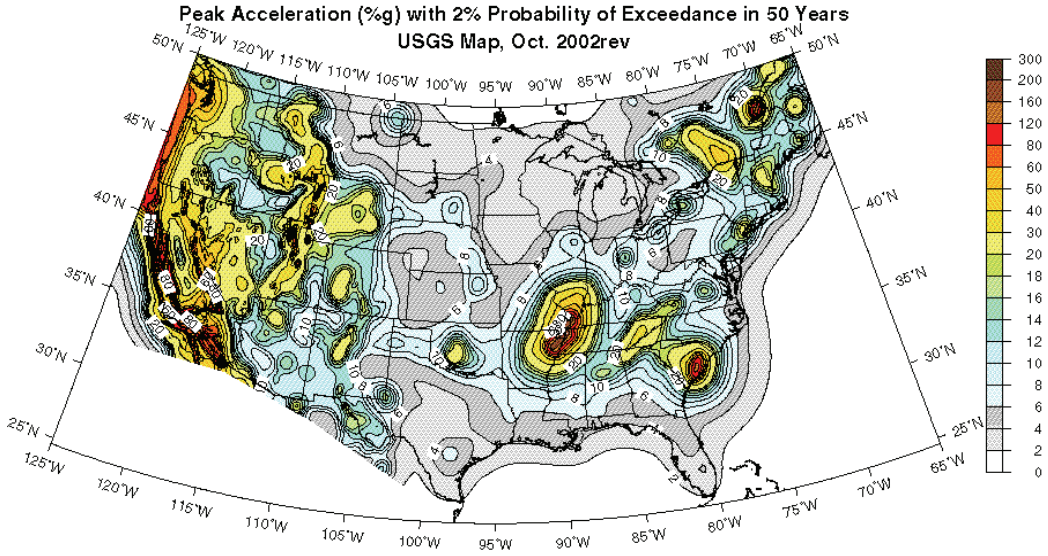


Figure 3. National Hazard Map shows the probability of earthquake shaking. Blue indicates lowest probability, and brown indicates highest probability (USGS).

The detailed view of Oregon (Figure 4) illustrates the ground motion due to the maximum considered earthquakes predicted to occur within a 2,500 year period. *[Note: the reason peak acceleration as a percent of gravity is mapped is that the resultant force on an object is equal to its mass times acceleration; objects need to withstand both vertical and horizontal forces; earthquakes and wind storms are the main sources of lateral forces to be resisted.]*

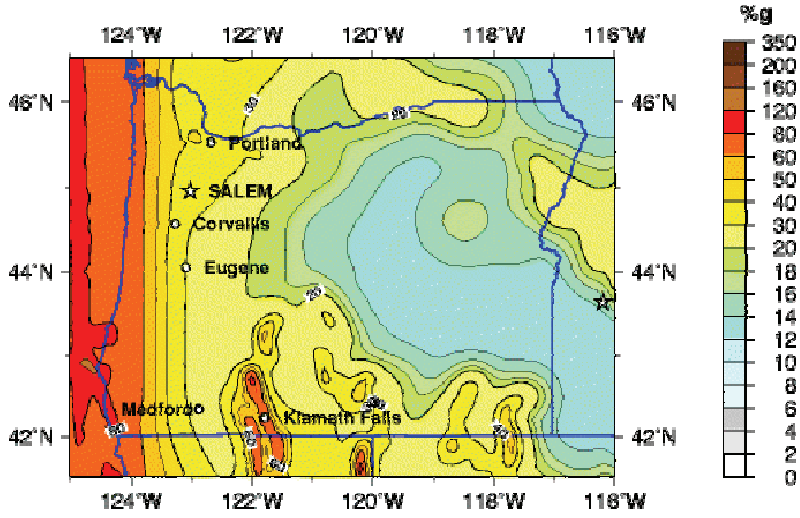


Figure 4. Detail of USGS hazard map from Figure 3 showing probability of ground shaking in Oregon due to seismic activity (USGS).

It is important to note that the hazard map (Figure 4) portrays anticipated acceleration in bedrock. Various soil types have characteristics that can amplify ground motion. Passing from rock to soil, seismic waves slow down but get bigger. Hence a soft, loose soil may shake more intensely than hard rock at the same distance from the same earthquake. For example, shaking from an earthquake in Southern California can be 5 or more times greater at a site in the Los Angeles basin than the level of shaking in the nearby mountains (Figure 5).

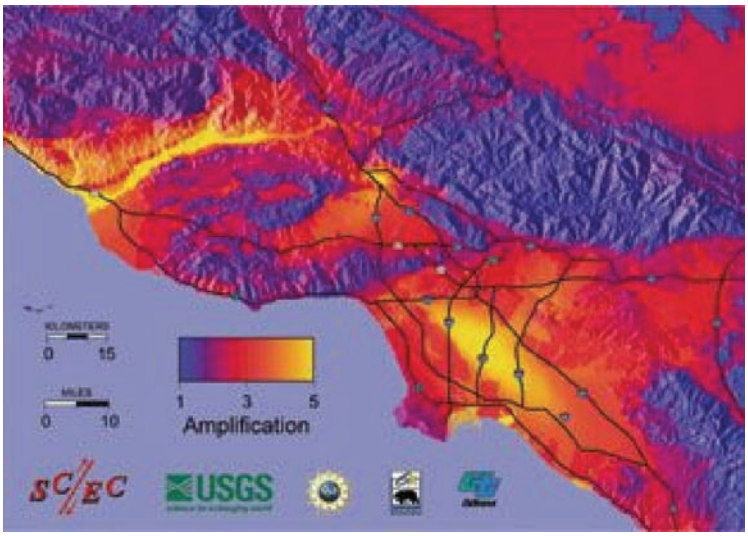


Figure 5. Earthquake ground motion amplification in southern California. Shaking was much greater on landfill or soft soil (USGS).

An extreme example of this for this type of amplification was in the Marina district of San Francisco during the 1989 Loma Prieta earthquake. That earthquake was 60 miles south of San Francisco. Most of the Bay Area escaped serious damage. However, some sites in the Bay Area on landfill or soft soil experienced significant shaking and damage. This amplified shaking was one of the reasons for the collapse of the elevated Nimitz freeway in Oakland. Ground motion at these sites was more than 10 times stronger than at neighboring sites on rock.

In Oregon a similar situation exists. In the Portland-Beaverton metro area, in the Willamette Valley, along the coast, and in south-central Oregon a variety of soils affect seismic wave amplification (Figure 6). The manner in which we captured this critical soil-type determination is described in section 3.3.

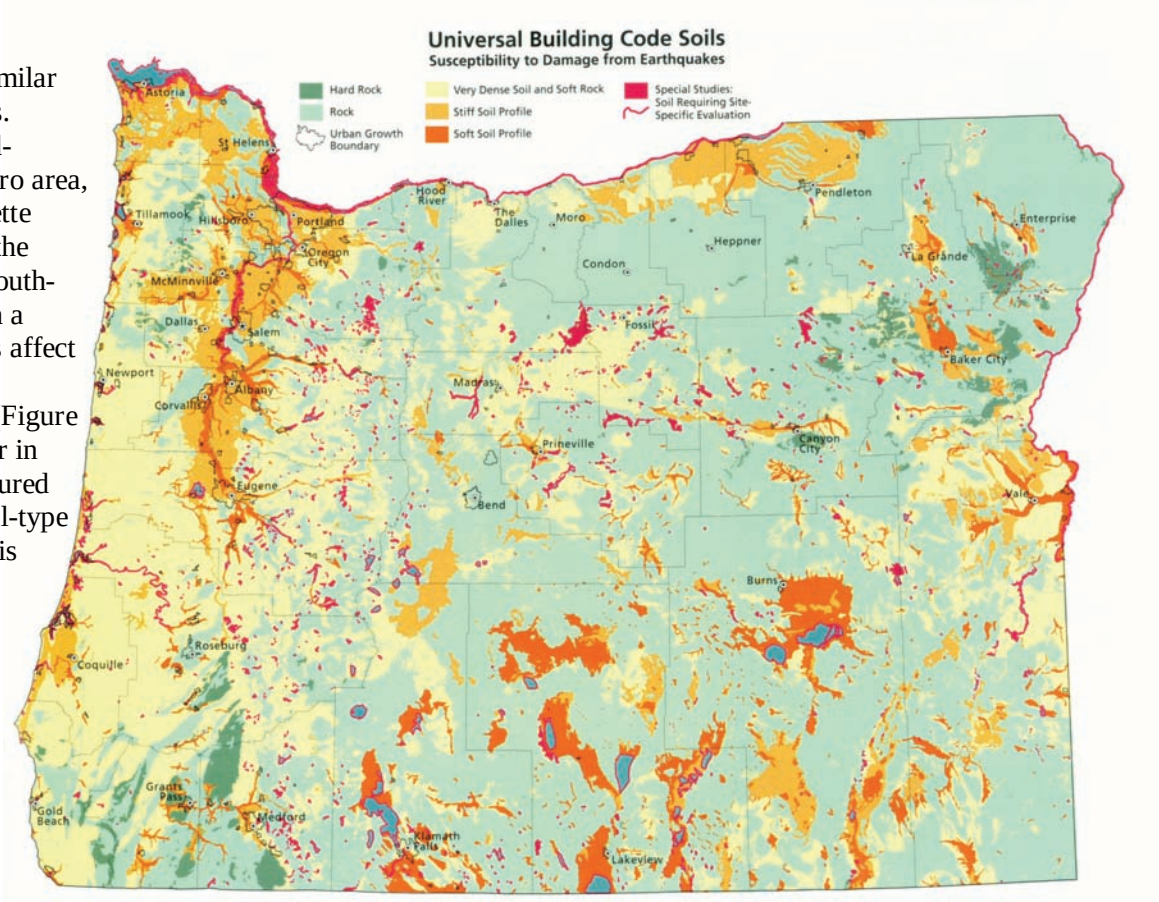


Figure 6. Universal Building Code soil types in Oregon (DOGAMI).

1.3. Scope of Earthquake Hazard and Anticipated Monetary Losses in Oregon

To understand potential losses from future disasters, the Federal Emergency Management Agency (FEMA) developed a software program called HAZUS.

This program combines information about expected shaking, building types and locations, population, and other factors to calculate the severity of damage that an earthquake may cause as well as resulting costs.

Figure 7 shows expected losses each year for counties in the United States, averaged over many years. The expected annual loss due to earthquakes totals $5.3 billion, with 77% of the total forecast for the west coast.

Oregon has several counties in the highest expected loss category.

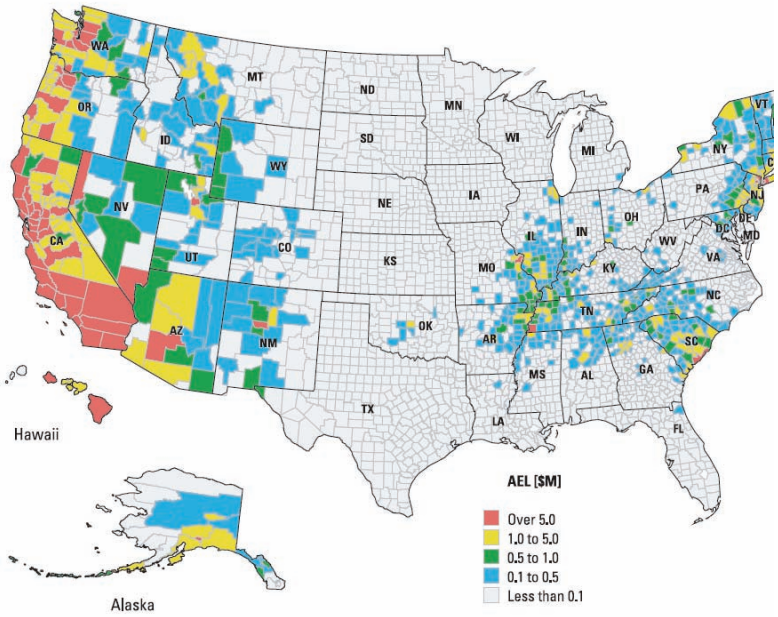


Figure 7. Potential annual earthquake losses in millions of dollars by county due to seismic hazard (FEMA).

The original legislation was concerned with the relative seismic safety of the building stock of Oregon universities, community colleges, public schools, hospitals, and fire and police stations. As defined by the legislative instructions, the replacement value of these qualifying buildings is about $23.5 billion (Table 1).

Table 1. Replacement Value of Qualifying Building Stock in Oregon*

	#	Ave. sq ft	Total sq ft	Cost/ sq ft	Replacement Cost	%
Education Facilities						
Oregon University System (est. 87% qualifying)			18,000,000	$165	$2,970,000,000	22%
Community College Buildings	184	39,758	7,315,472	$125	$914,434,000	7%
Public schools (K-12)	1,101	70,511	77,632,611	$125	$9,704,076,375	71%
SUM EDUCATION			102,948,083		$13,588,510,375	
Emergency Facilities						
City Fire Departments	197	8,151	1,605,747			
Rural Fire Protection Districts	375	8,883	3,331,125			
Port of Portland Fire	1	8,500	8,500			
SUM Fire	573		4,945,372	$115	$568,717,780	6%
City Police	107	9,065	969,955			
County Sheriff	65	23,716	1,541,540			
Oregon State Police	26	10,436	271,336			
SUM Police	198		2,782,831	$100	$278,283,100	3%
Acute Care Hospitals	58	353,828	20,522,024	$450	$9,234,910,800	92%
SUM EMERGENCY			28,250,227		$10,081,911,680	

*Data compiled by DOGAMI for this study.

Table 1 shows that K-12 schools dominate education facilities' value, whereas acute care hospitals appear to dwarf the replacement cost of all fire and police stations in Oregon. *[Note: Ownership of the majority of hospitals is materially different from the other district buildings under consideration for seismic rehabilitation; further, a $2.2 billion Oregon hospital construction boom is underway, with over half of acute care facilities building new emergency facilities.]*

1.4. Building Codes, Structural Engineering Design, and Buildings in Oregon

The purpose of a building code is to establish minimum requirements necessary to protect public health, safety, and welfare in the built environment. Model building codes provide protection from tragedy caused by fire, structural collapse, and general deterioration. Safe buildings are achieved through proper design and construction practices in concert with a code administration program that ensures compliance.

A model code has no legal standing until it is adopted by a legislative body (state legislature, county board, city council, etc.). When adopted as law, all owners of property within the boundaries of the adopting jurisdiction are required to comply with the referred codes. The primary application of a building code is to regulate new construction. Building codes usually apply to an existing building only if the building undergoes reconstruction, rehabilitation, or alteration.

Since the early 1900s, the system of building regulations in the United States was based on model building codes developed by three regional model code groups:

- East and Midwest: Building Officials Code Administrators International (BOCA National Building Code)
- Southeast: Southern Building Code Conference International (SCCCI Standard Building Code)
- West Coast: International Conference of Building Officials (ICBO Uniform Building Code)

The three code groups decided to combine their efforts in 1994 to form the International Code Council. The first edition of the International Building Code was published in 1997 and is published every three years.

Each cycle of the building code has changes that reflect engineering solutions to lateral force design problems encountered, including from the damage caused by major earthquakes in California in 1906, 1925, 1933, 1940, 1971, 1989, and 1994 (Figure 8).

Oregon's major cities adopted model codes in the late 1920s, and the state adopted codes in 1973.

Important Seismic Code Events & Code Developments

Date	Location	Item	Relavent Lateral Force Design Issues:
<1906	San Francisco	EQ	Buildings with provisions made for wind forces as high as 30 lbs/sq ft resisted 1906 EQ
1906	San Francisco	Code Introduced	Buildings over 100' high or a height 3x horizontal dimension has steel frame designed to resist 15 lbs/sq ft
1910	San Francisco	Concrete frame	Concrete frame included with steel frame; wind factor raised to 20 lbs/sq ft
1923	Japan	EQ	Three major buildings, statically designed for lateral forces of 10% gravity showed marked resistant behavior
1925	Santa Barbara	EQ	Heavy building damage causes widespread demand for EQ insurance; need for state code realized
1926	San Francisco		Wind factor reduced to 15 lbs/sq ft; remained here until 1947
1927	Palo Alto	1st U.B.C.	UBC incorporates lateral force requirments; seismic force equals mass x acceleration
1927	**Oregon**		**Portland, Eugene and Salem adopt 1927 UBC**
1930		1930 UBC	Strict specifications for mortar and workmanship on masonry buildings
1933	Long Beach	EQ	86% of all URM & 75% of schools heavily damaged, proves unreinforced mortar unstable; Field & Riley Acts
1935		1935 UBC	Includes map showing "zones of approximate equal seismic probability"
1940	El Centro	Accelerograms	Starts new era in seismic codes tending toward a more dynamic approach
1946	**Oregon**		**Medford adopts 1946 UBC; however first building code was in 1924**
1949		1949 UBC	First published national seismic hazard map (western Oregon is zone 2; central/SE are zone 1)
1949	**Oregon**		**Corvallis adopts 1949 UBC; other codes predate**
1951	San Francisco	ASCE Report	Report of work began in '48 on Lateral Forces published; became basis for many EQ codes
1955	**Oregon**		**Beaverton adopts 1955 UBC**
1960	California	SEAOC	1957-1959: Detailed studies and anaylses completed; minimum standards to assure public safety
1960	USA		Estimated 60% of American municipalities had adopted one of model codes
1961	California	1961 UBC	Adopts SEAOC Code
1964	Alaska	EQ	Widespread ground failures, 75 houses in one area destroyed, liquefaction recognized
1964	Niigata, Japan	EQ	3,000 houses destroyed; infamous leaning apartment building from liquefaction
1967		SEAOC	Requirement for shear walls and braced frames and for reinforced concrete buildings
1971	San Fernando	EQ	Much non-ductile reinforced concrete damage; Applied Technology Council (ATC) formed
1974	**Oregon**	**Statewide**	**Oregon adopts 1973 UBC and Oregon Structural Specialty Code on July 1 1974**
1976		1976 UBC	New seismic provisions introduced; adopted in Oregon by OSSC on March 1 1978
1985	Mexico City	EQ	Lake sediments amplify damage; damage from pounding; 6-15 story buildings collapse at intermediate floors
1989	Loma Prieta	EQ	Extensive transportation infrastructure damage from soft soil ground motion amplification;
1994	Northridge	EQ	25,000 dwellings & 9 hospitals closed; $44 billion; Learn about soft stories
1995	Kobe	EQ	192,000 buildings destroyed; $200 billion; tall buildings collapse at 5th floor
2001	Nisqually	EQ	Deep, "normal" fault event causes much less damage than shallow "thrust" fault of similar energy

Figure 8. Important seismic code events and code developments (DOGAMI, after Structural Engineers Association of California).

Despite having adopted building codes, Oregon was designated a low seismic hazard region until the ramifications of the Cascadia Subduction Zone were recognized between 1986 and 1993 (also see Figure 9).

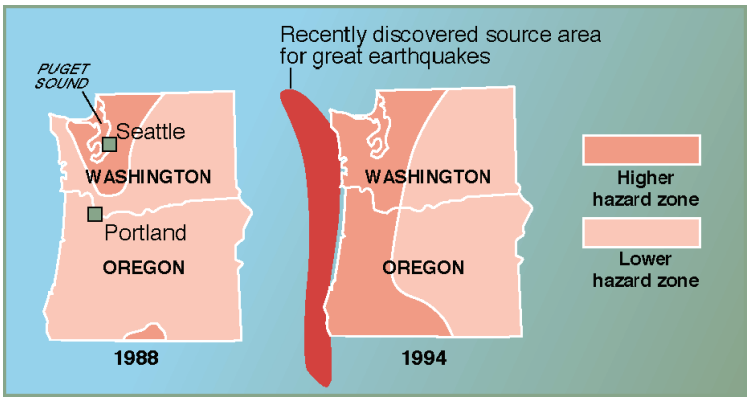


Figure 9. As recently as 1988 Oregon was categorized as a region of low seismic hazard. Discovery of the Cascadia Subduction Zone (darker red area offshore Oregon and Washington) caused western Oregon to be reclassified as an area of higher seismic hazard (USGS).

Because structural building codes reflect the lateral forces anticipated within a specific seismicity region, much construction in Oregon for certain building materials and lateral force systems before 1994 was effectively under-designed. *[Note: An exception is wood-frame construction. The most important code changes for wood frame were incorporated in the 1976 Uniform Building Code, adopted 1978, and were largely independent of seismic zone designation.]*

Oregon public school district voters approved bonds totaling $3.7 billion during 1997–2006 to build 135 new schools and make additions and renovations to many more. However, the majority of the 1,101 K-12 schools being assessed were built in the 1945–1975 period, before either seismic zones or building codes were updated (Figure 10). By comparison, 44 of the 184 community college buildings assessed were built during 1994–2006. In contrast, fire and police station median age is about 32 years old. Generally being much smaller, simpler structures, these emergency facilities will not have the degree of risk for collapse due to earthquakes as will the K-12 buildings.

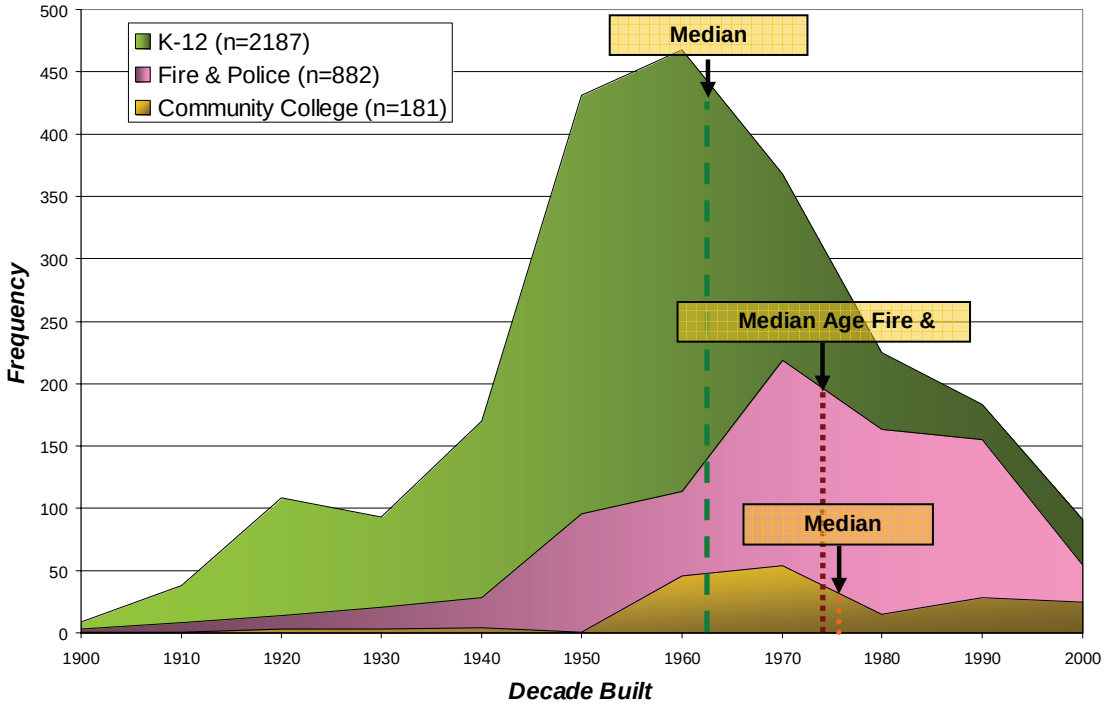


Figure 10. Construction dates for Oregon education and emergency facilities.

1.5. Legislative Directives Regarding Statewide Seismic Needs Assessment

71st Legislative Assembly 2001:

Senate Bills 14 and 15, enacted in 2001, stated that subject to the provision of funding by the State Department of Geology & Mineral Industries, the following Boards and Divisions shall provide for seismic safety surveys in accordance with FEMA-154 (1988):

- (SB 14, 2001) State Board of Higher Education: Buildings with capacity of 250 or more and are routinely used for student activities by public institutions or departments; excludes OHSU.
- (SB 14, 2001) State Board of Education: buildings with capacity of 250 or more and are routinely used for student activities by kindergarten through grade 12 public schools, community colleges and education service districts.
- (SB 14, 2001) Subject to available funding, the relevant education boards shall develop a plan for seismic rehabilitation of buildings that pose an undue life safety risk, or other actions to reduce the risk, and complete those plans and actions by January 1, 2032.
- (SB15, 2001) Health Division: Hospital buildings that contain an acute care inpatient care facility, as that term is given in ORS 442.470; includes OHSU.
- (SB 15, 2001) Department of Geology & Mineral Industries: Fire stations, police stations, sheriff's offices and similar facilities used by state, county and municipal law enforcement agencies.
- (SB15, 2001) Subject to available funding, the relevant facility, department, district or agency shall develop a plan for seismic rehabilitation of buildings that pose an undue life safety risk, or other actions to reduce the risk, and complete those plans and actions by January 1, 2022.
- (SB 14 & 15, 2001) If building is listed on a national or state register of historic places or properties, the rehabilitation plan or actions shall give consideration to preserving the character of the building.

Senate Bills 14 and 15, 2001, are codified in the Building Code as Oregon Revised Statute 455.390-455.400 (2005 edition).

General Election 2002:

During the November 5, 2002 general election, Oregon voters were asked via Ballot Measures 15 & 16 whether or not to amend the State Constitution to authorize the State to issue General Obligation Bonds for seismic rehabilitation of public education and emergency services buildings, respectively. Measure 15 passed 671,640 – 535,638 and Measure 16 passed 669,451 – 530,587. The Oregon Constitution (2005 version) now includes Article XI-M and XI-N bonds, respectively. (The text of Articles XI-M and XI-N is provided below on pages 10–12.)

73rd Legislative Assembly 2005:

Senate Bills 2 through 5, enacted in 2005, further refined the seismic assessment and rehabilitation funding prioritization process:

- **SB 2, 2005**: directed the Department of Geology & Mineral Industries to develop a statewide seismic needs assessment of public education and emergency services facility buildings.
- SB 3, 2005: directed the Office of Emergency Management to develop a grant program and appoint a grant committee to review applications and make determinations for the disbursement of funds for the seismic rehabilitation of these buildings.
- SB 4, 2005: established the Education Seismic Fund in the State Treasury to deposit the proceeds of Article XI-M bonds and other amounts appropriated or otherwise provided by the Legislative Assembly.
- SB 5, 2005: established the Emergency Services Seismic Fund in the State Treasury to deposit the proceeds of Article XI-N bonds and other amounts appropriated or otherwise provided by the Legislative Assembly.

A flow chart of the seismic needs assessment and rehabilitation process follows (Figure 11). *[Note: At the time of drafting this report the Seismic Rehabilitation Grant Committee had not been appointed; therefore the method for making a seismic rehabilitation grant application, eligibility requirements, scoring system, matching fund requirement, or the structural versus non-structural building elements rules had not been discussed nor determined.]*

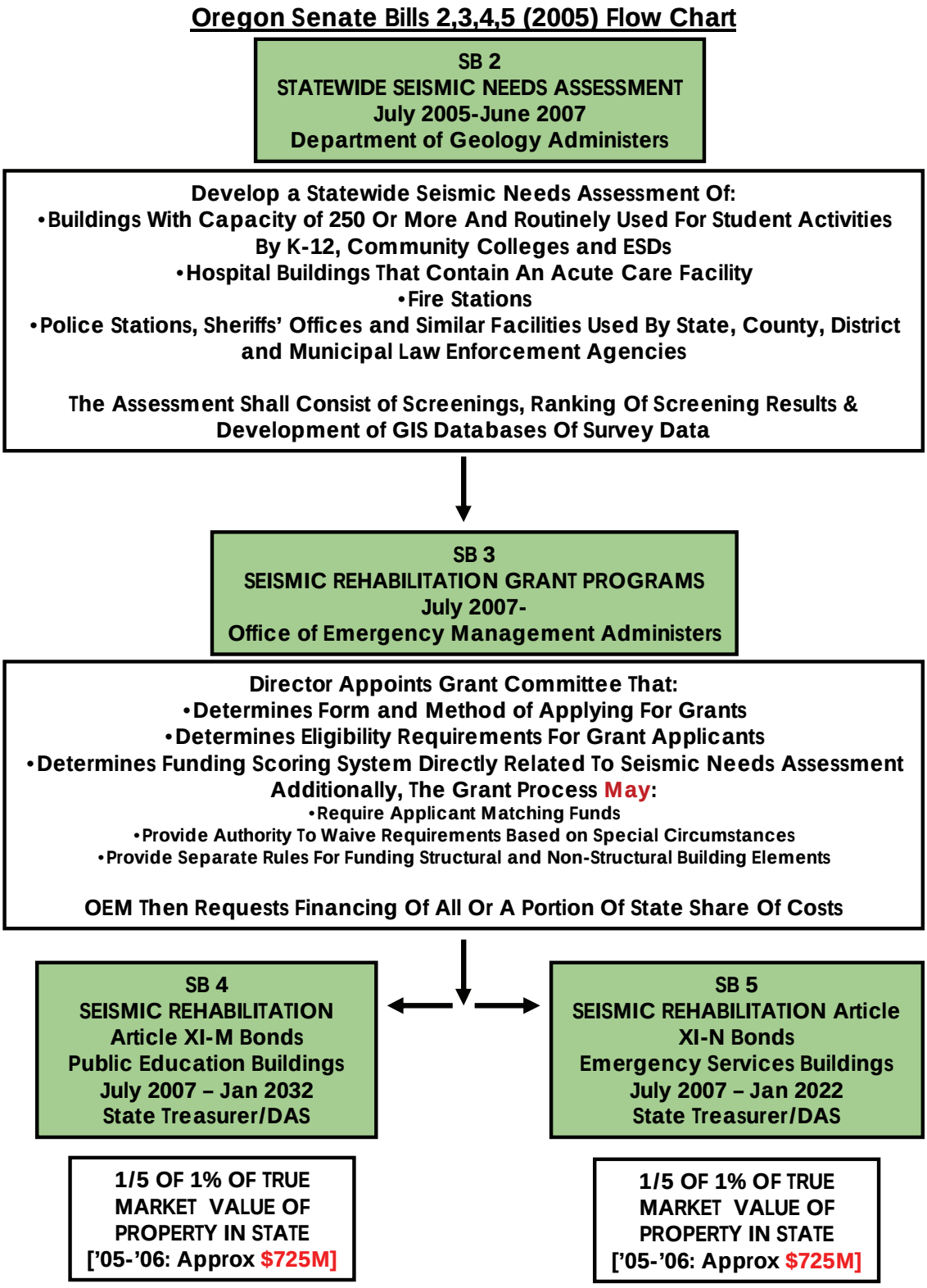


Figure 11. Flow chart of the seismic needs assessment and rehabilitation process. Note that the $1.45 billion in funds is a technical calculation of a maximum value; the State Debt Policy Advisory Commission issued a report in April of 2006 that recommended total Oregon General Fund debt capacity of $1.05 billion and Lottery Fund debt capacity at $746 million for the next two biennia.

Article XI-N

[Blue Book; Constitution of Oregon, 2005 version]

SEISMIC REHABILITATION OF PUBLIC EDUCATION BUILDINGS

Sec. 1. State empowered to lend credit for seismic rehabilitation of public education buildings
2. Sources of repayment
3. Refunding bonds
4. Legislation to effectuate Article
5. Relationship to conflicting provisions of Constitution

Note: Article XI-M was designated as "Article XI-L" by S.J.R. 21, 2001, and adopted by the people Nov. 5, 2002.

Section 1. State empowered to lend credit for seismic rehabilitation of public education buildings; bonds. (1) In the manner provided by law and notwithstanding the limitations contained in section 7, Article XI of this Constitution, the credit of the State of Oregon may be loaned and indebtedness incurred, in an aggregate outstanding principal amount not to exceed, at any one time, one-fifth of one percent of the real market value of all property in the state, to provide funds for the planning and implementation of seismic rehabilitation of public education buildings, including surveying and conducting engineering evaluations of the need for seismic rehabilitation.

(2) Any indebtedness incurred under this section must be in the form of general obligation bonds of the State of Oregon containing a direct promise on behalf of the State of Oregon to pay the principal, premium, if any, interest and other amounts payable with respect to the bonds, in an aggregate outstanding principal amount not to exceed the amount authorized in subsection (1) of this section. The bonds are the direct obligation of the State of Oregon and must be in a form, run for a period of time, have terms and bear rates of interest as may be provided by statute. The full faith and credit and taxing power of the State of Oregon must be pledged to the payment of the principal, premium, if any, and interest on the general obligation bonds; however, the ad valorem taxing power of the State of Oregon may not be pledged to the payment of the bonds issued under this section.

(3) As used in this section, "public education building" means a building owned by the State Board of Higher Education, a school district, an education service district, a community college district or a community college service district. [Created through S.J.R. 21, 2001, and adopted by the people Nov. 5, 2002]

Section 2. Sources of repayment. The principal, premium, if any, interest and other amounts payable with respect to the general obligation bonds issued under section 1 of this Article must be repaid as determined by the Legislative Assembly from the following sources:

(1) Amounts appropriated for the purpose by the Legislative Assembly from the General Fund, including taxes, other than ad valorem property taxes, levied to pay the bonds;

(2) Amounts allocated for the purpose by the Legislative Assembly from the proceeds of the State Lottery or from the Master Settlement Agreement entered into on November 23, 1998, by the State of Oregon and leading United States tobacco product manufacturers; and

(3) Amounts appropriated or allocated for the purpose by the Legislative Assembly from other sources of revenue. [Created through S.J.R. 21, 2001, and adopted by the people Nov. 5, 2002]

Section 3. Refunding bonds. General obligation bonds issued under section 1 of this Article may be refunded with bonds of like obligation. [Created through S.J.R. 21, 2001, and adopted by the people Nov. 5, 2002]

Section 4. Legislation to effectuate Article. The Legislative Assembly may enact legislation to carry out the provisions of this Article. [Created through S.J.R. 21, 2001, and adopted by the people Nov. 5, 2002]

Section 5. Relationship to conflicting provisions of Constitution. This Article supersedes conflicting provisions of this Constitution. [Created through S.J.R. 21, 2001, and adopted by the people Nov. 5, 2002]

Article XI-N

[Blue Book; Constitution of Oregon, 2005 version]

SEISMIC REHABILITATION OF EMERGENCY SERVICES BUILDINGS

Sec. 1. State empowered to lend credit for seismic rehabilitation of emergency services buildings; bonds
2. Sources of repayment
3. Refunding bonds
4. Legislation to effectuate Article
5. Relationship to conflicting provisions of Constitution

Note: Article XI-N was designated as "Article XI-L" by S.J.R. 22, 2001, and adopted by the people Nov. 5, 2002.

Section 1. State empowered to lend credit for seismic rehabilitation of emergency services buildings; bonds. (1) In the manner provided by law and notwithstanding the limitations contained in section 7, Article XI of this Constitution, the credit of the State of Oregon may be loaned and indebtedness incurred, in an aggregate outstanding principal amount not to exceed, at any one time, one-fifth of one percent of the real market value of all property in the state, to provide funds for the planning and implementation of seismic rehabilitation of emergency services buildings, including surveying and conducting engineering evaluations of the need for seismic rehabilitation.

(2) Any indebtedness incurred under this section must be in the form of general obligation bonds of the State of Oregon containing a direct promise on behalf of the State of Oregon to pay the principal, premium, if any, interest and other amounts payable with respect to the bonds, in an aggregate outstanding principal amount not to exceed the amount authorized in subsection (1) of this section. The bonds are the direct obligation of the State of Oregon and must be in a form, run for a period of time, have terms and bear rates of interest as may be provided by statute. The full faith and credit and taxing power of the State of Oregon must be pledged to the payment of the principal, premium, if any, and interest on the general obligation bonds; however, the ad valorem taxing power of the State of Oregon may not be pledged to the payment of the bonds issued under this section.

(3) As used in this section:

(a) "Acute inpatient care facility" means a licensed hospital with an organized medical staff, with permanent facilities that include inpatient beds, and with comprehensive medical services, including physician services and continuous nursing services under the supervision of registered nurses, to provide diagnosis and medical or surgical treatment primarily for but not limited to acutely ill patients and accident victims. "Acute inpatient care facility" includes the Oregon Health and Science University.

(b) "Emergency services building" means a public building used for fire protection services, a hospital building that contains an acute inpatient care facility, a police station, a sheriff's office or a similar facility used by a state, county, district or municipal law enforcement agency. [Created through S.J.R. 22, 2001, and adopted by the people Nov. 5, 2002]

Section 2. Sources of repayment. The principal, premium, if any, interest and other amounts payable with respect to the general obligation bonds issued under section 1 of this Article must be repaid as determined by the Legislative Assembly from the following sources:

(1) Amounts appropriated for the purpose by the Legislative Assembly from the General Fund, including taxes, other than ad valorem property taxes, levied to pay the

(2) Amounts allocated for the purpose by the Legislative Assembly from the proceeds of the State Lottery or from the Master Settlement Agreement entered into on November 23, 1998, by the State of Oregon and leading United States tobacco product manufacturers; and

(3) Amounts appropriated or allocated for the purpose by the Legislative Assembly from other sources of revenue. [Created through S.J.R. 22, 2001, and adopted by the people Nov. 5, 2002]

Section 3. Refunding bonds. General obligation bonds issued under section 1 of this Article may be refunded with bonds of like obligation. [Created through S.J.R. 22, 2001, and adopted by the people Nov. 5, 2002]

Section 4. Legislation to effectuate Article. The Legislative Assembly may enact legislation to carry out the provisions of this Article. [Created through S.J.R. 22, 2001, and adopted by the people Nov. 5, 2002]

Section 5. Relationship to conflicting provisions of Constitution. This Article supersedes conflicting provisions of this Constitution. [Created through S.J.R. 21, 2001, and adopted by the people Nov. 5, 2002]

The key directives to DOGAMI to conduct the seismic needs assessment were [excerpted from the text of Senate Bill 2, 2005 (emphasis added)]:

SECTION 1:

(1) The State Department of Geology and Mineral Industries [in consultation with the Seismic Safety Policy Advisory Commission, the Office of Emergency Management, the Department of Human Services, the State Board of Education, the State Board of Higher Education] and any grant committee established pursuant to a statewide grant program for seismic rehabilitation, shall develop a statewide seismic needs assessment that includes seismic safety surveys of:
   (a) Buildings that have a capacity of 250 or more persons and are routinely used for student activities by kindergarten through grade 12 public schools, community colleges and education service districts;
   (b) Hospital buildings that contain an acute inpatient care facility;
   (c) Fire stations; and
   (d) Police stations, sheriffs' offices and similar facilities used by state, county, district and municipal law enforcement agencies.

(2) The statewide seismic needs assessment shall consist of:
   (a) Rapid visual screenings of the buildings specified in this section, conducted in accordance with the standards for rapid visual screening procedures established in 'Rapid Visual Screening of Buildings for Potential Seismic Hazards: A Handbook,' FEMA-154, 2002 Edition, or an equivalent standard adopted by the State Department of Geology and Mineral Industries;
   (b) The ranking of the rapid visual screening results in risk categories based on
      - **need,**
      - **importance of the building to the community,**
      - **risk to the building posed by its location,**
      - **risk posed to the community by the collapse of the building during a seismic event,**
      - **projected cost of the necessary seismic rehabilitation**
      - **other categories determined necessary by the State Department of Geology and Mineral Industries;**
   (c) The development of geographic information system (GIS) databases of survey data and the sharing of that data with interested parties.

(3) The statewide seismic needs assessment may include:
   (a) Rapid visual screenings conducted by entities or persons other than the State Department of Geology and Mineral Industries;
   (b) Questionnaires or other information gathering techniques to supplement the rapid visual screening and aid in the ranking of rapid visual screening results in risk categories; and
   (c) Training for persons interested in conducting rapid visual screenings.

SECTION 2:

The statewide seismic needs assessment specified in section 1 of this 2005 Act shall be completed by July 1, 2007.

The process DOGAMI has used to fulfill these directives can be summarized as shown in Figure 12.

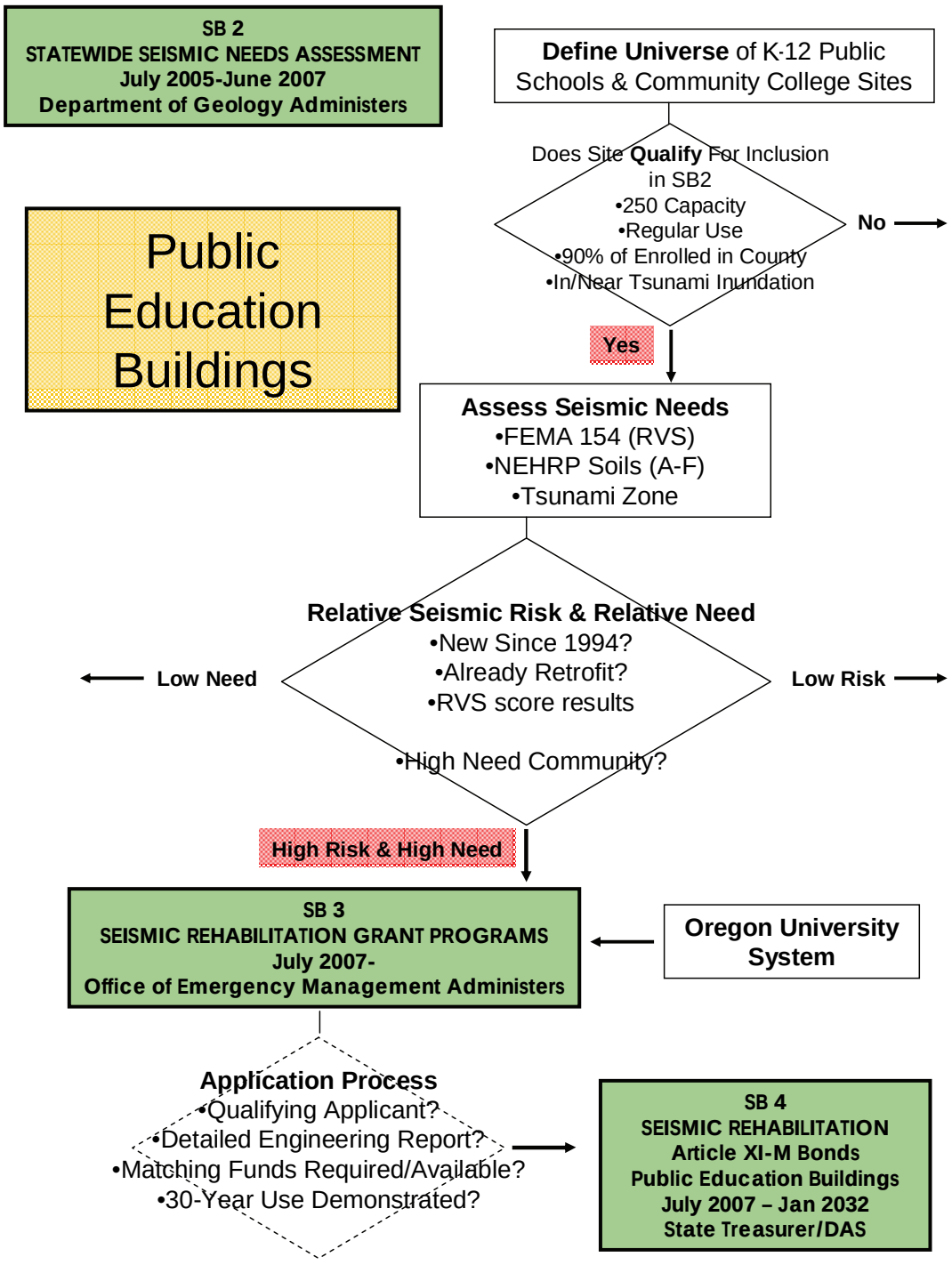


Figure 12. DOGAMI's process to fulfill legislative directives to conduct seismic needs assessment of public education buildings. A similar process was used to assess emergency response facilities.

2.0. DEFINING THE UNIVERSE FOR SEISMIC NEEDS ASSESSMENT

2.1: Qualifying Buildings: K-12 Public Schools and Education Service Districts (ESD)

In the absence of a data set containing capacity information, DOGAMI used the Oregon Department of Education's 2005-06 schools enrollment database to determine the qualifying schools sites. Initially, we selected an enrollment of 200 as the cutoff; we then increased the number of schools assessed by employing two additional rules:

- at least 90% of each county's enrolled students must be included
- 100% of public schools potentially at risk of tsunami inundation must be included

The effect of these criteria is summarized in Table 2 (see Appendix A for detailed listing). All 1,030 schools in the state with an enrollment of 154 or higher, along with 71 schools with enrollments ranging from 8 to 153, were included. The process resulted in the inclusion of nearly 97% of all enrolled K-12 students.

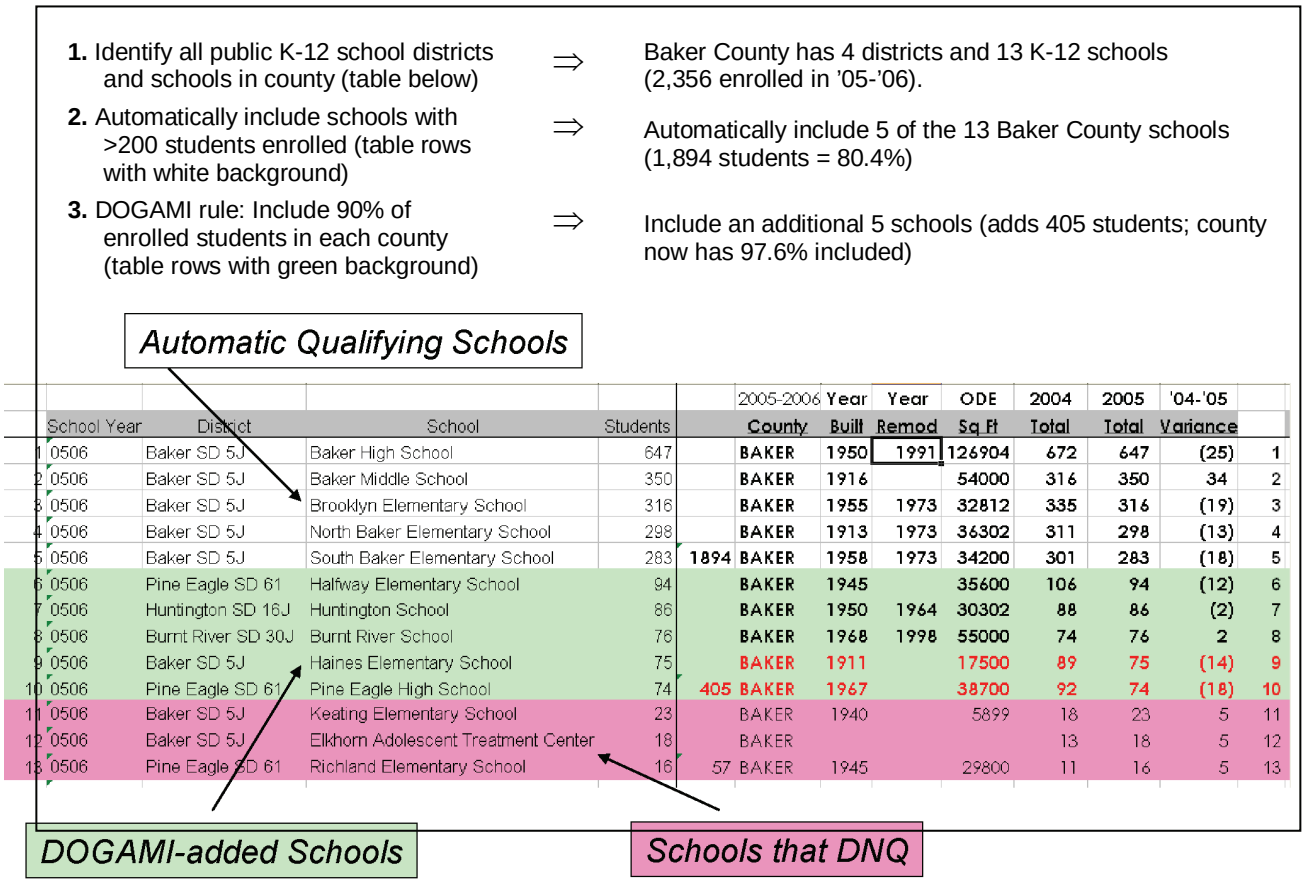
Table 2. Oregon Statewide Seismic Needs Assessment: DOGAMI's Qualifying Public K-12 Schools and Education Service Districts

School Data Source: Oregon Department of Education 2005-2006 Fall Enrollment

County	Schools n>200	Students Enrolled	Agency Added	Added Enrolled	Schools DNQ	Students DNQ	Schools Total	Total Enrolled	Included	% Incl
BAKER	5	1,894	4	405	3	57	12	2,356	2,299	97.6%
BENTON	16	8,376	3	508	6	345	25	9,229	8,884	96.3%
CLACKAMAS	94	55,742	4	731	91	1,522	189	57,995	56,473	97.4%
CLATSOP	12	4,724	3	438	-	-	15	5,162	5,162	100.0%
COLUMBIA	16	8,087	2	362	7	235	25	8,684	8,449	97.3%
COOS	18	7,774	7	729	3	33	28	8,536	8,503	99.6%
CROOK	5	3,045	1	160	2	90	8	3,295	3,205	97.3%
CURRY	5	2,416	6	398	-	-	11	2,814	2,814	100.0%
DESCHUTES	34	21,948	3	495	5	225	42	22,668	22,443	99.0%
DOUGLAS	36	14,369	5	887	12	876	53	16,132	15,256	94.6%
GILLIAM	-	-	4	275	-	-	4	275	275	100.0%
GRANT	2	561	6	545	-	-	8	1,106	1,106	100.0%
HARNEY	3	961	2	164	8	100	13	1,225	1,125	91.8%
HOOD RIVER	7	3,676	2	313	3	26	12	4,015	3,989	99.4%
JACKSON	47	27,661	4	668	12	531	63	28,860	28,329	98.2%
JEFFERSON	8	3,270	2	335	3	31	13	3,636	3,605	99.1%
JOSEPHINE	21	11,305	1	137	5	198	27	11,640	11,442	98.3%
KLAMATH	22	9,405	6	959	13	343	41	10,707	10,364	96.8%
LAKE	3	837	2	204	3	80	8	1,121	1,041	92.9%
LANE	85	42,337	8	1,342	80	4,027	173	47,706	43,679	91.6%
LINCOLN	14	5,182	6	649	-	-	20	5,831	5,831	100.0%
LINN	40	18,017	5	793	4	353	49	19,163	18,810	98.2%
MALHEUR	10	4,342	4	563	10	472	24	5,377	4,905	91.2%
MARION	89	53,435	4	682	37	2,783	130	56,900	54,117	95.1%
MORROW	5	1,721	4	646	1	46	10	2,413	2,367	98.1%
MULTNOMAH	157	87,450	8	1,390	80	2,668	245	91,508	88,840	97.1%
POLK	12	6,135	-	-	6	410	18	6,545	6,135	93.7%
SHERMAN	-	-	3	270	-	-	3	270	270	100.0%
TILLAMOOK	9	3,122	2	300	-	-	11	3,422	3,422	100.0%
UMATILLA	27	12,286	5	825	8	365	40	13,476	13,111	97.3%
UNION	10	3,241	4	601	1	1	15	3,843	3,842	100.0%
WALLOWA	1	212	6	679	2	16	9	907	891	98.2%
WASCO	6	3,124	3	392	2	15	11	3,531	3,516	99.6%
WASHINGTON	110	78,694	4	741	41	1,108	155	80,543	79,435	98.6%
WHEELER	-	-	4	220	-	-	4	220	220	100.0%
YAMHILL	30	15,763	2	383	3	167	35	16,313	16,146	99.0%
State-level	1	372	2	307	50	1,112	53	1,791	679	37.9%
	960	**521,484**	**141**	**19,496**	**501**	**18,235**	**1,602**	**559,215**	**540,980**	**96.7%**
	59.9%	93.3%	8.8%	3.5%	31.3%	3.3%				
			1,101	540,980						
			68.7%	96.7%						

n is number of students enrolled; DNQ indicates do not qualify.

An example of how each K-12 school in each school district in each county was determined to qualify or not qualify for inclusion in this assessment is illustrated in Figure 13. Baker County was selected for display simply due to its manageable size for presentation purposes.



	School Year	District	School	Students		2005-2006 County	Year Built	Year Remod	ODE Sq Ft	2004 Total	2005 Total	'04-'05 Variance	
1	0506	Baker SD 5J	Baker High School	647		BAKER	1950	1991	126904	672	647	(25)	1
2	0506	Baker SD 5J	Baker Middle School	350		BAKER	1916		54000	316	350	34	2
3	0506	Baker SD 5J	Brooklyn Elementary School	316		BAKER	1955	1973	32812	335	316	(19)	3
4	0506	Baker SD 5J	North Baker Elementary School	298		BAKER	1913	1973	36302	311	298	(13)	4
5	0506	Baker SD 5J	South Baker Elementary School	283	1894	BAKER	1958	1973	34200	301	283	(18)	5
6	0506	Pine Eagle SD 61	Halfway Elementary School	94		BAKER	1945		35600	106	94	(12)	6
7	0506	Huntington SD 16J	Huntington School	86		BAKER	1950	1964	30302	88	86	(2)	7
8	0506	Burnt River SD 30J	Burnt River School	76		BAKER	1968	1998	55000	74	76	2	8
9	0506	Baker SD 5J	Haines Elementary School	75		BAKER	1911		17500	89	75	(14)	9
10	0506	Pine Eagle SD 61	Pine Eagle High School	74	405	BAKER	1967		38700	92	74	(18)	10
11	0506	Baker SD 5J	Keating Elementary School	23		BAKER	1940		5899	18	23	5	11
12	0506	Baker SD 5J	Elkhorn Adolescent Treatment Center	18		BAKER				13	18	5	12
13	0506	Pine Eagle SD 61	Richland Elementary School	16	57	BAKER	1945		29800	11	16	5	13

Figure 13. Steps followed to determine qualifying K-12 sites in Baker County. DNQ indicates schools that do not qualify.

An additional note to the example is that if more than one school of very similar enrollment were situated at the threshold of achieving the 90%-per-county rule, those schools were included. (In this case the schools with 75 and 74 students are highlighted in red.)

In summary, 171 school districts had at least one school included; 39 school districts had no schools included. Only one Education Service District (ESD) school was included. Three schools administered by the Department of Education were included.

Efforts were made to include smaller schools identified as being on adjoining properties.

District administration office buildings were excluded if they were situated separately from a school.

2.2. Qualifying Buildings: Community College District Buildings

DOGAMI has previously worked with Oregon community colleges to assess seismic risk within their districts; that work was augmented by this project.

For community colleges, rather than using enrollment data we used known capacity or capacity estimates, based upon each building's gross square footage, to establish which of the 17 district's 395 buildings would qualify for inclusion.

Buildings not routinely used for student activities, small buildings, and modular units were excluded.

179 buildings were deemed to qualify for inclusion (Table 3; see Appendix B for detailed listing). These buildings range in size from 8,472 to 421,365 square feet. 48 of these had not been screened by the earlier work. An additional 42 buildings that had been screened earlier were excluded from this study due to their capacity being below 250 or not being in regular use by students.

40 of the 179 buildings were built since 1994.

Table 3. Qualifying Community College District Buildings

CC Campus	# All Bldg	# Qual Bldg
Blue Mountain	10	6
Blue Mountain Branch	4	-
Central Oregon	22	13
Central Oregon-Redmond	3	3
Chemeketa	52	12
Chemeketa Branch	11	4
Clackamas	25	17
Clatsop	9	6
Columbia Gorge	12	2
Klamath	5	2
Lane	34	18
Lane-Branch	17	4
Linn-Benton	14	12
Linn-Benton Branch	4	3
Mt Hood	15	11
Oregon Coast	1	-
Portland-Cascade	12	10
Portland-Sylvania	12	11
Portland-Rock Creek	13	7
Rogue-Redwood	33	5
Rogue-Riverside	9	5
Rogue-Table Rock	3	3
Southwest Oregon	39	10
Tillamook Bay	3	-
Treasure Valley	18	7
Umpqua	15	8
	395	179

2.3. Qualifying Buildings: Hospitals

Acute inpatient care facilities (hospitals) are defined in ORS 442.470:

(1) "Acute inpatient care facility" means a licensed hospital with an organized medical staff, with permanent facilities that include inpatient beds, and with comprehensive medical services, including physician services and continuous nursing services under the supervision of registered nurses, to provide diagnosis and medical or surgical treatment primarily for but not limited to acutely ill patients and accident victims.

The Oregon Department of Health Services provided the list of 58 acute care hospitals, as shown Table 4. *(Note: Tuality Healthcare reports results as a singular entity but operates hospitals in both Hillsboro and Forest Grove.)*

For the purposes of this assessment all 58 facilities were deemed to qualify for inclusion. However, hospitals have very significant dissimilarities with the other public district-owned facilities included in this assessment. Specifically, this list of hospitals:

- includes hospitals ranging in size from 12-bed facilities with less than $5 million in gross annual revenue to 447-bed facilities with $1 billion in annual revenues
- includes 2 hospitals owned by a stock exchange listed, for-profit, corporation
- includes 22 hospitals owned by faith-based organizations with local to international scope
- includes 1 hospital owned and operated by the nation's largest HMO
- includes 11 hospitals that use public health district tax levies to contribute to revenue

It was noted in the minutes of the March 22, 2001, Senate Committee on General Government and Transportation that the intent of this assessment is to focus on emergency room facilities at hospitals that would serve victims of earthquakes, as opposed to those areas that handle existing or long-term patient care:

- 22 of the 58 hospitals have built or are building new emergency room facilities
- another 10 have completed major upgrades or expansion to existing facilities
- 1 hospital has completed a seismic retrofit

Table 4a. Oregon Department of Human Services 2003 Patient and Revenue Data

Acute Care Hospitals Name	Oregon City	ER Year Built	Federal Medicare Status	Hospital System Status	2003 Staffed # Beds	2003 # Inpatient Discharges	2003 Acute Inpat. Days	2003 Outpatient # Visits	2003 Gross Rev $M
Adventist Medical Center	Portland	1977	DRG	System	225	11,474	48,763	318,384	$ 334.6
Tillamook County General Hospital	Tillamook	1950	Rural A	System	30	1,373	4,216	36,549	$ 47.0
Rogue Valley Medical Center	Medford	2006	DRG	System	276	15,583	64,324	433,685	$ 342.0
Three Rivers Community Hospital	Grants Pass	2001	DRG	System	98	8,473	26,598	246,375	$ 145.5
St. Charles Medical Center	Bend	2006	DRG	System	172	13,811	53,707	146,833	$ 280.4
St. Charles Medical Center	Redmond	2006	Rural B	System	48	2,661	6,979	41,972	$ 38.2
Holy Rosary Medical Center	Ontario	2002	Rural A	System	55	4,254	11,693	56,840	$ 71.7
Mercy Medical Center	Roseburg	2006	DRG	System	149	10,564	39,917	215,775	$ 219.3
St. Anthony Hospital	Pendleton	2006	Rural A	System	49	2,266	6,651	28,803	$ 43.5
St. Elizabeth Hospital	Baker City	1987	Rural A	System	31	1,255	3,959	28,865	$ 31.2
Kaiser Sunnyside Medical Center	Clackamas	2007	DRG	System	183	14,238	51,055	90,589	NA
Legacy Emanuel Hospital	Portland	1936	DRG	System	385	20,483	105,400	220,073	$ 584.9
Legacy Good Samaritan Hospital	Portland	1902	DRG	System	275	14,272	61,318	206,183	$ 344.7
Legacy Meridian Park Hospital	Tualatin	1973	DRG	System	133	8,705	27,619	121,836	$ 159.4
Legacy Mt. Hood Medical Center	Gresham	1983	DRG	System	63	5,345	16,458	90,482	$ 87.7
Salem Hospital	Salem	2008	DRG	System	385	20,551	89,273	395,659	$ 383.3
West Valley Community Hospital	Dallas	1972	Rural B	System	14	217	616	46,359	$ 13.2
Cottage Grove Community Hospital	Cottage Grove	2003	Rural B	System	12			28,315	$ 9.1
Peace Harbor Hospital	Florence	1989	Rural B	System	21	1,268	3,818	37,465	$ 40.8
Sacred Heart Medical Center	Eugene	2008	DRG	System	395	27,529	111,956	140,634	$ 506.4
Providence Hood River Memorial Hospital	Hood River	1988	Rural B	System	31	1,759	4,292	81,627	$ 54.3
Providence Medford Medical Center	Medford	2005	DRG	System	124	6,762	27,747	318,318	$ 187.8
Providence Milwaukie Hospital	Milwaukie	1968	DRG	System	56	3,796	10,482	135,209	$ 93.8
Providence Newberg Hospital	Newberg	2006	Rural B	System	35	2,121	5,871	116,741	$ 57.7
Providence Portland Medical Center	Portland	1941	DRG	System	374	24,738	103,748	1,080,590	$ 739.3
Providence Seaside Hospital	Seaside		Rural B	System	47	1,302	3,993	63,036	$ 38.2
Providence St. Vincent Hospital	Portland	1971	DRG	System	396	35,163	143,191	693,655	$ 907.7
Good Samaritan Regional Medical Center	Corvallis	1994	DRG	System	134	9,140	34,423	212,699	$ 220.9
Samaritan Albany General Hospital	Albany	1965	DRG	System	64	4,163	10,669	61,362	$ 85.9
Samaritan Lebanon Community Hospital	Lebanon	1951	Rural B	System	49	3,187	9,929	72,761	$ 62.1
Samaritan North Lincoln Hospital	Lincoln City	1980	Rural B	System	31	1,600	4,232	47,721	$ 39.1
Samaritan Pacific Communities Hospital	Newport	1952	Rural B	System	42	1,859	4,764	64,292	$ 52.0
Mckenzie-Willamette Medical Center	Springfield	2010	DRG	System	114	6,762	21,907	160,194	$ 119.8
Willamette Valley Medical Center	McMinnville	1996	DRG	System	67	5,170	16,424	76,663	$ 128.3
Tuality Community Hospital	Hillsboro & FG		DRG	System	129	8,009	29,294	168,262	$ 214.2
Columbia Memorial Hospital	Astoria	1977	Rural B	NA	37	2,531	6,909	50,741	$ 42.1
Ashland Community Hospital	Ashland		Rural B	NA	37	2,237	6,714	58,387	$ 60.7
Good Shepherd Community Hospital	Hermiston	1985	Rural A	NA	45	3,390	9,193	42,491	$ 55.8
Merle West Medical Center	Klamath Falls		DRG	NA	131	7,397	25,125	199,926	$ 147.4
Mid-Columbia Medical Center	The Dalles	1958	Rural B	NA	49	2,866	9,326	99,814	$ 90.8
Willamette Falls Hospital	Oregon City	1961	DRG	NA	91	5,699	17,436	94,308	$ 109.4
Santiam Memorial Hospital	Stayton	1953	Rural B	NA	40	1,543	4,603	29,980	$ 22.8
Pioneer Memorial Hospital - Prineville	Prineville	1985	Rural B	NA	35	1,000	2,754	32,058	$ 20.9
Silverton Hospital	Silverton	1995	Rural B	NA	48	5,158	12,413	48,638	$ 72.6
Grande Ronde Hospital	La Grande	1966	Rural A	NA	49	2,667	7,620	47,113	$ 41.7
Bay Area Hospital	Coos Bay	2000	DRG	NA	120	8,254	29,600	60,316	$ 149.7
Blue Mountain Hospital	John Day	2003	Rural A	NA	19	355	951	18,891	$ 9.2
Coquille Valley Hospital	Coquille		Rural B	NA	18	669	1,607	18,086	$ 10.7
Curry General Hospital	Gold Beach	1951	Rural A	NA	24	801	1,868	49,652	$ 11.7
Harney District Hospital	Burns	2008	Rural A	NA	27	757	1,677	24,240	$ 8.4
Lake District Hospital	Lakeview	1971	Rural A	NA	15	584	1,509	17,705	$ 10.9
Lower Umpqua Hospital	Reedsport		Rural B	NA	14	512	1,726	18,975	$ 16.2
Pioneer Memorial Hospital - Heppner	Heppner	1950	Rural A	NA	12	158	319	15,201	$ 4.5
Mountain View Hospital	Madras	1967	Rural B	NA	31	1,273	3,074	28,622	$ 16.2
Southern Coos Hospital	Bandon	1999	Rural B	NA	18	373	1,069	13,240	$ 8.2
Wallowa Memorial Hospital	Enterprise	2007	Rural A	NA	25	664	1,863	10,339	$ 10.6
OHSU Hospital	Portland	2006	DRG	NA	447	26,420	134,935	608,646	$ 949.7
					6,024		1,447,577	7,872,175	$ 8,554

Table 4b. Parent Organization and Scale of Revenues

Acute Care Hospitals Name	Acute Care Hospitals District_Name	Fiscal Need-Related Issues
Adventist Medical Center	Adventist Health System NFP	West coast faith-based ('05: $1.7B revenues)
Tillamook County General Hospital	Adventist Health System NFP	West coast faith-based ('05: $1.7B revenues)
Rogue Valley Medical Center	Asante Health System NFP	Medford-Grants Pass community-based NFP ('05: $0.7B rev)
Three Rivers Community Hospital	Asante Health System NFP	Medford-Grants Pass community-based NFP ('05: $0.7B rev)
St. Charles Medical Center	Cascade Healthcare Community Inc, private NFP	Bend-Redmond community-based NFP ('05: $0.5B revenues)
St. Charles Medical Center	Cascade Healthcare Community Inc, private NFP	Bend-Redmond community-based NFP ('05: $0.5B revenues)
Holy Rosary Medical Center	Catholic Health Initiatives NFP	National faith-based ('06: $7.7B revenues)
Mercy Medical Center	Catholic Health Initiatives NFP	National faith-based ('06: $7.7B revenues)
St. Anthony Hospital	Catholic Health Initiatives NFP	National faith-based ('06: $7.7B revenues)
St. Elizabeth Hospital	Catholic Health Initiatives NFP	National faith-based ('06: $7.7B revenues)
Kaiser Sunnyside Medical Center	Kaiser Foundation NFP	Nation's largest HMO ('06: $34.4B revenues)
Legacy Emanuel Hospital	Legacy Health System	Oregon NFP with faith-based origins ('05: $1.4B revenues)
Legacy Good Samaritan Hospital	Legacy Health System	Oregon NFP with faith-based origins ('05: $1.4B revenues)
Legacy Meridian Park Hospital	Legacy Health System	Oregon NFP with faith-based origins ('05: $1.4B revenues)
Legacy Mt. Hood Medical Center	Legacy Health System	Oregon NFP with faith-based origins ('05: $1.4B revenues)
Salem Hospital	Pacific Health Horizons NFP	Locally controlled regional health system
West Valley Community Hospital	Pacific Health Horizons NFP	Locally controlled regional health system
Cottage Grove Community Hospital	PeaceHealth System NFP	Faith-based west coast NFP ('06: $1.0B revenues)
Peace Harbor Hospital	PeaceHealth System NFP	Faith-based west coast NFP ('06: $1.0B revenues)
Sacred Heart Medical Center	PeaceHealth System NFP	Faith-based west coast NFP ('06: $1.0B revenues)
Providence Hood River Memorial Hospital	Providence Health System - Oregon NFP	West coast faith-based ('05: $4.4B revenues)
Providence Medford Medical Center	Providence Health System - Oregon NFP	West coast faith-based ('05: $4.4B revenues)
Providence Milwaukie Hospital	Providence Health System - Oregon NFP	West coast faith-based ('05: $4.4B revenues)
Providence Newberg Hospital	Providence Health System - Oregon NFP	West coast faith-based ('05: $4.4B revenues)
Providence Portland Medical Center	Providence Health System - Oregon NFP	West coast faith-based ('05: $4.4B revenues)
Providence Seaside Hospital	Providence Health System - Oregon NFP	West coast faith-based ('05: $4.4B revenues)
Providence St. Vincent Hospital	Providence Health System - Oregon NFP	West coast faith-based ('05: $4.4B revenues)
Good Samaritan Regional Medical Center	Samaritan Health Services NFP	Oregon-based NFP ('06: $0.6B revenues)
Samaritan Albany General Hospital	Samaritan Health Services NFP	Oregon-based NFP ('06: $0.6B revenues)
Samaritan Lebanon Community Hospital	Samaritan Health Services NFP	Oregon-based NFP ('06: $0.6B revenues)
Samaritan North Lincoln Hospital	Samaritan Health Services NFP	Oregon-based NFP ('06: $0.6B revenues)
Samaritan Pacific Communities Hospital	Samaritan Health Services NFP	Oregon-based NFP ('06: $0.6B revenues)
Mckenzie-Willamette Medical Center	Triad Hospitals Inc For Profit	NYSE-listed, for-profit; owns 53 hospitals ('06:$5.5B rev)
Willamette Valley Medical Center	Triad Hospitals Inc For Profit	NYSE-listed, for-profit; owns 53 hospitals ('06:$5.5B rev)
Tuality Community Hospital	Tuality Healthcare NFP	Washington county-community governed NFP ('05: $256m rev)
Columbia Memorial Hospital	Lutheran Affiliated NFP	Lutheran-affiliated Oregon NFP; not tax supported
Ashland Community Hospital	NFP - Community-owned corporation	Ashland-Talent area hospital ('05: $69m revenues)
Good Shepherd Community Hospital	NFP - Lutheran Affiliation	Hermiston area hospital; faith-based ('05: $59m revenues)
Merle West Medical Center	NFP - Merle West	Oregon-California NFP ('05: $227m revenues)
Mid-Columbia Medical Center	NFP - Mid-Columbia	Oregon-based NFP ('06: $113m revenues)
Willamette Falls Hospital	NFP - only Independent hospital in Portland region	Clackamas county community-based NFP ('05: $122m rev)
Santiam Memorial Hospital	NFP - Santiam	Marion county-community governed NFP ('05: $27m rev)
Pioneer Memorial Hospital - Prineville	NFP - serving residents of Crook County	2007 - exploring partnership with Cascade Healthcare
Silverton Hospital	NFP - Silverton	Community-based NFP ('05: $100m revenues)
Grande Ronde Hospital	NFP private community hospital	Private NFP = "Oregon's most profitable hospital"
Bay Area Hospital	NFP Supported by Bay Area Hospital District	Oregon Health District
Blue Mountain Hospital	NFP Supported by Blue Mtn Hospital District	Oregon Health District
Coquille Valley Hospital	NFP Supported by Coquille Valley Hospital District	Oregon Health District
Curry General Hospital	NFP Supported by Curry Health Hospital District	Oregon Health District
Harney District Hospital	NFP Supported by Harney County District	Oregon Health District
Lake District Hospital	NFP Supported by Lake County Health District	Oregon Health District
Lower Umpqua Hospital	NFP Supported by Lower Umpqua Hospital District	Oregon Health District
Pioneer Memorial Hospital - Heppner	NFP Supported by Morrow County Health District	Oregon Health District
Mountain View Hospital	NFP Supported by Mt. View Hospital District	Oregon Health District
Southern Coos Hospital	NFP Supported by Southern Coos Hospital District	Oregon Health District
Wallowa Memorial Hospital	NFP Supported by Wallowa County Health Care	Oregon Health District
OHSU Hospital	OHSU	State of Oregon affiliated

Given that 33 of the 58 hospitals have new or recently renovated emergency room facilities, the potential scope of relative seismic risk for hospitals in Oregon is diminished significantly.

Also, provided that 10 of the 11 Oregon Health District hospitals have annual revenues less than $25 million, the relative need for state-level public financing of seismic rehabilitation of acute care hospitals may not be capital intensive.

2.4. Qualifying Buildings: Fire and Police Stations

Unlike for schools and hospitals, no comprehensive database for fire or police stations was available from Oregon Emergency Management or other agencies. Two important lists were provided by the Fire Marshall.

It was therefore necessary to develop a comprehensive data set by:

- translating the Fire Marshall list into a geo-referenced database
- sourcing a dataset of geo-coded stations derived from phone directories
- exploring city, county, fire association and district websites
- requesting locations and addresses from city, county, and state emergency management departments

We estimate that we have located nearly all Oregon city fire and police department, rural fire protection district, county sheriff, emergency response/911 centers, and Oregon State Police (OSP) stations. However, we anticipate that we may have omitted several stations, perhaps numbering a few dozen.

The city, county, and state fire and police emergency service centers located and included in this assessment are shown in Table 5 (see Appendix E for detailed listing).

An additional 10 OSP and 27 Rural Fire Protection District (RFPD) stations were screened in the field, but were documented as having private-party ownership, so they were excluded from inclusion in the results.

Overall, the location of the 1,280 education and 829 emergency sites included in the assessment mimics well established population density and transportation corridor patterns in Oregon (Figure 14).

Table 5. Fire and Police Stations

	Number
City Fire Departments	197
Rural Fire Protection Districts	375
Port of Portland Fire	1
SUM Fire	**573**
City Police	107
County Sheriff	65
Oregon State Police	26
SUM Police	**198**

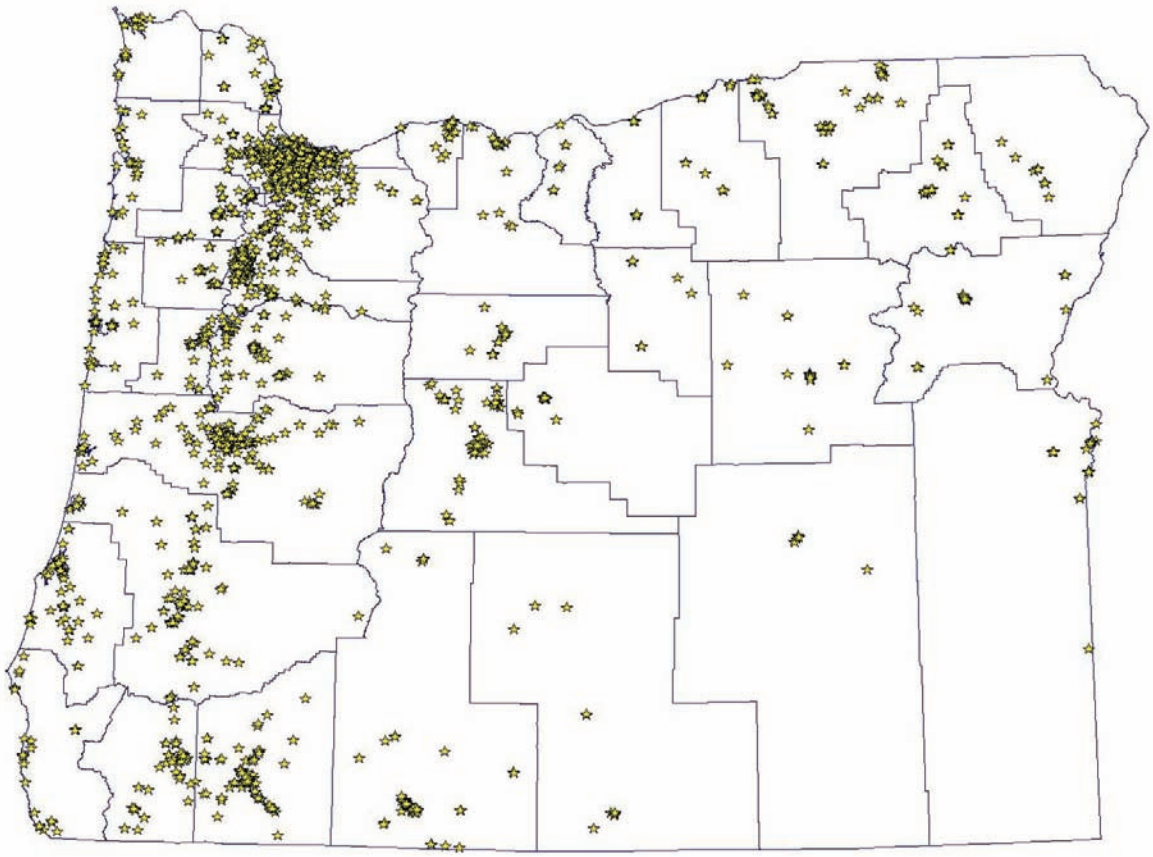
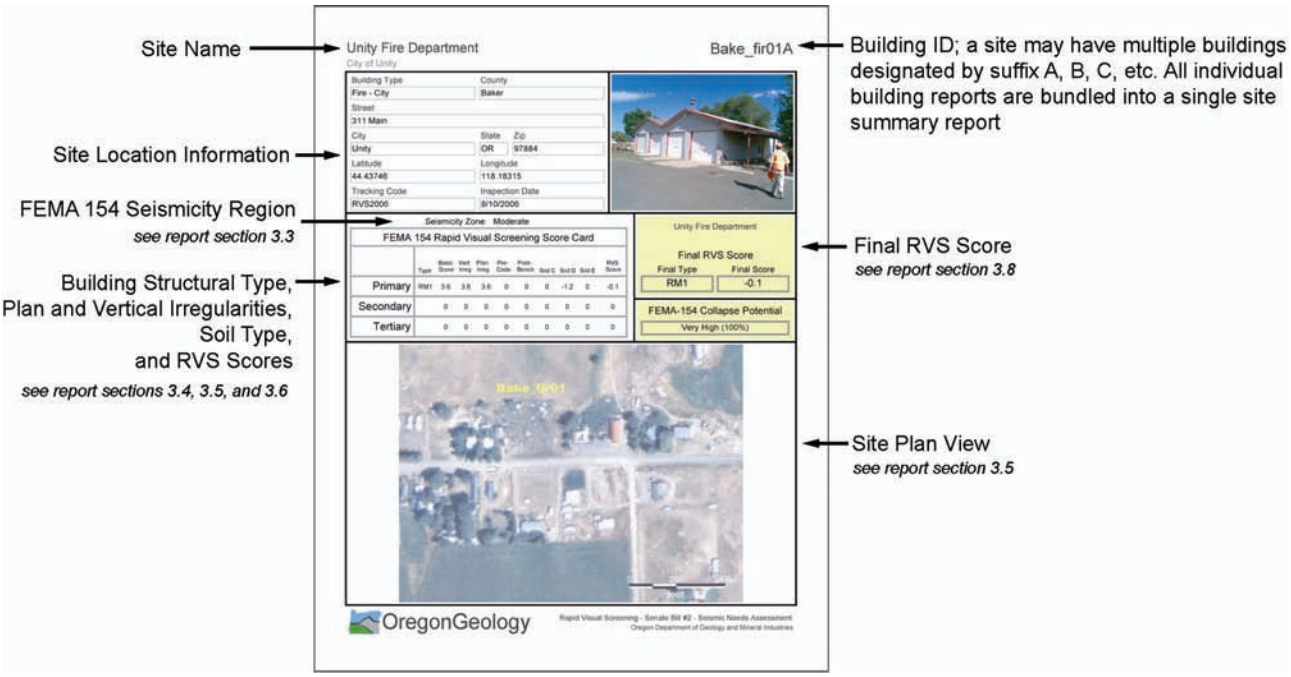


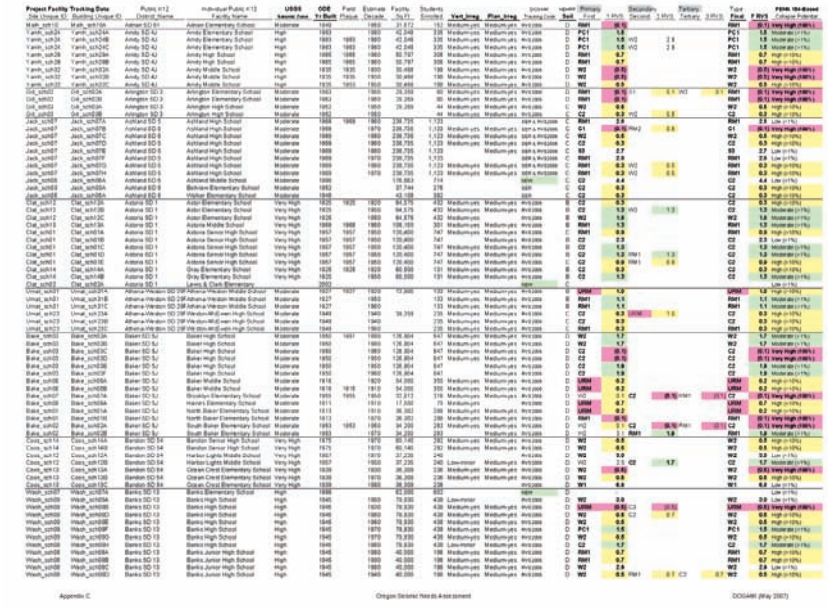
Figure 14. Location of the 1,280 education and 829 emergency sites included in the assessment.

3.0. OREGON SEISMIC NEEDS ASSESSMENT

3.1. Understanding DOGAMI's Seismic Needs Assessment Reports

The results of DOGAMI's seismic needs assessment are presented as individual site summary reports and in spreadsheets by facility type (see appendices). Example summary report and spreadsheet pages are shown in Figure 15. The terminology used in these reports and calculations of scores are described in sections 3.2 through 3.12 below and also defined in the keys given in Appendix I.





Appendix reports contain, for example, final RVS scores and building collapse potential by facility type to allow for easy comparison. Color codes distinguish Very High (red), High (yellow), Moderate (green), and Low (white) seismic risk.

Figure 15. Example seismic needs assessment site summary report and RVS score spreadsheet.

3.2. FEMA 154 and Rapid Visual Screening (RVS) Methodology

Key factors that influence how and why buildings are damaged in an earthquake include:

- geological and soil conditions at the site
- building construction details, including materials, structural systems, and plan configuration
- existing building condition

These factors are at the core of the FEMA-derived rapid visual screening (RVS) procedure that was formulated to identify, inventory and rank buildings that are potentially seismically hazardous.

Initially published in 1988, FEMA 154 report, *Rapid Visual Screening of Buildings for Potential Seismic Hazards: A Handbook*, was written for a broad audience ranging from engineers and building officials to nonprofessionals. The handbook provided a "sidewalk survey" approach that enabled users to classify surveyed buildings into two categories:

- Those acceptable as to life safety, or
- Those that may be seismically hazardous and should be evaluated in more detail

If a building receives a high score the building is considered to have adequate seismic resistance. If a building receives a low score, it should be evaluated by a professional engineer having experience and training in seismic design. On the basis of this detailed inspection, engineering analyses, and other detailed procedures, a final determination of the seismic adequacy and the need for rehabilitation can be made.

During the 1990s the rapid visual screening procedure was used by organizations and agencies to evaluate more than 70,000 buildings nationwide. Concurrent with the use of FEMA 154 (1988), damaging earthquakes occurred in California that provided valuable lessons on structural design for seismic lateral force resistance. Further, extensive research was carried out under the National Earthquake Hazards Reduction Program (NEHRP). These efforts yielded new data on the performance of buildings in earthquakes, and on the expected distribution, severity, and occurrence of earthquake-induced ground shaking. FEMA used these data and research to update and improve the RVS procedure provided in the second edition of the FEMA 154 report, published in 2002. The revised procedure retains the same framework but incorporates a revised scoring system compatible with the ground motion criteria in the FEMA 310 report, *Handbook for Seismic Evaluation of Buildings – A Prestandard* (ASCE, 1998), and the damage estimation data provided in the HAZUS damage and loss estimation methodology.

DOGAMI has relied upon the FEMA 154 report, 2002 edition, to classify the relative seismic risk of qualifying and included education and emergency services buildings in Oregon.

The RVS procedure has a scoring system that requires the user to:

- establish the seismicity zone in which the site occurs,
- determine the soil type beneath the building to a depth of 100 feet,
- identify the primary structural lateral-load-resisting system,
- identify building attributes that modify the seismic performance expected of this lateral-load-resisting system (note: also referred to as "Lateral Force Resisting System," or LFRS),
- recognize falling hazards, although these do not impact the RVS score

DOGAMI chose FEMA preferred method 2, (FEMA 154 report section 2.4.1, page 8) to establish the seismicity zone for every site. Site locations are based upon GPS coordinates recorded in the field or determined by geographic information system (GIS) techniques. Every site in Oregon is then classified as being in either HIGH or a MODERATE seismicity zone. We also provide an additional classification in the database; VERY HIGH, that reflects heightened ground motion anticipated in the coastal region, although this has not affected scores.

3.3. Oregon Seismic Zones for FEMA 154 Scoring

Oregon has two FEMA 154 seismicity regions: High and Moderate. DOGAMI has crafted a "Very High" seismicity region near the coast where earthquake-induced ground motion will be most severe during a Cascadia Subduction Zone event (Figure 16). This designation is for information purposes but does not impact RVS scoring. Sites situated in the Very High zone are scored the same as those in the High seismic zone.

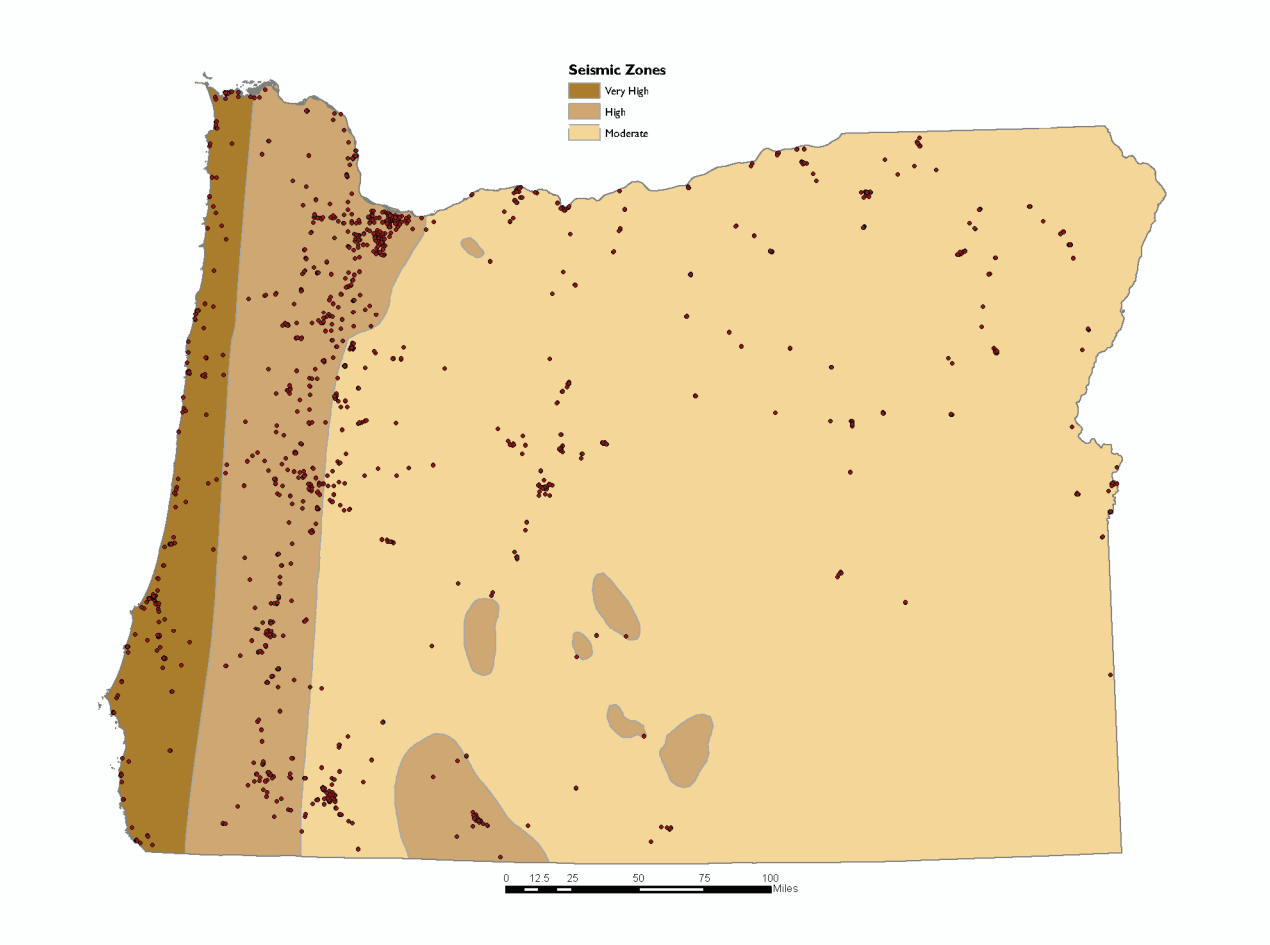


Figure 16. FEMA 154 seismicity zones in Oregon. The VERY HIGH zone that reflects heightened ground motion anticipated in the coastal region is a DOGAMI classification but sites in this zone are scored the same as sites in the High zone.

3.4. RVS Soil Types

NEHRP has established an A to F soil classification scheme, based upon shear wave velocity, relative pounding penetration rate tests and undrained shear strength. We focused on shear wave velocity. (Note: E soils may be subject to liquefaction, wherein the sediment starts to behave like a liquid.)

Table 6. National Earthquake Hazards Reduction Program Soil Classification System

Soil Type	Soil Name	Average Soil Properties for Top 30 m (100 feet)		
		Shear-wave Velocity, V_s (m/s)	Standard Penetration Test, N (blows/foot)	Undrained Shear Strength s_u (kPa)
S_A	Hard Rock	>1,500	—	—
S_B	Rock	760 to 1,500		
S_C	Very Dense Soil and Soft Rock	360 to 760	>50	100
S_D	Stiff Soil	180 to 360	15 to 50	50 to 100
S_E	Soft Soil	<180	<15	<50
S_F	Soil Requiring Site-specific Evaluation			

DOGAMI found two sources of data to determine the NEHRP soil type for each building:

- DOGAMI has previously released data that include either 3-dimensional (43% of buildings) or 2-dimensional NEHRP soil values (37%) over certain Oregon urban areas and county regions (Figure 17).
- We sourced the Oregon Department of Water Resources water well data set and triangulated an average soil profile, and resultant shear wave velocity, beneath each site (57%)

For the 37% of buildings where both 2-dimensional and well data sources were available, the soil values matched with an 87% frequency. Where 2-dimensional and soil values did not match, the details were reviewed on a case-by-case basis.

The frequency of occurrence of each soil type for the 3,404 screened buildings with soils is B: 679, C: 1,549, D: 1,141, and E: 35. Basic RVS scores assume a B soil (rock). Soil types C, D, and E introduce negative RVS score modifiers that thereby increase the estimated probability of building collapse due to maximum considered earthquake ground motions.

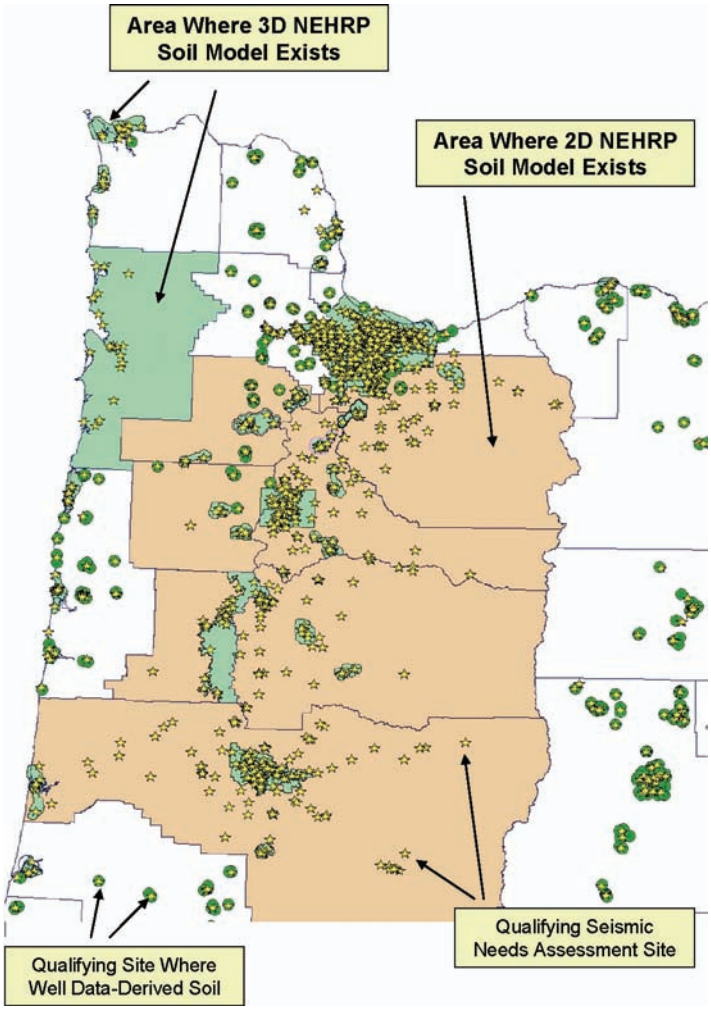


Figure 17. Relationship of areas of NEHRP soil models to seismic assessment sites and ODWR well data based soil profiles.

3.5. RVS Building Irregularities, Plan Views, and "Buildings" versus "Sites"

The horizontal and vertical shapes of buildings have marked impacts on building performance during an earthquake, so the RVS technique uses both "vertical irregularities" and "plan irregularities" as negative score modifiers (Figure 18 and Appendix J).

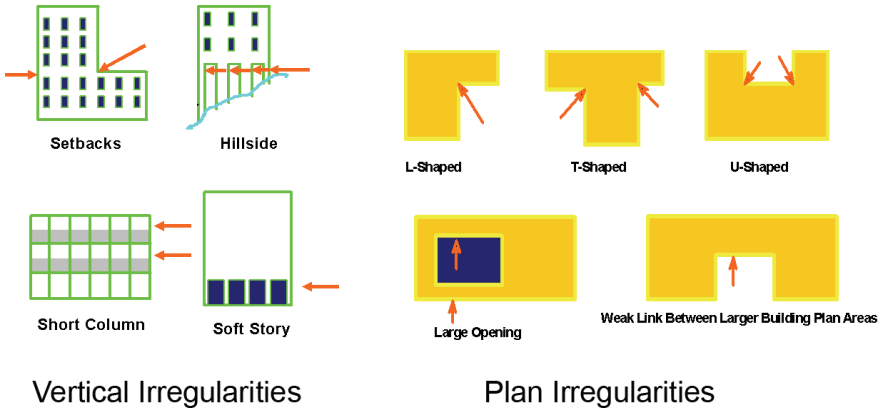


Figure 18. Vertical and plan irregularities describe the shapes of buildings and impact building performance during an earthquake. See Appendix J.

In addition to locating and mapping each site to be assessed, DOGAMI provided a "plan view" map image of each site (Figure 19). This provided a useful field guide to plan irregularities, scale, and position of individual buildings:

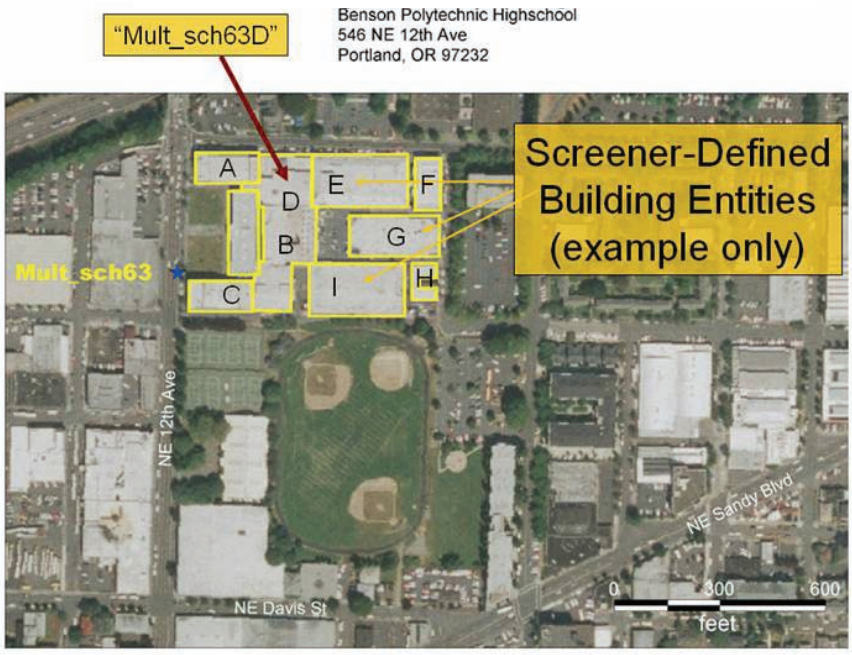


Figure 19. A plan view for each site shows the location of each building assessed at the site.

3.6. RVS Structural Type

Buildings are constructed from wood, steel, concrete, and/or masonry. Schematic diagrams of the key structural types, along with their post-benchmark building code dates for Oregon are shown in Figure 20.

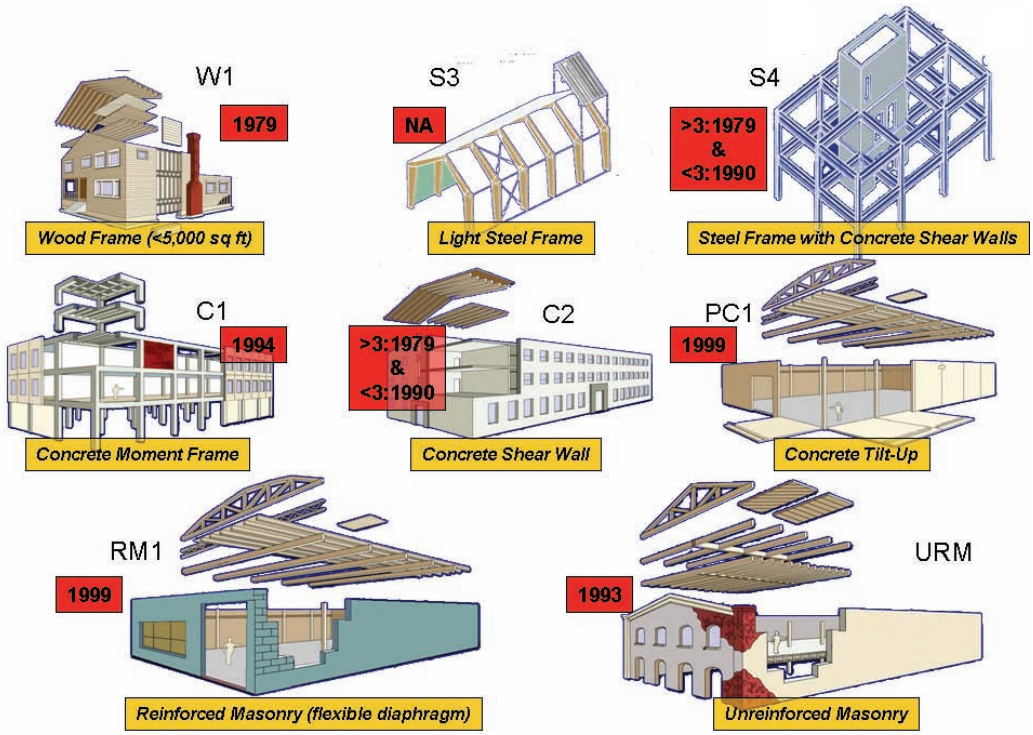


Figure 20. FEMA 154 benchmark dates and building structural types. See Table 7 for definitions. The number 3 in the red boxes indicates greater than or less than 3 stories.

Lateral force resisting systems are based upon shear wall, moment frame, or lateral bracing techniques.

The combinations and permutations of these materials and systems derive 15 RVS structural types shown in Table 7. Table 7 also includes key benchmark dates for each building type, wherein critical improvements were made in seismic design standards. In Oregon the UBC dates are relevant.

Table 7. Benchmark Years for Building Structural Types in the Assessment

Building Type		Model Building Seismic Design Provisions			
		BOCA	SBCC	UBC	NEHRP
W1:	Light wood-frame residential and commercial buildings smaller than or equal to 5,000 square feet	1992	1993	1976	1985
W2:	Light wood-frame buildings larger than 5,000 square feet	1992	1993	1976	1985
S1:	Steel moment-resisting frame buildings	**	**	1994	**
S2:	Braced steel frame buildings	1992	1993	1988	1991
S3:	Light metal buildings	*	*	*	*
S4:	Steel frame buildings with cast-in-place concrete shear walls	1992	1993	1976	1985
S5:	Steel frame buildings with unreinforced masonry infill walls	*	*	*	*
C1:	Concrete moment-resisting frame buildings	1992	1993	1976	1985
C2:	Concrete shear-wall buildings	1992	1993	1976	1985
C3:	Concrete frame buildings with unreinforced masonry infill walls	*	*	*	*
PC1:	Tilt-up buildings	*	*	1997	*
PC2:	Precast concrete frame buildings	*	*	*	*
RM1:	Reinforced masonry buildings with flexible floor and roof diaphragms	*	*	1997	*
RM2:	Reinforced masonry buildings with rigid floor and roof diaphragms	1992	1993	1976	1985
URM:	Unreinforced masonry bearing-wall buildings	*	*	1991	*

*No benchmark year; **contact local building department for benchmark year.
BOCA: Building Officials and Code Administrators, *National Building Code*
SBCC: Southern Building Code Congress, *Standard Building Code.*
UBC: International Conference of Building Officials, *Uniform Building Code*
NEHRP: National Earthquake Hazard Reduction Program, *FEMA 302 Recommended Provisions for the Development of Seismic Regulations for New Buildings*

DOGAMI used the FEMA default value of 1941 as the pre-code year. After examination of the building code history in Oregon we selected the post-benchmark years shown in Table 8, reflecting when appropriate seismic zones and UBC criteria were adopted.

Table 8. FEMA 154 Post-Benchmark Dates for Oregon

	W1	W2	S1	S2	S3	S4	S5	C1	C2	C3	PC1	PC2	RM1	RM2	URM
Post-benchmark year:	1979	1979	1996	1994	NA		NA	1994		NA	1999	NA	1999		1993
Year if 3 or more stories						1979			1979					1979	
Year if 1 or 2 stories						1990			1990					1990	

3.7. RVS Data Collection

DOGAMI contracted RVS-experienced engineering and architecture professors from the three major Oregon universities, along with selected students, to collect field data where buildings were pre-determined to have been built before 1994 and had not been seismically rehabilitated. Screeners followed the protocol provided in Appendix K.

Careful effort was made to ensure consistency between screeners in determining building types and important RVS score modifiers, such as vertical and horizontal irregularities. DOGAMI senior staff and project leaders provided quality control for screeners and results.

Screeners were provided global positioning system (GPS) navigation devices to collect accurate spatial data, and a PC tablet loaded with pull down menu-style RVS data entry forms (Figure 21). Screeners were asked to verify key data such as physical address and building entity year built. A digital camera was integrated with the tablet to capture evidence of key decisions the screeners made. The photographs and screening results were web-linked and synchronized at regular intervals to a SQL server hosting the database.

Figure 21. Screeners in the field used computer tablets for data entry. Screeners used a digital camera (attached to tablet at left) to take photographs of buildings and irregularities.

Screeners had the flexibility to separate the buildings encountered on each site into individual building entities in order to more accurately capture individual buildings, varying building types that may be attached, and construction vintage. Thus, the database contains 3,349 building entities at 2,109 sites. K-12 schools averaged three building entities per site, when RVS field data were collected during 2006, whereas fire and police stations rarely had more than one building identified.

3.8. RVS Scoring

FEMA 154 provides data collection form templates for each of the LOW, MODERATE and HIGH seismicity zones. Scoring on each sheet varies by building type, irregularity, pre-code and post-benchmark dates, and by soil types. The final score relates to the expected probability of collapse due to the maximum considered earthquake ground motions. A score of 3.0 is a probability of 0.1%, whereas scores of 2.0 and 1.0 represent probabilities of 1% and 10%, respectively. Therefore, lower RVS scores indicate greater risk. Negative RVS scores are possible, but do not have added significance. Where necessary, screeners collected data for up to three building types per building. The FEMA 154 protocol is used to select the lowest scored type.

The hypothetical and simplified score sheet in Figure 22 illustrates the manner in which a screener selected three different building types of the same building encountered in the field. This example assumes a two-story school building with brick cladding that disguises its structural type. The building has both vertical and plan irregularities. The three structural types shown here are the dominant types in this assessment dataset. The impacts that the score modifiers have on the calculated final RVS scores are shown:

Example of Calculating a FEMA 154 RVS Score:

Seismicity Zone: ***High*** Precode: ***1941***

	Primary Choice	*Secondary*	*Tertiary*
	Wood (<5,000 sq ft)	Conrete (Shear Wall)	Reinforced Masonry
Building Type	W2	C2	RM1
Year Constructed	1986	1986	1986
Basic Score	3.8	2.8	2.8
Pre-code Modifier	0	0	0
Plan Irregularity Modifier	(0.5)	(0.5)	(0.5)
Vertical Irregularity Modifier	(2.0)	(1.0)	(1.0)
Post-Benchmark Year for Code	**1979**	**1990**	**1999**
Post-benchmark Modifier	2.4	0	0
Soil Type E Modifier	(0.8)	(0.8)	(0.4)
Final RVS Score	2.9	**0.5**	0.9

Figure 22. Hypothetical, simplified RVS score sheet. The lowest score (0.5) from the three structural types is the one selected as the building's final RVS score.

The detail of the Figure 22 example includes:

- The building has a plaque that states it was constructed in 1986; therefore no pre-1941 pre-code modifier applies.
- The critical post-benchmark date for W2 wood frame buildings is 1979. Because the building was built in 1986, the post-benchmark modifier applies to the W2 primary choice. The other two types, C2 and RM1, have much more recent post-benchmark dates, reflecting that only more recent building codes include adequate lateral force resisting systems.
- Although wood-framed buildings have basic RVS scores that are greater than the other types, they also have greater vertical irregularity negative modifiers.
- The Secondary final RVS score is the lowest, so it is selected as the Final RVS score.
- The 0.5 RVS score translates to a 32% probability of collapse, and DOGAMI labels this score range as having HIGH relative seismic risk.

This example demonstrates the limitations of having general, as opposed to specific, information.

3.9. RVS Building Type Results

The distribution of building types within this assessment is shown in Table 9 and in Figure 23.

Table 9. Distribution of Building Types Found in the Seismic Needs Assessment
See Table 7 for definitions.

	W1	W2	S1	S2	S3	S4	S5	C1	C2	C3	PC1	PC2	RM1	RM2	URM
K-12 Schools	68	**563**	4	27	25	3	2	38	**409**	9	90	6	**668**	3	101
Community College	2	19	1	5	3	2	2	**30**	20	-	3	17	**30**	2	3
Fire & Police	**160**	100	1	2	**136**	2	-	21	58	2	12	1	**241**	4	21
	230	682	6	34	164	7	4	89	487	11	105	24	939	9	125

The most prevalent types of K-12 schools are reinforced masonry buildings with flexible floor and roof diaphragms (such as wood or steel), large wood frame buildings, and concrete shear wall buildings. Community college buildings are frequently either concrete moment frame or concrete shear wall structures, typical of high-rise buildings in the urban environment. Fire stations are consistently small wood, light steel frame, or concrete block (reinforced masonry) buildings.

Steel buildings, other than the light steel frame fire stations, are not a common RVS building type due to the limitations and design of the RVS technique:

- The majority of buildings in this assessment were not multi-storied.
- Screeners did not have the opportunity to review building plans.
- Buildings commonly have brick cladding that disguises the lateral resisting force system.

Given that K-12 schools average nearly 10 times the gross square footage of fire and police stations and that they are generally older, more complex buildings that commonly have both vertical and plan irregularities and have been built on slopes, we anticipate lower RVS scores, with the accompanying greater probabilities of collapse.

In an absolute sense, K-12 schools dominate the universe of assessed buildings in Oregon:

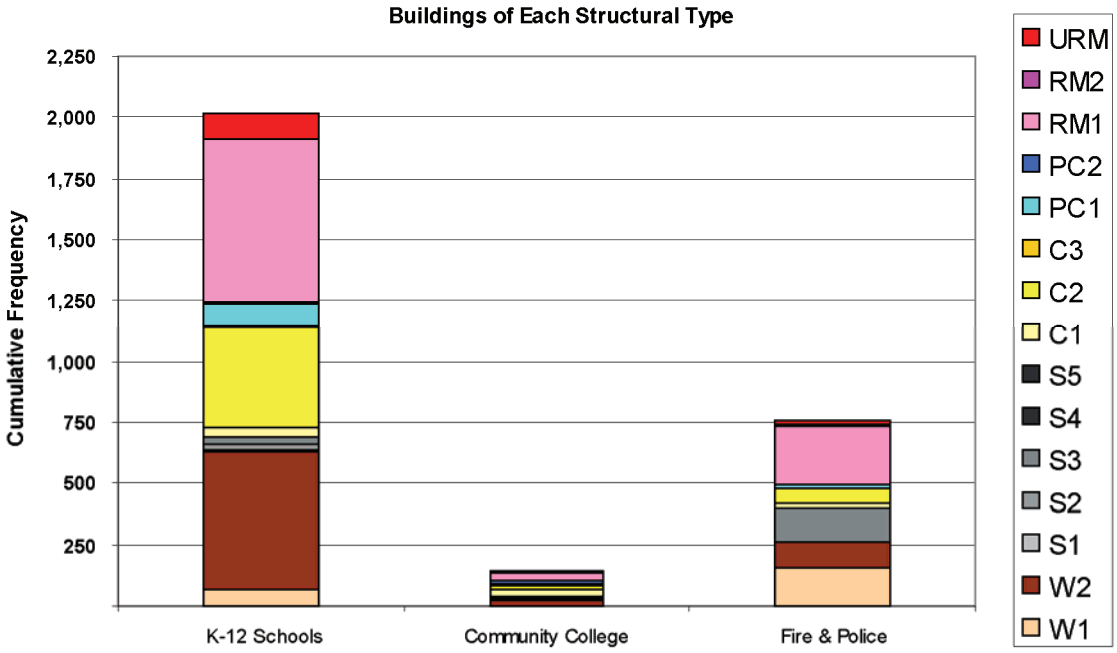
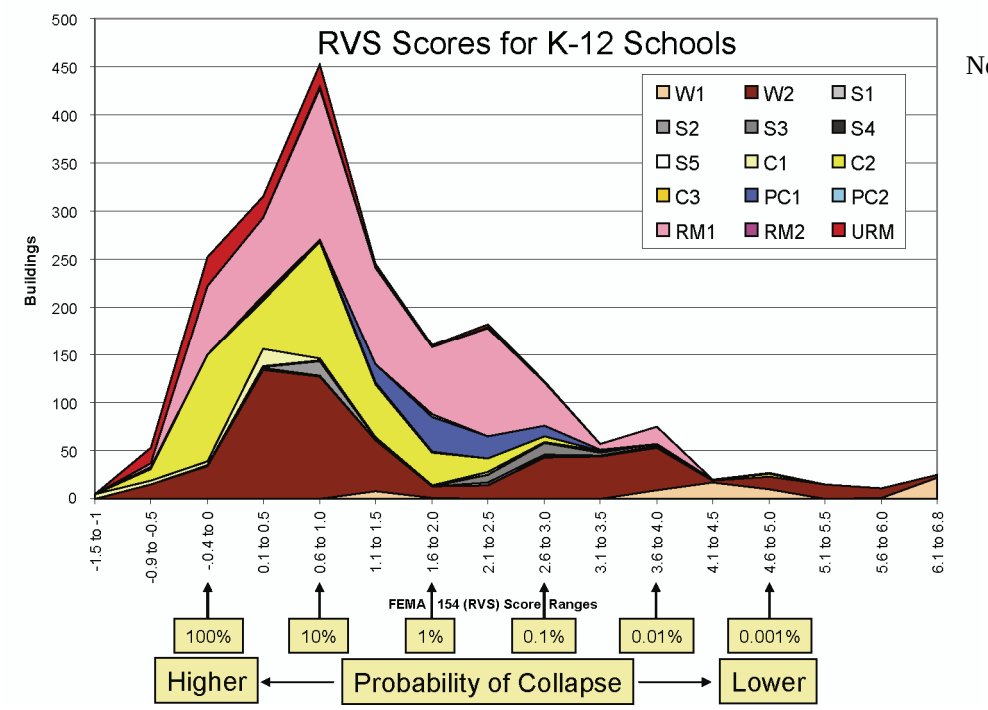


Figure 23. Distribution of building structural type. See Table 7 for definitions.

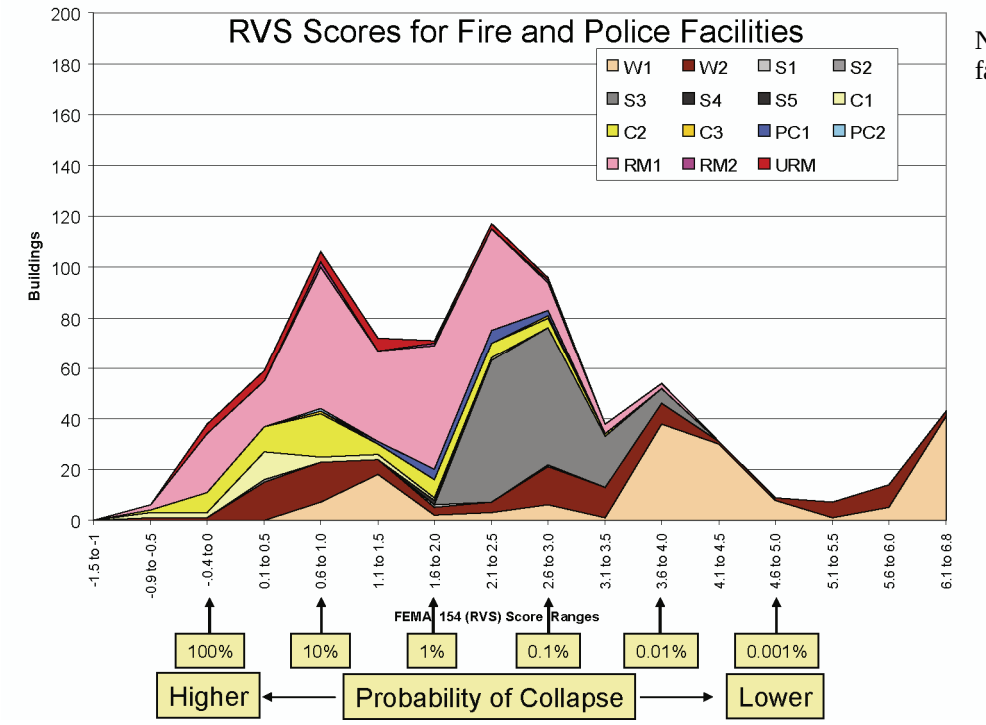
3.10. RVS Score Results

RVS scores, along with the RVS fields that drive them, are provided for each qualifying site as Appendix C (K-12 schools), Appendix D (Community college buildings), Appendix E (City Fire and Police Departments, County Sheriff's Offices, Oregon State Police, and Rural Fire Protection Districts) and Appendix F (Hospitals). RVS score ranges per building type for each major facility type are shown in Figure 24.



Notes for K-12 facilities:

- Both small and large wood frame buildings (W1 and W2) have a bimodal distribution, reflecting the presence of vertical and horizontal irregularities in the lower-scoring buildings
- The large number of buildings with scores below 2.0 correlates to the original construction dates



Notes for Fire and Police facilities:

- Small wood frame buildings have a strong bimodal distribution, with the dominant mode in the lower probability of collapse region
- The significant number of light steel frame buildings cluster in the mid-score range
- The lowest scores correspond to the reinforced masonry type, followed by large wood frame and concrete shear wall buildings

Figure 24. RVS scores for (top) K-12 schools and (bottom) fire and police facilities. See Table 7 for definitions.

Figure 25 highlights the variance between K-12 and fire and police building populations. The FEMA 154 scoring defines buildings with a score of 2.01 and above as “adequate” and 2.0 and below as “inadequate.” We have divided the relative seismic risk into Very High, High, Moderate, and Low categories, and in this report we have assigned a color code of red (Very High), yellow (High), green (Moderate), and white (Low) to seismic risk categories.

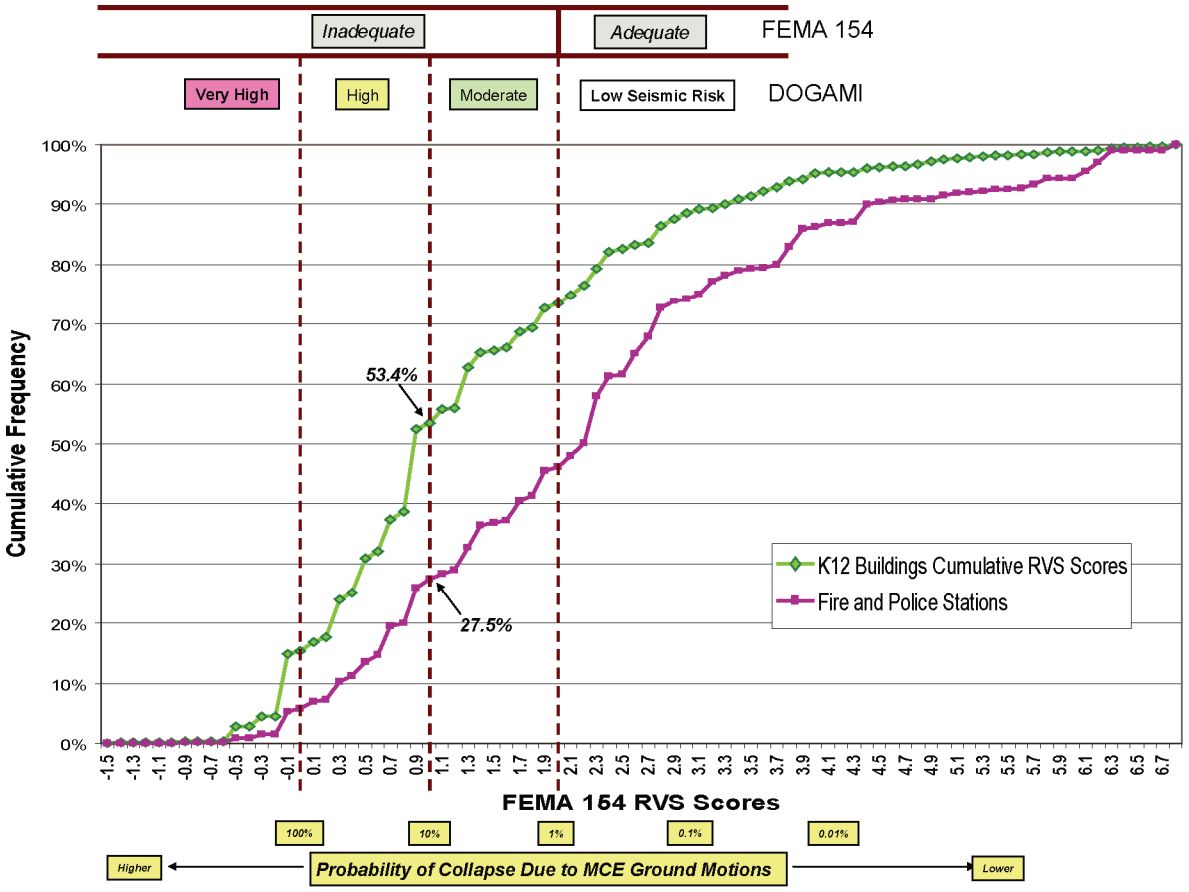


Figure 25. Variance between K-12 and police and fire station building RVS scores. At 10% probability of collapse 53.4 % of K-12 schools are vulnerable whereas 27.5% of fire and police stations are vulnerable. FEMA 154 and DOGAMI risk categories are also shown.

3.11. District-Level Relative Seismic Risk

Although there are important exceptions at the individual building level, school, hospital, city fire and police and rural fire protection districts each tend to have a fairly consistent incidence of their buildings' relative seismic risk.

DOGAMI has ranked relative seismic risk at the district level. Table 10 illustrates the procedure and the results.

Table 10. District Level Seismic Risk Scores. Data are telescoped at the hash-marks for demonstration purposes.

			Seismic Risk Categories			
		District Risk:	>300	>50	<50	
			High	Medium	Low	
	RVS Score:	<0.0	0.1-1.0	1.1-2.0	>2.0	
K-12 Public School Buildings		Individual Building Collapse Potential				**District Relative**
District_Name	**V High**	**High**	**Mod**	**Low**	**Sum**	**Seismic Risk**
Adrian SD 61	**1**	-	-	-	1	**1,000**
Lake County SD 7	**7**	1	-	-	8	**888**
Elgin SD 23	**4**	1	-	-	5	**820**
Imbler SD 11	**3**	1	-	-	4	**775**
Prairie City SD 4	**4**	1	-	2	7	**586**
South Umpqua SD 19	**4**	6	2	3	15	**308**
McMinnville SD 40	**3**	3	1	4	11	**301**
Monument SD 8	**1**	2	-	1	4	**300**
Port Orford-Langlois SD 2CJ	**1**	2	-	1	4	**300**
Umatilla SD 6R	**1**	2	-	1	4	**300**
Hood River County SD	**9**	2	6	14	31	**299**
Amity SD 4J	**2**	3	3	-	8	**291**
Riddle SD 70	**1**	4	-	-	5	**280**
Pine Eagle SD 61	**1**	1	1	1	4	**278**
Klamath County SD	**4**	15	1	-	20	**276**
Parkrose SD 3	**-**	5	3	2	10	**53**
Santiam Canyon SD 129J	**-**	2	1	1	4	**53**
Tigard-Tualatin SD 23J	**-**	18	11	8	37	**52**
Crow-Applegate-Lorane SD 66	**-**	1	-	1	2	**51**
Sheridan SD 48J	**-**	1	-	1	2	**51**
Newberg SD 29J	**-**	4	1	4	9	**46**
North Marion SD 15	**-**	4	1	4	9	**46**
West Linn-Wilsonville SD 3J	**-**	7	4	6	17	**44**
Redmond SD 2J	**-**	11	10	7	28	**43**
Mt Angel SD 91	**-**	5	1	6	12	**43**
Estacada SD 108	**-**	-	-	5	5	**1**
North Lake SD 14	**-**	-	-	3	3	**1**
Oregon Trail SD 46	**-**	-	-	7	7	**1**
Perrydale SD 21	**-**	-	-	1	1	**1**
Stanfield SD 61	**-**	-	-	2	2	**1**

The procedure works as follows:

- The number of buildings per district in each seismic risk category is recorded.
- A logarithmic scoring system, weighted by the number of buildings in each seismic risk category, is introduced (1000 points for Very High, 100 for High, 10 for Moderate and 1 for Low).
- The weighted average district-level relative seismic risk score is calculated.
- District-level seismic risk scores are given a Highest, Medium, or Lowest seismic risk label based upon key break points in the school district seismic scores.

The same point-based relative seismic risk scheme is used for community college, hospital, city fire and police, county sheriff, and rural fire protection districts (1000–300: Highest; 299–50: Medium; 49–1: Lowest).

It is vital to note that this scheme does not suggest that individual school buildings that have Very High seismic risk yet are located within Lowest Seismic Risk districts have less need for seismic rehabilitation than do similarly rated schools located in Highest Seismic Risk districts. Rather, this approach ranks school districts versus one another by their relative seismic risk.

Listings of district-level relative seismic risk are provided as Appendix G (K-12 and Community College Districts) and Appendix H (Fire and Police Districts and Acute Care Hospitals).

3.12. RVS Score Results

In summary, the seismic risk of Oregon essential services buildings qualifying and included in this statewide seismic needs assessment is dominated by K-12 public schools, as shown in Table 11 and Figure 26.

Table 11. Summary of Seismic Risk for All Qualifying Sites and Buildings

Summary of Seismic Risk for all Qualifying Sites & Buildings			Score:	<0.0	0.1-1.0	1.1-2.0	>2.0
	# of	# of	# of	FEMA 154-Based Collapse Potential			
Seismic Needs Assessment District	Districts	Schools	Buildings	Very High	High	Moderate	Low
Education:							
K12 Public School Districts & ESD	170	1101	2185	273	745	501	666
Community College Districts	17	179	184	20	73	33	58
Sum Education	***187***	***1280***	***2369***	***293***	***818***	***534***	***724***
Emergency:							
City Districts (Police & Fire Departments)	143		327	26	78	75	148
Rural Fire Protection Districts	191		440	13	62	62	303
County Sheriff's Offices	34		73	5	24	18	26
Oregon State Police	1		26	0	5	4	17
Port of Portland	1		1	0	0	0	1
Acute Care Hospitals	58		116	10	26	10	70
Sum Emergency	***428***		***983***	***54***	***195***	***169***	***565***
		SUM ALL:	***3352***	***347***	***1013***	***703***	***1289***
				10%	*30%*	*21%*	*38%*

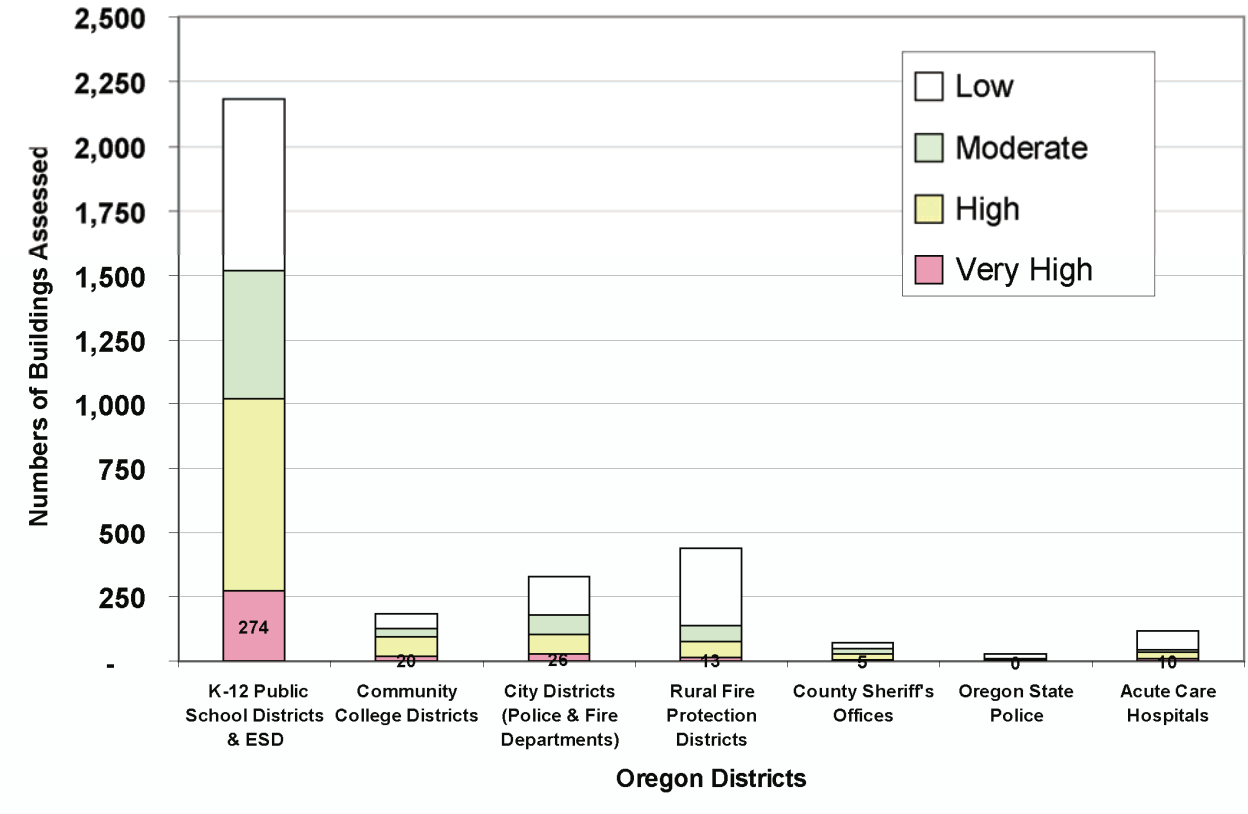


Figure 26. Graphical summary of seismic risk for all qualifying sites and buildings.

Note: Based upon the data at hand, we anticipate that the Oregon University System will have about twice the number of buildings as community colleges and will have a seismic risk distribution similar to the K-12 school system. In this case, the OUS universe of buildings will likely have one third the scope of problem that the K-12 system has.

The spatial distribution of relative seismic need demonstrates “Very High Relative Seismic Risk” scattered throughout the state (Figure 27), with “Low Relative Seismic Risk” found especially in areas flanking the Willamette Valley where soils are thin and less problematic.

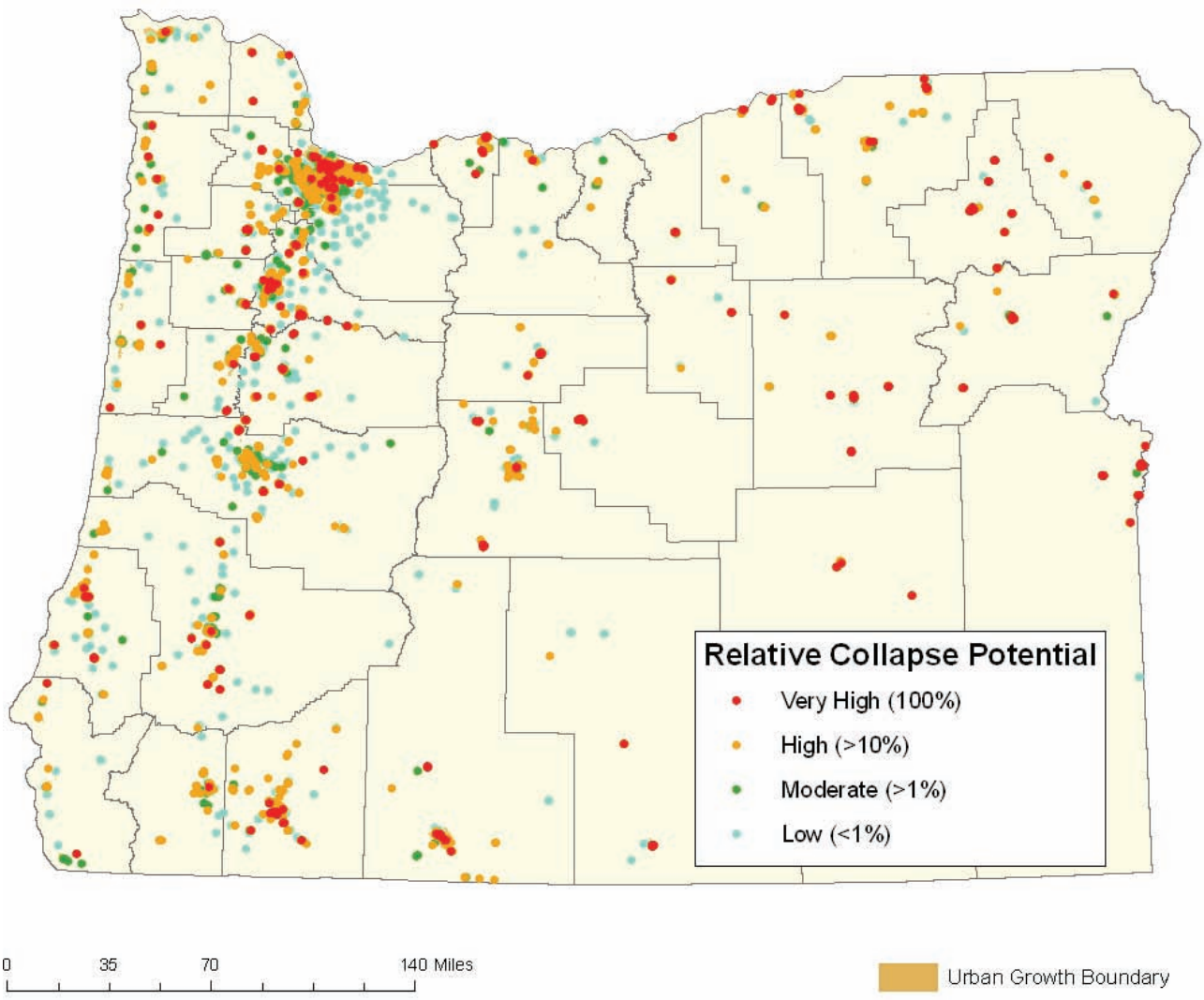


Figure 27. Relative collapse potential for all sites in this seismic needs assessment study.

Very High Relative Seismic Risk building locations are scattered across the state (Figure 28). Each district type has examples of this category.

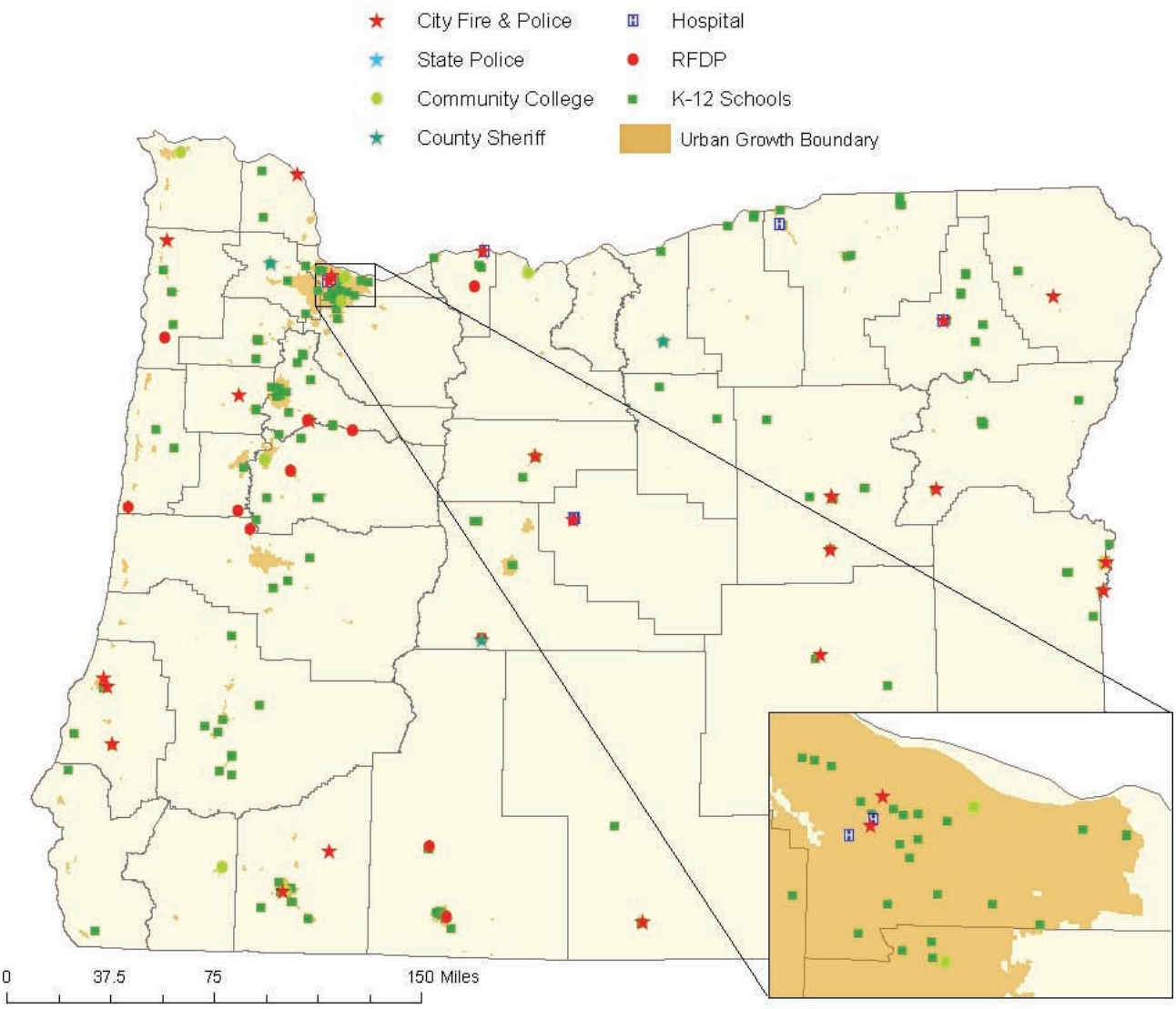


Figure 28. All locations with Very High relative seismic risk in this seismic needs assessment.

4.0. RELATIVE NEED

The legislative directives include an instruction for DOGAMI to rank the visual screening results in risk categories on the basis of need and other categories. The other categories are:

- Importance of the building to the community,
- Risk to the building posed by its location,
- Risk posed to the community by the collapse of the building during a seismic event,
- Projected cost of the necessary seismic rehabilitation

We were not able to determine the relative importance of any one building to one community versus the importance of another building to another community, and an assessment of the projected cost of necessary seismic rehabilitation of each building is far beyond the scope and funding of this project. We did assess the risk posed to buildings by their proximity to the hazard of tsunami inundation. We suggest that one could proportion relative risk posed to a community by the collapse of any one building by multiplying the probability of collapse by occupancy or enrollment.

We have focused on need. Need is defined by dictionary.com as:

1. a requirement, necessary duty, or obligation:
2. a lack of something wanted or deemed necessary:
3. urgent want, as of something requisite:
4. necessity arising from the circumstances of a situation or case:
5. a situation or time of difficulty; exigency:
6. a condition marked by the lack of something requisite:
7. destitution; extreme poverty:
8. to have need of; require
9. to be under an obligation
10. to be in need or want.
11. to be necessary:

In order to quantify need, DOGAMI has focused in on the 10th listed meaning: **To be in Need or Want**, as in "To need money."

The logic behind this is that we anticipate considerable interest at the district level for State-sourced seismic rehabilitation bond funds, given the consistent perspective that Oregon does not have a surplus of General and Lottery funds to finance many new construction projects. By identifying the relative fiscal need of various districts in advance, especially as compared to their relative seismic risk, we arm the Seismic Rehabilitation Grant Committee with additional information for their deliberations.

The basis of relative district fiscal need by district type was determined as follows:

- K-12 school districts — 3 methods (see Appendix G):
    - U.S. Census Small Area Income and Poverty Estimates (SAIPE) data provided federal estimates of the number of school-aged children in poverty within each school district in 2004 (most recent accessible data). We then calculated the percentage of school aged children in poverty per district (a proxy for presence of community need).
    - the Oregon Department of Revenue's Oregon Property Tax Statistics Supplement provided property taxes paid per district for 2005-06, that we then calculated per enrolled student (a proxy for relative property value and community wealth, or absence of community need), and
    - Many school districts' voters have approved school bonds in the 1997–2006 period; we calculated an average amount of bonds raised per 2005-06 enrolled student.
- Hospitals: annual gross patient revenues were factored into the relative fiscal need determination, with low revenues generally translating into higher fiscal need.

The objective was to provide reliable quantitative data for the Seismic Rehabilitation Grants Committee. In essence, the objective is to reduce risk and need into a two-dimensional plot (Figure 29).

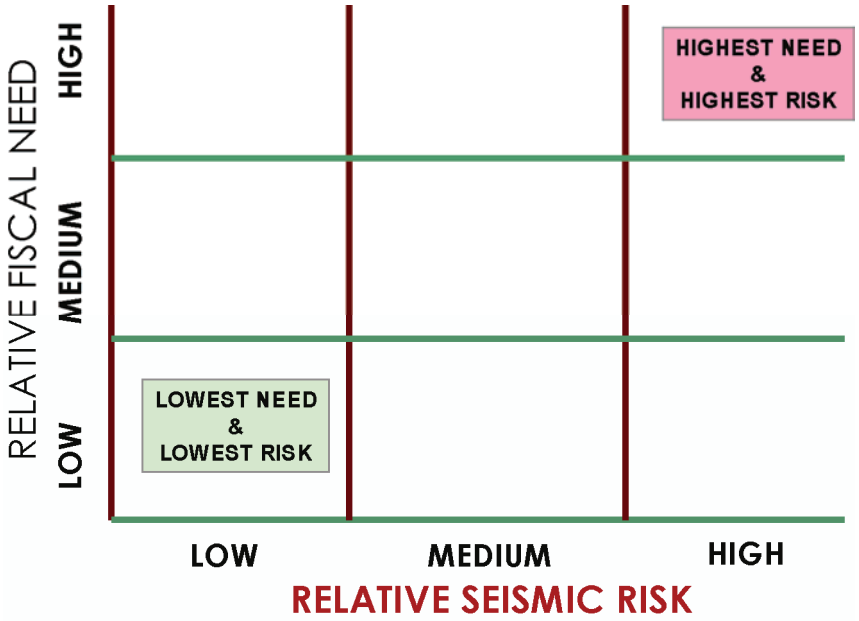


Figure 29. Seismic risk and need can be reduced to a two-dimensional plot.

4.1. K-12 School District Relative Fiscal Need

The U.S. Census SAIPE data for 2004 provides estimates of the total population, age 5-17 school-aged population, and number of age 5–17 living in households in poverty for every school district (SD) in the nation. We calculated the proportion of school aged children in poverty (Oregon average: 14.2%, ranging from 26.9% in Elgin SD and North Powders SD to 2.7% in Lake Oswego SD) as one method to determine the presence or absence of school district relative fiscal need:

The Oregon Department of Revenue (ODR) Research Section annually prepares an Oregon Property Tax Statistics Report and Supplement. The supplement includes school and other district property tax data. We selected the Total Tax Imposed data field to compare with school district enrollment take from the ODE 2005-06 database (Figure 30). We excluded property taxes imposed for school bond sales.

The relationship between the two methods for the large school districts is relatively strong, with a -62% correlation. For example, **less wealthy – higher poverty** school districts such as Woodburn, David Douglas, and Klamath Falls City have high relative fiscal need by both methods, whereas **more wealthy – lower poverty** school districts such as Lake Oswego, West Linn, Tigard-Tualatin, and Sherwood have low relative fiscal need by both methods.

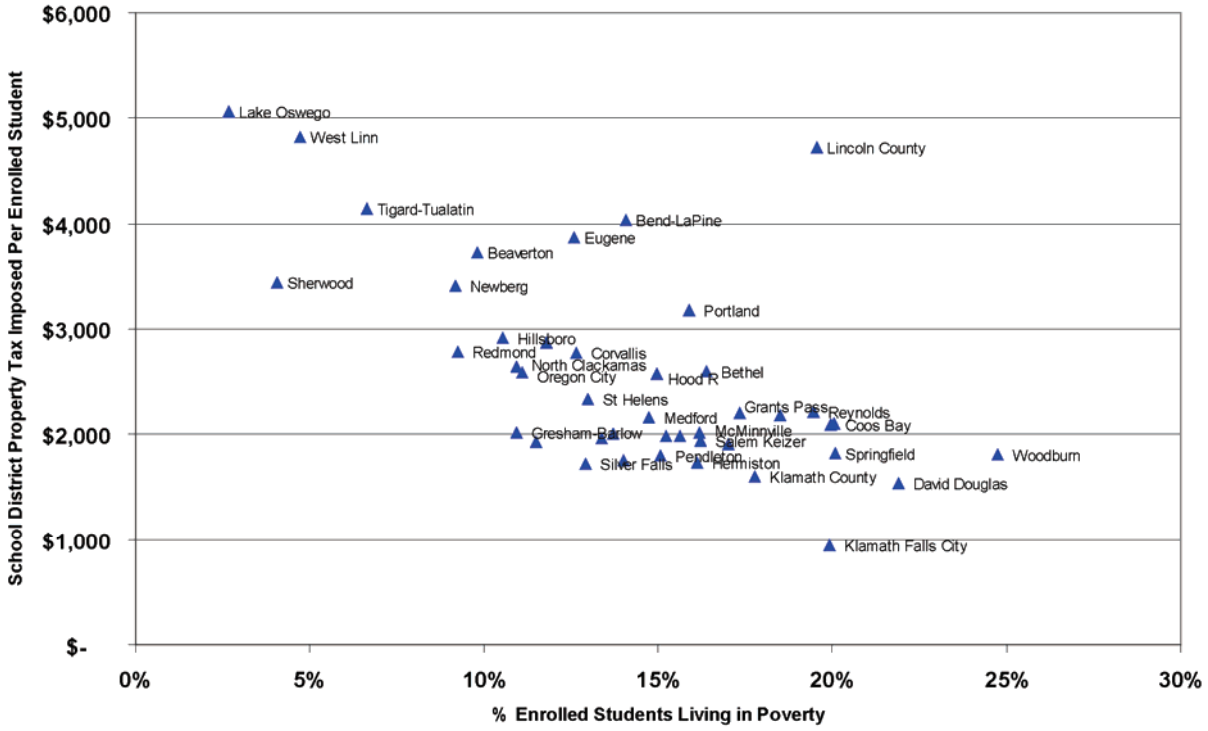


Figure 30. Plot of school district property tax per student versus percentage of enrolled students living in poverty for the largest 43 school districts in Oregon (77% of enrolled students in the state).

It is noteworthy that several Oregon coast school districts are characterized by high property values, an older-skewed population base, and relatively soft economic conditions (Figure 31). These districts have lower need by the wealth method and higher need by the poverty method.

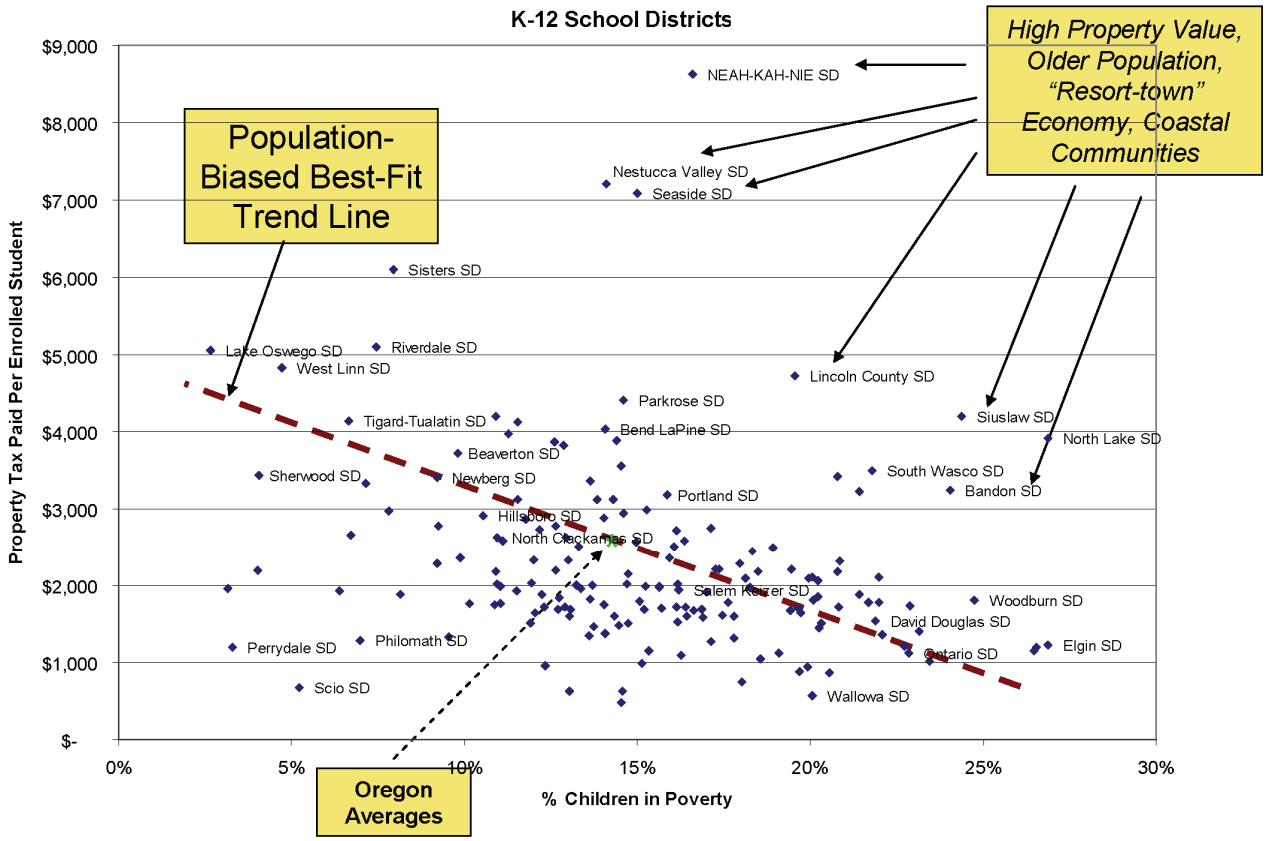


Figure 31. Plot of property tax paid per enrolled student versus percentage of children in poverty for all school districts included in the assessment.

4.2. Fiscal Need: General Obligation Bond Data

In Oregon there is a mixed record of success by school districts in gaining voter approval in passing measures to approve the issuance of general obligation bonds to finance the capital cost of new school and seismic rehabilitation construction.

During the May 1997 through November 2006 period, 92 Oregon school districts have gained voter approval to issue bonds totaling $3.67 billion (Figure 32). The greatest monetary success was in the November 2006 general election, wherein 17 districts passed bonds totaling $1.33 billion, while 19 districts had bonds fail, totaling $0.65 billion.

Certain districts, such as Cascades, Gervais, Milton-Freewater, David Douglas, and Molalla River, have a track record of repeated measure failure, whereas others, such as North Clackamas, West Linn-Wilsonville, and Bend-LaPine have consistent success. Many school districts, such as Oregon City, Clatskanie, St Helens, Coquille, Redmond, Central Point, Rogue River, Silver Falls, Centennial, and Reynolds, have measures that were successful on the third attempt during this period.

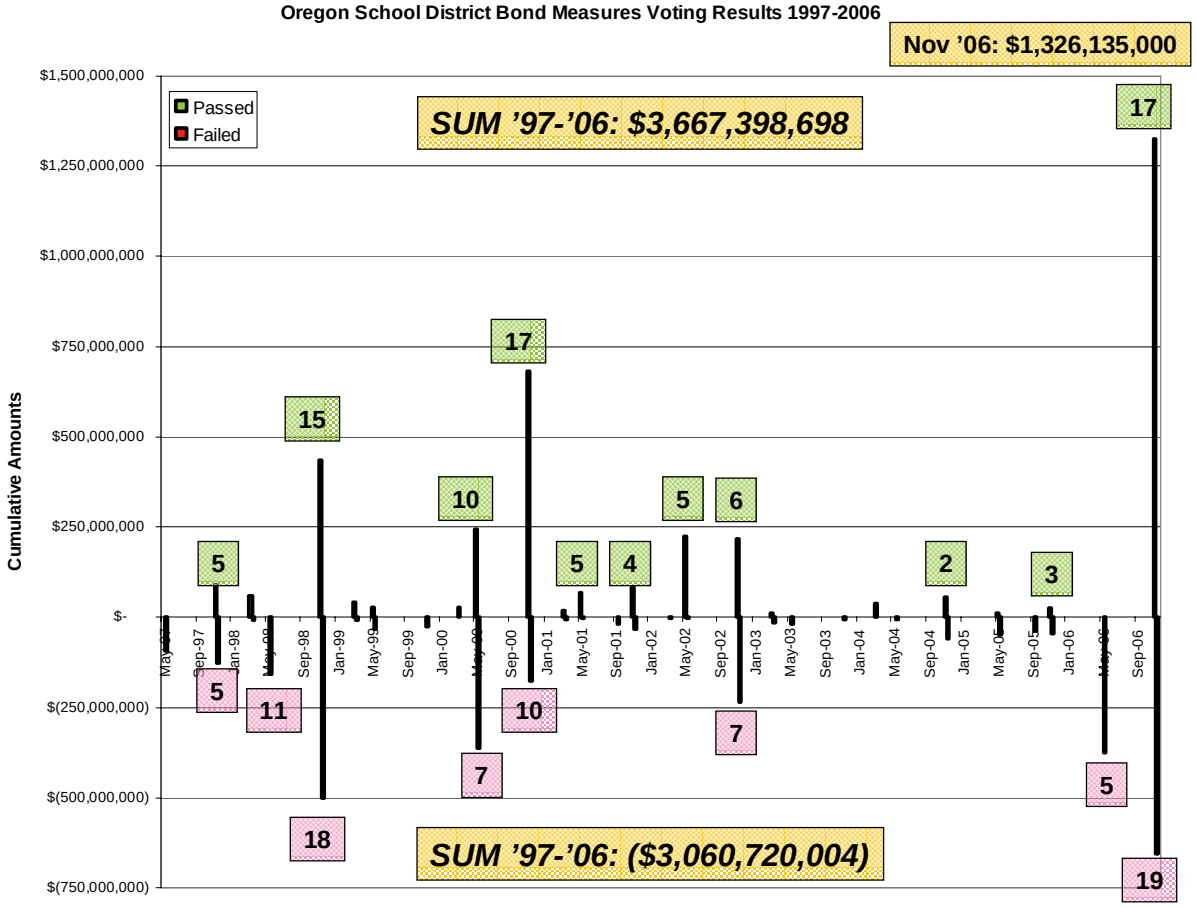


Figure 32. Oregon school district bond measures voting results 1997–2006.

Similarly, in November 2006 voters authorized 20 fire and police districts to issue bonds totaling $157 million while they turned down requests by 10 fire and police districts for bonds totaling $42 million (Table 12). Ten fire districts gained at least 60% approval, versus only one school district. During the same election, all five requests by community college districts, totaling $197 million, failed to gain voter support.

November 7, 2006 Oregon School District and Community College Capital Projects Bond Measure Election Results

K-12 District	ADM	Measure	Bond Amt	Yes	No	%Yes	Reg Voters	Votes	%Turnout
St Paul	229	24-226	$ 4,100,000	312	149	67.7%	140,755	90,270	64.1%
Bend-LaPine	14166	9-45	$ 119,000,000	22,737	15,309	59.8%	82,797	58,351	70.5%
Beaverton	35000	34-139	$ 195,000,000	31,543	22,009	58.9%			
Cove	240	31-63	$ 475,000	430	321	57.3%	14,174	10,225	72.1%
Springfield	10826	20-117	$ 42,745,000	11,982	9,289	56.3%	190,716	126,888	66.5%
Ashland	2825	15-68	$ 46,800,000	5,970	4,690	56.0%	113,997	75,325	66.1%
McMinnville	5802	36-97	$ 62,000,000	6,660	5,343	55.5%	46,455	30,751	66.2%
Glide	759	10-72	$ 10,800,000	1,496	1,211	55.3%	64,106	43,286	67.5%
Greater Albany	8348	22-62	$ 55,000,000	8,757	7,148	55.1%	59,262	39,525	66.7%
Gladstone	2177	3-255	$ 39,850,000	1,993	1,636	54.9%	212,119	120,612	56.9%
Sherwood	3679	34-130	$ 98,000,000	1,482	1,240	54.4%			
North Clackamas	16438	3-229	$ 229,600,000	17,115	14,392	54.3%	212,119	120,612	56.9%
Central	2621	27-82	$ 13,500,000	3,171	2,746	53.6%			
Silver Falls	3436	24-225	$ 47,500,000	3,600	3,399	51.4%	140,755	90,270	64.1%
Adrian (Opton 2)	233	23-39	$ 3,785,000	266	255	51.1%	12,436	8,217	66.1%
Medford	12041	15-73	$ 188,980,000	14,513	14,281	50.4%	113,997	75,325	66.1%
Hillsboro	18800	34-128	$ 169,000,000	12,102	12,009	50.2%			
		Sum:	**$ 1,326,135,000**						
Creswell	1180	20-118	$ 13,000,000	1,408	1,444	49.4%	190,716	126,888	66.5%
Adrian (Option 1)	233	23-38	$ 4,985,000	254	278	47.7%	12,436	8,217	66.1%
Baker	1944	1-33	$ 19,800,000	2,871	3,143	47.7%	10,289	7,477	72.7%
Umatilla	1238	30-66	$ 6,500,000	433	510	45.9%	30,557	19,194	62.8%
Pilot Rock	396	30-62	$ 3,200,000	332	406	45.0%	30,557	19,194	62.8%
St Helens	3528	5-155	$ 41,940,000	*3,039*	*3,728*	44.9%	27,319	17,385	63.6%
North Santiam	2351	24-236	$ 49,800,000	2,548	3,164	44.6%	140,755	90,270	64.1%
Willamina	927	27-84	$ 9,250,000	769	959	44.5%			
Forest Grove	5722	34-136	$ 49,800,000	2,131	2,747	43.7%	246,816	92,541	37.5%
David Douglas	9649	26-85	$ 45,000,000	4,856	6,457	42.9%	392,935	203,960	51.9%
Milton-Freewater	1708	30-65	$ 16,750,000	1,264	1,704	42.6%	30,557	19,194	62.8%
La Grande	2104	31-59	$ 30,000,000	2,541	3,519	41.9%	14,174	10,225	72.1%
Klamath Co	6313	18-61	$ 74,925,000	4,187	6,356	39.7%	35,121	22,906	65.2%
Reynolds	10625	26-88	$ 115,000,000	5,774	8,811	39.6%	392,935	203,960	51.9%
Woodburn	4649	24-230	$ 40,500,000	1,994	3,177	38.6%	140,755	90,270	64.1%
Culver	572		$ 20,000,000	486	791	38.1%	9,479	6,761	71.3%
Molalla River	2805	3-254	$ 47,385,786	1,978	3,348	37.1%	212,119	120,612	56.9%
Klamath Falls City Schools	3977	18-60	$ 48,000,000	2,811	4,841	36.7%	35,121	22,906	65.2%
South Umpqua	1751	10-68	$ 19,000,000	1,249	3,364	27.1%	64,106	43,286	67.5%
		Sum:	**$ 654,835,786**						
CC District	**ADM**	**Measure**	**Bond Amt**	**Yes**	**No**	**%Yes**	**Regis Voters**	**Votes**	**%Turnout**
Chemeketa CC	7982	24-240	$ 89,000,000	63,383	65,604	49.1%			
Tillamook Bay CC	286	29-103	$ 9,865,000	4,740	5,802	45.0%	15,428	10,923	70.8%
Mt Hood CC	8150	26-83	$ 58,800,000	30,967	38,160	44.8%	212,119	120,612	56.9%
Rogue CC	4212	17-18	$ 15,000,000	11,449	18,515	38.2%	49,933	32,816	65.7%
Clatsop CC	1372	4-118	$ 24,000,000	3,016	5,212	36.7%			
		Sum:	**$ 196,665,000**						

November 7, 2006 Oregon School District and Community College Capital Projects Bond Measure Election Results

Fire & Police Stations	ADM	Measure	Bond Amt	Yes	No	%Yes	Regis Voters	Votes	%Turnout
Salem Suburban RFPD		24-227	$ 1,500,000	2,511	783	76.2%	140,755	90,270	64.1%
City of Salem Fire Department		24-191	$ 24,719,000	27,975	10,180	73.3%	140,755	90,270	64.1%
Sisters-Camp Sherman RFPD		9-44	$ 2,500,000	1,558	680	69.6%	82,797	58,351	70.5%
Gates RFPD		24-239	$ 160,314	253	113	69.1%	140,755	90,270	64.1%
New Carlton RFPD		36-93	$ 1,250,000	681	321	68.0%	46,455	30,751	66.2%
Lakeside RFPD #4		6-115	$ 175,000	602	286	67.8%	36,940	24,036	65.1%
Tualatin Valley Fire & Rescue		34-133	$ 77,500,000	65,623	31,443	67.6%			
Echo RFPD #7-403		30-64	$ 350,000	219	131	62.6%	30,557	19,194	62.8%
Knappa-Svensen-Burnside RFPD		4-120	$ 260,000	*225*	*146*	60.6%	21,438	11,755	54.8%
Merrill RFPD		18-54		166	108	60.6%	35,121	22,906	65.2%
City of Lebanon		22-64	$ 19,970,000	2,662	1,823	59.4%	59,262	39,525	66.7%
North Lincoln Fire & Rescue #1		21-112	$ 5,310,000	2,531	1,888	57.3%	26,330	19,666	74.7%
Douglas County Fire District #2		10-69	$ 2,965,000	5,695	4,744	54.6%	64,106	43,286	67.5%
Monitor Fire District		3-223	$ 858,549	380	319	54.4%			
Sweet Home Fire and Ambulance		22-66	$ 1,800,000	2,465	2,099	54.0%	59,262	39,525	66.7%
City of Grants Pass		17-17	$ 9,875,000	5,767	4,933	53.9%	49,933	32,816	65.7%
City of Talent		15-71	$ 800,000	1,009	888	53.2%	113,997	75,325	66.1%
Brownsville RFPD #2		22-58	$ 2,540,000	672	597	53.0%	59,262	39,525	66.7%
Lebanon RFPD #9		22-69	$ 3,750,000	4,957	4,512	52.3%	59,262	39,525	66.7%
Dexter RFPD		20-123	$ 688,511	504	472	51.6%	190,716	126,888	66.5%
		Sum:	**$ 156,971,374**						
Estacada RFD #69		3-227	$ 6,000,000	1,611	1,652	49.4%	212,119	120,612	56.9%
City of Ashland		15-70	$ 900,000	3,981	4,157	48.9%	113,997	75,325	66.1%
Klamath County Fire District #1		18-62	$ 13,500,000	4,624	5,036	47.9%	35,121	22,906	65.2%
Harrisburg Fire/Rescue District		22-63	$ 2,080,000	745	825	47.5%	59,262	39,525	66.7%
Mollala Fire District		3-230	$ 2,623,177	2,076	2,301	47.4%	212,119	120,612	56.9%
City of Gearhart		4-116	$ 3,750,000	*164*	*230*	41.6%	21,438	11,755	54.8%
City of Ashland		15-69	$ 5,500,000	3,274	5,226	38.5%	113,997	75,325	66.1%
Colton Fire District		3-252	$ 2,270,636	378	664	36.3%	212,119	120,612	56.9%
City of Cornelius		34-134	$ 2,609,524	536	942	36.3%	246,816	92,541	37.5%
Crooked River Ranch RFPD #VI-503		16-43	$ 2,750,000						
		Sum:	**$ 41,983,337**						

Table 12. November 2006 Oregon School District and Community College Capital Projects Bond Measure Election Results

The 92 school districts that have had success in the 10-year period are summarized in Table 13.

	District or ESD	# Schools	'05-'06 Enrolled	Schools % incl	Enrolled % incl	Enrolled %DNQ	Bonds Nov-06	Bonds May 97 to Nov 06	Bonds per Enrolled
1	Sherwood SD 88J	7	3,837	71.4%	98.9%	1.1%	$ 98,000,000	$ 131,400,000	$ 34,246
2	McKenzie SD 68	3	266	0.0%	0.0%	100.0%		$ 6,670,000	$ 25,075
3	Neah-Kah-Nie SD 56	3	749	100.0%	100.0%	0.0%		$ 16,500,000	$ 22,029
4	Nestucca Valley SD 101J	3	571	100.0%	100.0%	0.0%		$ 11,620,000	$ 20,350
5	North Clackamas SD 12	39	16,987	69.2%	97.3%	2.7%	$ 229,600,000	$ 324,000,000	$ 19,073
6	St Paul SD 45	2	228	0.0%	0.0%	100.0%	$ 4,100,000	$ 4,100,000	$ 17,982
7	Gladstone SD 115	11	2,260	27.3%	98.7%	1.3%	$ 39,850,000	$ 39,850,000	$ 17,633
8	Condon SD 25J	2	151	100.0%	100.0%	0.0%		$ 2,500,000	$ 16,556
9	Ashland SD 5	8	2,862	62.5%	97.9%	2.1%	$ 46,800,000	$ 46,800,000	$ 16,352
10	Adrian SD 61	2	237	50.0%	64.1%	35.9%	$ 3,785,000	$ 3,785,000	$ 15,970
11	Hillsboro SD 1J	45	19,715	68.9%	98.4%	1.6%	$ 169,000,000	$ 304,300,000	$ 15,435
12	West Linn-Wilsonville SD 3J	14	8,207	85.7%	98.0%	2.0%		$ 126,250,000	$ 15,383
13	Bend-LaPine Administrative SD 1	26	14,685	92.3%	99.6%	0.4%	$ 119,000,000	$ 224,295,000	$ 15,274
14	Medford SD 549C	19	12,538	100.0%	100.0%	0.0%	$ 188,980,000	$ 188,980,000	$ 15,073
15	Sisters SD 6	3	1,384	100.0%	100.0%	0.0%		$ 20,500,000	$ 14,812
16	Glide SD 12	4	779	50.0%	82.2%	17.8%	$ 10,800,000	$ 10,800,000	$ 13,864
17	Corvallis SD 509J	15	6,874	86.7%	98.6%	1.4%		$ 94,640,000	$ 13,768
18	Canby SD 86	15	5,224	46.7%	98.5%	1.5%		$ 70,500,000	$ 13,495
19	Silver Falls SD 4J	14	3,605	35.7%	74.4%	25.6%	$ 47,500,000	$ 47,500,000	$ 13,176
20	Lake Oswego SD 7J	25	6,850	52.0%	99.6%	0.4%		$ 85,000,000	$ 12,409
21	Echo SD 5	1	267	100.0%	100.0%	0.0%		$ 3,300,000	$ 12,360
22	Estacada SD 108	5	2,209	100.0%	100.0%	0.0%		$ 25,400,000	$ 11,498
23	Creswell SD 40	6	1,189	50.0%	99.7%	0.3%		$ 13,560,000	$ 11,405
24	Lebanon Community SD 9	10	4,485	100.0%	100.0%	0.0%		$ 49,850,000	$ 11,115
25	Astoria SD 1	5	2,025	100.0%	100.0%	0.0%		$ 21,465,000	$ 10,600
26	Siuslaw SD 97J	3	1,497	100.0%	100.0%	0.0%		$ 15,635,000	$ 10,444
27	McMinnville SD 40	9	6,030	100.0%	100.0%	0.0%	$ 62,000,000	$ 62,000,000	$ 10,282
28	Morrow SD 1	9	2,239	88.9%	97.9%	2.1%		$ 22,000,000	$ 9,826
29	Knappa SD 4	2	562	100.0%	100.0%	0.0%		$ 5,500,000	$ 9,786
30	Stanfield SD 61	2	556	100.0%	100.0%	0.0%		$ 5,400,000	$ 9,712
31	Beaverton SD 48J	55	36,664	87.3%	99.7%	0.3%	$ 195,000,000	$ 344,780,000	$ 9,404
32	Central SD 13J	7	2,757	85.7%	99.4%	0.6%	$ 13,500,000	$ 25,900,000	$ 9,394
33	Fern Ridge SD 28J	6	1,650	66.7%	90.6%	9.4%		$ 15,450,000	$ 9,364
34	South Lane SD 45J3	12	2,908	33.3%	78.2%	21.8%		$ 25,900,000	$ 8,906
35	Newberg SD 29J	10	5,206	90.0%	99.7%	0.3%		$ 46,300,000	$ 8,894
36	Clatskanie SD 6J	2	865	100.0%	100.0%	0.0%		$ 7,690,000	$ 8,890
37	Cascade SD 5	6	2,245	66.7%	89.9%	10.1%		$ 19,500,000	$ 8,686
38	Hermiston SD 8	8	4,641	100.0%	100.0%	0.0%		$ 39,960,000	$ 8,610
39	Oregon City SD 62	24	8,049	54.2%	98.4%	1.6%		$ 67,500,000	$ 8,386
40	Sheridan SD 48J	4	1,042	50.0%	85.7%	14.3%		$ 8,500,000	$ 8,157
41	Umatilla SD 6R	3	1,266	100.0%	100.0%	0.0%		$ 10,300,000	$ 8,136
42	Amity SD 4J	3	839	100.0%	100.0%	0.0%		$ 6,820,000	$ 8,129
43	Eagle Point SD 9	11	4,288	81.8%	98.0%	2.0%		$ 33,893,000	$ 7,904
44	Sweet Home SD 55	7	2,397	71.4%	92.0%	8.0%		$ 18,720,250	$ 7,810
45	Brookings-Harbor SD 17C	5	1,803	100.0%	100.0%	0.0%		$ 14,000,000	$ 7,765
46	Tigard-Tualatin SD 23J	21	12,351	76.2%	99.3%	0.7%		$ 85,979,448	$ 6,961
47	Eugene SD 4J	60	18,439	61.7%	94.2%	5.8%		$ 128,200,000	$ 6,953
48	North Marion SD 15	4	1,895	100.0%	100.0%	0.0%		$ 12,850,000	$ 6,781
49	Forest Grove SD 15	11	5,923	81.8%	95.7%	4.3%		$ 39,400,000	$ 6,652
50	Central Curry SD 1	3	672	100.0%	100.0%	0.0%		$ 4,400,000	$ 6,548
51	Enterprise SD 21	2	371	100.0%	100.0%	0.0%		$ 2,400,000	$ 6,469
52	Warrenton-Hammond SD 30	2	805	100.0%	100.0%	0.0%		$ 5,200,000	$ 6,460
53	Harrisburg SD 7J	3	872	100.0%	100.0%	0.0%		$ 5,500,000	$ 6,307
54	Dayton SD 8	3	1,031	100.0%	100.0%	0.0%		$ 6,495,000	$ 6,300
55	Greater Albany Public SD 8J	20	8,749	95.0%	98.8%	1.2%	$ 55,000,000	$ 55,000,000	$ 6,286
56	Winston-Dillard SD 116	5	1,538	100.0%	100.0%	0.0%		$ 9,500,000	$ 6,177
57	Yamhill-Carlton SD 1	3	1,213	100.0%	100.0%	0.0%		$ 7,170,000	$ 5,911
58	Tillamook SD 9	5	2,102	100.0%	100.0%	0.0%		$ 12,187,500	$ 5,798
59	Philomath SD 17J	6	1,747	66.7%	93.9%	6.1%		$ 9,950,000	$ 5,695
60	Phoenix-Talent SD 4	7	2,888	71.4%	96.1%	3.9%		$ 16,200,000	$ 5,609
61	North Bend SD 13	7	2,230	85.7%	99.5%	0.5%		$ 12,500,000	$ 5,605
62	Redmond SD 2J	12	6,590	83.3%	97.6%	2.4%		$ 36,600,000	$ 5,554
63	North Wasco County SD 21	7	2,979	85.7%	99.9%	0.1%		$ 16,500,000	$ 5,539
64	Jefferson County SD 509J	8	3,012	87.5%	99.6%	0.4%		$ 15,800,000	$ 5,246
65	St Helens SD 502	7	3,663	71.4%	97.4%	2.6%		$ 18,883,500	$ 5,155
66	Centennial SD 28J	10	6,400	90.0%	99.1%	0.9%		$ 31,000,000	$ 4,844
67	Bethel SD 52	18	5,712	55.6%	96.6%	3.4%		$ 27,500,000	$ 4,814
68	Salem-Keizer SD 24J	80	38,873	72.5%	96.6%	3.4%		$ 177,100,000	$ 4,556
69	Oakridge SD 76	4	694	75.0%	97.8%	2.2%		$ 3,100,000	$ 4,467
70	Rogue River SD 35	4	1,208	100.0%	100.0%	0.0%		$ 5,380,000	$ 4,454
71	Three Rivers/Josephine County SD	17	5,717	76.5%	96.9%	3.1%		$ 24,000,000	$ 4,198
72	Reynolds SD 7	20	10,906	85.0%	98.7%	1.3%		$ 45,000,000	$ 4,126
73	David Douglas SD 40	25	10,041	56.0%	97.6%	2.4%		$ 39,900,000	$ 3,974
74	Springfield SD 19	40	11,329	50.0%	92.8%	7.2%	$ 42,745,000	$ 42,745,000	$ 3,773
75	Douglas County SD 4	15	6,910	86.7%	98.5%	1.5%		$ 23,900,000	$ 3,459
76	Coquille SD 8	4	1,039	100.0%	100.0%	0.0%		$ 3,545,000	$ 3,412
77	Gresham-Barlow SD 10J	20	12,027	95.0%	99.8%	0.2%		$ 40,200,000	$ 3,342
78	Athena-Weston SD 29RJ	4	613	75.0%	86.5%	13.5%		$ 2,000,000	$ 3,263
79	Perrydale SD 21	1	323	100.0%	100.0%	0.0%		$ 970,000	$ 3,003
80	Sutherlin SD 130	4	1,503	100.0%	100.0%	0.0%		$ 4,345,000	$ 2,891
81	Coos Bay SD 9	9	3,598	88.9%	99.9%	0.1%		$ 9,990,000	$ 2,777
82	Harney County SD 3	4	982	75.0%	97.9%	2.1%		$ 2,700,000	$ 2,749
83	Hood River County SD	12	4,015	75.0%	99.4%	0.6%		$ 9,100,000	$ 2,267
84	Glendale SD 77	2	476	100.0%	100.0%	0.0%		$ 990,000	$ 2,080
85	Bandon SD 54	3	768	100.0%	100.0%	0.0%		$ 1,500,000	$ 1,953
86	Cove SD 15	1	254	100.0%	100.0%	0.0%	$ 475,000	$ 475,000	$ 1,870
87	La Grande SD 1	7	2,189	85.7%	100.0%	0.0%		$ 3,650,000	$ 1,667
88	Scappoose SD 1J	6	2,218	83.3%	95.9%	4.1%		$ 2,450,000	$ 1,105
89	Pleasant Hill SD 1	3	953	100.0%	100.0%	0.0%		$ 915,000	$ 960
90	Molalla River SD 35	14	2,911	42.9%	93.6%	6.4%		$ 2,500,000	$ 859
91	Oakland SD 1	3	561	100.0%	100.0%	0.0%		$ 450,000	$ 802
92	Oregon Trail SD 46	14	4,283	64.3%	95.4%	4.6%		$ 1,950,000	$ 455
93	Portland SD 1J	137	46,988	68.6%	95.9%	4.1%		$ -	$ -

Table 13. The 92 Oregon School Districts That Passed Bond Measures 1997–2006

Note that the two shaded background school districts do not qualify and therefore are not in included in the assessment.

Table 13 includes a calculation of the amount of bonds approved in the past decade per currently enrolled student. This statistic ranges up to $34,246 per student, and averages $8,729.

Note that since the average K-12 school in Oregon is 70,500 square feet and has an enrollment of 488, there is about 144 square feet of school per student. At a capital cost of $125 per square foot, the average capital cost of a school building is $18,000 per enrolled student. Further, at $15 per square foot, and where needed, the rough seismic rehabilitation cost per enrolled student in Oregon is about $2,160 per student.

Although the measure occurred prior to this study period, the $196.7 million in bonds approved by Portland voters in 1996 works out to $4,186 per currently enrolled student and is proportionately very similar to the $24 million investment made by Three Rivers/Josephine County voters during the 1997–2006 period.

5.0. OTHER RISK CATEGORIES: TSUNAMI INUNDATION RISK

The Oregon coast is subject to tsunami inundation in the event of large Cascadia Subduction Zone earthquakes and also by smaller tsunamis caused by distant great earthquakes, such as the Great Alaskan Earthquake that occurred at about 5:36 pm, local time, on March 27, 1964. This earthquake lasted from 3 to 4 minutes and generated tsunami waves throughout the Pacific basin. In Oregon the tsunami waves arrived between about 11:30 pm and 4:30 am on March 28th. Wave heights ranging from a few to 14 feet high surged into estuaries along the coast at different times and in varying intervals. In Yaquina Bay, four large waves of almost equal height arrived in roughly half-hour intervals between midnight and 2:00 am.

At Cannon Beach the 1964 waves destroyed the bridge crossing at Elk Creek, carrying the bridge deck approximately 1,000 feet upstream (Figure 33).

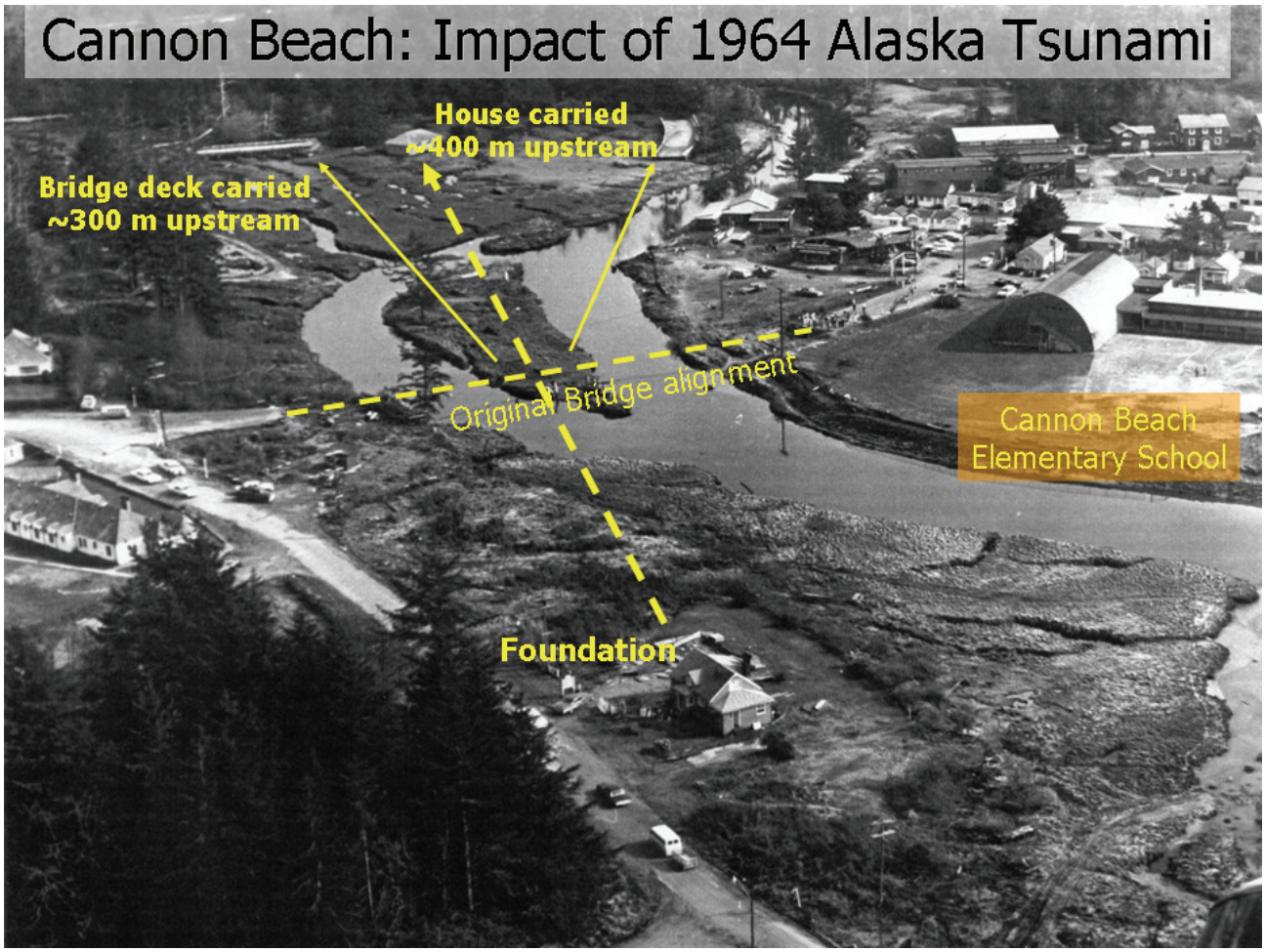


Figure 33. Impact of 1964 Alaska Tsunami at Cannon Beach, Oregon.

DOGAMI has been investigating tsunami inundation along the coast for over 12 years and has hazard information for various portions of the coast. Although the actual wave run-up at any specific point along the coast will depend on local conditions, the anticipated inundation due to a large Cascadia earthquake may reach the 100 foot elevation.

This assessment contains 150 sites at risk of possible tsunami inundation. We have qualitatively assessed the relative risk of tsunami inundation based upon whether or not the site is situated within, immediately proximal to, or near to the elevation of mapped inundation hazard lines. For example, consider Figure 34.

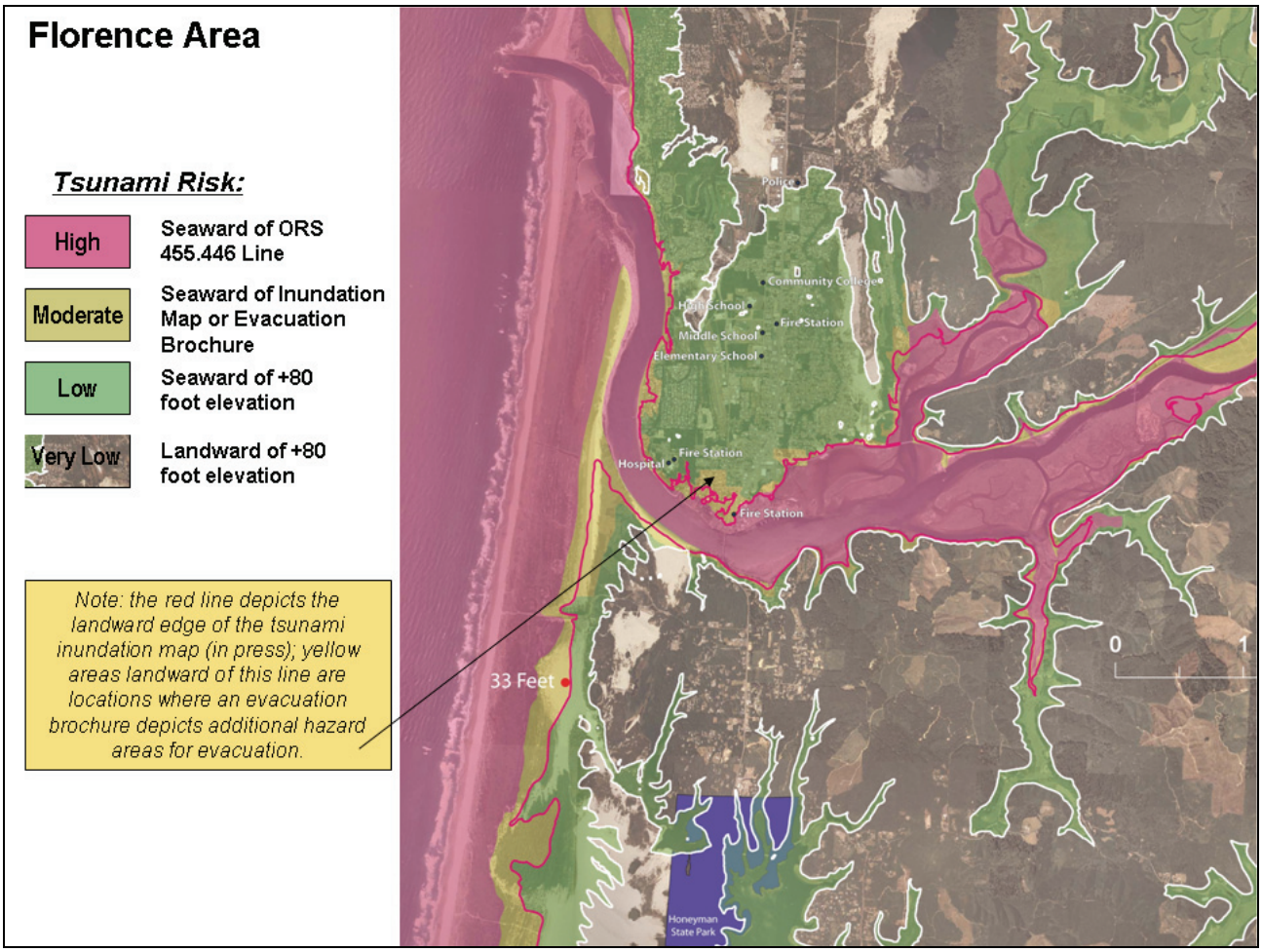


Figure 34. Computer-generated tsunami inundation zones for Florence, Oregon (DOGAMI).

- **High Tsunami Inundation Risk Sites:** those sites that occur seaward of the ORS 455.446 Tsunami Inundation Zone Line or within the High Risk zone of published DOGAMI tsunami hazard maps.
- **Moderate Risk Sites:** those sites that occur landward of the ORS 455.446 Tsunami Inundation Zone Line but seaward of any other published tsunami inundation line, including DOGAMI hazard maps and evacuation brochures.
- **Low Risk Sites:** those sites that occur landward of published tsunami maps and fall below an elevation of 80 feet in northern Oregon and 95 feet in southern Oregon; for this assessment the dividing line between northern and southern Oregon is Cape Blanco.
- **Very Low Risk Sites**: those sites that occur landward of published tsunami maps and fall above an elevation of 80 feet and 95 feet in northern and southern Oregon, respectively.

The suspected higher wave run-up in southern Oregon is due to the fact that the deformation front is located closer to the coast.

In summary, the relative risk categories are qualitative and reflect sites with different relative risks, considering a multitude of tsunami scenarios, different methods of rendering tsunami hazard information and perception of risk expressed by the evacuation maps. This assessment reveals that numerous sites along the coast face tsunami inundation risk, as shown in Table 14.

Table 14. Oregon Coast Relative Tsunami Inundation Risk

	High	Moderate	Low	Very Low	Sum:
K-12 Public Schools	8	2	33	7	*50*
Community College Sites	-	3	2	-	*5*
					-
Fire Stations	14	10	27	10	*61*
Police Stations	6	4	12	2	*24*
Hospitals	-	1	7	1	*9*
Sum:	*28*	*20*	*81*	*20*	

Coastal K12 Schools, Community Colleges and Hospitals:

Site	Site Name	Site Address	City	Elev	Tsunami Risk
Clat_sch04	**Cannon Beach Elementary**	268 Beaver St	Cannon Beach	-	**1 High Risk**
Linc_sch03	**Taft Elementary**	1545 Se 50Th	Lincoln City	10	**1 High Risk**
Coos_sch23	**Pacific Child Care Center**	2345 Marion St	North Bend	17	**1 High Risk**
Till_sch07	**Neah-Kah-Nie Jr/Sr High**	24705 Hwy 101 N	Rockaway Beach	7	**1 High Risk**
Clat_sch03	**Broadway Middle**	1120 Broadway St	Seaside	-	**1 High Risk**
Clat_sch06	**Gearhart Elementary**	1002 Pacific Way	Seaside	7	**1 High Risk**
Clat_sch07	**Seaside High**	1901 N Holladay Dr	Seaside	-	**1 High Risk**
Linc_sch12	**Waldport High**	320 Lower Crestline Dr	Waldport	29	**1 High Risk**
Curr_sch04	Gold Beach High	29516 Ellensburg Ave	Gold Beach	43	2 Moderate Risk
Curr_sch10	Riley Creek Elementary	94350 6th St	Gold Beach	53	2 Moderate Risk
Clat_sch01	Astoria High	1001 W Marine Dr	Astoria	4	3 Low Risk
Coos_sch14	Bandon Highschool	550 9th St Sw	Bandon	69	3 Low Risk
Coos_sch12	Harbor Lights Middleschool	390 9th St Sw	Bandon	69	3 Low Risk
Coos_sch13	Ocean Crest Elementary	1040 Allegany	Bandon	59	3 Low Risk
Till_sch08	Nestucca Highschool	34660 Parkway Dr	Cloverdale	56	3 Low Risk
Till_sch04	Nestucca Valley Elementary	36925 Hwy 101 S	Cloverdale	36	3 Low Risk
Coos_sch01	Blossom Gulch Elementary	333 S 10Th	Coos Bay	34	3 Low Risk
Coos_sch03	Madison Elementary	400 Madison St	Coos Bay	76	3 Low Risk
Coos_sch17	Resource Link Charter	740 S 7th St	Coos Bay	62	3 Low Risk
Coos_sch04	Sunset Middleschool	245 S Cammann	Coos Bay	72	3 Low Risk
Lane_sch97	Siuslaw Elementary	2525 Oak St	Florence	70	3 Low Risk
Lane_sch69	Siuslaw Elementary	2221 Oak St	Florence	57	3 Low Risk
Lane_sch70	Siuslaw Highschool	2975 Oak St	Florence	79	3 Low Risk
Lane_sch68	Siuslaw Middleschool	2525 Oak St	Florence	70	3 Low Risk
Till_sch05	Garibaldi Elementary	603 Cypress St	Garibaldi	79	3 Low Risk
Curr_sch07	Blanco	48241 Hwy 101	Langlois	87	3 Low Risk
	Oceanlake Elementary School	2420 NE 22nd St	Lincoln City		3 Low Risk
Linc_sch04	Taft Middleschool	4040 High School Dr	Lincoln City	56	3 Low Risk
Till_sch06	Nehalem Elementary	36300 8th St	Nehalem	75	3 Low Risk
Coos_sch09	North Bend High	2323 Pacific Ave	North Bend	16	3 Low Risk
Coos_sch08	North Bend Middleschool	1500 16th St	North Bend	35	3 Low Risk
Coos_sch15	Oregon Coast Technology	1913 Meade St	North Bend	38	3 Low Risk
Curr_sch06	Driftwood Elementary	1210 Oregon St	Port Orford	50	3 Low Risk
Doug_sch24	Highland Elementary	2605 Longwood Dr	Reedsport	73	3 Low Risk
Doug_sch33	Reedsport Junior/High	2260 Longwood Dr	Reedsport	53	3 Low Risk
Clat_sch05	Seaside Heights Elementary	2000 Spruce St	Seaside	42	3 Low Risk
Till_sch10	East Elementary	3905 Alder Ln	Tillamook	32	3 Low Risk
Till_sch11	Liberty Elementary	1700 9th St	Tillamook	13	3 Low Risk
Till_sch01	South Prairie Elementary	6855 S Prairie Rd	Tillamook	26	3 Low Risk
Till_sch03	Tillamook Highschool	2605 12Th St	Tillamook	16	3 Low Risk
Till_sch02	Tillamook Middleschool	3906 Alder Ln	Tillamook	33	3 Low Risk
Clat_sch08	Warrenton Elementary	820 Sw Cedar St	Warrenton	14	3 Low Risk
Clat_sch09	Warrenton High	1700 Se Main	Warrenton	25	3 Low Risk
Clat_sch12	Astoria Elementary	3550 Franklin Ave	Astoria	93	4 Very Low Risk
Coos_sch02	Bunker Hill Elementary	62858 Hwy 101 S	Coos Bay	98	4 Very Low Risk
Coos_sch21	Millicoma Middleschool	260 Second Ave	Coos Bay	81	4 Very Low Risk
Linc_sch14	Lincoln City Career Technical High	801 Sw Hwy 101	Lincoln City	90	4 Very Low Risk
Linc_sch10	Taft Highschool	3780 SE Spyglass Ridge Rd	Lincoln City	89	4 Very Low Risk
Coos_sch06	Hillcrest Elementary	1100 Maine St	North Bend	98	4 Very Low Risk
Coos_sch07	North Bay Elementary	93670 Viking Way	North Bend	85	4 Very Low Risk
Clat_coc06	Clatsop CC-Maritime Science	6550 Liberty Ln	Astoria	7	2 Moderate Risk
Clat_coc05	Clatsop CC-Indust & Manuf Tech	6550 Liberty Ln	Astoria	4	2 Moderate Risk
	Southwestern Oregon CC	29392 Elensburg Ave	Gold Beach		2 Moderate Risk
Lane_coc20	Lane CC - Florence Center	3149 Oak St	Florence	76	3 Low Risk
	Tillamook Bay CC	36155 9th St	Nehalem		3 Low Risk
Clat_hos02	Providence Seaside Hospital	725 S Wahanna Rd	Seaside	7	2 Moderate Risk
Clat_hos01	Columbia Memorial Hospital	2111 Exchange St	Astoria	13	3 Low Risk
Coos_hos02	Southern Coos Hospital	900 11Th St Se	Bandon	69	3 Low Risk
Lane_hos02	Peace Harbor Hospital	400 9th St	Florence	26	3 Low Risk
Curr_hos01	Curry General Hospital	94220 4th St	Gold Beach	53	3 Low Risk
Linc_hos02	Samaritan North Lincoln Hospital	3043 Ne 28th St	Lincoln City	53	3 Low Risk
Doug_hos02	Lower Umpqua Hospital	600 Ranch Rd	Reedsport	72	3 Low Risk

Table 14. (continued)

Coastal Fire & Police Stations:

Site	Site Name	Site Address	City	Elev	Tsunami Risk
Clat_fir11	**Brownsmead RFPD**	91941 Barensde Rd	Astoria	7	**1 High Risk**
Clat_fir08	**Lewis & Clark RFPD**	34571 Hwy 105	Astoria	-	**1 High Risk**
Clat_pol03	**Cannon Beach Police Dept**	163 E Gower St	Cannon Beach	20	**1 High Risk**
Coos_fir27	**Charleston RFPD-Turkington Station**	90414 Metcalf Ln	Coos Bay	16	**1 High Risk**
Coos_fir03	**Coos Bay Fire & Rescue-Main Station**	150 S 4th St	Coos Bay	16	**1 High Risk**
Doug_fir39	**Gardiner FD**	208 Marsh St	Gardiner	13	**1 High Risk**
Clat_pol02	**Gearhart City Police Dept**	698 Pacific Way	Gearhart	10	**1 High Risk**
Clat_fir04	**Gearhart VFD**	670 Pacific Way	Gearhart	10	**1 High Risk**
Curr_pol05	**Gold Beach City Police Dept**	29592 Ellensburg Ave	Gold Beach	32	**1 High Risk**
Curr_pol03	**OSP-Gold Beach Patrol**	28200 Hunter Creek Rd	Gold Beach	46	**1 High Risk**
Till_fir13	**Nestucca F&R #84**	48000 Hwy 101 South	Neskowin	16	**1 High Risk**
Till_fir11	**Nestucca F&R #82**	35105 Brooten Road	Pacific City	7	**1 High Risk**
Till_fir08	**Rockaway Beach Fire Dept**	270 S Anchor St	Rockaway	13	**1 High Risk**
Till_pol03	**Rockaway Police Dept**	202 N Hwy 101	Rockaway Beach	7	**1 High Risk**
Clat_fir06	**Seaside Fire & Rescue**	150 S Lincoln	Seaside	-	**1 High Risk**
Clat_pol06	**Seaside Police Department**	1091 S. Holladay	Seaside	-	**1 High Risk**
Linc_fir11	**Central Oregon Coast F&R Dist-Main**	145 Alsea Hwy	Waldport	7	**1 High Risk**
	Warrenton Fire Station	225 S. Main Ave	Warrenton		**1 High Risk**
Doug_fir40	**Winchester Bay FD**	30 6th St	Winchester Bay	3	**1 High Risk**
Linc_fir08	**Yachats RFPD-Main Station**	215 W 2nd	Yachats	20	**1 High Risk**
Clat_pol01	Astoria Police Dept	555 30Th Street	Astoria	13	2 Moderate Risk
Clat_pol05	OSP-Astoria Patrol	13 Portway	Astoria	10	2 Moderate Risk
Coos_fir09	Bandon RFPD-Main Station	555 S Hwy 101	Bandon	62	2 Moderate Risk
	Cannon Beach Fire Station	188 Sunset Blvd	Cannon Beach		2 Moderate Risk
Till_fir04	Nestucca RFPD	34325 Hwy 101 S	Cloverdale	27	2 Moderate Risk
Linc_fir15	Depoe Bay RFD	325 Sw Hwy 101	Depoe Bay	42	2 Moderate Risk
Lane_fir54	City of Florence	243 Laurel St	Florence	9	2 Moderate Risk
Linc_pol06	Lincoln City Police Dept	1503 Se East Devils Lake	Lincoln City	53	2 Moderate Risk
Till_fir03	Netarts-Oceanside RFPD	1235 5th St Loop	Netarts	34	2 Moderate Risk
Till_fir10	Netarts/Oceanside F&R #62	1559 Pacific Ave	Oceanside	1	2 Moderate Risk
Curr_fir09	Pistol River Fire District	24686 Pistol River Loop E	Pistol River	18	2 Moderate Risk
Curr_pol04	Port Orford Police Dept	555 W 20th St	Port Orford	25	2 Moderate Risk
Till_fir12	Nestucca F&R #85	20965 Sandlake Road	Sandlake	32	2 Moderate Risk
	Wheeler Fire Dept	775 Nehalem Blvd	Wheeler		2 Moderate Risk
Clat_pol04	Clatsop County Sheriff Department	355 7th St	Astoria	35	3 Low Risk
Clat_fir10	John Day RFPD	38885 Hwy 30	Astoria	21	3 Low Risk
Coos_pol03	Bandon Police Dept	555 S Hwy 101	Bandon	62	3 Low Risk
Coos_fir35	Coos RFD Station	50530 Hwy 101	Bandon	76	3 Low Risk
Till_fir02	Bay City Fire Department	9390 4th St	Bay City	19	3 Low Risk
Coos_fir05	Charleston RFPD-Main Station	92342 Cape Arago Hwy	Coos Bay	17	3 Low Risk
Coos_fir02	Coos Bay Fire & Rescue-Empire Station	189 S Wall St	Coos Bay	36	3 Low Risk
Coos_pol04	Coos Bay Patrol	155 N Schoneman Ave	Coos Bay	69	3 Low Risk
Coos_pol02	Coos Bay Police Dept-911 Dispatch	500 Central Ave	Coos Bay	20	3 Low Risk
Coos_fir22	Millington RFD #5	62866 Millington Frontage Rd	Coos Bay	20	3 Low Risk
Lane_fir53	City of Florence	410 9th St	Florence	26	3 Low Risk
Lane_fir55	City of Florence-Rhododendron Station	2625 Hwy 101 N	Florence	75	3 Low Risk
	Florence Police Dept	900 Greenwood St	Florence		3 Low Risk
Till_fir05	City Of Garibaldi Fire Department	107 6th St	Garibaldi	26	3 Low Risk
Linc_fir17	Depoe Bay RFD-Gleneden Beach Station	6445 Gleneden Beach Lp	Gleneden Beach	45	3 Low Risk
Curr_pol06	Curry County Sheriff's Office	29821 Colvin St	Gold Beach	74	3 Low Risk
Curr_fir08	Ophir RFPD	32888 Nesika Road	Gold Beach	88	3 Low Risk
Clat_fir02	Knappa Svensen RFPD-Svenson Station	92768 Keller Rd	Knappa	48	3 Low Risk
Coos_fir15	Lakeside RFD	115 North 9th St	Lakeside	20	3 Low Risk
Curr_fir11	Langlois RFPD	94322 1st St	Langlois	77	3 Low Risk
Linc_fir12	North Lincoln Fire & Rescue-DeLake Station	914 Sw 4th	Lincoln City	19	3 Low Risk
Linc_fir14	North Lincoln Fire & Rescue-Kernville Station	37625 Siletz River Hwy	Lincoln City	22	3 Low Risk
Linc_fir16	North Lincoln Fire & Rescue-Taft Station	4520 Se Hwy 101	Lincoln City	63	3 Low Risk
Till_fir06	Manzanita Department Of Public Safety	165 5th St S	Manzanita	54	3 Low Risk
Till_fir07	Nehalem VFD	35900 8th St	Nehalem	34	3 Low Risk
Coos_fir12	Hauser RFPD	69433 Wildwood Rd	North Bend	57	3 Low Risk
Coos_fir08	North Bend Fire	1880 Mcpherson	North Bend	42	3 Low Risk
Coos_fir31	North Bend Fire-substation 2	1837 E Airport Way	North Bend	28	3 Low Risk
Coos_pol01	North Bend Police Dept	835 California St	North Bend	53	3 Low Risk
Linc_fir02	North Lincoln Fire & Rescue-Otis Station	381 Old Scenic Hwy	Otis	23	3 Low Risk
Doug_pol01	Douglas County Sheriff's Office-Reedsport	680 Fir Ave	Reedsport	30	3 Low Risk
Doug_fir14	Reedsport FD-station 1	146 N 4th St	Reedsport	33	3 Low Risk
Doug_fir38	Reedsport FD-Station 2	2680 Frontage Rd	Reedsport	46	3 Low Risk
Doug_pol08	Reedsport Police Dept	146 N 4th St	Reedsport	33	3 Low Risk
Linc_fir09	Seal Rock RFPD	10333 Nw Rand St	Seal Rock	46	3 Low Risk
Till_erc01	Tillamook 911 Center	2311 Third Street	Tillamook	20	3 Low Risk
Till_pol06	Tillamook City Police Dept-City Hall	207 Madrona Ave	Tillamook	20	3 Low Risk
Till_pol05	Tillamook County Sheriff's Office	5995 Long Prairie Rd	Tillamook	39	3 Low Risk
Till_fir01	Tillamook Fire Dist	2310 4th St	Tillamook	20	3 Low Risk
Linc_fir21	Yachats RFPD-Yaquina John Station	1395 SW Corona St	Waldport	16	3 Low Risk
Coos_fir24	Bandon RFPD-substation	Bandon Airport	Bandon	95	4 Very Low Risk
Curr_fir07	Harbor RFD	98069 W Benham Ln	Brookings	99	4 Very Low Risk
Coos_fir04	Coos Bay Fire & Rescue-Eastside Station	365 D St	Coos Bay	82	4 Very Low Risk
Lane_pol07	OSP - Florence Patrol	4480 Hwy 101	Florence	82	4 Very Low Risk
Lane_fir14	Siuslaw RFPD	88973 Sutton Lake Rd	Florence	81	4 Very Low Risk
Curr_fir02	Coos Forest Protective Assn	94276 Gauntlett	Gold Beach	97	4 Very Low Risk
Linc_fir01	North Lincoln Fire & Rescue-Everest Station	2525 NW Hwy 101	Lincoln City	99	4 Very Low Risk
Linc_pol05	OSP - Newport Patrol	52 Ne 73rd St	Newport	102	4 Very Low Risk
Coos_fir29	North Bay RFD	67577 East Bay Rd	North Bend	82	4 Very Low Risk
Coos_fir32	North Bend Fire-substation 3	2222 Newmark St	North Bend	103	4 Very Low Risk
Linc_fir18	Depoe Bay RFD-Otter Rock Station	6610 Otter Crest Lp	Otter Rock	105	4 Very Low Risk
Curr_fir10	Sixes RFPD	Hwy 101 And Crystal Creek Rd	Sixes	99	4 Very Low Risk

6.0. OREGON SEISMIC REHABILITATION COSTS AND ACTIVITIES

Renovations involving seismic rehabilitation frequently are blended with other facility maintenance work, such as re-roofing. Many Oregon districts have initiated seismic risk assessment and rehabilitation projects. These include Portland, Beaverton, Hillsboro, Milwaukie, Yamhill-Carlton, Grants Pass, Gresham-Barlow, Salem-Keizer, Molalla River, Corvallis, Klamath County, West Linn-Wilsonville, North Clackamas, Gladstone, Medford, Springfield, North Santiam, Central, and Silverton school districts, Portland, Salem, Sherwood, Newberg, North Lincoln, Brownsville and Tualatin Valley fire departments/districts, Mount Hood Community College, and Grande Ronde and Tillamook hospitals.

DOGAMI received copies of nearly 300 seismic evaluation reports generated for many districts by structural engineering firms. In general, these reports are significantly superior to the RVS technique used in this assessment. Where applicable, we used key information from these reports and have included the data in our dataset. In the database these buildings are identified by a "SER" (structural engineering report) tracking code.

FEMA has a seismic rehabilitation cost estimator tool at http://www.fema.gov/srce/index.jsp based on data collected through 1995. The program asks several simple questions, including age, performance objective (risk reduction, life safety, damage control, or immediate occupancy; Oregon's legislation targets life safety), seismic zone, and building type and size. The results for the selections shown in Figure 35 for wood frame, concrete shear wall, and reinforced masonry types averaged $8 per square foot; the unreinforced masonry estimate was $27 per square foot.

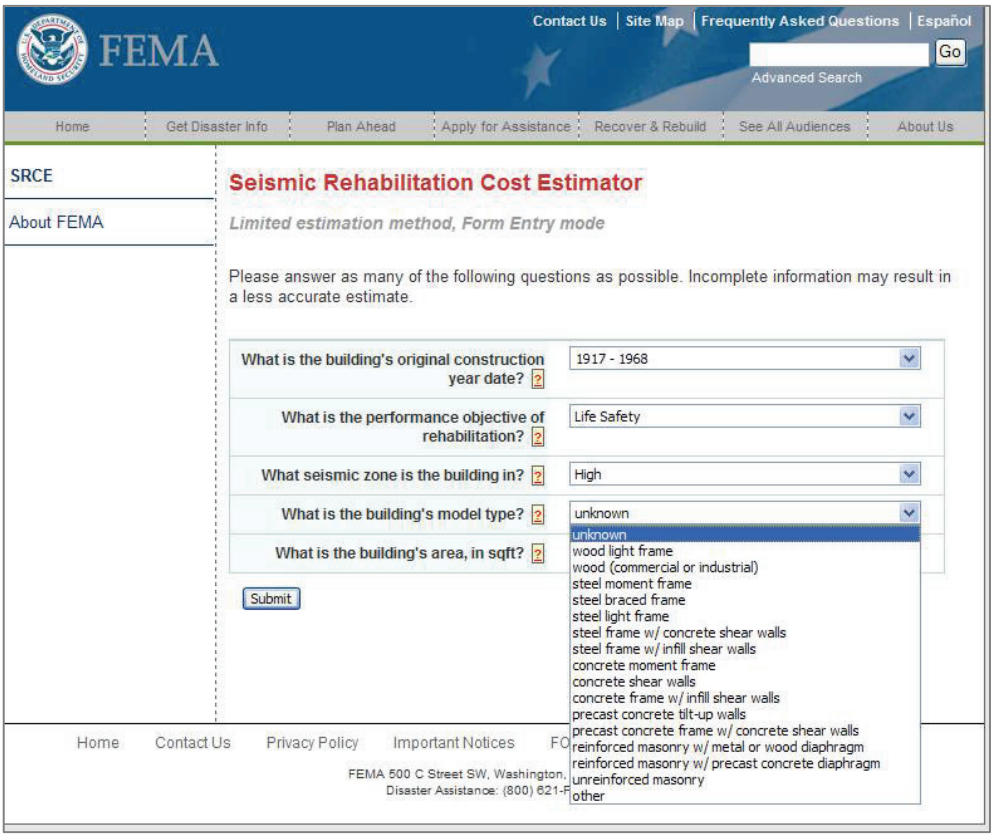


Figure 35. FEMA seismic rehabilitation cost estimator tool (http://www.fema.gov/srce/index.jsp).

The benefit-cost relationship between repair and new construction is complex, requires careful examination by experienced professionals, and ultimately a district will determine to their own satisfaction a balance between financial cost and occupants life safety.

6.1. Portland Public Schools (PPS)

The Portland school district has completed seismic rehabilitation work on the majority of its high priority schools, and for this reason DOGAMI has deemed these RETROFITTED schools as having only moderate seismic risk. The specific seismic rehabilitation costs at many Portland schools are the subject of ongoing evaluation by qualified structural engineering firms.

In 1995 the passage of Measure 26-31 authorized general obligation bonds in the amount of $197 million. Seismic evaluations of Portland school district facilities based on FEMA 178 standards were

conducted by five structural engineering firms. Their work was based on design considerations to prevent collapse and allow occupants to safely exit during or after a seismic event. Subsequently, the district hired a structural engineering firm to normalize these evaluations and assign a relative hazard rating to each building. The findings of these studies were used to develop a prioritized program of seismic upgrades, which were designed to enhance the ability of occupants to safely exit a building damaged by a seismic event. By summer 2003, seismic upgrades were reported as completed at 53 facilities, upgrading over half of the district's schools, including those with the highest seismic hazard rating. Through 2001 PPS had expended in excess of $20 million on these seismic upgrades.

In 2002 PPS hired a consultant to review the seismic work recommended and completed, and to recommend what further upgrades were necessary. In a news article dated January 16, 2007, PPS is quoted as indicating that 15 of the district's 87 schools have a seismic ranking of 5, on a one to five scale (five having the highest priority), derived in 2005 by the same structural engineering firm that conducted the 2002 appraisal. This work illustrates how costs can increase over time. For example, in 2002 the firm estimated the cost of rehabilitating Fernwood Middle School at $1.1 million. The article reports that by 2005 this work was estimated at $1.5 million. PPS is quoted as debating the cost of fixing the facility versus an outright replacement.

6.2. Portland Fire Department

In 1998 Portland voters authorized the sale of $53.8 million in bonds for a $61.1 million program to improve emergency facilities to be able to function after a seismic event. The program also considers accessibility requirements, energy conservation measures, and community needs. Twenty fire stations were to be upgraded to seismic code and 11 new stations were to be constructed over a ten year period. By August 2006 18 stations had been renovated and 4 new stations had completed construction.

6.3. Salem Fire Department

In 2006 Salem voters approved a $25 million bond to replace equipment ($9.3 million), build two new stations (10 and 11, $6.8 million), replace two existing fire stations (5 and 7, $6.6 million), and perform seismic reinforcing at other stations (1, 2, 3, 4, 6 and 9, $1.3 million). Station 7 is vulnerable to collapse and would require such extensive retrofitting to make it seismically sound that it was more cost effective to rebuild.

6.4. Hillsboro School District

Data provided by Hillsboro demonstrates how estimated rehabilitation costs can vary significantly for both structural and non-structural seismic risk mitigation, within and across building structural types (Table 15).

Table 15. Estimated Seismic Rehabilitation Costs for Hillsboro School District Schools

Hillsboro School District General Name	Yr Built	Type	SqFt	Stories	SE	SER Date	Seismic Structural	Structural per sq ft	Seismic Non-structural	Non-struct per sq ft	Sum per sq ft
Reedville Elementary	1922	W2	16,247	1	Miller	Sep-01	$ 246,366	$ 15	$ 41,334	$ 2.54	$ 18
David Hill Elementary	1948	W2	33,904	1	Miller	Jul-01	$ 580,626	$ 17	$ 122,844	$ 3.62	$ 21
West Union Elementary	1948	W2	42,757	1	Miller	Sep-01	$ 560,876	$ 13	$ 94,506	$ 2.21	$ 15
Groner Elementary	1948	W2	28,985	1	Miller	Sep-01	$ 805,527	$ 28	$ 25,596	$ 0.88	$ 29
W L Henry Elementary	1967	W2	48,813	1	Miller	Sep-01	$ 24,660	$ 1	$ 217,800	$ 4.46	$ 5
W Verne Mckinney Elementary	1970	W2	53,129	1	Miller	Sep-01	$ 414,181	$ 8	$ 152,423	$ 2.87	$ 11
Eastwood Elementary	1977	W2	45,963	1	Miller	Sep-01	$ 57,360	$ 1	$ 281,100	$ 6.12	$ 7
Butternut Creek Elementary	1977	W2	42,638	1	Miller	Sep-01	$ 24,090	$ 1	$ 87,306	$ 2.05	$ 3
Lenox Elementary	1978	W2	51,074	1	Miller	Sep-01	$ 153,504	$ 3	$ 142,040	$ 2.78	$ 6
Minter Bridge Elementary	1979	W2	47,563	1	Miller	Sep-01	$ 57,360	$ 1	$ 281,100	$ 5.91	$ 7
Indian Hills Elementary	1979	W2	45,181	1	Miller	Sep-01	$ 43,410	$ 1	$ 87,306	$ 1.93	$ 3
Jackson Elementary	1989	W2	48,367	1	Miller	Sep-01	$ 57,360	$ 1	$ 158,678	$ 3.28	$ 4
							ave W2:	$ 6		$ 3	
Peter Boscow Elementary	1922	C2	60,750	1	Miller	Sep-01	$ 934,677	$ 15	$ 126,270	$ 2.08	$ 17
J B Thomas Middle	1928	C2	215,000	3	Miller	Sep-01	$5,142,543	$ 24	$ 389,595	$ 1.81	$ 26
Witch Hazel Elementary	1946	C2	18,440	1	Miller	Sep-01	$ 214,809	$ 12	$ 41,787	$ 2.27	$ 14
Farmington View Elementary	1949	C2	20,467	1	Miller	Sep-01	$ 427,425	$ 21	$ 73,995	$ 3.62	$ 24
Brookwood Elementary	1953	C2	40,641	1	Miller	Sep-01	$1,528,475	$ 38		$ -	
North Plains Elementary	1954	C2	46,913	1	Miller	Sep-01	$ 421,244	$ 9	$ 14,010	$ 0.30	$ 9
J W Poynter Middle	1959	C2	102,691	1	Miller	Sep-01	$2,529,011	$ 25	$ 217,578	$ 2.12	$ 27
Ladd Acres Elementary	1967	C2	60,825	1	Miller	Sep-01	$ 71,385	$ 1	$ 171,105	$ 2.81	$ 4
							ave C2:	$ 20		$ 2	

Structural seismic rehabilitation cost estimates ranged from $1 to $28 per square foot for wood frame schools and from $1 to $38 per square foot for concrete shear frame-type schools. Non-structural seismic mitigation cost estimates averaged $2 to $3.50 per square foot.

6.5. Tualatin Valley Fire District

In 2006 western and southern Portland metro-area voters approved measure 34-133, a $77.5 million bond measure to correct seismic safety deficiencies at eight stations (#64, 65, 66, 69, 51, 35, 34, and 52), rebuild five stations (68, 53, 56, 59 and 58), build two new stations, and other items.

7.0. COMPARABLE EARTHQUAKE ASSESSMENT AND MITIGATION PROGRAMS – BRITISH COLUMBIA

California has a long history in coping with earthquake risk, yet the province of British Columbia (BC) is particularly noteworthy as a reference point for Oregon.

Although 3.7 times the physical size of Oregon in area, BC has a very similar population size and growth rate as Oregon (Figure 36). It has one major metro area and a few moderate sized cities. Its building stock is of similar vintage and situated near river and valley transportation systems.

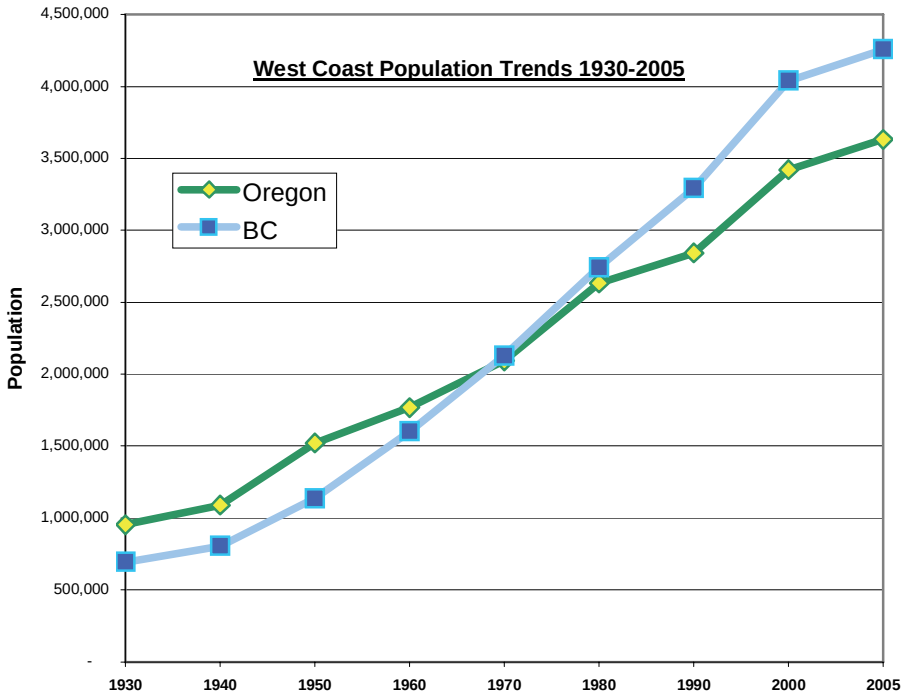


Figure 36. West Coast population growth 1930-2005 (Oregon data source: Oregon Blue Book; British Columbia data source: British Columbia Vital Statistics).

Like in Oregon, the known earthquake hazard for British Columbia changed only recently with the documentation of the threat of the Cascadia Subduction Zone in the early 1990s (Figure 37).

Therefore, the seismic assessment and mitigation activities in BC provide both practical benchmarks and real-world lessons learned for Oregon:

- The BC Ministry of Education initiated seismic assessments of public schools in the late 1980s, and several structural seismic upgrading projects in Vancouver and Victoria were funded in 1991-1992.
- In 1997 the Office of the Auditor General reported on the state of earthquake preparedness in the province.
- In 1999 the Public Accounts Committee of the Legislature tabled a report on earthquake risk.
- The province created the Ministry of Finance Seismic Mitigation Program as a pilot project in 1999-2000, and it distributed $130 million to government agencies between 2000 and 2003. Over these four years the program provided $63 million to 39 school districts located in high seismic risk zones.
- 13 additional projects at nine schools totaling $28.7 million were funded by the Ministry of Education between 2003 and 2006.
- In May 2004 BC announced that it would invest $2 million for a seismic assessment of 850 public schools in 37 high-risk school districts as a part of a comprehensive plan to help keep students safe.
- In November 2004 the Premier of BC announced that the province would make a $1.5 billion investment over 15 years to ensure that schools in BC will meet acceptable seismic life safety standards.
- In March 2005 the province announced the results of that assessment: 750 schools require upgrades over the next 15 years, 300 have a high risk of collapse; the province budgets $254 million for improvements to the first list of 80 schools in 29 districts, with construction set to commence in 2006 and be accomplished by 2009; seismic upgrade cost estimates at individual schools range from $0.6 to $16.1 million.

- In July 2005 the Ministry of education released its Feasibility Study Guidelines for Seismic Mitigation Projects; the guidelines are the first step in the project procurement process and describe the consulting reports necessary to test and confirm the assumptions that led to the initial support of the project (the assessment results) and a second stage of more detailed evaluation of seismic deficiencies and the development of a preferred retrofit option; the members of a Seismic Mitigation Program Advisory Committee are announced; following the acceptance of the feasibility study a project agreement must be approved by the Education Minister.
- By September 2006 the rampaging construction boom in the province caused the estimated costs of seismic upgrading to nearly double, causing delays in project initiation and approval; school officials said that the $254 million for repairs was no longer realistic.
- In May 2007 the Province introduced new measures to help school districts speed up upgrades; large school districts will bundle projects into groups to speed up planning, design and construction and be more cost effective

A link to the BC Ministry of Education's website describing their program, the guidelines for seismic engineering Feasibility Studies, current project status, and more is found at http://www.bced.gov.bc.ca/capitalplanning/seismic/.

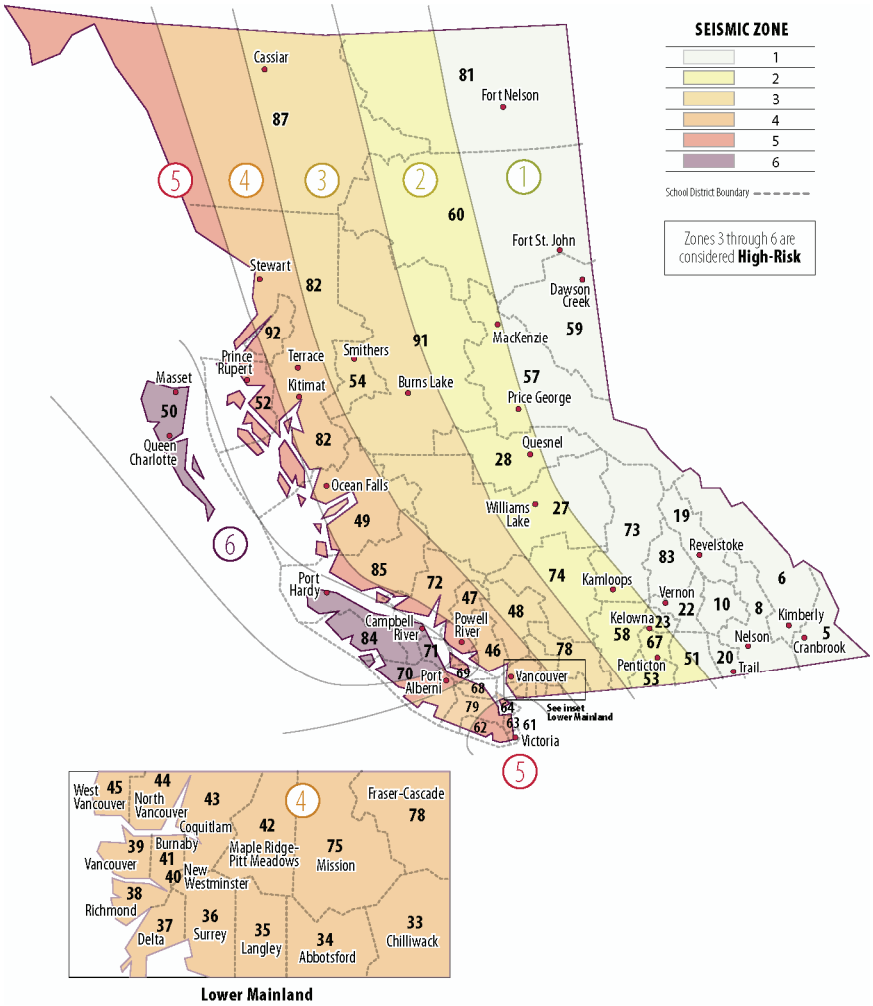


Figure 37. British Columbia school district seismic zones (http://www.gov.bc.ca/bcgov/content/images/@2Kp6_0YQtuW/seismic_map_rev2.pdf).

8.0. RECOMMENDATIONS TO THE SEISMIC REHABILITATION GRANT COMMITTEE

Recommendations to the Seismic Rehabilitation Grant Committee

The scoring data and needs analysis from this report should be the starting point for developing the grant program. Very High Risk and High Risk facilities should be prioritized for consideration for rehabilitation. Acute care hospitals within community health service districts should be considered eligible for the grants. Community-based acute care hospitals should also be considered eligible for the grant program. The importance of individual buildings to the community needs, as outlined as part of the ranking process in Senate Bill 2 (2005), needs further clarification.

Recommendations for Districts

DOGAMI recommends districts with buildings labeled as having High and Very High relative seismic risk of collapse during a seismic event to consider hiring a structural engineering consultant to more thoroughly evaluate the seismic issues with their buildings. Please note that this FEMA 154 rapid visual screening technique can both overestimate and underestimate relative seismic risk.

Recommendations for Fiscal Decision Makers

DOGAMI recommends that voters, community representatives, government administrators, and elected officials carefully consider both the costs and benefits associated with seismic risk mitigation, rehabilitation, and community asset replacement. Many districts in Oregon have traveled down this path already and will have valuable hard-won experience to share. Oregon has relatively high seismic risk, yet the time interval between major subduction zone earthquake events is large, in human terms. The USGS predicts a 15% chance of a Cascadia Subduction Zone earthquake in the next 50 years. For reference, they also predict a 62% chance of a major event in the San Francisco bay region in the next 25 years. This suggests that Oregonians have a manageable amount of time available to mitigate this risk over the next few decades. The public school seismic rehabilitation program in British Columbia may provide valuable lessons.

Report submitted June 29, 2007.

9.0. ACKNOWLEDGEMENTS

Pioneers in seismic risk awareness and mitigation in Oregon include Don Hull and John Beaulieu, both former State Geologists. Senator Peter Courtney has been personally responsible for championing earthquake awareness, assessment, and action within the Legislative Assembly over several biennia. Many Oregon Seismic Safety Policy Advisory Commission (OSSPAC) members, including Chris Thompson, Rose Gentry, Yumei Wang, and Jim Doane, have provided strong support and valuable perspectives in recent years. OSSPAC participated in the DOGAMI-organized and FEMA-funded "G.O. Bonds Taskforce" during 2004-2005 in advance of the 73rd Legislative Assembly actions regarding Senate Bills 2 through 5. Funding for this assessment, in the amount of $598,000, was provided by the State of Oregon.

DOGAMI appreciates the efforts of its many current partners in this project, including all of the local community and district representatives who provided invaluable assistance in locating emergency facility physical addresses.

Vital RVS field work was efficiently and accurately produced by professors Tom Miller, Christine Theodoropoulos, and Carol Hasenberg and their enthusiastic and thoughtful students: Nathan Wallace, Juan Hernandez, Jerry Mikkelsen, Henry Pierce, Sam Jensen, Andy Tibbetts, and by DOGAMI's Bill Burns (Figure 38).

Expert and timely database consulting services were provided by Frank Bubenik at Compass Computing Group. Ken Aaro, Aaro Computer Services, ensured that the server both functioned smoothly and was robust enough to handle multiple user needs.

Natalie Richards, sourced from the U.S. Army Corps of Engineers, provided capable, focused, and energetic project coordination.

The writer also wishes to thank the dedicated, positive and very talented work performed on this project by department staff, including Francesco Cataldo, Carol DuVernois, Margi Jenks, Ian Madin, James Roddey, Mark Sanchez, Deb Schueller, Paul Staub, Yumei Wang, Rudie Watzig, Rob Witter, and especially Bill Burns and Jared Fischer. Needless to say, the project received critical support at every important turn by Director Vicki McConnell.

Figure 38. Some members of the seismic needs assessment team: (back row from left) Nathan Wallace, Sam Jensen, Andy Tibbetts, Henry Pierce, Juan Hernandez, Bill Burns; (middle row from left) Yumei Wang, Carol Hasenberg, Christine Theodoropoulos, Jerry Mikkelsen; (front row from left) Jared Fischer, Natalie Richards, and Tom Miller.

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11.0. ACRONYMS AND ABBREVIATIONS

CC	community college
DNQ	did not qualify
DOGAMI	Oregon Department of Geology and Mineral Industries
ESD	education service district
FEMA	Federal Emergency Management Administration
GIS	geographic information system
G.O. Bond	General Obligation Bond
GPS	global positioning system
LFRS	lateral force resisting system
NEHRP	National Earthquake Hazards Reduction Program
ODE	Oregon Department of Revenue
ODWR	Oregon Department of Water Resources
OHSU	Oregon Health Sciences University
ORS	Oregon Revised Statutes
OSP	Oregon State Police
OSSPAC	Oregon Seismic Safety Policy Advisory Commission
OUS	Oregon University System
RFPD	rural fire protection district
RVS	rapid visual screening
SAIPE	U.S. Census Small Area Income and Poverty Estimates
SER	structural engineering report
UBC	Uniform Building Code
USGS	U.S. Geological Survey

	School Year	District	County	District	School	Year Built	Year Remod	ODE Sq Ft	2005 Total
1	0506	Baker SD 5J	BAKER	BAKER 05J	Baker High	1950	1991	126904	647
2	0506	Baker SD 5J	BAKER	BAKER 05J	Baker Middle	1916		54000	350
3	0506	Baker SD 5J	BAKER	BAKER 05J	Brooklyn Elem	1955	1973	32812	316
4	0506	Baker SD 5J	BAKER	BAKER 05J	North Baker Elem	1913	1973	36302	298
5	0506	Baker SD 5J	BAKER	BAKER 05J	South Baker Elem	1958	1973	34200	283
6	0506	Pine Eagle SD 61	BAKER	Pine-Eagle 61	Halfway Elem	1945		35600	94
7	0506	Huntington SD 16J	BAKER	Huntington 16J	Huntington School	1950	1964	30302	86
8	0506	Burnt River SD 30J	BAKER	Burnt River 30J	Burnt River School	1968	1998	55000	76
9	0506	Baker SD 5J	BAKER	BAKER 05J	Haines Elem	1911		17500	75
10	0506	Pine Eagle SD 61	BAKER	Pine-Eagle 61	Pine Eagle High	1967		38700	74
11	0506	Baker SD 5J	BAKER	BAKER 05J	Keating Elem	1940		5899	23
12	0506	Baker SD 5J	BAKER	BAKER 05J	Elkhorn Adolescent				18
13	0506	Pine Eagle SD 61	BAKER	Pine-Eagle 61	Richland Elem	1945		29800	16
14	0506	Corvallis SD 509J	BENTON	Corvalis 509J	Corvalis High	1935	1984	240095	1,378
15	0506	Corvallis SD 509J	BENTON	Corvalis 509J	Crescent Valley High	1971		247071	1,045
16	0506	Corvallis SD 509J	BENTON	Corvalis 509J	Linus Pauling Middle	2004			700
17	0506	Philomath SD 17J	BENTON	Philomath 17J	Philomath High	1956	1999	108712	620
18	0506	Corvallis SD 509J	BENTON	Corvalis 509J	Cheldelin Middle	1967		106699	579
19	0506	Corvallis SD 509J	BENTON	Corvalis 509J	Adams Elem	1962	1967	46063	462
20	0506	Philomath SD 17J	BENTON	Philomath 17J	Philomath Elem	1948	1995	53413	426
21	0506	Philomath SD 17J	BENTON	Philomath 17J	Philomath Middle	1973	2000	66492	417
22	0506	Corvallis SD 509J	BENTON	Corvalis 509J	Hoover Elem	1968	1978	40185	411
23	0506	Corvallis SD 509J	BENTON	Corvalis 509J	Mountain View Elem	1954	1966	47393	385
24	0506	Corvallis SD 509J	BENTON	Corvalis 509J	Garfield Elem	1955	1959	45916	374
25	0506	Corvallis SD 509J	BENTON	Corvalis 509J	Franklin Elem	1947	1982	35944	369
26	0506	Corvallis SD 509J	BENTON	Corvalis 509J	Jefferson Elem	1960	1979	44057	319
27	0506	Monroe SD 1J	BENTON	Monroe 1J	Monroe Grade	1950		31626	313
28	0506	Corvallis SD 509J	BENTON	Corvalis 509J	Wilson Elem	1962	1967	46344	292
29	0506	Corvallis SD 509J	BENTON	Corvalis 509J	Lincoln Elem	1949	1981	41054	286
30	0506	Corvallis SD 509J	BENTON	Corvalis 509J	Ianavale School	1950	1982	16032	181
31	0506	Philomath SD 17J	BENTON	Philomath 17J	Clemens Primary	2000		40000	177
32	0506	Monroe SD 1J	BENTON	Monroe 1J	Monroe High	1929	1972	31527	150
33	0506	Philomath SD 17J	BENTON	Philomath 17J	Kings Valley Charter	1950	2001	8292	83
34	0506	Alsea SD 7J	BENTON	Alsea 7J	*Alsea Elem*	1953	1997	33988	81
35	0506	Corvallis SD 509J	BENTON	Corvalis 509J	Children Farm School				76
36	0506	Alsea SD 7J	BENTON	Alsea 7J	*Alsea High*	1953	1997	33988	64
37	0506	Philomath SD 17J	BENTON	Philomath 17J	Blodgett Elem	1950	1995	8001	24
38	0506	Corvallis SD 509J	BENTON	Corvalis 509J	Yes House Alternative				17
39	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	Oregon City Sr High	2003		324433	2,359
40	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Clackamas High	1957	1991	145694	2,053
41	0506	Canby SD 86	CLACKAMAS	Canby 86	Canby High	1929	1993	210170	1,695
42	0506	West Linn-Wilsonville SD 3J	CLACKAMAS	West Linn 3J	West Linn High	1999	2006	190000	1,513
43	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Putnam High	1963	2000	160912	1,435
44	0506	Oregon Trail SD 46	CLACKAMAS	Oregon Trail SD 46	Sandy High (3 bldgs)	1923	1975	154374	1,415
45	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	Lake Oswego High	2005			1,278
46	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Milwaukie High	1925	1999	196150	1,267
47	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Sunrise Middle	1991	1993	99366	1,131
48	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	Lakeridge High	2005			1,062
49	0506	West Linn-Wilsonville SD 3J	CLACKAMAS	West Linn 3J	Wilsonville High	1992	2006	157169	968
50	0506	Canby SD 86	CLACKAMAS	Canby 86	Ackerman Middle	1970	2001	100500	956
51	0506	Molalla River SD 35	CLACKAMAS	Mollala River 35	Molalla High	1976	1997	171660	876
52	0506	Gladstone SD 115	CLACKAMAS	Gladstone 115	Gladstone High	1965	1996	144000	835
53	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Oregon Trail Elem	1993	1998	54716	801
54	0506	West Linn-Wilsonville SD 3J	CLACKAMAS	West Linn 3J	Boones Ferry Primary	2001		76000	760
55	0506	Estacada SD 108	CLACKAMAS	Estacada 108	Estacada High	1962	1982	189603	752
56	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Rowe Middle	1963	1976	75268	743
57	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Alder Creek Middle	2002			726
58	0506	Gladstone SD 115	CLACKAMAS	Gladstone 115	John Wetten Elem				720
59	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Happy Valley Elem	1917	1991	47460	708
60	0506	Molalla River SD 35	CLACKAMAS	Mollala River 35	Molalla River Middle	1954	1968	79277	681
61	0506	Gladstone SD 115	CLACKAMAS	Gladstone 115	WL Kraxberger Middle	1969	1996	76000	676
62	0506	West Linn-Wilsonville SD 3J	CLACKAMAS	West Linn 3J	Rosemont Ridge Middle	1999		96000	671
63	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	Ogden Middle	1965	1983	100370	663
64	0506	West Linn-Wilsonville SD 3J	CLACKAMAS	West Linn 3J	Inza R Wood Middle	1980		77210	619
65	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Spring Mountain Elem	2000			618
66	0506	Canby SD 86	CLACKAMAS	Canby 86	Cecile Trost Elem	1993		65740	611
67	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	Gardiner Middle	1954	1991	98600	602
68	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Witcomb Elem	1958	2001	52111	598
69	0506	West Linn-Wilsonville SD 3J	CLACKAMAS	West Linn 3J	Willamette Primary	1949	1999	73873	594
70	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	Lake Oswego Jr High	1956	1990	106474	592
71	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Oak Grove Elem	1963	2000	59681	590
72	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	Gaffney Lane Elem	1965	2002	54980	583
73	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	Redland Elem	1948	2002	55000	583
74	0506	West Linn-Wilsonville SD 3J	CLACKAMAS	West Linn 3J	Boeckman Creek Primary	1989		71222	583
75	0506	West Linn-Wilsonville SD 3J	CLACKAMAS	West Linn 3J	Stafford Primary	1967	1989	71407	577

	School Year	District	County	District	School	Year Built	Year Remod	ODE Sq Ft	2005 Total
76	0506	West Linn-Wilsonville SD 3J	CLACKAMAS	West Linn 3J	Athey Creek Middle	1990			576
77	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	John McLoughlin Elem	1975	2002	57780	572
78	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	Waluga Jr High	1964		99742	549
79	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Sunnyside Elem	1949	1993	52528	543
80	0506	Canby SD 86	CLACKAMAS	Canby 86	Ninety-One Elem	1945	2001	89957	516
81	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	Beavercreek Elem	1948	1981	47750	511
82	0506	Canby SD 86	CLACKAMAS	Canby 86	William Knight Elem	1948	2001	66414	506
83	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	Lake Grove Elem	1949	1991	61000	502
84	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Bilquist Elem	1960	2001	49581	497
85	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Mount Scott Elem	1989	1991	48730	470
86	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	View Acres Elem	1964	1968	54459	469
87	0506	West Linn-Wilsonville SD 3J	CLACKAMAS	West Linn 3J	Sunset Primary	1941	1999	49063	467
88	0506	Oregon Trail SD 46	CLACKAMAS	Oregon Trail SD 46	Firwood Elem (4 blds)	1966	1978	46980	466
89	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	Uplands Elem	1961	1990	59136	451
90	0506	Canby SD 86	CLACKAMAS	Canby 86	Carus elem	1960	2001	57500	441
91	0506	Molalla River SD 35	CLACKAMAS	Mollala River 35	Molalla Elem	1980		49393	440
92	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	Holcomb Elem	1966	2002	48132	427
93	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Lewelling Elem	1963		48507	423
94	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Riverside Elem	1955	1993	46901	422
95	0506	Oregon Trail SD 46	CLACKAMAS	Oregon Trail SD 46	Cedar Ridge Middle	1955	1974	55272	422
96	0506	Canby SD 86	CLACKAMAS	Canby 86	Howard Eccles Elem	1956	2001	57632	420
97	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	King Elem	1958	1974	44220	411
98	0506	Oregon Trail SD 46	CLACKAMAS	Oregon Trail SD 46	Boring Middle	1948	1978	30450	404
99	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	Mt Pleasant Elem	1929	1981	43070	401
100	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	Forest Hills Elem	1949	1990	50567	400
101	0506	West Linn-Wilsonville SD 3J	CLACKAMAS	West Linn 3J	Cedaroak Park Primary	1966	1999	*3328*	390
102	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	Oak Creek Elem	1991		57700	389
103	0506	Estacada SD 108	CLACKAMAS	Estacada 108	Eagle Creek Elem	1970	1982	52570	381
104	0506	Estacada SD 108	CLACKAMAS	Estacada 108	Estacada Jr High	1936	1982	70288	378
105	0506	Estacada SD 108	CLACKAMAS	Estacada 108	Clackamas River Elem	2003			370
106	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Clackamas Elem	1939	1998	41999	370
107	0506	Oregon Trail SD 46	CLACKAMAS	Oregon Trail SD 46	Sandy Grade (2 bldgs)	1930	1972	42122	354
108	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	Palisades Elem	1959	1988	42846	353
109	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Linwood Elem	1916	1999	38622	352
110	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	Hallinan Elem	1981		46144	340
111	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Cambell Elem	1956	2001	37939	336
112	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Concord Elem	1936	1968	47448	333
113	0506	Estacada SD 108	CLACKAMAS	Estacada 108	River Mill Elem	1970		38262	328
114	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	Westridge Elem	1981		46144	328
115	0506	West Linn-Wilsonville SD 3J	CLACKAMAS	West Linn 3J	Bolton Primary	1955		55718	328
116	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Clackamas Web Academy				317
117	0506	Oregon Trail SD 46	CLACKAMAS	Oregon Trail SD 46	Kelso Elem	1978		39268	315
118	0506	Colton SD 53	CLACKAMAS	Colton 53	Colton Elem	1975		51085	310
119	0506	Molalla River SD 35	CLACKAMAS	Mollala River 35	Mulino Elem	1952	1960	31921	301
120	0506	Oregon Trail SD 46	CLACKAMAS	Oregon Trail SD 46	Welches Elem	1980		31294	295
121	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	Jennings Lodge Elem	1938	2002	32030	293
122	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Milwaukie Elem				292
123	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	Bryant Elem	1966		50135	291
124	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Wichita Elem	1941	1997	33994	291
125	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	River Grove Elem	1968		46289	289
126	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Ardenwald Elem	1924	1992	35256	286
127	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	Park Place Elem	1946	2002	39950	286
128	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	New Urban High				277
129	0506	Colton SD 53	CLACKAMAS	Colton 53	Colton High	1960		20000	267
130	0506	Oregon Trail SD 46	CLACKAMAS	Oregon Trail SD 46	Naas Elem	1968		44936	237
131	0506	Molalla River SD 35	CLACKAMAS	Mollala River 35	Rural Dell Elem	1938	1974	29848	233
132	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	Candy Lane Elem	1969	1974	34930	232
133	0506	Molalla River SD 35	CLACKAMAS	Mollala River 35	Clarkes Elem	1952		5009	194
134	0506	Colton SD 53	CLACKAMAS	Colton 53	Colton Middle	1994		43000	181
135	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Sojourner School				179
136	0506	Oregon Trail SD 46	CLACKAMAS	Oregon Trail SD 46	Welches Middle	1968		32205	177
137	0506	Oregon Trail SD 46	CLACKAMAS	Oregon Trail SD 46	Cottrell Elem	1949	1985	35232	139
138	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	El Puente				126
139	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Clackamas Middle College				120
140	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Milwaukie Academy of the Arts				102
141	0506	West Linn-Wilsonville SD 3J	CLACKAMAS	West Linn 3J	Three Rivers Charter				101
142	0506	Molalla River SD 35	CLACKAMAS	Mollala River 35	Dickey Prarie Elem	1928	1993	12766	100
143	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	CCC-CLC (GED)				70
144	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	Christie Elem				67
145	0506	West Linn-Wilsonville SD 3J	CLACKAMAS	West Linn 3J	Arts & Technology Charter High				60
146	0506	Molalla River SD 35	CLACKAMAS	Mollala River 35	Maple Grove Elem	1928		4896	44
147	0506	Oregon Trail SD 46	CLACKAMAS	Oregon Trail SD 46	Home Schooled				42
148	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	Cascade Academics				29
149	0506	Canby SD 86	CLACKAMAS	Canby 86	CCC-HS Program				24
150	0506	Canby SD 86	CLACKAMAS	Canby 86	Parrott Creek Child Serv				24

	School Year	District	County	District	School	Year Built	Year Remod	ODE Sq Ft	2005 Total
151	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	Crossroads Alternative School				24
152	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	CCC-CLC (GED)				23
153	0506	Molalla River SD 35	CLACKAMAS	Mollala River 35	CCC-CLC (GED)				17
154	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	Northwest School of Success				16
155	0506	Canby SD 86	CLACKAMAS	Canby 86	Canby SD 86				15
156	0506	Oregon Trail SD 46	CLACKAMAS	Oregon Trail SD 46	Mt Hood CC GED				15
157	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Milwaukie High E-School				14
158	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Adult Transition prog				12
159	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	Oregon City SD 62				12
160	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	Elem Day Treatment - Intermed				11
161	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	Elem Day Treatment - Primary				11
162	0506	Gladstone SD 115	CLACKAMAS	Gladstone 115	Cascade Academics				**11**
163	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	PCC GED				11
164	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	ESD at Kraxberger Middle				10
165	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	ESD at Ogden Jr High				10
166	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	OR City High Prog				10
167	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	Seth Lewelling Prog				10
168	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	Sunrise Prog				10
169	0506	Molalla River SD 35	CLACKAMAS	Mollala River 35	CCC				10
170	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	Clackamas High LEEP				9
171	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	Hallinan Prog				9
172	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	McLoughlin Prog				9
173	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	Mt Scott Prog				9
174	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	Post High LEEP				9
175	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	CCC-YPOP Prog				9
176	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	Clackamas River Elem-LEEP				8
177	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	Gladstone High Prog				8
178	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	Ogden AIM				8
179	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	Park Place - LEEP				8
180	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	Heron Cr Jr Acad				7
181	0506	Canby SD 86	CLACKAMAS	Canby 86	NW School Success				6
182	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	ESD at Jackson Post High				6
183	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	Ninety-One Prog				6
184	0506	Canby SD 86	CLACKAMAS	Canby 86	Serendipity				5
185	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	Eagle Cr Primary - LEEP				5
186	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	Lk Oswego Achievement				5
187	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	River Grove - AIM				5
188	0506	Gladstone SD 115	CLACKAMAS	Gladstone 115	CCC-HS Prog				**5**
189	0506	Molalla River SD 35	CLACKAMAS	Mollala River 35	CCC-YPOP Prog				5
190	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	CCC-Tri Cities				5
191	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	CCC-YPOP Prog				5
192	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	Tucker-Maxon Oral				5
193	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	Heron Cr High Acad				4
194	0506	Molalla River SD 35	CLACKAMAS	Mollala River 35	CCC-HS Prog				4
195	0506	Molalla River SD 35	CLACKAMAS	Mollala River 35	CCC-Tri Cities				4
196	0506	Clackamas ESD	CLACKAMAS	Clackamas ESD R15	Transition Prog -Clack ESD				3
197	0506	Gladstone SD 115	CLACKAMAS	Gladstone 115	CCC				**3**
198	0506	Gladstone SD 115	CLACKAMAS	Gladstone 115	CCC-CLC (GED)				**3**
199	0506	Gladstone SD 115	CLACKAMAS	Gladstone 115	Serendipity				3
200	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	CCC-Tri Cities				3
201	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	Serendipity				3
202	0506	Canby SD 86	CLACKAMAS	Canby 86	Cascades Academics				2
203	0506	Canby SD 86	CLACKAMAS	Canby 86	Crossroads Alt				2
204	0506	Gladstone SD 115	CLACKAMAS	Gladstone 115	CCC-YPOP Prog				**2**
205	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	Cascade Academics				2
206	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	CCC-CLC (GED)				2
207	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	PCC College Bound				2
208	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	Tucker-Maxon Oral				2
209	0506	Molalla River SD 35	CLACKAMAS	Mollala River 35	Northwest School of Success				2
210	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	CCC-HS Prog				2
211	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Serendipity				2
212	0506	Canby SD 86	CLACKAMAS	Canby 86	SERP Enterprises				1
213	0506	Gladstone SD 115	CLACKAMAS	Gladstone 115	CCC-ESL Prog				**1**
214	0506	Gladstone SD 115	CLACKAMAS	Gladstone 115	OR Outreach				1
215	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	CCC				1
216	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	CCC-Tri Cities				1
217	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	PCC				1
218	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	Quest Schools Inc				1
219	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	Serendipity				1
220	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	The Childrens Hour				1
221	0506	Lake Oswego SD 7J	CLACKAMAS	Lake Oswego 7J	Thomas Edison High				1
222	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Crossroads Alternative School				1
223	0506	North Clackamas SD 12	CLACKAMAS	North Clackamas 12	Portland Youth Builders				1
224	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	Home Schooled				1
225	0506	Oregon City SD 62	CLACKAMAS	Oregon City SD 62	SERP Enterprises Inc				1

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226	0506	Oregon Trail SD 46	CLACKAMAS	Oregon Trail SD 46	CCC				1
227	0506	Oregon Trail SD 46	CLACKAMAS	Oregon Trail SD 46	Mt Hood CC				1
228	0506	Astoria SD 1	CLATSOP	Astoria 1	Astoria High	1956		120400	747
229	0506	Warrenton-Hammond SD 30	CLATSOP	Warrenton 30	Warrenton Grade	1980		85000	546
230	0506	Seaside SD 10	CLATSOP	Seaside 10	Seaside High	1958	1993	94256	521
231	0506	Astoria SD 1	CLATSOP	Astoria 1	Astoria Elem	1924		64575	432
232	0506	Astoria SD 1	CLATSOP	Astoria 1	Lewis & Clark Elem	1929		40000	414
233	0506	Seaside SD 10	CLATSOP	Seaside 10	Broadway Middle	1949	1993	75036	358
234	0506	Knappa SD 4	CLATSOP	Knappa 4	Hilda Lahti Elem	1959	1967	50000	345
235	0506	Astoria SD 1	CLATSOP	Astoria 1	Astoria Middle	1967		108150	301
236	0506	Seaside SD 10	CLATSOP	Seaside 10	Seaside Heights Elem	1973		67200	298
237	0506	Seaside SD 10	CLATSOP	Seaside 10	Gearhart Elem	1949		34875	286
238	0506	Warrenton-Hammond SD 30	CLATSOP	Warrenton 30	Warrenton High	1945	1972	35000	259
239	0506	Knappa SD 4	CLATSOP	Knappa 4	Knappa High	1952	1976	66735	217
240	0506	Jewell SD 8	CLATSOP	Jewell 8	Jewell School	1974		15000	190
241	0506	Astoria SD 1	CLATSOP	Astoria 1	Gray Elem	1924		60500	131
242	0506	Seaside SD 10	CLATSOP	Seaside 10	Cannon Beach Elem	1950		16472	117
243	0506	St Helens SD 502	COLUMBIA	St Helens 502	St Helens High (4 bldgs)	1958	1982	212750	1,106
244	0506	St Helens SD 502	COLUMBIA	St Helens 502	McBride Elem	1996		80000	839
245	0506	St Helens SD 502	COLUMBIA	St Helens 502	Lewis & Clark Elem	2000		80000	817
246	0506	Scappoose SD 1J	COLUMBIA	Scappoose 1J	Scappoose High	1972		102000	741
247	0506	Rainier SD 13	COLUMBIA	Rainier 13	Hudson Park Elem	1976	1981	35992	598
248	0506	Rainier SD 13	COLUMBIA	Rainier 13	Ranier Jr/Sr High	1976	1985	136887	589
249	0506	St Helens SD 502	COLUMBIA	St Helens 502	St Helens Middle	1964		77099	542
250	0506	Clatskanie SD 6J	COLUMBIA	Clatskanie 6J	Clatskanie Middle/High	1978	2002	117768	477
251	0506	Scappoose SD 1J	COLUMBIA	Scappoose 1J	Petersen Elem	1940		58760	454
252	0506	Clatskanie SD 6J	COLUMBIA	Clatskanie 6J	Clatskanie Elem	1927	2002	49008	388
253	0506	Scappoose SD 1J	COLUMBIA	Scappoose 1J	Grant Watts Elem	1963		39300	385
254	0506	Scappoose SD 1J	COLUMBIA	Scappoose 1J	Scappoose Middle	1930	1958	47000	351
255	0506	Vernonia SD 47J	COLUMBIA	Veronia 47J	Washington Elem	1930		56068	296
256	0506	St Helens SD 502	COLUMBIA	St Helens 502	Columbia City School	1929	1999	40000	263
257	0506	Vernonia SD 47J	COLUMBIA	Veronia 47J	Vernonia High	1950		40950	241
258	0506	Scappoose SD 1J	COLUMBIA	Scappoose 1J	Warren Elem	1903	1993	25000	196
259	0506	Vernonia SD 47J	COLUMBIA	Veronia 47J	Vernonia Middle	2005			166
260	0506	Scappoose SD 1J	COLUMBIA	Scappoose 1J	Sauvie Island Elem	1981		26675	91
261	0506	St Helens SD 502	COLUMBIA	St Helens 502	Columbia County Education Campus				74
262	0506	Rainier SD 13	COLUMBIA	Rainier 13	North Columbia Academy				25
263	0506	St Helens SD 502	COLUMBIA	St Helens 502	Columbia River Youth Corp				22
264	0506	Vernonia SD 47J	COLUMBIA	Veronia 47J	Mist Elem	1917	1980	4800	13
265	0506	Colton SD 53	COLUMBIA	Colton 53	CCC - Target Learning				9
266	0506	Colton SD 53	COLUMBIA	Colton 53	CCC-Campus Learning				1
267	0506	Coos Bay SD 9	COOS	Coos Bay 9	Marshfield High (6 bldgs)	1923	2001	286238	1,210
268	0506	North Bend SD 13	COOS	North Bend 13	North Bend Sr High (5 bldgs)	1949	1976	172265	706
269	0506	Coos Bay SD 9	COOS	Coos Bay 9	Sunset Middle	1993		94474	575
270	0506	Coos Bay SD 9	COOS	Coos Bay 9	Blossom Gulch Elem	1954		59896	499
271	0506	North Bend SD 13	COOS	North Bend 13	Hillcrest Elem	1948	1965	39484	495
272	0506	Coos Bay SD 9	COOS	Coos Bay 9	Millacoma Middle	1963		81767	486
273	0506	Coos Bay SD 9	COOS	Coos Bay 9	Madison Elem	1953	1962	41809	396
274	0506	Myrtle Point SD 41	COOS	Myrtle Point 41	Myrtle Point High	1929		88500	391
275	0506	North Bend SD 13	COOS	North Bend 13	North Bend Middle	1960	1975	86186	386
276	0506	Coquille SD 8	COOS	Coquille 8	Coquille High	1949	1971	106102	371
277	0506	Myrtle Point SD 41	COOS	Myrtle Point 41	Myrtle Crest Elem	1945		72000	344
278	0506	North Bend SD 13	COOS	North Bend 13	Oregon Coast Technology				317
279	0506	Coos Bay SD 9	COOS	Coos Bay 9	Bunker Hill Elem	1955	1959	25224	315
280	0506	Bandon SD 54	COOS	Bandon 54	Bandon High	1975		60140	292
281	0506	Coquille SD 8	COOS	Coquille 8	Lincoln Elem	1965	1972	34408	283
282	0506	Bandon SD 54	COOS	Bandon 54	Harbor Lights Middle (2 wings)	1957	1975	37235	240
283	0506	Bandon SD 54	COOS	Bandon 54	Ocean Crest Elem (2 sections)	1939	1975	36309	236
284	0506	Coquille SD 8	COOS	Coquille 8	Coquille Valley Middle	1972		68064	232
285	0506	North Bend SD 13	COOS	North Bend 13	North Bay Elem	1965		77235	170
286	0506	Coquille SD 8	COOS	Coquille 8	Coquille Valley Intermediate				153
287	0506	North Bend SD 13	COOS	North Bend 13	Lighthouse School				144
288	0506	Coos Bay SD 9	COOS	Coos Bay 9	Destinations Academy				84
289	0506	Powers SD 31	COOS	Powers 31	Powers High	1956		18600	78
290	0506	Powers SD 31	COOS	Powers 31	Powers Elem	1930		8635	72
291	0506	Coos Bay SD 9	COOS	Coos Bay 9	Resource Link Charter				28
292	0506	South Coast ESD	COOS	South Coast ESD R7	Adult Transition				16
293	0506	North Bend SD 13	COOS	North Bend 13	Pacific Child Care Center				12
294	0506	Coos Bay SD 9	COOS	Coos Bay 9	Alt Youth Activities				5
295	0506	Crook County SD	CROOK	Crook County	Crook County High	1996		155600	1,001
296	0506	Crook County SD	CROOK	Crook County	Crook County Middle	1952	1995	83238	726
297	0506	Crook County SD	CROOK	Crook County	Cecil Sly Elem	1960		57730	515
298	0506	Crook County SD	CROOK	Crook County	Ochoco Elem	1945		39694	413
299	0506	Crook County SD	CROOK	Crook County	Crooked River Elem	1930		42043	390
300	0506	Crook County SD	CROOK	Crook County	Powell Butte Elem	1930		15761	160

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301	0506	Crook County SD	CROOK	Crook County	**Pioneer Secondary Alt**				57
302	0506	Crook County SD	CROOK	Crook County	Paulina Elem	1948		6414	33
303	0506	Brookings-Harbor SD 17C	**CURRY**	**Brookings 17**	**Kalmiopsis Elem (2 bldgs)**	**1958**	**2003**	**85768**	**686**
304	0506	Brookings-Harbor SD 17C	**CURRY**	**Brookings 17**	**Brookings-Harbor High**	**1954**	**2003**	**85643**	**652**
305	0506	Central Curry SD 1	**CURRY**	**Central Curry 1**	**Riley Creek Elem**	**1956**	**1989**	**64916**	**420**
306	0506	Brookings-Harbor SD 17C	**CURRY**	**Brookings 17**	**Azalea Middle**	**1950**	**2003**	**62599**	**414**
307	0506	Central Curry SD 1	**CURRY**	**Central Curry 1**	**Gold Beach High**	**1927**	**1975**	**93110**	**244**
308	0506	Port Orford-Langlois SD 2CJ	**CURRY**	**Port Orford 2J**	**Pacific High**	**1957**		**43500**	**126**
309	0506	Port Orford-Langlois SD 2CJ	**CURRY**	**Port Orford 2J**	**Driftwood Elem**	**1940**		**20928**	**108**
310	0506	Port Orford-Langlois SD 2CJ	**CURRY**	**Port Orford 2J**	**Blanco School**	**1939**		**27044**	**105**
311	0506	Brookings-Harbor SD 17C	**CURRY**	**Brookings 17**	**Upper Chetco Charter**	**1938**	**1996**	**7749**	**27**
312	0506	Brookings-Harbor SD 17C	**CURRY**	**Brookings 17**	**Pacific Bridges**				**24**
313	0506	Central Curry SD 1	**CURRY**	**Central Curry 1**	**Agness Elem**	**1939**		**4000**	**8**
314	0506	Redmond SD 2J	**DESCHUTES**	**Redmond 2J**	**Redmond High**	**1970**	**1995**	**207480**	**1,802**
315	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**Mt View High**	**1978**	**1994**	**199440**	**1,570**
316	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**Bend High**	**1956**	**2000**	**199428**	**1,435**
317	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**Summit High**	**2001**		**210000**	**1,248**
318	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**High Lakes Elem**	**2000**		**65000**	**761**
319	0506	Redmond SD 2J	**DESCHUTES**	**Redmond 2J**	**Obsidian Middle**	**1980**		**106239**	**731**
320	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**Cascade Elem**	**1978**		**92857**	**694**
321	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**Buckingham Elem**	**1980**		**55376**	**681**
322	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**R E Jewell Elem**	**1974**	**1980**	**54252**	**678**
323	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**High Desert Middle**	**1993**		**106000**	**651**
324	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**Pilot Butte Middle**	**1967**	**1998**	**101803**	**646**
325	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**Lava Ridge Elem**	**1994**		**62000**	**635**
326	0506	Redmond SD 2J	**DESCHUTES**	**Redmond 2J**	**Vern Patrick Elem**	**1995**		**55000**	**606**
327	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**Sky View Middle**	**2000**		**113000**	**600**
328	0506	Redmond SD 2J	**DESCHUTES**	**Redmond 2J**	**Evergreen Elem**	**1921**	**1995**	**64340**	**593**
329	0506	Sisters SD 6	**DESCHUTES**	**Sisters 6**	**Sisters High**	**2003**		**152400**	**587**
330	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**Elk Meadow Elem**	**1993**		**62000**	**576**
331	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**Bear Creek Elem**	**1963**	**1973**	**52469**	**574**
332	0506	Redmond SD 2J	**DESCHUTES**	**Redmond 2J**	**M A Lynch Elem**	**1965**	**1995**	**42736**	**571**
333	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**LaPine High**	**1981**		**100068**	**527**
334	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**LaPine Middle**	**1978**		**72517**	**518**
335	0506	Redmond SD 2J	**DESCHUTES**	**Redmond 2J**	**Terrebonne Community**	**1940**	**1995**	**34880**	**517**
336	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**LaPine Elem**	**1993**	**1995**	**62000**	**506**
337	0506	Redmond SD 2J	**DESCHUTES**	**Redmond 2J**	**John Tuck Elem**	**1947**	**1995**	**50425**	**502**
338	0506	Sisters SD 6	**DESCHUTES**	**Sisters 6**	**Sisters Elem**	**1970**	**1984**	**63000**	**475**
339	0506	Redmond SD 2J	**DESCHUTES**	**Redmond 2J**	**Hugh Hartman Middle**	**1995**		**80000**	**470**
340	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**Three Rivers Elem**	**1989**	**1995**	**34210**	**437**
341	0506	Redmond SD 2J	**DESCHUTES**	**Redmond 2J**	**Tumalo Elem**	**1918**	**1995**	**37900**	**430**
342	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**Juniper Elem**	**1965**	**1980**	**52134**	**408**
343	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**Highland School at kenwood Elem**				**363**
344	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**Pine Ridge Elem**	**2004**		**46500**	**360**
345	0506	Sisters SD 6	**DESCHUTES**	**Sisters 6**	**Sisters Middle**	**1992**		**96400**	**322**
346	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**Ensworth Elem**	**2004**		**42000**	**264**
347	0506	Redmond SD 2J	**DESCHUTES**	**Redmond 2J**	**Deschutes Edge Charter**				**210**
348	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**Westside Village Magnet School at Kingston**				**179**
349	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**Marshall High**	**1948**	**1972**	**8211**	**159**
350	0506	Bend-LaPine Administrative SD 1	**DESCHUTES**	**Bend Lapine 1**	**Amity Creek Elem**	**1925**		**62592**	**157**
351	0506	Redmond SD 2J	DESCHUTES	Redmond 2J	Edwin Brown High	1950	1999	16665	104
352	0506	Redmond SD 2J	DESCHUTES	Redmond 2J	International Scool of the Cascades				54
353	0506	Bend-LaPine Administrative SD 1	DESCHUTES	Bend Lapine 1	REALMS (Rimrock ...)				48
354	0506	Bend-LaPine Administrative SD 1	DESCHUTES	Bend Lapine 1	Oregon Virtual School				10
355	0506	High Desert ESD	DESCHUTES	High Desert ESD	Cascade Child Center				9
356	0506	Douglas County SD 4	**DOUGLAS**	**Douglas County SD4**	**Roseburg High**	**1926**	**1987**	**224210**	**2,044**
357	0506	Douglas County SD 4	**DOUGLAS**	**Douglas County SD4**	**Joseph Lane Middle**	**1955**	**1976**	**91990**	**829**
358	0506	Douglas County SD 4	**DOUGLAS**	**Douglas County SD4**	**John C Fremont Middle**	**1951**	**1980**	**100985**	**771**
359	0506	South Umpqua SD 19	**DOUGLAS**	**South Umpqua 19**	**South Umpqua High**	**1965**	**2000**	**115000**	**554**
360	0506	Sutherlin SD 130	**DOUGLAS**	**Sutherlin 130**	**Sutherlin High**	**1945**	**1976**	**84698**	**500**
361	0506	Winston-Dillard SD 116	**DOUGLAS**	**Winston 116**	**Douglas High (7 bldgs)**	**1954**	**1974**	**64393**	**481**
362	0506	Douglas County SD 4	**DOUGLAS**	**Douglas County SD4**	**Hucrest Elem**	**1955**	**2002**	**44971**	**428**
363	0506	Douglas County SD 4	**DOUGLAS**	**Douglas County SD4**	**Green Elem**	**1945**	**1965**	**36298**	**426**
364	0506	Sutherlin SD 130	**DOUGLAS**	**Sutherlin 130**	**East Sutherlin Primary**	**1944**	**2000**	**49500**	**422**
365	0506	Reedsport SD 105	**DOUGLAS**	**Reedsport 105**	**Reedsport Jr/Sr High**	**1948**	**1964**	**120717**	**420**
366	0506	Douglas County SD 4	**DOUGLAS**	**Douglas County SD4**	**Winchester Elem**	**1945**	**1962**	**46199**	**419**
367	0506	South Umpqua SD 19	**DOUGLAS**	**South Umpqua 19**	**Coffenberry Middle**	**1947**		**22829**	**368**
368	0506	Winston-Dillard SD 116	**DOUGLAS**	**Winston 116**	**Brockway Elem**	**2003**			**367**
369	0506	South Umpqua SD 19	**DOUGLAS**	**South Umpqua 19**	**Tri-City Elem**	**1952**	**1988**	**40395**	**363**
370	0506	Reedsport SD 105	**DOUGLAS**	**Reedsport 105**	**Highland Elem**	**1952**		**64000**	**356**
371	0506	Glide SD 12	**DOUGLAS**	**Glide 12**	**Glide Elem**	**1963**	**1978**	**52180**	**349**
372	0506	Sutherlin SD 130	**DOUGLAS**	**Sutherlin 130**	**West Sutherlin Intermediate**	**1953**	**1999**	**34065**	**349**
373	0506	Douglas County SD 4	**DOUGLAS**	**Douglas County SD4**	**Fullerton IV Elem**	**1961**		**31921**	**346**
374	0506	South Umpqua SD 19	**DOUGLAS**	**South Umpqua 19**	**Myrtle Creek Elem**	**1949**	**1954**	**26186**	**339**
375	0506	Douglas County SD 4	**DOUGLAS**	**Douglas County SD4**	**Eastwood Elem**	**1957**	**1988**	**31898**	**337**

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376	0506	Glide SD 12	DOUGLAS	Glide 12	Glide High	1951	1991	66898	291
377	0506	Douglas County SD 4	DOUGLAS	Douglas County SD4	Fir Grove Elem	1961		28303	284
378	0506	North Douglas SD 22	DOUGLAS	North Douglas 22	North Douglas Elem	1930	1992	48000	284
379	0506	Douglas County SD 4	DOUGLAS	Douglas County SD4	Melrose Elem	1929	1970	29567	272
380	0506	Winston-Dillard SD 116	DOUGLAS	Winston 116	Winston Middle	1966		56534	255
381	0506	Winston-Dillard SD 116	DOUGLAS	Winston 116	McGovern Elem	1959	1988	55417	254
382	0506	Glendale SD 77	DOUGLAS	Glendale 77	Glendale Elem	1977		58512	241
383	0506	Douglas County SD 4	DOUGLAS	Douglas County SD4	Sunnyslope Elem	1965	1980	41891	240
384	0506	Glendale SD 77	DOUGLAS	Glendale 77	Glendale High	1976		54626	235
385	0506	Sutherlin SD 130	DOUGLAS	Sutherlin 130	Sutherlin Middle	1962	1990	25836	232
386	0506	Douglas County SD 4	DOUGLAS	Douglas County SD4	Rose Elem	1939	1974	38034	227
387	0506	Riddle SD 70	DOUGLAS	Riddle 70	Riddle Elem	1956		40000	227
388	0506	Riddle SD 70	DOUGLAS	Riddle 70	Riddle High	1935		49600	223
389	0506	Yoncalla SD 32	DOUGLAS	Yoncalla 32	Yoncalla Elem	1952	1984	42066	223
390	0506	South Umpqua SD 19	DOUGLAS	South Umpqua 19	Canyonville School (3 bldgs)	1935	1986	33050	210
391	0506	Oakland SD 1	DOUGLAS	Oakland 1	Oakland High	1948		51202	203
392	0506	Oakland SD 1	DOUGLAS	Oakland 1	Oakland Elem	1975	1976	35504	188
393	0506	Douglas County SD 4	DOUGLAS	Douglas County SD4	The Phoenix School				186
394	0506	Winston-Dillard SD 116	DOUGLAS	Winston 116	Looking Glass Elem (3 bldgs)	1924	1966	38700	181
395	0506	Oakland SD 1	DOUGLAS	Oakland 1	Lincoln Elem	1953	1970	27846	170
396	0506	Camas Valley SD 21J	DOUGLAS	Camas Valley 21	Camas Valley (6 bldgs)	1928	1970	39030	162
397	0506	Yoncalla SD 32	DOUGLAS	Yoncalla 32	Yoncalla high	1949	1964	41934	125
398	0506	Glide SD 12	DOUGLAS	Glide 12	Glide Middle	1945	1959	44593	124
399	0506	North Douglas SD 22	DOUGLAS	North Douglas 22	North Douglas High	1930	1972	50000	115
400	0506	Douglas County SD 15	DOUGLAS	Douglas County SD15	Days Creek Charter	1928	1989	59898	114
401	0506	Elkton SD 34	DOUGLAS	Elkton 34	Elkton Elem	1946		21983	100
402	0506	Douglas County SD 4	DOUGLAS	Douglas County SD4	Roseburg Recapture				81
403	0506	Douglas County SD 15	DOUGLAS	Douglas County SD15	Tiller Elem	1929		17548	66
404	0506	Elkton SD 34	DOUGLAS	Elkton 34	Elkton High	1918	1972	26936	62
405	0506	Riddle SD 70	DOUGLAS	Riddle 70	Riddle Education Center				50
406	0506	Douglas County SD 4	DOUGLAS	Douglas County SD4	Phoenix School of Roseburg				20
407	0506	Glide SD 12	DOUGLAS	Glide 12	Toketee Falls Elem	1955	1988	7548	15
408	0506	Reedsport SD 105	DOUGLAS	Reedsport 105	Reedsport Alternative				4
409	0506	Arlington SD 3	GILLIAM	Arlington 3	Arlington Elem	1961		29359	80
410	0506	Condon SD 25J	GILLIAM	Condon 25J	Condon Elem	1925	1960	36000	79
411	0506	Condon SD 25J	GILLIAM	Condon 25J	Condon High	1961		34000	72
412	0506	Arlington SD 3	GILLIAM	Arlington 3	Arlington High	1952	2000	29033	44
413	0506	John Day SD 3	GRANT	John Day 3	Humbolt Elem	1956	1991	28990	286
414	0506	John Day SD 3	GRANT	John Day 3	Grant Union High	1936	1999	82824	275
415	0506	John Day SD 3	GRANT	John Day 3	Mt Vernon Middle	1916	1994	28990	163
416	0506	Prairie City SD 4	GRANT	Prairie City 4	Pairie City School	1929	1979	13356	157
417	0506	John Day SD 3	GRANT	John Day 3	Seneca Elem	1932	1999	13674	61
418	0506	Dayville SD 16J	GRANT	Dayville 16J	Dayville School	1948	1961	5825	58
419	0506	Monument SD 8	GRANT	Monument 8	Monument School	1929	1994	10000	56
420	0506	Long Creek SD 17	GRANT	Long Creek 17	Long Creek School	1971		11885	50
421	0506	Harney County SD 3	HARNEY	Harney County 3	Henry L Slater Elem (2 units)	1912	1958	45595	394
422	0506	Harney County SD 3	HARNEY	Harney County 3	Burns High	1957	1964	67876	315
423	0506	Harney County SD 3	HARNEY	Harney County 3	Hines Middle				252
424	0506	Harney County Union High SD 1J	HARNEY	Harney County UHS 1J	Crane Union High (3 bldgs)	1969		38432	84
425	0506	Harney County SD 4	HARNEY	Harney County 4	Crane Elem	1968	2001	18000	80
426	0506	Harney County SD 3	HARNEY	Harney County 3	BHS Alternative				21
427	0506	South Harney SD 33	HARNEY	South Harney 33	Fields Elem				17
428	0506	Drewsey SD 13	HARNEY	Drewsey 13	Drewsey Elem				15
429	0506	Pine Creek SD 5	HARNEY	Pine Creek 5	Pine Creek Elem				12
430	0506	Suntex SD 10	HARNEY	Suntex 10	Suntex Elem	2001		4352	12
431	0506	Diamond SD 7	HARNEY	Diamonds 7	Diamonds Elem				11
432	0506	Frenchglen SD 16	HARNEY	Frenchglen 16	Frenchglen Elem	1920	1995	3264	11
433	0506	Double O SD 28	HARNEY	Double O 28	Double O Elem	1953	2000	3000	1
434	0506	Hood River County SD	HOOD RIVER	Hood River County 1	Hood River Valley High	1969	1994	180295	1,239
435	0506	Hood River County SD	HOOD RIVER	Hood River County 1	Westside Elem	1969	1995	64760	460
436	0506	Hood River County SD	HOOD RIVER	Hood River County 1	Hood River Middle	1927	1995	88483	451
437	0506	Hood River County SD	HOOD RIVER	Hood River County 1	Wy'east Middle	1951	1980	84616	428
438	0506	Hood River County SD	HOOD RIVER	Hood River County 1	May Street Elem	1922	1957	44354	422
439	0506	Hood River County SD	HOOD RIVER	Hood River County 1	Mid Valley Elem	1937	1995	68162	409
440	0506	Hood River County SD	HOOD RIVER	Hood River County 1	Parkdale Elem	1937	1995	40311	267
441	0506	Hood River County SD	HOOD RIVER	Hood River County 1	Cascade Locks School	1948	1995	41783	186
442	0506	Hood River County SD	HOOD RIVER	Hood River County 1	Pine Grove Elem	1925		22540	127
443	0506	Hood River County SD	HOOD RIVER	Hood River County 1	The Next Door Inc				14
444	0506	Hood River County SD	HOOD RIVER	Hood River County 1	Hood River Sheltered Workshop				8
445	0506	Hood River County SD	HOOD RIVER	Hood River County 1	Coe Learning Center				4
446	0506	Medford SD 549C	JACKSON	Medford 549	North Medford High (10 bldgs)	1967	1978	192822	1,941
447	0506	Medford SD 549C	JACKSON	Medford 549	South Medford High (3 bldgs)	1931	1987	259366	1,887
448	0506	Central Point SD 6	JACKSON	Central Point 6	Crater High	1950	1990	138718	1,494
449	0506	Eagle Point SD 9	JACKSON	Eagle Point 9	Eagle Point High	1975		177000	1,218
450	0506	Ashland SD 5	JACKSON	Ashland 5	Ashland High (11 bldgs)	1948	1987	215827	1,123

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451	0506	Medford SD 549C	JACKSON	Medford 549	Hedrick Middle	1955	1996	146065	956
452	0506	Medford SD 549C	JACKSON	Medford 549	McLoughlin Middle	1926	1996	138327	882
453	0506	Phoenix-Talent SD 4	JACKSON	Phoenix-Talent 4	Phoenix High	1945	1991	131525	848
454	0506	Central Point SD 6	JACKSON	Central Point 6	Scenic Middle	1966		78792	823
455	0506	Ashland SD 5	JACKSON	Ashland 5	Ashland Middle (new)	1998		51308	714
456	0506	Phoenix-Talent SD 4	JACKSON	Phoenix-Talent 4	Talent Middle	1945	1991	69850	639
457	0506	Medford SD 549C	JACKSON	Medford 549	Wilson Elem	1958		44204	572
458	0506	Medford SD 549C	JACKSON	Medford 549	Griffin Creek Elem (4 bldgs)	1902	1996	52530	560
459	0506	Medford SD 549C	JACKSON	Medford 549	Lone Pine Elem (6 bldgs)	1948	1996	65626	558
460	0506	Medford SD 549C	JACKSON	Medford 549	Howard Elem (2 bldgs)	1972	1983	59530	549
461	0506	Medford SD 549C	JACKSON	Medford 549	Kennedy Elem (10 bldgs)	1977	1982	53550	547
462	0506	Medford SD 549C	JACKSON	Medford 549	Jefferson Elem	1955		38185	543
463	0506	Medford SD 549C	JACKSON	Medford 549	Abraham Lincoln Elem	1996		63438	525
464	0506	Central Point SD 6	JACKSON	Central Point 6	Richardson Elem	1964		32476	516
465	0506	Central Point SD 6	JACKSON	Central Point 6	Central Point Elem	1908	1947	43421	495
466	0506	Eagle Point SD 9	JACKSON	Eagle Point 9	White City Elem	1965	1975	44968	489
467	0506	Medford SD 549C	JACKSON	Medford 549	Hoover Elem	1958		51611	484
468	0506	Central Point SD 6	JACKSON	Central Point 6	Jewett Elem	1955	1984	45018	483
469	0506	Eagle Point SD 9	JACKSON	Eagle Point 9	Eagle Point Middle	2004		100000	473
470	0506	Phoenix-Talent SD 4	JACKSON	Phoenix-Talent 4	Talent Elem	1973	1997	50262	472
471	0506	Eagle Point SD 9	JACKSON	Eagle Point 9	Little Butte School	1928	1958	44760	462
472	0506	Phoenix-Talent SD 4	JACKSON	Phoenix-Talent 4	Phoenix Elem	1973	1997	50262	461
473	0506	Medford SD 549C	JACKSON	Medford 549	Oak Grove Elem (5 bldgs)	1891	1996	47329	455
474	0506	Medford SD 549C	JACKSON	Medford 549	Washington Elem	1931		40873	443
475	0506	Rogue River SD 35	JACKSON	Rogue River 35	Rogue River High	1975	1978	77578	436
476	0506	Eagle Point SD 9	JACKSON	Eagle Point 9	Eagle Rock Elem	2003		38850	401
477	0506	Medford SD 549C	JACKSON	Medford 549	Jacksonville Elem (3 bldgs)	1954	1990	31832	401
478	0506	Medford SD 549C	JACKSON	Medford 549	Roosevelt Elem	1912		42433	385
479	0506	Eagle Point SD 9	JACKSON	Eagle Point 9	White Mountain Middle	2003			383
480	0506	Ashland SD 5	JACKSON	Ashland 5	Walker Elem	1948	1966	43108	382
481	0506	Medford SD 549C	JACKSON	Medford 549	Jackson Elem	1912		42433	380
482	0506	Eagle Point SD 9	JACKSON	Eagle Point 9	Mountain View Elem	1977	1987	43575	366
483	0506	Phoenix-Talent SD 4	JACKSON	Phoenix-Talent 4	Orchard Hill Elem	1983		50182	354
484	0506	Rogue River SD 35	JACKSON	Rogue River 35	Rogue River Elem	1950	1966	31784	329
485	0506	Ashland SD 5	JACKSON	Ashland 5	Helman Elem	1965	1974	34812	308
486	0506	Rogue River SD 35	JACKSON	Rogue River 35	Rogue River Middle	1920	2002	42158	289
487	0506	Medford SD 549C	JACKSON	Medford 549	Medford Opportunity High				279
488	0506	Ashland SD 5	JACKSON	Ashland 5	Bellview Elem	1952	1977	37744	276
489	0506	Central Point SD 6	JACKSON	Central Point 6	Hanby Middle	1910	1991	38449	275
490	0506	Eagle Point SD 9	JACKSON	Eagle Point 9	Shady Cove Elem	1928	1984	41071	273
491	0506	Central Point SD 6	JACKSON	Central Point 6	Patrick Elem	1956	1977	35004	268
492	0506	Central Point SD 6	JACKSON	Central Point 6	Sams Valley Elem	1966	1977	40063	264
493	0506	Medford SD 549C	JACKSON	Medford 549	Ruch Elem (3 bldgs)	1913	1986	20811	191
494	0506	Prospect SD 59	JACKSON	Prospect 59	Prospect School	1980		33513	187
495	0506	Rogue River SD 35	JACKSON	Rogue River 35	Evans Valley Elem	1924	1977	23811	154
496	0506	Eagle Point SD 9	JACKSON	Eagle Point 9	Elk Trail Elem	1936	1966	24090	136
497	0506	Butte Falls SD 91	JACKSON	Butte Falls 91	Butte Falls Middle/High	1926	1997	22716	112
498	0506	Phoenix-Talent SD 4	JACKSON	Phoenix-Talent 4	Armadillo Technical Academy				97
499	0506	Butte Falls SD 91	JACKSON	Butte Falls 91	Butte Falls Elem	1967	1996	21449	84
500	0506	Eagle Point SD 9	JACKSON	Eagle Point 9	Lake Creek Learning center	1999		7678	50
501	0506	Central Point SD 6	JACKSON	Central Point 6	CrossRoads School				46
502	0506	Eagle Point SD 9	JACKSON	Eagle Point 9	Eagle Point Alternative				37
503	0506	Ashland SD 5	JACKSON	Ashland 5	Community Works Lithia Springs School				29
504	0506	Pinehurst SD 94	JACKSON	Pinehurst 94	Pinehurst Elem	1928		4580	23
505	0506	Ashland SD 5	JACKSON	Ashland 5	Comm Learning Ctr	1932	1977	8553	21
506	0506	Phoenix-Talent SD 4	JACKSON	Phoenix-Talent 4	Phoenix High Night				17
507	0506	Ashland SD 5	JACKSON	Ashland 5	Southern Oregon CSTC				9
508	0506	Central Point SD 6	JACKSON	Central Point 6	Hazel Middle Prog				6
509	0506	Jefferson County SD 509J	JEFFERSON	Jefferson 509J	Madras High	1964		84814	916
510	0506	Jefferson County SD 509J	JEFFERSON	Jefferson 509J	Jefferson County Middle	1995		124288	678
511	0506	Jefferson County SD 509J	JEFFERSON	Jefferson 509J	Warm Springs Elem (3 bldgs)	1938	1964	45105	388
512	0506	Jefferson County SD 509J	JEFFERSON	Jefferson 509J	Madras Elem	1938	1951	52428	277
513	0506	Culver SD 4	JEFFERSON	Culver 4	Culver Elem	1997		19533	269
514	0506	Jefferson County SD 509J	JEFFERSON	Jefferson 509J	Buff Elem	2005			261
515	0506	Jefferson County SD 509J	JEFFERSON	Jefferson 509J	Westside Elem	1938	1998	54540	244
516	0506	Jefferson County SD 509J	JEFFERSON	Jefferson 509J	Metolius Elem	1949	2000	31080	237
517	0506	Culver SD 4	JEFFERSON	Culver 4	Culver High	1963	1997	23310	196
518	0506	Culver SD 4	JEFFERSON	Culver 4	Culver Middle	1997		33400	139
519	0506	Black Butte SD 41	JEFFERSON	Black Butte 41	Black Butte Elem	1951	1997	4000	14
520	0506	Jefferson County SD 509J	JEFFERSON	Jefferson 509J	Big Muddy Elem				11
521	0506	Ashwood SD 8	JEFFERSON	Ashwood 8	Ashwood Elem	1952		2996	6
522	0506	Grants Pass SD 7	JOSEPHINE	Grants Pass 7	Grants Pass High (7 bldgs)	1997	1998	277774	1,994
523	0506	Three Rivers/Josephine County SD	JOSEPHINE	Three Rivers	Hidden valley High	1976	1995	145600	858
524	0506	Three Rivers/Josephine County SD	JOSEPHINE	Three Rivers	North Valley High	1976	1996	136157	732
525	0506	Grants Pass SD 7	JOSEPHINE	Grants Pass 7	North Middle (3 bldgs)	1961		86303	670

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526	0506	Grants Pass SD 7	JOSEPHINE	Grants Pass 7	South Middle	1945	1958	74921	666
527	0506	Three Rivers/Josephine County SD	JOSEPHINE	Three Rivers	Lincoln Savage Middle	1962		71583	502
528	0506	Grants Pass SD 7	JOSEPHINE	Grants Pass 7	Allen Dale Elem	1961	1995	48524	487
529	0506	Three Rivers/Josephine County SD	JOSEPHINE	Three Rivers	Fleming Middle	1962	1978	76245	485
530	0506	Grants Pass SD 7	JOSEPHINE	Grants Pass 7	Redwood Elem	1945	1993	44521	475
531	0506	Three Rivers/Josephine County SD	JOSEPHINE	Three Rivers	Evergreen Elem	1951	1966	59342	469
532	0506	Three Rivers/Josephine County SD	JOSEPHINE	Three Rivers	Illinois Valley high	1975	1995	99804	468
533	0506	Grants Pass SD 7	JOSEPHINE	Grants Pass 7	Lincoln Elem	1945	1993	44551	447
534	0506	Grants Pass SD 7	JOSEPHINE	Grants Pass 7	Highland Elem	1945	1992	48054	409
535	0506	Grants Pass SD 7	JOSEPHINE	Grants Pass 7	Riverside Elem	1961	1995	47376	401
536	0506	Three Rivers/Josephine County SD	JOSEPHINE	Three Rivers	Manzanita Elem	1966		48649	385
537	0506	Grants Pass SD 7	JOSEPHINE	Grants Pass 7	Parkside Elem	1997		47755	356
538	0506	Three Rivers/Josephine County SD	JOSEPHINE	Three Rivers	Lorna Byrne Middle	1949	1966	57418	338
539	0506	Three Rivers/Josephine County SD	JOSEPHINE	Three Rivers	Ft Vannoy Elem	1952	1979	40100	308
540	0506	Three Rivers/Josephine County SD	JOSEPHINE	Three Rivers	Fruitdale Elem	1947	1972	31109	300
541	0506	Three Rivers/Josephine County SD	JOSEPHINE	Three Rivers	Madrona Middle	1967	1986	37816	299
542	0506	Three Rivers/Josephine County SD	JOSEPHINE	Three Rivers	Jerome Prairie Elem	1938	1971	30838	256
543	0506	Three Rivers/Josephine County SD	JOSEPHINE	Three Rivers	Applegate Elem	1912	1980	23759	137
544	0506	Three Rivers/Josephine County SD	JOSEPHINE	Three Rivers	Williams Elem	1927	1957	21631	100
545	0506	Three Rivers/Josephine County SD	JOSEPHINE	Three Rivers	Wolf Creek Elem	1938	1954	15219	61
546	0506	Grants Pass SD 7	JOSEPHINE	Grants Pass 7	Family friends DTC				18
547	0506	Three Rivers/Josephine County SD	JOSEPHINE	Three Rivers	Southern Oregon Adolescent				10
548	0506	Three Rivers/Josephine County SD	JOSEPHINE	Three Rivers	Southern Oregon ASTC				9
549	0506	Klamath Falls City Schools	KLAMATH	Klamath Falls city Schools	Mazama High	1961	1989	129664	978
550	0506	Klamath Falls City Schools	KLAMATH	Klamath Falls city Schools	Klamath Union High	1929	1996	206740	961
551	0506	Klamath County SD	KLAMATH	Klamath County	Henley High	1964	1976	121200	657
552	0506	Klamath County SD	KLAMATH	Klamath County	Shasta Elem	1966		62196	540
553	0506	Klamath County SD	KLAMATH	Klamath County	Ferguson Elem	1954	1976	39575	531
554	0506	Klamath County SD	KLAMATH	Klamath County	Peterson Elem	1948	1971	45600	520
555	0506	Klamath Falls City Schools	KLAMATH	Klamath Falls city Schools	Mills Elem	1929		59914	485
556	0506	Klamath Falls City Schools	KLAMATH	Klamath Falls city Schools	Ponderosa Jr High	1945	1996	84435	478
557	0506	Klamath County SD	KLAMATH	Klamath County	Henley Middle	1949		54525	468
558	0506	Klamath County SD	KLAMATH	Klamath County	Brixner Jr High	1972		64500	428
559	0506	Klamath County SD	KLAMATH	Klamath County	Henley Elem	1929	1933	28900	367
560	0506	Klamath Falls City Schools	KLAMATH	Klamath Falls city Schools	Roosevelt Elem	1929		25360	345
561	0506	Klamath County SD	KLAMATH	Klamath County	Bonanza Jr/Sr High	1944		93368	289
562	0506	Klamath Falls City Schools	KLAMATH	Klamath Falls city Schools	Joseph Conger Elem	1930	1980	38849	288
563	0506	Klamath County SD	KLAMATH	Klamath County	Lost River High	1970		66650	287
564	0506	Klamath County SD	KLAMATH	Klamath County	Chiloquin High	1937		73680	282
565	0506	Klamath Falls City Schools	KLAMATH	Klamath Falls city Schools	Fairview Elem	1929	1980	39448	279
566	0506	Klamath County SD	KLAMATH	Klamath County	Altamont Elem	1937		39032	275
567	0506	Klamath County SD	KLAMATH	Klamath County	Stearns Elem	1958		33780	257
568	0506	Klamath County SD	KLAMATH	Klamath County	Chiloquin Elem	1955		28266	256
569	0506	Klamath County SD	KLAMATH	Klamath County	Fairhaven Elem	1929	1952	24032	232
570	0506	Klamath County SD	KLAMATH	Klamath County	Bonanza Elem				202
571	0506	Klamath Falls City Schools	KLAMATH	Klamath Falls city Schools	Pelican Elem	1929	1980	31287	185
572	0506	Klamath County SD	KLAMATH	Klamath County	Merrill Elem	1950	1959	28200	179
573	0506	Klamath County SD	KLAMATH	Klamath County	Keno Elem	1976		40600	170
574	0506	Klamath County SD	KLAMATH	Klamath County	Gilcrest Jr/Sr High				155
575	0506	Klamath County SD	KLAMATH	Klamath County	Malin Elem	1971		31608	141
576	0506	Klamath County SD	KLAMATH	Klamath County	Gilchrist Elem	1938		23720	129
577	0506	Klamath County SD	KLAMATH	Klamath County	Falcon Heights Academy				95
578	0506	Klamath County SD	KLAMATH	Klamath County	Gearhart Elem	1962	1968	23850	64
579	0506	Klamath Falls City Schools	KLAMATH	Klamath Falls city Schools	Klamath Adult Learning center				46
580	0506	Klamath Falls City Schools	KLAMATH	Klamath Falls city Schools	Klamath Youth Dev Ctr k-6				38
581	0506	Klamath Falls City Schools	KLAMATH	Klamath Falls city Schools	Klamath Adult Learning (Non-Overlap)				25
582	0506	Klamath Falls City Schools	KLAMATH	Klamath Falls city Schools	Transition House				15
583	0506	Klamath Falls City Schools	KLAMATH	Klamath Falls city Schools	Klamath Institute (Non-Overlap)				13
584	0506	Klamath Falls City Schools	KLAMATH	Klamath Falls city Schools	Klamath Institute (Overlap)				11
585	0506	Klamath Falls City Schools	KLAMATH	Klamath Falls city Schools	Linkville Academy Nonoverlap				11
586	0506	Klamath Falls City Schools	KLAMATH	Klamath Falls city Schools	Wemble Academy				11
587	0506	Klamath Falls City Schools	KLAMATH	Klamath Falls city Schools	Integral Youth Services NVLC				8
588	0506	Klamath Falls City Schools	KLAMATH	Klamath Falls city Schools	Integral Youth Services Thru				3
589	0506	Klamath Falls City Schools	KLAMATH	Klamath Falls city Schools	Mazama Froshmore				3
590	0506	Lake County SD 7	LAKE	Lake County SD 7	Fremont Elem	1920	1959	17500	324
591	0506	Lake County SD 7	LAKE	Lake County SD 7	Lakeview High	1962	1985	68881	305
592	0506	North Lake SD 14	LAKE	North Lake 14	North Lake School	1991		54000	208
593	0506	Lake County SD 7	LAKE	Lake County SD 7	Daly Middle	1910	1930	47814	119
594	0506	Paisley SD 11	LAKE	Paisley 11	Paisley School (4 bldgs)	1913	1996	31869	85
595	0506	Lake County SD 7	LAKE	Lake County SD 7	Union Elem	1920	1998	15776	47
596	0506	Adel SD 21	LAKE	Adel 21	Adel Elem	1976		3040	22
597	0506	Plush SD 18	LAKE	Plush 18	Plush Elem				11
598	0506	Eugene SD 4J	LANE	Eugene 4J	South Eugene High	1951	1996	309614	1,698
599	0506	Eugene SD 4J	LANE	Eugene 4J	Henry D Sheldon High	1963	1975	213805	1,634
600	0506	Springfield SD 19	LANE	Springfield 19	Springfield High	1968	1999	268866	1,577

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601	0506	Springfield SD 19	LANE	Springfield 19	Thurston High	1959	1997	290210	1,514
602	0506	Bethel SD 52	LANE	Bethel 52	Willamette High	1948	1981	249910	1,492
603	0506	Eugene SD 4J	LANE	Eugene 4J	Winston Churchill High	1966	1977	232466	1,330
604	0506	Eugene SD 4J	LANE	Eugene 4J	North Eugene High	1957	1977	212181	1,215
605	0506	South Lane SD 45J3	LANE	South Lane 45J	Cottage Grove High	1940	1990	117912	892
606	0506	Eugene SD 4J	LANE	Eugene 4J	Theodore Roosevelt Middle	1950	1986	105770	672
607	0506	Bethel SD 52	LANE	Bethel 52	Meadow View School	1998		114798	668
608	0506	Bethel SD 52	LANE	Bethel 52	Prairie Mountain School	2002			641
609	0506	Eugene SD 4J	LANE	Eugene 4J	James Monroe Middle	1965	1966	81051	634
610	0506	Junction City SD 69	LANE	Junction City 69	Junction City High (2 wings)	1937	1998	205500	630
611	0506	Springfield SD 19	LANE	Springfield 19	Agnes Stewart Middle	1997		94000	612
612	0506	Eugene SD 4J	LANE	Eugene 4J	Bertha Holt Elem	2004		67400	587
613	0506	Eugene SD 4J	LANE	Eugene 4J	Cal Young Middle	1952	1980	87591	577
614	0506	Siuslaw SD 97J	LANE	Siuslaw 97J	Suislaw Elem	1994		76435	573
615	0506	Siuslaw SD 97J	LANE	Siuslaw 97J	Siuslaw High	1970	1990	109747	572
616	0506	Creswell SD 40	LANE	Creswell 40	Creslane Elem (4 bldgs)	1950	1982	35370	561
617	0506	South Lane SD 45J3	LANE	South Lane 45J	Lincoln Middle	1963	1990	91698	560
618	0506	Junction City SD 69	LANE	Junction City 69	Laurel Elem	1949	1996	53102	558
619	0506	Springfield SD 19	LANE	Springfield 19	Briggs Middle	1963		93303	553
620	0506	Springfield SD 19	LANE	Springfield 19	Thurston Middle	1953	1990	72212	542
621	0506	Eugene SD 4J	LANE	Eugene 4J	Gilham Elem	1966	1995	74500	535
622	0506	Springfield SD 19	LANE	Springfield 19	Mt Vernon Elem	1997		58000	531
623	0506	Eugene SD 4J	LANE	Eugene 4J	Colin Kelly Middle	1945	1995	112356	522
624	0506	Junction City SD 69	LANE	Junction City 69	Oaklea Middle	1976	1996	84700	514
625	0506	Fern Ridge SD 28J	LANE	Fern Ridge 28J	Elmira High (5+ bldgs)	1961	2000	97688	509
626	0506	Eugene SD 4J	LANE	Eugene 4J	John F Kennedy Middle	1965	1967	80532	487
627	0506	Eugene SD 4J	LANE	Eugene 4J	Awbrey Park Elem	1967	1971	56816	472
628	0506	South Lane SD 45J3	LANE	South Lane 45J	Bohemia Elem	1976	1989	53411	469
629	0506	Springfield SD 19	LANE	Springfield 19	Thurston Elem	1950	1987	43674	462
630	0506	Bethel SD 52	LANE	Bethel 52	Shasta Middle	1962	1996	79506	457
631	0506	Springfield SD 19	LANE	Springfield 19	Elizabeth Page Elem	1953	1956	38283	453
632	0506	Eugene SD 4J	LANE	Eugene 4J	Spencer Butte Middle	1960	1965	82414	447
633	0506	Springfield SD 19	LANE	Springfield 19	Hamlin Middle	1957	1990	83881	445
634	0506	Bethel SD 52	LANE	Bethel 52	Irving Elem	1965	1972	8350	444
635	0506	Springfield SD 19	LANE	Springfield 19	Douglas Gardens Elem	1963	1990	50321	443
636	0506	Springfield SD 19	LANE	Springfield 19	Centennial Elem	1963	1991	64868	427
637	0506	Springfield SD 19	LANE	Springfield 19	Yolanda Elem	1963	1969	45121	426
638	0506	Springfield SD 19	LANE	Springfield 19	Ridgeview Elem	1981	1987	62930	424
639	0506	Eugene SD 4J	LANE	Eugene 4J	Spring Creek Elem	1964	1966	37569	421
640	0506	Eugene SD 4J	LANE	Eugene 4J	McCornack Elem	1968	1996	49133	419
641	0506	Eugene SD 4J	LANE	Eugene 4J	James Madison Middle	1963	1967	72528	414
642	0506	Fern Ridge SD 28J	LANE	Fern Ridge 28J	Fern Ridge Middle	1961	1999	94036	396
643	0506	Springfield SD 19	LANE	Springfield 19	Riverbend Elem	1997		58000	395
644	0506	Bethel SD 52	LANE	Bethel 52	Cascade Middle	1955	1980	*5030*	393
645	0506	Bethel SD 52	LANE	Bethel 52	Fairfield Elem	1952	1999	38172	390
646	0506	Pleasant Hill SD 1	LANE	Pleasant Hill 1	Pleasant Hill High	1961	1982	80180	387
647	0506	Bethel SD 52	LANE	Bethel 52	Clear lake Elem	1977		51911	380
648	0506	Springfield SD 19	LANE	Springfield 19	Guy Lee Elem	1961	1989	49610	377
649	0506	Eugene SD 4J	LANE	Eugene 4J	Cesar E Chavez Elem	2004		67400	367
650	0506	Bethel SD 52	LANE	Bethel 52	Danebo Elem	1966	1991	11000	355
651	0506	Creswell SD 40	LANE	Creswell 40	Creswell High (3 bldgs)	1967	2001	103098	354
652	0506	Siuslaw SD 97J	LANE	Siuslaw 97J	Siuslaw Middle	2001		111616	352
653	0506	South Lane SD 45J3	LANE	South Lane 45J	Harrison Elem	1948	1990	39348	352
654	0506	Springfield SD 19	LANE	Springfield 19	Maple Elem	1947	1991	41706	327
655	0506	Eugene SD 4J	LANE	Eugene 4J	River Road Elem	1953	1968	50381	314
656	0506	Eugene SD 4J	LANE	Eugene 4J	Howard Elem	1949	1968	45775	313
657	0506	Eugene SD 4J	LANE	Eugene 4J	Yujin Gakuen	1961	1969	22220	309
658	0506	Pleasant Hill SD 1	LANE	Pleasant Hill 1	Pleasant Hill Middle	1930	1985	43451	305
659	0506	Fern Ridge SD 28J	LANE	Fern Ridge 28J	Veneta Elem	1945	2001	44283	303
660	0506	Eugene SD 4J	LANE	Eugene 4J	Fox Hollow French immersion	1967		27872	301
661	0506	Bethel SD 52	LANE	Bethel 52	Malabon Elem (2 bldgs)	1954	1991	27300	295
662	0506	Springfield SD 19	LANE	Springfield 19	Springfield Middle	1950	1990	70389	293
663	0506	Springfield SD 19	LANE	Springfield 19	Moffitt Elem	1950	1993	41910	292
664	0506	Eugene SD 4J	LANE	Eugene 4J	Edison Elem	1926	1962	42195	287
665	0506	Fern Ridge SD 28J	LANE	Fern Ridge 28J	Elmira Elem	1945	2001	36486	287
666	0506	Creswell SD 40	LANE	Creswell 40	Creswell Middle (3 bldgs)	1941	1950	24185	271
667	0506	Oakridge SD 76	LANE	Oakridge 76	Oakridge Elem	1948	1999	48960	270
668	0506	Eugene SD 4J	LANE	Eugene 4J	Thomas Jefferson Middle	1957	1968	80190	266
669	0506	Eugene SD 4J	LANE	Eugene 4J	Willagillespie Elem	1925	1996	57500	266
670	0506	Eugene SD 4J	LANE	Eugene 4J	Corridor Alternative	1961	1969	22220	263
671	0506	Pleasant Hill SD 1	LANE	Pleasant Hill 1	Trent Elem	1929	1998	31212	261
672	0506	Springfield SD 19	LANE	Springfield 19	Brattain Elem	1925	1990	27746	254
673	0506	Eugene SD 4J	LANE	Eugene 4J	Twin Oaks Elem	1958	1968	33910	252
674	0506	Oakridge SD 76	LANE	Oakridge 76	Oakridge High	1957	1998	104546	252
675	0506	Eugene SD 4J	LANE	Eugene 4J	Buena Vista Spanish Immersion	1960	1968	24792	250

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676	0506	Eugene SD 4J	LANE	Eugene 4J	Ellis Parker Elem	1959	1964	40837	248
677	0506	Eugene SD 4J	LANE	Eugene 4J	Edgewood Elem	1962	1965	25703	239
678	0506	Eugene SD 4J	LANE	Eugene 4J	Eugene SD 4J				235
679	0506	Eugene SD 4J	LANE	Eugene 4J	Crest Drive Elem	1963		23562	232
680	0506	Eugene SD 4J	LANE	Eugene 4J	Ridgeline Montessori				226
681	0506	Eugene SD 4J	LANE	Eugene 4J	Harris Elem	1949	1958	40613	215
682	0506	Eugene SD 4J	LANE	Eugene 4J	Meadowlark Elem	1960	1968	21119	200
683	0506	Eugene SD 4J	LANE	Eugene 4J	The Village School				198
684	0506	Eugene SD 4J	LANE	Eugene 4J	Adams Elem	1949	1996	47037	183
685	0506	Springfield SD 19	LANE	Springfield 19	Walterville Elem	1950	1974	22668	171
686	0506	Crow-Applegate-Lorane SD 66	LANE	Crow-Applegate-Lorane 66	Crow Middle/High	1968	1996	44475	162
687	0506	Marcola SD 79J	LANE	Marcola 79J	Marcola Elem	1967		29421	161
688	0506	Lowell SD 71	LANE	Lowell 71	Lundy Elem	1942	1976	38395	160
689	0506	Oakridge SD 76	LANE	Oakridge 76	Westridge Middle	1954	2000	45524	157
690	0506	Eugene SD 4J	LANE	Eugene 4J	Coburg Elem	1950	1979	27537	150
691	0506	Eugene SD 4J	LANE	Eugene 4J	Eastside Alternative	1959	1964	14292	145
692	0506	South Lane SD 45J3	LANE	South Lane 45J	Dorena School	1945	1989	21658	141
693	0506	Junction City SD 69	LANE	Junction City 69	Territorial Elem	1963	1997	17000	134
694	0506	Blachly SD 90	LANE	Blachley 90	Triangle Lake School	1922	1967	34064	129
695	0506	Eugene SD 4J	LANE	Eugene 4J	Opportunity Center	1929		18800	128
696	0506	Lowell SD 71	LANE	Lowell 71	Lowell Jr/Sr High	1934	1968	37668	124
697	0506	Eugene SD 4J	LANE	Eugene 4J	Family School	1957	1963	18823	123
698	0506	Eugene SD 4J	LANE	Eugene 4J	Hillside Alternative	1949	1996	19756	123
699	0506	Springfield SD 19	LANE	Springfield 19	Gateways Learning Center	1950	1999	6750	122
700	0506	Mapleton SD 32	LANE	Mappleton 32	Mapleton Sr High	1949		29312	120
701	0506	South Lane SD 45J3	LANE	South Lane 45J	Latham Elem	1942	1990	22597	120
702	0506	South Lane SD 45J3	LANE	South Lane 45J	London School	1919	1990	15910	111
703	0506	Eugene SD 4J	LANE	Eugene 4J	Magnet Arts Alternative	1957	1968	20047	106
704	0506	Marcola SD 79J	LANE	Marcola 79J	Mohawk High	1967	1998	39834	106
705	0506	South Lane SD 45J3	LANE	South Lane 45J	Delight Valley Elem	1951	1990	15404	105
706	0506	McKenzie SD 68	LANE	McKenkie 68	McKenzie Elem	1950	1966	38905	100
707	0506	Crow-Applegate-Lorane SD 66	LANE	Crow-Applegate-Lorane 66	Applegate Elem	1949	1996	37025	98
708	0506	Springfield SD 19	LANE	Springfield 19	Goshen Elem	1949	1965	26073	94
709	0506	Eugene SD 4J	LANE	Eugene 4J	Network Charter School				91
710	0506	Bethel SD 52	LANE	Bethel 52	Kalapuya High				90
711	0506	McKenzie SD 68	LANE	McKenkie 68	McKenzie High	1941	1987	50454	90
712	0506	Fern Ridge SD 28J	LANE	Fern Ridge 28J	West Lane Technology Learning center				87
713	0506	Mapleton SD 32	LANE	Mappleton 32	Mapleton Elem	1958		21762	86
714	0506	Bethel SD 52	LANE	Bethel 52	Home Source Tech				84
715	0506	Springfield SD 19	LANE	Springfield 19	Alternative Ed Prog				82
716	0506	Springfield SD 19	LANE	Springfield 19	Camp Creek Elem	1949	1992	12697	79
717	0506	Springfield SD 19	LANE	Springfield 19	Homesource Bethel Family				78
718	0506	McKenzie SD 68	LANE	McKenkie 68	McKenzie Middle				76
719	0506	Eugene SD 4J	LANE	Eugene 4J	Evergreen Alternative	1962	1965	11016	75
720	0506	Eugene SD 4J	LANE	Eugene 4J	Churchill Alternative				71
721	0506	Fern Ridge SD 28J	LANE	Fern Ridge 28J	Willamette Leadership Academy				68
722	0506	South Lane SD 45J3	LANE	South Lane 45J	Blue Mountain Charter				68
723	0506	Springfield SD 19	LANE	Springfield 19	Mohawk Elem	1963	1992	19100	67
724	0506	Crow-Applegate-Lorane SD 66	LANE	Crow-Applegate-Lorane 66	Lorane Elem	1926	1996	13196	65
725	0506	Springfield SD 19	LANE	Springfield 19	Springfield SD 19				49
726	0506	South Lane SD 45J3	LANE	South Lane 45J	Al Kennedy Alternative				48
727	0506	Springfield SD 19	LANE	Springfield 19	The Child Center				42
728	0506	Springfield SD 19	LANE	Springfield 19	SCAR/Jasper Mtn Ctr				40
729	0506	South Lane SD 45J3	LANE	South Lane 45J	Child's Way Charter				37
730	0506	Eugene SD 4J	LANE	Eugene 4J	North Eugene Alternative High				36
731	0506	Eugene SD 4J	LANE	Eugene 4J	Wellspring Friends School				35
732	0506	Springfield SD 19	LANE	Springfield 19	Children's Choice Montessori				34
733	0506	Eugene SD 4J	LANE	Eugene 4J	Looking Glass Youth & Family				26
734	0506	Springfield SD 19	LANE	Springfield 19	Looking Glass Riverfront School				25
735	0506	Eugene SD 4J	LANE	Eugene 4J	Emerald Valley				24
736	0506	Springfield SD 19	LANE	Springfield 19	Safe Center				19
737	0506	Springfield SD 19	LANE	Springfield 19	Northwest Youth Corps				18
738	0506	Springfield SD 19	LANE	Springfield 19	Lane Metro Youth				16
739	0506	Lowell SD 71	LANE	Lowell 71	Home Scholars Academy				15
740	0506	Oakridge SD 76	LANE	Oakridge 76	Home Scholars Academy				15
741	0506	Eugene SD 4J	LANE	Eugene 4J	Creative Minds Alt				14
742	0506	Eugene SD 4J	LANE	Eugene 4J	Looking Glass Stepping Stone				14
743	0506	Springfield SD 19	LANE	Springfield 19	Homebound				13
744	0506	Springfield SD 19	LANE	Springfield 19	Wellsprings Friends				11
745	0506	Eugene SD 4J	LANE	Eugene 4J	Lane ESD Court School				9
746	0506	Bethel SD 52	LANE	Bethel 52	Wellsprings Friends				8
747	0506	Eugene SD 4J	LANE	Eugene 4J	LCC - ABE/GED				8
748	0506	Eugene SD 4J	LANE	Eugene 4J	Looking Glass, Cntr Pt				8
749	0506	Springfield SD 19	LANE	Springfield 19	Creative Minds Alternative				8
750	0506	Bethel SD 52	LANE	Bethel 52	Looking Glass Riverfront School				7

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751	0506	Eugene SD 4J	LANE	Eugene 4J	Northwest Youth Corps				7
752	0506	Springfield SD 19	LANE	Springfield 19	Lane ESD Court School				7
753	0506	Eugene SD 4J	LANE	Eugene 4J	Looking Glass Y&F Pathways				6
754	0506	Eugene SD 4J	LANE	Eugene 4J	Looking Glass Bridges				5
755	0506	Lane ESD	LANE	Lane ESD R05	Lane County Dept of Youth				5
756	0506	South Lane SD 45J3	LANE	South Lane 45J	Child's Way Culp Creek Charter				5
757	0506	Springfield SD 19	LANE	Springfield 19	LCC ABE/GED				5
758	0506	Bethel SD 52	LANE	Bethel 52	Cntr Approp Trnsprt				4
759	0506	Eugene SD 4J	LANE	Eugene 4J	Cntr Approp Trnsprt				3
760	0506	Eugene SD 4J	LANE	Eugene 4J	Looking Glass Evaluation and Treatment				3
761	0506	Bethel SD 52	LANE	Bethel 52	Looking Glass, Cntr Pt				2
762	0506	Springfield SD 19	LANE	Springfield 19	Looking Glass, Center Pt				2
763	0506	Bethel SD 52	LANE	Bethel 52	Lane ESD Court School				1
764	0506	Bethel SD 52	LANE	Bethel 52	Lane Metro Youth				1
765	0506	Creswell SD 40	LANE	Creswell 40	Creative Minds Alt				1
766	0506	Creswell SD 40	LANE	Creswell 40	Looking Glass Riverfront School				1
767	0506	Creswell SD 40	LANE	Creswell 40	Looking Glass, Cntr Pt				1
768	0506	Eugene SD 4J	LANE	Eugene 4J	Lane School				1
769	0506	Lowell SD 71	LANE	Lowell 71	Looking Glass Riverfront School				1
770	0506	Lowell SD 71	LANE	Lowell 71	Northwest Youth Corps				1
771	0506	Lincoln County SD	LINCOLN	Lincoln County	Newport High (2 campus)	1950	1998	162742	747
772	0506	Lincoln County SD	LINCOLN	Lincoln County	Taft High	1998		154000	556
773	0506	Lincoln County SD	LINCOLN	Lincoln County	Oceanlake Elem	1951	1987	32386	454
774	0506	Lincoln County SD	LINCOLN	Lincoln County	Taft Elem	1938	1999	72363	430
775	0506	Lincoln County SD	LINCOLN	Lincoln County	Toledo High	1955	1997	80744	410
776	0506	Lincoln County SD	LINCOLN	Lincoln County	Newport Middle	1998		78600	376
777	0506	Lincoln County SD	LINCOLN	Lincoln County	Sam Case Elem	1958	1989	44314	358
778	0506	Lincoln County SD	LINCOLN	Lincoln County	Yaquina View Elem	1960	1988	46357	300
779	0506	Lincoln County SD	LINCOLN	Lincoln County	Waldport High	1958	1997	47063	291
780	0506	Lincoln County SD	LINCOLN	Lincoln County	Arcadia Elem	1963	1978	32610	273
781	0506	Lincoln County SD	LINCOLN	Lincoln County	Taft Middle	1951	1999	71595	269
782	0506	Lincoln County SD	LINCOLN	Lincoln County	Waldport Elem	1998		72480	261
783	0506	Lincoln County SD	LINCOLN	Lincoln County	Toledo Middle	1987		52671	249
784	0506	Lincoln County SD	LINCOLN	Lincoln County	Eddyville Charter	1924	1987	43016	208
785	0506	Lincoln County SD	LINCOLN	Lincoln County	Waldport Middle	1930	1999	50621	190
786	0506	Lincoln County SD	LINCOLN	Lincoln County	Siletz Valley School	1937	1961	64665	180
787	0506	Lincoln County SD	LINCOLN	Lincoln County	Newport Early Childhood Center				115
788	0506	Lincoln County SD	LINCOLN	Lincoln County	Isaac Newton Magnet				98
789	0506	Lincoln County SD	LINCOLN	Lincoln County	Lincoln City Career Technical High				56
790	0506	Lincoln County SD	LINCOLN	Lincoln County	Olalla Center				10
791	0506	Lebanon Community SD 9	LINN	Lebanon 9	Lebanon Union High	1957	1998	170158	1,332
792	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	West Albany High	1953	1992	135672	1,303
793	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	South Albany High	1970	1992	167408	1,265
794	0506	Sweet Home SD 55	LINN	Sweet Home 55	Sweet Home High	1912	1976	175849	823
795	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	Calapooia Middle	1963	1973	96315	743
796	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	Memorial Middle	1963	1980	100815	636
797	0506	Scio SD 95	LINN	Scio 95	Oregon Connections Academy				608
798	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	North Albany Middle	1966		100514	581
799	0506	Lebanon Community SD 9	LINN	Lebanon 9	Seven Oak Middle	1955	1963	49572	549
800	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	Periwinkle elem	1977	1979	36625	484
801	0506	Lebanon Community SD 9	LINN	Lebanon 9	Pioneer School				471
802	0506	Lebanon Community SD 9	LINN	Lebanon 9	Riverview School				471
803	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	Liberty Elem	1949	1991	35439	411
804	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	South Shore Elem	1971		40240	410
805	0506	Harrisburg SD 7J	LINN	Harrisburg 7J	Harrisburg Elem	1949	2002	32854	408
806	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	Sunrise Elem	1949	1968	50648	407
807	0506	Lebanon Community SD 9	LINN	Lebanon 9	Green Acres School	1948	1978	39334	405
808	0506	Sweet Home SD 55	LINN	Sweet Home 55	Sweet Home Jr High	1964	1969	53512	394
809	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	Lafayette Elem	1960		44754	390
810	0506	Lebanon Community SD 9	LINN	Lebanon 9	Cascades School	1953	1991	38291	390
811	0506	Lebanon Community SD 9	LINN	Lebanon 9	Hamilton Creek School	1972	1987	36688	368
812	0506	Central Linn SD 552	LINN	Central Linn SD 552	Central Linn Elem	1932	1977	117390	351
813	0506	Sweet Home SD 55	LINN	Sweet Home 55	Hawthorne Elem	1953	1964	24293	343
814	0506	Sweet Home SD 55	LINN	Sweet Home 55	Oak Heights Elem	1948		34421	327
815	0506	Sweet Home SD 55	LINN	Sweet Home 55	Foster Elem	1940		39030	319
816	0506	Central Linn SD 552	LINN	Central Linn SD 552	Central Linn High	1959	1977	85811	314
817	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	Clover Ridge Elem	1915	1973	36750	305
818	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	North Albany Elem	1949	1974	28347	298
819	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	Oak Elem	1971		42240	290
820	0506	Harrisburg SD 7J	LINN	Harrisburg 7J	Harrisburg High	1972	2002	69826	275
821	0506	Scio SD 95	LINN	Scio 95	Centennial Elem	1966		37508	269
822	0506	Lebanon Community SD 9	LINN	Lebanon 9	Sand Ridge Academy				252
823	0506	Lebanon Community SD 9	LINN	Lebanon 9	Lacomb School	1953	1987	32550	247
824	0506	Scio SD 95	LINN	Scio 95	Scio High	1949	1999	92946	245
825	0506	Santiam Canyon SD 129J	LINN	Santium Canyon 129J	Santiam High	1956		69143	239

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826	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	Central Elem	1915	1960	48453	234
827	0506	Santiam Canyon SD 129J	LINN	Santium Canyon 129J	Gates Elem	1923	1964	9844	230
828	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	Waverly Elem	1949		42480	214
829	0506	Santiam Canyon SD 129J	LINN	Santium Canyon 129J	Mill City Middle	1987		46547	212
830	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	Tangent Elem	1965	1995	24967	204
831	0506	Harrisburg SD 7J	LINN	Harrisburg 7J	Harrisburg Middle	1938	2002	25493	189
832	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	Fir Grove Elem	1963	1986	19796	172
833	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	Oak Grove Intermed	1948	1974	26269	159
834	0506	Scio SD 95	LINN	Scio 95	Scio Middle	1938		69064	139
835	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	Takena Elem	1971		31393	134
836	0506	Greater Albany Public SD 8J	LINN	Greater Albany 8J	Albany Options School				109
837	0506	Sweet Home SD 55	LINN	Sweet Home 55	Holley Elem	1948		17763	98
838	0506	Sweet Home SD 55	LINN	Sweet Home 55	Crawfordsville Elem	1945		23037	93
839	0506	Scio SD 95	LINN	Scio 95	Lourdes School				53
840	0506	Ontario SD 8C	MALHEUR	Ontario SD 8C	Ontario High	1952		87681	784
841	0506	Ontario SD 8C	MALHEUR	Ontario SD 8C	Ontario Middle (6 bldgs)	1939	1964	98850	698
842	0506	Nyssa SD 26	MALHEUR	Nyssa 26	Nyssa Elem	1997		66044	566
843	0506	Vale SD 84	MALHEUR	Vale 84	Vale Elem	1954	1998	45872	420
844	0506	Ontario SD 8C	MALHEUR	Ontario SD 8C	May Roberts Elem	1961	1994	33653	365
845	0506	Vale SD 84	MALHEUR	Vale 84	Vale High	1954	1998	71503	335
846	0506	Nyssa SD 26	MALHEUR	Nyssa 26	Nyssa High	1975		38058	318
847	0506	Ontario SD 8C	MALHEUR	Ontario SD 8C	Alameda Elem	1962	2000	28723	318
848	0506	Ontario SD 8C	MALHEUR	Ontario SD 8C	Aiken Elem	1957	1960	22045	276
849	0506	Nyssa SD 26	MALHEUR	Nyssa 26	Nyssa Middle	1957	1997	20411	262
850	0506	Adrian SD 61	MALHEUR	Adrian 61	Adrian Elem	1949	1968	31672	152
851	0506	Ontario SD 8C	MALHEUR	Ontario SD 8C	Cairo Elem	1957	1999	16888	151
852	0506	Ontario SD 8C	MALHEUR	Ontario SD 8C	Pioneer Elem	1917	1998	12860	139
853	0506	Vale SD 84	MALHEUR	Vale 84	Vale Middle	1939	1968	13035	121
854	0506	Harper SD 66	MALHEUR	Harper 66	Harper School	1930	2001	15164	89
855	0506	Vale SD 84	MALHEUR	Vale 84	Willowcreek Elem	1955	1992	15605	88
856	0506	Adrian SD 61	MALHEUR	Adrian 61	Adrian high	1939	1960	21946	85
857	0506	Annex SD 29	MALHEUR	Annex 29	Annex Elem	1925	1996	15169	59
858	0506	Jordan Valley SD 3	MALHEUR	Jordan Valley 3	Jordan valley High	1940		18720	54
859	0506	Jordan Valley SD 3	MALHEUR	Jordan Valley 3	Jordan valley Elem	1911		32050	38
860	0506	Arock SD 81	MALHEUR	Arock 81	WW Jones Elem	1961		3776	22
861	0506	Malheur ESD Region 14	MALHEUR	Malheur ESD Region 14	Malheur Education Center				19
862	0506	Juntura SD 12	MALHEUR	Juntura 12	Juntura Elem	1915	1935	9600	14
863	0506	Jordan Valley SD 3	MALHEUR	Jordan Valley 3	Rockville Elem				4
864	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	North Salem High	1936	2001	298414	2,039
865	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	McNary Kigh	1964	2001	240200	2,035
866	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	South Salem High	1954	2001	270050	1,925
867	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	McCay High	1978	2001	247176	1,836
868	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Sprague High	1972	2001	248734	1,761
869	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	West Salem High	2002		270000	1,506
870	0506	Woodburn SD 103	MARION	Woodburn 103	Woodburn High	1976	1998	196964	1,316
871	0506	Silver Falls SD 4J	MARION	Silver Falls 4J	Silverton High (2 locations)	1940	1998	264888	1,183
872	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Houck Middle	1995		111579	1,071
873	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Stephens Middle	1994		112803	1,008
874	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Walker Middle	1960	2000	139920	968
875	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Claggett Creek Middle	2001		114696	932
876	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Judson Middle	1957	2001	107184	878
877	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Leslie Elem	1997		106000	827
878	0506	North Santiam SD 29J	MARION	North Santiam 29J	Stayton High	1949	1980	176771	783
879	0506	Cascade SD 5	MARION	Cascades 5	Cascade High	1967		154000	778
880	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Whiteaker Middle	1968	2001	114452	777
881	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Crossler Middle	1995		107800	752
882	0506	Woodburn SD 103	MARION	Woodburn 103	Heritage Elem	1997		63500	747
883	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Waldo Middle	1957	2000	108048	698
884	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Parrish Middle	1923	2001	109522	684
885	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Auburn Elem	1955	2001	47461	640
886	0506	Woodburn SD 103	MARION	Woodburn 103	Lincoln Elem	1963	1989	60383	628
887	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Eyre Elem	1976	2001	47200	618
888	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Scott Elem	1976	2001	49888	609
889	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Hoover Elem	1951	1994	52901	606
890	0506	North Santiam SD 29J	MARION	North Santiam 29J	Stayton Middle	1970	1996	84296	603
891	0506	North Marion SD 15	MARION	North Marion 15	North Marion High	1950	1999	117456	582
892	0506	Woodburn SD 103	MARION	Woodburn 103	French Prairie Middle	1950	1989	87709	561
893	0506	Woodburn SD 103	MARION	Woodburn 103	Washington Elem	1916	1987	54712	557
894	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Myers Elem	1973	1993	46746	556
895	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Sumpter Elem	1979	2001	48352	551
896	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Gubser Elem	1976	2002	49574	545
897	0506	Cascade SD 5	MARION	Cascades 5	Cascade Jr High	1949	1977	113000	541
898	0506	Woodburn SD 103	MARION	Woodburn 103	Valor Middle	1997		77000	531
899	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Yoshikai Elem	1994	2001	49000	500
900	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Swegle Elem	1923	2001	47610	499

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901	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Chapman Hill Elem	1985	2000	59528	494
902	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Keizer Elem	1985		67210	490
903	0506	North Santiam SD 29J	MARION	North Santiam 29J	Stayton Elem	1952	1996	48887	489
904	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Harritt Elem	2003		48000	488
905	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Grant Community	1955	2001	39853	482
906	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Pringle Elem	1985	1990	50600	481
907	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Hammond Elem	2001		52434	480
908	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Wright Elem	1963	2001	54004	480
909	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Schirle Elem	1976	2001	50958	471
910	0506	Silver Falls SD 4J	MARION	Silver Falls 4J	Eugene Field Elem	1921	1928	50590	467
911	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Weddle Elem	2001		50080	466
912	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Lamb Elem	2001		52434	465
913	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Clear Lake Elem	1994	2001	49000	464
914	0506	Cascade SD 5	MARION	Cascades 5	Aumsville Elem	1910	1987	57236	461
915	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Four Corners Elem	1949	2001	50867	460
916	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Cummings Elem	1953	2001	41287	449
917	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Kennedy Elem	1964	2001	40540	449
918	0506	Woodburn SD 103	MARION	Woodburn 103	Nellie Muir Elem	1963	1965	44162	448
919	0506	North Marion SD 15	MARION	North Marion 15	North Marion Intermed	1962	1999	57320	443
920	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Hallman Elem	2001		44951	443
921	0506	North Marion SD 15	MARION	North Marion 15	North Marion Middle	1980	1999	78458	441
922	0506	North Marion SD 15	MARION	North Marion 15	North Marion Primary	2000		54850	429
923	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Miller Elem	2000		57550	408
924	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Hayesville Elem	1963	2001	55458	405
925	0506	Silver Falls SD 4J	MARION	Silver Falls 4J	Robert Frost Elem	1971		54000	396
926	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Washington Elem	1948	2000	65156	393
927	0506	Jefferson SD 14J	MARION	Jefferson SD 14J	Jefferson Elem	1938	1966	31524	389
928	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Liberty Elem	1908	1993	52273	379
929	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Richmond Elem	1911	2001	45892	375
930	0506	Mt Angel SD 91	MARION	Mt Angel 91	St Mary's Public	1997		52000	372
931	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Brush College Elem	1860	2001	51780	372
932	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Englewood Elem	1910	1977	55240	368
933	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Lee Elem	2002		53000	360
934	0506	Gervais SD 1	MARION	Gervais 1	Gervais Middle	1932	2000	66044	351
935	0506	North Santiam SD 29J	MARION	North Santiam 29J	Sublimity Elem	1951		19784	343
936	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Candalaria Elem	1955	2001	34970	334
937	0506	Silver Falls SD 4J	MARION	Silver Falls 4J	Mark Twain Middle	1957	1966	47662	332
938	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Highland Elem	1910	1977	46128	320
939	0506	Gervais SD 1	MARION	Gervais 1	Gervais High	1963		70040	312
940	0506	Silver Falls SD 4J	MARION	Silver Falls 4J	Butte Creek Elem	1949	1980	33752	303
941	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Morningside Elem	1953	1977	50996	302
942	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	McKinley Elem	1915	2000	40140	294
943	0506	Jefferson SD 14J	MARION	Jefferson SD 14J	Jefferson High	1980		71400	288
944	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Salem Heights Elem	1938	1987	43783	288
945	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Bush Elem	1936	1949	54770	283
946	0506	Gervais SD 1	MARION	Gervais 1	Brooks Elem	1990	2000	32584	243
947	0506	Mt Angel SD 91	MARION	Mt Angel 91	John F Kennedy High	1958	1998	56000	241
948	0506	Cascade SD 5	MARION	Cascades 5	Turner Elem	1929		25378	238
949	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Forest Ridge Elem	2002		42000	238
950	0506	North Santiam SD 29J	MARION	North Santiam 29J	Mari-Linn Elem	1948	1966	29687	234
951	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	SK Online				203
952	0506	Jefferson SD 14J	MARION	Jefferson SD 14J	Jefferson Middle	1952		30956	200
953	0506	Mt Angel SD 91	MARION	Mt Angel 91	Mt Angel Middle	1968	1996	44250	186
954	0506	Gervais SD 1	MARION	Gervais 1	Eldriege Elem	1979		13420	166
955	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Rosedale Elem	1952	2001	24632	166
956	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Hazel Green Elem	1955	2001	13350	164
957	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Structured Learning Ctr				153
958	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Howard Street Charter				152
959	0506	Silver Falls SD 4J	MARION	Silver Falls 4J	Central Howell Elem	1923	1997	22296	149
960	0506	Silver Falls SD 4J	MARION	Silver Falls 4J	Silver Crest Elem	1947	1996	24601	147
961	0506	Silver Falls SD 4J	MARION	Silver Falls 4J	Victor Point Elem	1947	1989	24600	144
962	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Middle Grove Elem	1947	2001	18770	137
963	0506	Cascade SD 5	MARION	Cascades 5	Cloverdale Elem	1910		17133	134
964	0506	Silver Falls SD 4J	MARION	Silver Falls 4J	Bethany Charter School	1890	1974	10129	129
965	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Optimum Learning Environmental Charter				125
966	0506	Silver Falls SD 4J	MARION	Silver Falls 4J	Scotts Mills Elem	1968	1989	29755	120
967	0506	St Paul SD 45	MARION	St Paul 45	St Paul Elem	1964	1998	67520	116
968	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Lake Labish Elem	1958	2001	9560	114
969	0506	St Paul SD 45	MARION	St Paul 45	St Paul High	1950	1975	122850	112
970	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Community Schoolhouse				106
971	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Barbara Roberts High				103
972	0506	Cascade SD 5	MARION	Cascades 5	Marion Elem	1940	1950	12089	93
973	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Jane Goodall Environmental Charter				91
974	0506	Silver Falls SD 4J	MARION	Silver Falls 4J	Monitor Elem	1921	1990	17038	81
975	0506	Silver Falls SD 4J	MARION	Silver Falls 4J	Pratum Elem	1928	1997	8801	78

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976	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Bethel Elem	1925	2001	8742	77
977	0506	Silver Falls SD 4J	MARION	Silver Falls 4J	Evergreen Elem	1947	1982	8619	75
978	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Baker Charter	1951	2001	7367	74
979	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Fruitland Elem	1935	1979	8642	72
980	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	DTLC-GED				53
981	0506	Woodburn SD 103	MARION	Woodburn 103	Woodburn Arthur Academy				42
982	0506	Gervais SD 1	MARION	Gervais 1	Douglas Aveenue Charter School				24
983	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Micah Community Transition Prog				17
984	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Chemeketa Community Transition Prog				14
985	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Centennial Community Transition Prog	1897	1979	13244	12
986	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Wheatland Community Transition Prog				11
987	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Structured Learning Ctr IPS				8
988	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Bilingual Gateway School				5
989	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Independent Living prog				5
990	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Teen GED Marion County jail				5
991	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Teen HSC Marion Couty Jail				3
992	0506	Salem-Keizer SD 24J	MARION	Salem/Keizer 24J	Chemeketa GED				1
993	0506	Silver Falls SD 4J	MARION	Silver Falls 4J	Oregon School for the Blind				1
994	0506	Morrow SD 1	**MORROW**	**Morrow 1**	**Riverside Jr/Sr High**	**1968**	**1997**	**74273**	**455**
995	0506	Morrow SD 1	**MORROW**	**Morrow 1**	**Sam Boardman Elem**	**1980**	**1997**	**62849**	**417**
996	0506	Morrow SD 1	**MORROW**	**Morrow 1**	**AC Houghton Elem**	**1952**	**1996**	**65273**	**331**
997	0506	Morrow SD 1	**MORROW**	**Morrow 1**	**Irrigon Jr/Sr High**				**294**
998	0506	Morrow SD 1	**MORROW**	**Morrow 1**	**Heppner Jr/Sr High**	**1963**	**1998**	**65837**	**224**
999	0506	Morrow SD 1	**MORROW**	**Morrow 1**	**Heppner Elem**	**1954**	**1998**	**39318**	**188**
1000	0506	Ione SD R2	**MORROW**	**Ione R2**	**Ione School (4 bldgs)**	**1924**	**1976**	**55405**	**174**
1001	0506	Morrow SD 1	**MORROW**	**Morrow 1**	**Windy River Elem**				**148**
1002	0506	Morrow SD 1	**MORROW**	**Morrow 1**	**Irrigon Elem**	**2003**			**136**
1003	0506	Morrow SD 1	MORROW	Morrow 1	Morrow Education Ctr				46
1004	0506	David Douglas SD 40	**MULTNOMAH**	**David Douglas 40**	**David Douglas High**	**1959**		**139450**	**2,768**
1005	0506	Reynolds SD 7	**MULTNOMAH**	**Reynolds 7**	**Reynolds High**	**1976**	**1996**	**246693**	**2,710**
1006	0506	Gresham-Barlow SD 10J	**MULTNOMAH**	**Gresham 10J**	**Sam Barlow High**	**1968**	**1998**	**287308**	**1,900**
1007	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Grant High**	**1923**	**2001**	**275173**	**1,816**
1008	0506	Gresham-Barlow SD 10J	**MULTNOMAH**	**Gresham 10J**	**Gresham High**	**1914**	**2001**	**214800**	**1,812**
1009	0506	Centennial SD 28J	**MULTNOMAH**	**Centennial 28J**	**Centennial High**	**1959**	**2002**	**261186**	**1,791**
1010	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Wilson High**	**1954**	**1997**	**326062**	**1,632**
1011	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Lincoln High**	**1950**	**1999**	**233293**	**1,484**
1012	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Benson High**	**1917**	**1996**	**441219**	**1,452**
1013	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Cleveland High**	**1929**	**2001**	**252885**	**1,447**
1014	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Franklin High**	**1915**	**2000**	**294878**	**1,404**
1015	0506	Parkrose SD 3	**MULTNOMAH**	**Parkrose 3**	**Parkrose High**	**1997**		**240000**	**1,133**
1016	0506	Centennial SD 28J	**MULTNOMAH**	**Centennial 28J**	**Centennial Middle**	**1962**	**1994**	**134090**	**1,027**
1017	0506	Reynolds SD 7	**MULTNOMAH**	**Reynolds 7**	**Reynolds Middle**	**1956**	**1997**	**168000**	**1,022**
1018	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Madison High**	**1955**	**1997**	**370122**	**981**
1019	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**West Sylvan Middle**	**1953**	**1996**	**102209**	**878**
1020	0506	Parkrose SD 3	**MULTNOMAH**	**Parkrose 3**	**Parkrose Middle**	**1961**	**1976**	**113603**	**825**
1021	0506	Reynolds SD 7	**MULTNOMAH**	**Reynolds 7**	**Hauton B Lee Middle**	**1965**	**1998**	**94525**	**825**
1022	0506	David Douglas SD 40	**MULTNOMAH**	**David Douglas 40**	**Ron Russell Middle**	**2005**			**806**
1023	0506	Gresham-Barlow SD 10J	**MULTNOMAH**	**Gresham 10J**	**Gordon Russel Middle**	**1978**	**1997**	**111628**	**793**
1024	0506	David Douglas SD 40	**MULTNOMAH**	**David Douglas 40**	**Floyd Light Middle**	**1966**		**88538**	**776**
1025	0506	Reynolds SD 7	**MULTNOMAH**	**Reynolds 7**	**Walt Morey Middle**	**1998**		**88696**	**709**
1026	0506	David Douglas SD 40	**MULTNOMAH**	**David Douglas 40**	**Alice Ott Middle**	**1937**	**1996**	**76911**	**697**
1027	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Jackson Middle**	**1964**	**1997**	**247779**	**694**
1028	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Gregory Heights Middle**	**1923**	**1996**	**95438**	**691**
1029	0506	Gresham-Barlow SD 10J	**MULTNOMAH**	**Gresham 10J**	**Clear Creek Middle**	**1993**	**1998**	**116668**	**688**
1030	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Binnsmead Middle**	**1949**	**1997**	**109059**	**680**
1031	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Mt Tabor Middle**	**1952**	**1998**	**85800**	**676**
1032	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Alameda Elem**	**1921**	**1997**	**64957**	**669**
1033	0506	Gresham-Barlow SD 10J	**MULTNOMAH**	**Gresham 10J**	**Dexter McCarty Middle**	**1968**	**1997**	**107623**	**649**
1034	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Head Start Sacajawea**				**625**
1035	0506	David Douglas SD 40	**MULTNOMAH**	**David Douglas 40**	**Gilbert Park Elem**	**1954**	**1995**	**49839**	**616**
1036	0506	Centennial SD 28J	**MULTNOMAH**	**Centennial 28J**	**Butler Creek Elem**	**2003**			**595**
1037	0506	David Douglas SD 40	**MULTNOMAH**	**David Douglas 40**	**Gilbert Heights Elem**	**1958**	**1996**	**64474**	**589**
1038	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Laurelhurst Elem**	**1923**	**1997**	**46204**	**581**
1039	0506	David Douglas SD 40	**MULTNOMAH**	**David Douglas 40**	**Lincoln Park Elem**	**1961**	**1994**	**63877**	**580**
1040	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Sellwood Middle**	**1913**	**1997**	**86658**	**564**
1041	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Atkinson Elem**	**1953**	**1997**	**58057**	**558**
1042	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Lane Middle**	**1926**	**2001**	**86726**	**553**
1043	0506	Gresham-Barlow SD 10J	**MULTNOMAH**	**Gresham 10J**	**Highland Elem**	**1971**	**1999**	**58944**	**550**
1044	0506	Centennial SD 28J	**MULTNOMAH**	**Centennial 28J**	**Pleasant Valley Elem**	**1940**	**1994**	**56830**	**545**
1045	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Buckman Elem**	**1922**	**1996**	**82023**	**537**
1046	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Beaumont Middle**	**1926**	**1997**	**94431**	**536**
1047	0506	Centennial SD 28J	**MULTNOMAH**	**Centennial 28J**	**Lynch Meadow School**	**1976**	**1981**	**53836**	**533**
1048	0506	Portland SD 1J	**MULTNOMAH**	**Portland 1J**	**Woodlawn Elem**	**1926**	**2000**	**61595**	**529**
1049	0506	Gresham-Barlow SD 10J	**MULTNOMAH**	**Gresham 10J**	**Hogan Cedars Elem**	**2002**		**66000**	**526**
1050	0506	Reynolds SD 7	**MULTNOMAH**	**Reynolds 7**	**Glenfair Elem**	**1954**	**1998**	**55350**	**525**

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1051	0506	Reynolds SD 7	MULTNOMAH	Reynolds 7	Sweetbriar Elem	1974	1999	62625	521
1052	0506	Gresham-Barlow SD 10J	MULTNOMAH	Gresham 10J	North Gresham Elem	1960	1997	52548	517
1053	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Forest Park Elem	1998		42723	517
1054	0506	Reynolds SD 7	MULTNOMAH	Reynolds 7	Alder Elem	1965	1998	54600	517
1055	0506	David Douglas SD 40	MULTNOMAH	David Douglas 40	Mill Park Elem	1961	1994	58407	515
1056	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Glencoe Elem	1923	1996	64378	510
1057	0506	Gresham-Barlow SD 10J	MULTNOMAH	Gresham 10J	Hall Elem	1980	2001	58804	509
1058	0506	Centennial SD 28J	MULTNOMAH	Centennial 28J	Harold Oliver Primary	1960	1994	45815	506
1059	0506	Gresham-Barlow SD 10J	MULTNOMAH	Gresham 10J	East Gresham Elem	1950	1997	68391	505
1060	0506	Gresham-Barlow SD 10J	MULTNOMAH	Gresham 10J	Kelley Creek Elem	1993		63000	503
1061	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Clark Elem	1955	1996	50595	500
1062	0506	Gresham-Barlow SD 10J	MULTNOMAH	Gresham 10J	Powell Valley Elem	1910	1997	59706	497
1063	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Gray Middle	1951	2000	60624	496
1064	0506	Reynolds SD 7	MULTNOMAH	Reynolds 7	Salish Ponds Elem				495
1065	0506	Centennial SD 28J	MULTNOMAH	Centennial 28J	Lynch View Elem	1957	1994	49151	493
1066	0506	Reynolds SD 7	MULTNOMAH	Reynolds 7	Woodland Elem	1997		62229	492
1067	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Ainsworth Elem	1912	1997	57593	491
1068	0506	Portland SD 1J	MULTNOMAH	Portland 1J	King Elem	1925	1997	88957	491
1069	0506	Gresham-Barlow SD 10J	MULTNOMAH	Gresham 10J	East Orient Elem	1945	1997	45000	484
1070	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Kelly Elem	1957	1998	97546	484
1071	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Kellogg Middle	1917	1997	94592	481
1072	0506	Reynolds SD 7	MULTNOMAH	Reynolds 7	Davis Elem	1959	1998	44700	477
1073	0506	Reynolds SD 7	MULTNOMAH	Reynolds 7	Troutdale Elem	1926	1996	53824	476
1074	0506	David Douglas SD 40	MULTNOMAH	David Douglas 40	West Powellhurst Elem	1955	2000	45363	475
1075	0506	David Douglas SD 40	MULTNOMAH	David Douglas 40	Ventura Park Elem	1952	1963	54961	473
1076	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Fernwood Middle	1911	1997	74963	466
1077	0506	Reynolds SD 7	MULTNOMAH	Reynolds 7	Wilkes Elem	1913	1997	38560	465
1078	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Boise/Eliot Elem	1926	1996	61379	461
1079	0506	Centennial SD 28J	MULTNOMAH	Centennial 28J	Lynch Wood Elem	1959	1994	51002	460
1080	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Bridlemile Elem	1956	1997	59037	459
1081	0506	Portland SD 1J	MULTNOMAH	Portland 1J	James John Elem	1929	1996	63697	458
1082	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Chapman Elem	1923	1997	62962	453
1083	0506	David Douglas SD 40	MULTNOMAH	David Douglas 40	Cherry Park Elem	1954	1994	54150	452
1084	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Woodmere Elem	1954	1997	55324	449
1085	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Hosford Middle	1925	1997	77050	447
1086	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Metro Learning Center	1914	1999	68135	447
1087	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Irvington Elem	1932	1997	65285	445
1088	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Duniway Elem	1926	1997	67492	443
1089	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Sunnyside Environmental School	1925	1997	54361	443
1090	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Rigler Elem	1931	1997	59760	442
1091	0506	Gresham-Barlow SD 10J	MULTNOMAH	Gresham 10J	Hollydale Elem	1979	2001	57113	438
1092	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Rose City Park Elem	1921	1997	87311	429
1093	0506	Reynolds SD 7	MULTNOMAH	Reynolds 7	Fairview Elem	1925	1997	63050	429
1094	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Portsmouth Middle	1927	1997	75814	428
1095	0506	David Douglas SD 40	MULTNOMAH	David Douglas 40	Menlo Park Elem	1952	1956	55958	427
1096	0506	David Douglas SD 40	MULTNOMAH	David Douglas 40	Earl Boyes Elem	1956	2002	52254	423
1097	0506	Parkrose SD 3	MULTNOMAH	Parkrose 3	Sacremento Elem	1960	1983	49528	423
1098	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Sabin Elem	1927	1997	72349	422
1099	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Beach Elem	1928	2000	70404	414
1100	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Whitman Elem	1654	1997	69755	404
1101	0506	Portland SD 1J	MULTNOMAH	Portland 1J	George Middle	1950	1997	78713	403
1102	0506	Reynolds SD 7	MULTNOMAH	Reynolds 7	Hartley Elem	1963	1998	39650	401
1103	0506	Gresham-Barlow SD 10J	MULTNOMAH	Gresham 10J	West Orient Middle	1929	1997	76425	400
1104	0506	Parkrose SD 3	MULTNOMAH	Parkrose 3	Russell Academy	1961	1966	43973	396
1105	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Markham Elem	1950	1997	86362	396
1106	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Chief Joseph Elem	1949	1996	46204	393
1107	0506	Centennial SD 28J	MULTNOMAH	Centennial 28J	Harold Oliver Intermediate	1969	1974	83458	390
1108	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Bridger Elem	1951	1997	45142	388
1109	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Vernon Elem	1931	1998	72323	384
1110	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Da Vinci Middle				380
1111	0506	Parkrose SD 3	MULTNOMAH	Parkrose 3	Prescott Elem	1947	1959	37740	371
1112	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Scott Elem	1949	1997	62681	369
1113	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Abernethy Elem	1924	1996	50358	366
1114	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Lent Elem	1948	1998	76478	366
1115	0506	Gresham-Barlow SD 10J	MULTNOMAH	Gresham 10J	West Gresham Elem	1923	1998	43552	365
1116	0506	Gresham-Barlow SD 10J	MULTNOMAH	Gresham 10J	Damascas Middle	1929	1998	73705	362
1117	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Hayhust Elem	1954	1996	56266	358
1118	0506	Portland SD 1J	MULTNOMAH	Portland 1J	School of Pride				348
1119	0506	Reynolds SD 7	MULTNOMAH	Reynolds 7	Margaret Scott Elem	1961	1997	34170	346
1120	0506	Gresham-Barlow SD 10J	MULTNOMAH	Gresham 10J	Deep Creek Elem	1975	1994	63195	345
1121	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Winterhaven School				339
1122	0506	Riverdale SD 51J	MULTNOMAH	Riverdale 51J	Riverdale Grade				339
1123	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Woodstock Elem	1910	1997	69135	337
1124	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Marysville Elem	1921	1997	53490	336
1125	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Capitol Hill Elem	1917	1997	46241	335

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1126	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Clarendon Elem	1970	1996	42958	325
1127	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Stephenson Elem	1964	1996	40539	325
1128	0506	Parkrose SD 3	MULTNOMAH	Parkrose 3	Shaver Elem	1963	1965	46858	322
1129	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Ockley Green Middle	1925	2001	71937	318
1130	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Maplewood Elem	1948	1997	37191	315
1131	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Arleta Elem	1929	2001	76489	313
1132	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Grout Elem	1927	2001	65838	310
1133	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Faubion Elem	1950	1997	57846	309
1134	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Lee Elem	1952	1998	73701	309
1135	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Richmond Elem	1908	1997	77070	309
1136	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Lewis Elem	1952	1997	48380	301
1137	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Llewellyn Elem	1928	1997	50651	301
1138	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Sitton Elem	1949	1997	58762	300
1139	0506	Portland SD 1J	MULTNOMAH	Portland 1J	School of Champions				299
1140	0506	Portland SD 1J	MULTNOMAH	Portland 1J	BizTech High				297
1141	0506	Corbett SD 39	MULTNOMAH	Corbett 39	Corbett Grade	1994		48000	294
1142	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Vestal Elem	1929	1997	66388	294
1143	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Creston Elem	1946	1997	70765	290
1144	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Pursuit of Wellness Education & Recreation School				284
1145	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Arts, Communication & technology School				282
1146	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Pauling Academy of Integrated Sciences				282
1147	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Astor Elem	1949	1996	47360	279
1148	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Renaissance Arts Academy				277
1149	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Ball Elem	1948	1996	22797	271
1150	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Humboldt Elem	1959	1997	46865	270
1151	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Tubman Middle	1952	1996	94775	270
1152	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Rieke Elem	1959	2001	30647	267
1153	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Penninsula Elem	1952	1997	70151	254
1154	0506	Riverdale SD 51J	MULTNOMAH	Riverdale 51J	Riverdale High				247
1155	0506	Portland SD 1J	MULTNOMAH	Portland 1J	PCC Bilingual				235
1156	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Trillium				223
1157	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Hollyrood Elem	1959	2001	15701	215
1158	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Spanish-English International School				212
1159	0506	David Douglas SD 40	MULTNOMAH	David Douglas 40	Fir Ridge Campus				208
1160	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Skyline Elem	1939	1996	37245	201
1161	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Foster/CSC SLC	1962		11470	196
1162	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	Hellensview High				186
1163	0506	Reynolds SD 7	MULTNOMAH	Reynolds 7	Multisensory Learning Academy				177
1164	0506	Reynolds SD 7	MULTNOMAH	Reynolds 7	Reynolds Learning Academy				173
1165	0506	Portland SD 1J	MULTNOMAH	Portland 1J	PCC HS Completion				171
1166	0506	Corbett SD 39	MULTNOMAH	Corbett 39	Corbett Middle	1976	1989	18313	167
1167	0506	Gresham-Barlow SD 10J	MULTNOMAH	Gresham 10J	Springwater Trail High	2002		29000	163
1168	0506	Corbett SD 39	MULTNOMAH	Corbett 39	Corbett High	1929	1999	21283	157
1169	0506	Portland SD 1J	MULTNOMAH	Portland 1J	The Emerson School				121
1170	0506	David Douglas SD 40	MULTNOMAH	David Douglas 40	Arthur Academy				118
1171	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Joseph Meek Prof Technical High				117
1172	0506	Portland SD 1J	MULTNOMAH	Portland 1J	PCC GED				114
1173	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Portland Opportunities Industrial				105
1174	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Marshall Night				100
1175	0506	Reynolds SD 7	MULTNOMAH	Reynolds 7	Reynolds Arthur Academy				98
1176	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Mt Scott Park Learning Center				96
1177	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Self Enhancement Inc				92
1178	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Grant Night High				91
1179	0506	Portland SD 1J	MULTNOMAH	Portland 1J	LISTOS				91
1180	0506	Portland SD 1J	MULTNOMAH	Portland 1J	CM2 Opal School				81
1181	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Open Meadow High				71
1182	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Quest				66
1183	0506	Portland SD 1J	MULTNOMAH	Portland 1J	CTC Southeast				65
1184	0506	Centennial SD 28J	MULTNOMAH	Centennial 28J	Centennial Learning Center				60
1185	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Portland Arthur Academy Charter				54
1186	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Albina Youth Opportunity Ctr				51
1187	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	Alpha High				48
1188	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Open Meadow Crue				46
1189	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Open Meadow Middle School				45
1190	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Youth Employment Institute				43
1191	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Rosemont				42
1192	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Parry Center				40
1193	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	Arata Creek School				32
1194	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Janus Youth Prog - Clinton School				32
1195	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	MESD Training and Education				31
1196	0506	Portland SD 1J	MULTNOMAH	Portland 1J	YEI Teen Parent				31
1197	0506	Reynolds SD 7	MULTNOMAH	Reynolds 7	Edgefield Children Center				31
1198	0506	David Douglas SD 40	MULTNOMAH	David Douglas 40	School for non-school youth				30
1199	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Portland International Community School				30
1200	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	Life Skills Ctr/Present Tense				29

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1201	0506	David Douglas SD 40	MULTNOMAH	David Douglas 40	Academy of Alternatives				22
1202	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Native Montessori Program				22
1203	0506	Gresham-Barlow SD 10J	MULTNOMAH	Gresham 10J	Adult Living Program				21
1204	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Morrison Child & Family Services, Hand In Hand				21
1205	0506	Portland SD 1J	MULTNOMAH	Portland 1J	DePaul Treatment Cneters				20
1206	0506	Portland SD 1J	MULTNOMAH	Portland 1J	New Avenues For Youth				20
1207	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Portland Youth Builders				20
1208	0506	Portland SD 1J	MULTNOMAH	Portland 1J	White Shield Home				20
1209	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Youth Progress Learning Ctr				20
1210	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Boys & Girls Aid Society				19
1211	0506	Portland SD 1J	MULTNOMAH	Portland 1J	CTC Jefferson				19
1212	0506	Portland SD 1J	MULTNOMAH	Portland 1J	CTC PSU				19
1213	0506	David Douglas SD 40	MULTNOMAH	David Douglas 40	Serendipity				18
1214	0506	Reynolds SD 7	MULTNOMAH	Reynolds 7	Reynolds SD 7				17
1215	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Lifeworks NW-Nickerson Ctr				16
1216	0506	David Douglas SD 40	MULTNOMAH	David Douglas 40	Homebound				13
1217	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	FLS East County House				13
1218	0506	Portland SD 1J	MULTNOMAH	Portland 1J	ILP Night				13
1219	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Portland Evening High at Benson				13
1220	0506	David Douglas SD 40	MULTNOMAH	David Douglas 40	McCoy East				12
1221	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	ESD Program at Reynolds MS				12
1222	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	ESD Program at Harold Oliver Intermed				10
1223	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	ESD Program at Woodland Elem				10
1224	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Morrison Breakthrough				10
1225	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Pacific Crest Community School				10
1226	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	Centennial High Program				9
1227	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	ESD Program at Kelly Creek Elem				9
1228	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	ESD Program at Marshall High				9
1229	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	ESD Program at Sam Barlow High				9
1230	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	Ventura Park FLS				9
1231	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Pathfinder Academy				9
1232	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Trillium Family Servives/Waverly				9
1233	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	ESD Program at Cleveland High				8
1234	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	ESD Program at Gordon Russell MS				8
1235	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	ESD Program at Madison High				8
1236	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Praise				8
1237	0506	David Douglas SD 40	MULTNOMAH	David Douglas 40	Community Transition				7
1238	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	ESD Program at David Douglas High				7
1239	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	ESD Program at Youngson ES				7
1240	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	FLS Program at Davis Elem				7
1241	0506	David Douglas SD 40	MULTNOMAH	David Douglas 40	CCI Enterprises				6
1242	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	Arata Creek FLS				6
1243	0506	David Douglas SD 40	MULTNOMAH	David Douglas 40	Lents Education				5
1244	0506	Multnomah ESD	MULTNOMAH	Multnomah ESD R02	ESD Program at Jason Lee				5
1245	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Part-time Home/Private				5
1246	0506	David Douglas SD 40	MULTNOMAH	David Douglas 40	Portland Youth Builders				4
1247	0506	Portland SD 1J	MULTNOMAH	Portland 1J	Home Instruction				2
1248	0506	David Douglas SD 40	MULTNOMAH	David Douglas 40	PCC GED				1
1249	0506	Dallas SD 2	**POLK**	**Dallas 2**	**Dallas High**	**1953**	**2000**	**160500**	**1,004**
1250	0506	Central SD 13J	**POLK**	**Central SD 13J**	**Central High**	**1949**	**2000**	**138700**	**858**
1251	0506	Dallas SD 2	**POLK**	**Dallas 2**	**LaCreole Middle**	**1966**	**1996**	**115282**	**768**
1252	0506	Central SD 13J	**POLK**	**Central SD 13J**	**Monmouth Elem**	**1963**	**1999**	**36100**	**473**
1253	0506	Dallas SD 2	**POLK**	**Dallas 2**	**Whitworth Elem**	**1956**	**1994**	**48748**	**450**
1254	0506	Dallas SD 2	**POLK**	**Dallas 2**	**Lyle Elem**	**1950**	**1994**	**48077**	**430**
1255	0506	Dallas SD 2	**POLK**	**Dallas 2**	**Oakdale Heights Elem**	**1975**	**1994**	**46370**	**420**
1256	0506	Central SD 13J	**POLK**	**Central SD 13J**	**Talmadge Middle**	**1965**	**2000**	**84090**	**404**
1257	0506	Central SD 13J	**POLK**	**Central SD 13J**	**Ash Creek Intermediate**	**2002**		**57000**	**400**
1258	0506	Perrydale SD 21	**POLK**	**Perrydale 21**	**Perrydale School**	**2001**		**50000**	**323**
1259	0506	Central SD 13J	**POLK**	**Central SD 13J**	**Independent Elem**	**1925**	**2000**	**40450**	**308**
1260	0506	Central SD 13J	**POLK**	**Central SD 13J**	**Henry Hill Elem**	**1938**	**1995**	**37640**	**297**
1261	0506	Falls City SD 57	POLK	Falls City 57	Falls City Elem	1939	1986	19000	117
1262	0506	Dallas SD 2	POLK	Dallas 2	Morrison Charter	1935	1989	20242	99
1263	0506	Dallas SD 2	POLK	Dallas 2	Luckiamute Valley Charter				94
1264	0506	Falls City SD 57	POLK	Falls City 57	Falls City High	1932		15500	69
1265	0506	Central SD 13J	POLK	Central SD 13J	Poyama Day treatment				17
1266	0506	Dallas SD 2	POLK	Dallas 2	Polk Adolescent DTC				14
1267	0506	Sherman County SD	**SHERMAN**	**Sherman 1J**	**Sherman Jr/Sr High**	**1956**	**1992**	**53082**	**145**
1268	0506	Sherman County SD	**SHERMAN**	**Sherman 1J**	**North Sherman Elem**	**1916**	**1991**	**32180**	**72**
1269	0506	Sherman County SD	**SHERMAN**	**Sherman 1J**	**South Sherman Elem**	**1991**		**31900**	**53**
1270	0506	Tillamook SD 9	**TILLAMOOK**	**Tillamook 9**	**Tillamook High (5 bldgs)**	**1945**	**1989**	**161977**	**744**
1271	0506	Tillamook SD 9	**TILLAMOOK**	**Tillamook 9**	**East Elem**	**1945**		**51796**	**461**
1272	0506	Neah-Kah-Nie SD 56	**TILLAMOOK**	**Neah-kah-nie 56**	**Neah-kah-nie Jr/Sr High**	**1952**	**1994**	**95000**	**377**
1273	0506	Tillamook SD 9	**TILLAMOOK**	**Tillamook 9**	**Tillamook Jr High**	**1945**		**63043**	**345**
1274	0506	Tillamook SD 9	**TILLAMOOK**	**Tillamook 9**	**South Prairie Elem**	**1980**		**36051**	**339**
1275	0506	Nestucca Valley SD 101J	**TILLAMOOK**	**Nestucca Valley 101J**	**Nestucca Valley Elem**	**1950**	**1961**	**31747**	**222**

	School Year	District	County	District	School	Year Built	Year Remod	ODE Sq Ft	2005 Total
1276	0506	Nestucca Valley SD 101J	TILLAMOOK	Nestucca Valley 101J	Nestucca High	1929	1968	71584	220
1277	0506	Tillamook SD 9	TILLAMOOK	Tillamook 9	Liberty Elem	1961		21252	213
1278	0506	Neah-Kah-Nie SD 56	TILLAMOOK	Neah-kah-nie 56	Nehalem Elem	1900	1929	26500	201
1279	0506	Neah-Kah-Nie SD 56	TILLAMOOK	Neah-kah-nie 56	Garibaldi Elem	1927	1953	40400	171
1280	0506	Nestucca Valley SD 101J	TILLAMOOK	Nestucca Valley 101J	Nestucca Valley Middle	1920	1969	28400	129
1281	0506	Hermiston SD 8	UMATILLA	Hermiston 8	Hermiston High	1952	1991	167000	1,307
1282	0506	Pendleton SD 16	UMATILLA	Pendleton 16	Pendleton High	1945	1995	219962	1,006
1283	0506	Pendleton SD 16	UMATILLA	Pendleton 16	Sunridge Middle	1981		23666	807
1284	0506	Hermiston SD 8	UMATILLA	Hermiston 8	Sandstone Middle	1995		85000	624
1285	0506	Umatilla SD 6R	UMATILLA	Umatilla 6	McNary Heights Elem	1976	1992	43223	606
1286	0506	Hermiston SD 8	UMATILLA	Hermiston 8	Highland Hills Elem	1980	2001	38600	530
1287	0506	Milton-Freewater Unified SD 7	UMATILLA	Milton-Freewater 7	McLoughlin High (7 bldgs)	1921	1974	80312	508
1288	0506	Hermiston SD 8	UMATILLA	Hermiston 8	Armand Larive Middle	1936	2001	86410	466
1289	0506	Hermiston SD 8	UMATILLA	Hermiston 8	Sunset Elem	1957	2001	47500	457
1290	0506	Milton-Freewater Unified SD 7	UMATILLA	Milton-Freewater 7	Central Middle (3 bldgs)	1909	1984	61202	450
1291	0506	Hermiston SD 8	UMATILLA	Hermiston 8	Desert View Elem	2001		45441	443
1292	0506	Pendleton SD 16	UMATILLA	Pendleton 16	Washington Elem	1945	1958	34552	411
1293	0506	Hermiston SD 8	UMATILLA	Hermiston 8	Rocky Heights Elem	1962	2001	40062	408
1294	0506	Hermiston SD 8	UMATILLA	Hermiston 8	West Park Elem	1950	2001	49875	406
1295	0506	Pendleton SD 16	UMATILLA	Pendleton 16	Sherwood Heights Elem	1945	1960	37581	373
1296	0506	Milton-Freewater Unified SD 7	UMATILLA	Milton-Freewater 7	Grove Elem (3 bldgs)	1909	1984	27737	370
1297	0506	Umatilla SD 6R	UMATILLA	Umatilla 6	Umatilla High	1999		84428	362
1298	0506	Pendleton SD 16	UMATILLA	Pendleton 16	McCay Creek Elem	1961	1966	35317	360
1299	0506	Milton-Freewater Unified SD 7	UMATILLA	Milton-Freewater 7	Freewater Elem	1909	1954	27810	332
1300	0506	Stanfield SD 61	UMATILLA	Stanfield 61	Stanfield Elem	2001		46000	319
1301	0506	Umatilla SD 6R	UMATILLA	Umatilla 6	Clara Brownell Middle				298
1302	0506	Milton-Freewater Unified SD 7	UMATILLA	Milton-Freewater 7	Ferndale Elem	1900	1989	32910	289
1303	0506	Echo SD 5	UMATILLA	Echo 5	Echo School (7 bldgs)	1929	1980	52298	267
1304	0506	Stanfield SD 61	UMATILLA	Stanfield 61	Stanfield Secondary	1979	1995	57000	237
1305	0506	Athena-Weston SD 29RJ	UMATILLA	Athena-Weston 29J	Weston McEwan High	1949		17500	235
1306	0506	Pilot Rock SD 2	UMATILLA	Pilot Rock 2	Pilot Rock Elem	1948	1962	39385	209
1307	0506	Pilot Rock SD 2	UMATILLA	Pilot Rock 2	Pilot Rock High	1955	1981	29107	206
1308	0506	Pendleton SD 16	UMATILLA	Pendleton 16	West Hills Intermed	1945	1958	21259	182
1309	0506	Helix SD 1	UMATILLA	Helix 1	Helix School	1945		15214	174
1310	0506	Pendleton SD 16	UMATILLA	Pendleton 16	Lincoln Primary	1930	1948	29806	174
1311	0506	Athena-Weston SD 29RJ	UMATILLA	Athena-Weston 29J	Athena Elem	1975		34500	162
1312	0506	Athena-Weston SD 29RJ	UMATILLA	Athena-Weston 29J	Athena-Weston Middle	1927		28000	133
1313	0506	Athena-Weston SD 29RJ	UMATILLA	Athena-Weston 29J	Weston Elem	1963		10800	83
1314	0506	Milton-Freewater Unified SD 7	UMATILLA	Milton-Freewater 7	Pleasant View School	1906	1982	11484	60
1315	0506	Pendleton SD 16	UMATILLA	Pendleton 16	Nixyaawii Community School				59
1316	0506	Pendleton SD 16	UMATILLA	Pendleton 16	Pendelton Education Ctr				57
1317	0506	Ukiah SD 80R	UMATILLA	Ukiah 80	Ukiah School	1929	1988	10740	44
1318	0506	Pendleton SD 16	UMATILLA	Pendleton 16	Eastern Oregon Children's Multi-Treatment Center				31
1319	0506	Pendleton SD 16	UMATILLA	Pendleton 16	Homestead Youth & Family Services				25
1320	0506	Pendleton SD 16	UMATILLA	Pendleton 16	Umatilla County Youth Care Ctr				6
1321	0506	La Grande SD 1	UNION	La Grande 1	La Grande High	1951	2001	162327	761
1322	0506	La Grande SD 1	UNION	La Grande 1	Central Elem	1954	1997	34690	355
1323	0506	La Grande SD 1	UNION	La Grande 1	Greenwood Elem	1956	1997	34919	354
1324	0506	La Grande SD 1	UNION	La Grande 1	La Grande Middle	1976	1997	110572	341
1325	0506	Elgin SD 23	UNION	Elgin 23	Stella Mayfield Elem	1947		45300	285
1326	0506	Cove SD 15	UNION	Cove 15	Cove School	1935	1991	34801	254
1327	0506	Union SD 5	UNION	Union 5	Union Elem (2 bldgs)	1918	1956	23817	240
1328	0506	La Grande SD 1	UNION	La Grande 1	Island City Elem	1976	1997	25029	222
1329	0506	Union SD 5	UNION	Union 5	Union High	1912	1995	53385	218
1330	0506	North Powder SD 8J	UNION	North Powder 8J	Powder Valley School (4 bldgs)	1916	1965	47764	211
1331	0506	Imbler SD 11	UNION	Imbler 11	Imbler High (4 bldgs)	1912	1994	71170	160
1332	0506	La Grande SD 1	UNION	La Grande 1	Willow Elem	1924	1997	17919	155
1333	0506	Imbler SD 11	UNION	Imbler 11	Imbler Elem				147
1334	0506	Elgin SD 23	UNION	Elgin 23	Elgin High	1957		40000	139
1335	0506	La Grande SD 1	UNION	La Grande 1	Grande Ronde Child Ctr				1
1336	0506	Enterprise SD 21	WALLOWA	Enterprise 21	Enterprise High	1974		24470	212
1337	0506	Enterprise SD 21	WALLOWA	Enterprise 21	Enterprise Elem	1918		35293	159
1338	0506	Wallowa SD 12	WALLOWA	Wallowa 12	Wallowa High	1922	1993	43098	143
1339	0506	Wallowa SD 12	WALLOWA	Wallowa 12	Wallowa Elem	1949	1993	24230	120
1340	0506	Joseph SD 6	WALLOWA	Joseph 6	Joseph High	1968		50800	118
1341	0506	Joseph SD 6	WALLOWA	Joseph 6	Joseph Elem	1940	1997	13900	85
1342	0506	Joseph SD 6	WALLOWA	Joseph 6	Joseph Middle				54
1343	0506	Joseph SD 6	WALLOWA	Joseph 6	Imnaha Elem				10
1344	0506	Troy SD 54	WALLOWA	Troy 54	Troy Elem				6
1345	0506	North Wasco County SD 21	WASCO	North Wasco 21	The Dalles High	1940	1975	209167	966
1346	0506	North Wasco County SD 21	WASCO	North Wasco 21	The Dalles Middle	2002		99000	658
1347	0506	North Wasco County SD 21	WASCO	North Wasco 21	Dry Hollow Elem	1960		36016	456
1348	0506	North Wasco County SD 21	WASCO	North Wasco 21	Chenowith Elem	1962	1993	38214	417
1349	0506	North Wasco County SD 21	WASCO	North Wasco 21	Colonel Wright Elem	1924	1999	34109	350
1350	0506	Dufur SD 29	WASCO	Dufur 29	Dufur School	1956	1997	53552	277

	School Year	District	County	District	School	Year Built	Year Remod	ODE Sq Ft	2005 Total
1351	0506	South Wasco County SD 1	WASCO	South Wasco County 1	South Wasco County High	1955	1998	42724	141
1352	0506	North Wasco County SD 21	WASCO	North Wasco 21	Mosier Community School	1920		14500	128
1353	0506	South Wasco County SD 1	WASCO	South Wasco County 1	Maupin Elem	1930	1978	31691	123
1354	0506	Region 9 ESD	WASCO	Region 9 ESD	Mid-Columbia Child Center				11
1355	0506	North Wasco County SD 21	WASCO	North Wasco 21	Post Secondary High Needs program				4
1356	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Westview High	1994	2001	258000	2,487
1357	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Sunset High	1958	2002	217068	2,130
1358	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Beaverton High	1996		271512	2,074
1359	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Southridge High	1999		259081	2,034
1360	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Tigard High (3 bldgs)	1950	1998	304439	2,005
1361	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Aloha High	1967	2002	232200	2,002
1362	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Tualatin High (3 bldgs)	1992	1998	255636	1,791
1363	0506	Forest Grove SD 15	WASHINGTON	Forest Grove 15	Forest Grove High	1983	1998	267784	1,707
1364	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Century High	1997		270000	1,492
1365	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Hillsboro High	1969	2000	256652	1,474
1366	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Glencoe High	1980	1986	240000	1,443
1367	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Liberty High	2003		290000	1,268
1368	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Stoller Middle	1999	2001	122600	1,143
1369	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Five Oaks Middle				1,106
1370	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Conestoga Middle	1994	2002	120000	1,072
1371	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Mountain View Middle	1968	2002	136296	1,046
1372	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Hazelbrook Middle	1992		104200	1,010
1373	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Highland Park Middle	1965	2002	121777	1,009
1374	0506	Forest Grove SD 15	WASHINGTON	Forest Grove 15	Neil Armstrong Middle	1970	1996	136410	946
1375	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Thomas R Fowler Middle	1975	1989	124488	935
1376	0506	Sherwood SD 88J	WASHINGTON	Sherwood 88J	Sherwood High	1971	2001	146259	930
1377	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Cedar Park Middle	1965	2002	121777	926
1378	0506	Forest Grove SD 15	WASHINGTON	Forest Grove 15	Tom McCall Upper Elem	1952	1996	114708	905
1379	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Twality Middle	1950	1996	113954	888
1380	0506	Sherwood SD 88J	WASHINGTON	Sherwood 88J	Sherwood Middle	1936	2001	90249	887
1381	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Raymond A Brown Middle	1963	1981	94215	875
1382	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Meadow park Middle	1963	2002	121777	859
1383	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Aloha Park Elem	1912	2002	52348	814
1384	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Whitford Middle	1963	2002	122947	814
1385	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Findlay Elem	1997	1998	71300	802
1386	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Evergreen Jr High	1981	1982	120000	778
1387	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Jacob Wismer Elem	2001		73526	762
1388	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Beaver Acres Elem	1955	2002	56709	758
1389	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Barnes Elem	1927	2002	52941	732
1390	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Scholls Heights Elem	1999		68495	721
1391	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	JW Poynter Jr High	1959	1980	83200	721
1392	0506	Sherwood SD 88J	WASHINGTON	Sherwood 88J	Archer Glen Elem	1995		65800	698
1393	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Paul Patterson Elem	2000		69435	677
1394	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Nancy Ryles Elem	1992	1997	69325	662
1395	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Edward Byrom Elem	1980		59435	661
1396	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Imlay Elem	2002			656
1397	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Jackson Elem	1990		48367	656
1398	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Elmonica Elem	1980	2002	50490	652
1399	0506	Sherwood SD 88J	WASHINGTON	Sherwood 88J	Middleton Elem	2000		63306	643
1400	0506	Sherwood SD 88J	WASHINGTON	Sherwood 88J	J Clyde Hopkins Elem	1950	2000	44500	636
1401	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	WL Henry Elem	1968		48813	616
1402	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Sexton Mountain Elem	1989	2002	66500	608
1403	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Charles Tigard Elem	2004		67000	605
1404	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Ladd Acres Elem	1968	1973	60825	603
1405	0506	Banks SD 13	WASHINGTON	Banks 13	Banks Elem	1998		62000	602
1406	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Rock Creek Elem	1974	1997	51687	600
1407	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Hazeldale Elem	1949	2001	51250	599
1408	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Orenco Elem	2000		69435	594
1409	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Metzger Elem	2004		67000	578
1410	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Oak Hills Elem	1967	1998	48177	574
1411	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Tobias Elem	1992		50000	563
1412	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Deer Creek Elem	1997		61380	563
1413	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Brookwood Elem	1953	1957	40641	558
1414	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	McKinley Elem	1955	1999	45893	552
1415	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	JB Thomas Middle	1928	1972	215000	543
1416	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Mooberry Elem	1963	1971	47096	543
1417	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Vose Elem	1960	1999	51520	542
1418	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Cooper Mountain Elem	1914	1999	51935	541
1419	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	James Templeton Elem	1965	1996	48798	537
1420	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Mary Woodward Elem	1980		65750	537
1421	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Tualatin Elem	2004		67000	537
1422	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Fir Grove Elem	1954	1999	59912	533
1423	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	W Verne McKinney Elem	1970		46763	533
1424	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Durham Elem	1989	1996	63175	532
1425	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Bethany Elem	1970	1992	49934	515

	School Year	District	County	District	School	Year Built	Year Remod	ODE Sq Ft	2005 Total
1426	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Eastwood Elem	1978		45963	505
1427	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Bridgeport Elem	1984		64513	500
1428	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Errol Hassell Elem	1979	2002	52430	499
1429	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Terra Linda Elem	1970	1989	50500	489
1430	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Witch Hazel Elem	2004			489
1431	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	William Walker Elem	1960	2002	50388	487
1432	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Kinnaman Elem	1974	1997	44715	481
1433	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Chehalem Elem	1970	1999	49953	467
1434	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Hiteon Elem	1974	1986	47890	464
1435	0506	Forest Grove SD 15	WASHINGTON	Forest Grove 15	Echo Shaw	1975	1997	53684	449
1436	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Butternut Creek Elem	1977		35440	442
1437	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Lenox Elem	1978		51074	440
1438	0506	Banks SD 13	WASHINGTON	Banks 13	Banks High	1945		79930	438
1439	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Ridgewood Elem	1958	1970	56074	433
1440	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Greenway Elem	1979	1987	54243	429
1441	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Alberta Rider Elem	2005			424
1442	0506	Forest Grove SD 15	WASHINGTON	Forest Grove 15	Harvey Clarke Elem	1949	1998	54110	415
1443	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Raleigh Hills Elem	1927	1997	60550	407
1444	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Rayleigh Park Elem	1957	2002	43864	405
1445	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Indian Hills Elem	1979		38619	399
1446	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	McCay Elem	1929	2002	49010	388
1447	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Peter Boscow Elem	1922	1951	60750	388
1448	0506	Forest Grove SD 15	WASHINGTON	Forest Grove 15	Cornelius Elem	1945	1997	47445	384
1449	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Cedar Mill Elem	1926	2002	43059	375
1450	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Minter Bridge Elem	1980		47563	362
1451	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Reedville Elem	1922	1959	16247	352
1452	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	West Union Elem	1948	1996	42757	349
1453	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	West Tualatin View Elem	1955	1998	42228	346
1454	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	David Hill Elem	1948			332
1455	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Montclair Elem	1971	1998	38797	331
1456	0506	Forest Grove SD 15	WASHINGTON	Forest Grove 15	Fern Hill Elem				318
1457	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	North Plains Elem	1954	1996	46913	310
1458	0506	Forest Grove SD 15	WASHINGTON	Forest Grove 15	Joseph Gale Elem	1954	1998	37487	296
1459	0506	Gaston SD 511J	WASHINGTON	Gaston 511J	Gaston Jr/Sr High	1980	1987	16766	277
1460	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Arts & Communication High				270
1461	0506	Forest Grove SD 15	WASHINGTON	Forest Grove 15	Dilley Elem	1942	1997	33112	250
1462	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Arts & Communication Middle Magnet				245
1463	0506	Gaston SD 511J	WASHINGTON	Gaston 511J	Gaston Elem	1951	1989	28820	232
1464	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Farmington View Elem	1950	1987	20467	226
1465	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Groner Elem	1949	1969	32402	206
1466	0506	Banks SD 13	WASHINGTON	Banks 13	Banks Jr High	1945	1999	40000	196
1467	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Community School				196
1468	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	School of Science & Technology				184
1469	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Multi-sensory Instruction Teaching Children Hands-on				165
1470	0506	Forest Grove SD 15	WASHINGTON	Forest Grove 15	Ellen Stevens Community Academy				137
1471	0506	Forest Grove SD 15	WASHINGTON	Forest Grove 15	Gales Creek Elem	1948	1997	21906	116
1472	0506	Northwest Regional ESD	WASHINGTON	Northwest regional ESD R01	St Mary's Home For Boys				91
1473	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	City View Charter				87
1474	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Merlo Station Night				75
1475	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Miller Education Center GED				56
1476	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Miller Education Center 9-12	1959	2001	9560	54
1477	0506	Northwest Regional ESD	WASHINGTON	Northwest regional ESD R01	West Slope Academy				53
1478	0506	Sherwood SD 88J	WASHINGTON	Sherwood 88J	Multi-sensory Instruction Teaching Children Hands-on				40
1479	0506	Northwest Regional ESD	WASHINGTON	Northwest regional ESD R01	Pacific Academy				32
1480	0506	Northwest Regional ESD	WASHINGTON	Northwest regional ESD R01	Straight Ahead Shelter				32
1481	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Durham Center				31
1482	0506	Northwest Regional ESD	WASHINGTON	Northwest regional ESD R01	South Columbia Learning Center				29
1483	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Renaissance Alternative				27
1484	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Transition Prog				25
1485	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Comm Transition Services				23
1486	0506	Northwest Regional ESD	WASHINGTON	Northwest regional ESD R01	ESD Program at Groner Elem				23
1487	0506	Northwest Regional ESD	WASHINGTON	Northwest regional ESD R01	Lifeworks NW				19
1488	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	PCC GED				17
1489	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	PCC/Hillsboro Basic English				16
1490	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Miller Education Middle				15
1491	0506	Northwest Regional ESD	WASHINGTON	Northwest regional ESD R01	Hillsborough High Hearing Impaired Program				11
1492	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Janus Cordero				11
1493	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	PCC/LEP				10
1494	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Hillsboro SD 1J				9
1495	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Secondary Behavior Program				9
1496	0506	Northwest Regional ESD	WASHINGTON	Northwest regional ESD R01	Reach Program at Peter Boscow Elem				8
1497	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Lents Educ				7
1498	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Thomas Edison High				7
1499	0506	Northwest Regional ESD	WASHINGTON	Northwest regional ESD R01	Clatskanie Elem Prog				7
1500	0506	Tigard-Tualatin SD 23J	WASHINGTON	Tigard 23J	Tutorial Prog				7

	School Year	District	County	District	School	Year Built	Year Remod	ODE Sq Ft	2005 Total
1501	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Serendipity				5
1502	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Miller Education Twilight				4
1503	0506	Northwest Regional ESD	WASHINGTON	Northwest regional ESD R01	Thomas Deaf Program				3
1504	0506	Sherwood SD 88J	WASHINGTON	Sherwood 88J	Meridian Emotional & Behavioral Ctr				3
1505	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	Gately Academy				2
1506	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	PCC-GED				2
1507	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	PCC HS Completion				2
1508	0506	Beaverton SD 48J	WASHINGTON	Beaverton 48J	OHSU-Child Ped				1
1509	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	OHSU-Childrens Psychiatric				1
1510	0506	Hillsboro SD 1J	WASHINGTON	Hillsborough 1J	Quest Schools Inc				1
1511	0506	Spray SD 1	WHEELER	Spray 1	Spray School	1955		3026	66
1512	0506	Fossil SD 21J	WHEELER	Fossil 21J	Fossil Elem	1925	1936	23680	64
1513	0506	Mitchell SD 55	WHEELER	Mitchell 55	Mitchell School	1983		12500	64
1514	0506	Fossil SD 21J	WHEELER	Fossil 21J	Wheeler High	1949		21088	26
1515	0506	McMinnville SD 40	YAMHILL	McMinnville 40	McMinnville High	1945	1998	216884	1,839
1516	0506	Newberg SD 29J	YAMHILL	Newburg 29J	Newburg High	1961	1999	175000	1,693
1517	0506	McMinnville SD 40	YAMHILL	McMinnville 40	Patton Middle	1977	1999	136600	768
1518	0506	Newberg SD 29J	YAMHILL	Newburg 29J	Chehalem Valley Middle	1995		95335	675
1519	0506	McMinnville SD 40	YAMHILL	McMinnville 40	Duniway Middle	1993	1999	81860	647
1520	0506	McMinnville SD 40	YAMHILL	McMinnville 40	Grandhaven Elem	1999		69000	622
1521	0506	Sheridan SD 48J	YAMHILL	Sheridan 48J	Faulconer-Chapman School				617
1522	0506	McMinnville SD 40	YAMHILL	McMinnville 40	Memorial Elem	1945	1998	52946	585
1523	0506	McMinnville SD 40	YAMHILL	McMinnville 40	Columbus Elem	1993		69600	539
1524	0506	Newberg SD 29J	YAMHILL	Newburg 29J	Mountain View Middle	1976	1994	85153	529
1525	0506	Newberg SD 29J	YAMHILL	Newburg 29J	Mabel Rush Elem	1960	1994	53737	465
1526	0506	Newberg SD 29J	YAMHILL	Newburg 29J	Antonia Crater Elem	1995		58229	443
1527	0506	Yamhill-Carlton SD 1	YAMHILL	Yamhill-Carlton 1	Yamhill-Carlton High (4 bldgs)	1935	1964	64037	438
1528	0506	Newberg SD 29J	YAMHILL	Newburg 29J	Edwards Elam	1929	1990	55058	433
1529	0506	Dayton SD 8	YAMHILL	Dayton 8	Dayton Grade	1951	1963	50402	428
1530	0506	Yamhill-Carlton SD 1	YAMHILL	Yamhill-Carlton 1	Yamhill Grade	1949		59503	425
1531	0506	Willamina SD 30J	YAMHILL	Willamina 30J	Willamina Elem				411
1532	0506	Newberg SD 29J	YAMHILL	Newburg 29J	Dundee Elem	1937	1994	49712	388
1533	0506	McMinnville SD 40	YAMHILL	McMinnville 40	Newby Elem	1961	1998	28006	382
1534	0506	Newberg SD 29J	YAMHILL	Newburg 29J	Joan Austin Elem	2005			377
1535	0506	Yamhill-Carlton SD 1	YAMHILL	Yamhill-Carlton 1	Carlton Elem	1952		39480	350
1536	0506	Dayton SD 8	YAMHILL	Dayton 8	Dayton High	1936	2000	30212	345
1537	0506	Willamina SD 30J	YAMHILL	Willamina 30J	Willamina High	1939	1954	45000	340
1538	0506	Amity SD 4J	YAMHILL	Amity 4J	Amity Elem	1981	1992	42048	335
1539	0506	McMinnville SD 40	YAMHILL	McMinnville 40	Cook Elem	1929	1998	27138	330
1540	0506	McMinnville SD 40	YAMHILL	McMinnville 40	Wascher Elem	1976	1998	54507	318
1541	0506	Amity SD 4J	YAMHILL	Amity 4J	Amity High (3 bldgs)	1914	1965	50797	306
1542	0506	Sheridan SD 48J	YAMHILL	Sheridan 48J	Sheridan High	1948	1963	55700	276
1543	0506	Dayton SD 8	YAMHILL	Dayton 8	Dayton Jr High	1969	2000	35613	258
1544	0506	Willamina SD 30J	YAMHILL	Willamina 30J	Willamina Middle/Grade	1981		94000	201
1545	0506	Amity SD 4J	YAMHILL	Amity 4J	Amity Middle	1935	1992	30468	198
1546	0506	Newberg SD 29J	YAMHILL	Newburg 29J	Ewing Young Elem	1954	1989	22557	185
1547	0506	Sheridan SD 48J	YAMHILL	Sheridan 48J	Sheridan Japanese School				87
1548	0506	Sheridan SD 48J	YAMHILL	Sheridan 48J	Opportunity House				62
1549	0506	Newberg SD 29J	YAMHILL	Newburg 29J	Chehalem Youth & Family Services				18
1550	0506	ODE YCEP District		ODE YCEP District	William P Lord High School				372
1551	0506	ODE YCEP District		ODE YCEP District	Robert S Farell High				183
1552	0506	Oregon Department of Education		Oregon Department of Educati	Oregon School for the Deaf				124
1553	0506	Oregon Department of Education		Oregon Department of Educat	Victory Middle				107
1554	0506	ODE YCEP District		ODE YCEP District	Newbridge High				104
1555	0506	Oregon Department of Education		Oregon Department of Educat	Four Rivers Community				98
1556	0506	ODE JDEP District		ODE JDEP District	Donald E Long School				84
1557	0506	ODE YCEP District		ODE YCEP District	Riverbend Alternative Ed				48
1558	0506	ODE YCEP District		ODE YCEP District	Trask River HS-Camp Tillamook				48
1559	0506	Union-Baker ESD		Union-Baker ESD	Union County Ed Ctr				37
1560	0506	ODE JDEP District		ODE JDEP District	Jackson County Juvenile				31
1561	0506	Umatilla-Morrow ESD		Umatilla-Morrow ESD	Grant Ed Ctr				31
1562	0506	Union-Baker ESD		Union-Baker ESD	Baker County Ed Ctr				30
1563	0506	Oregon Department of Education		Oregon Department of Educat	Oregon School for the Blind				29
1564	0506	ODE JDEP District		ODE JDEP District	NORCOR Education Detention Ctr				28
1565	0506	ODE YCEP District		ODE YCEP District	Ocean Dunes High				26
1566	0506	ODE YCEP District		ODE YCEP District	South Jetty High				26
1567	0506	ODE YCEP District		ODE YCEP District	Trask River HS-TYAC				25
1568	0506	ODE YCEP District		ODE YCEP District	Monroe School				23
1569	0506	ODE JDEP District		ODE JDEP District	COIC Skill Lab				18
1570	0506	ODE JDEP District		ODE JDEP District	Klamath Couty Juvenile				18
1571	0506	ODE JDEP District		ODE JDEP District	Marion County Juvenile				17
1572	0506	ODE YCEP District		ODE YCEP District	Riverside High				17
1573	0506	ODE JDEP District		ODE JDEP District	Lane County Dept of Youth				16
1574	0506	ODE JDEP District		ODE JDEP District	Linn County Juvenile				14
1575	0506	Southern Oregon ESD		Southern Oregon ESD	Brixner Jr High STEPS				14

	School Year	District	County	District	School	Year Built	Year Remod	ODE Sq Ft	2005 Total
1576	0506	Southern Oregon ESD		Southern Oregon ESD	Jacksonville Elem STEPS				14
1577	0506	Southern Oregon ESD		Southern Oregon ESD	Abraham Lincoln STEPS				13
1578	0506	Southern Oregon ESD		Southern Oregon ESD	Griffin Creek STEPS				12
1579	0506	Southern Oregon ESD		Southern Oregon ESD	McCloughlin Middle High STEPS				12
1580	0506	ODE JDEP District		ODE JDEP District	Yamhill County Juvenile				11
1581	0506	Southern Oregon ESD		Southern Oregon ESD	Little Butte Elem STEPS				11
1582	0506	ODE JDEP District		ODE JDEP District	Umatilla County Juvenile				10
1583	0506	Southern Oregon ESD		Southern Oregon ESD	Hedrick Middle STEPS				10
1584	0506	Southern Oregon ESD		Southern Oregon ESD	S Medford High STEPS				10
1585	0506	Southern Oregon ESD		Southern Oregon ESD	Sams Valley Elem STEPS				10
1586	0506	Southern Oregon ESD		Southern Oregon ESD	Transition Site in Eagle Point				10
1587	0506	Southern Oregon ESD		Southern Oregon ESD	Crater High Special Ed				9
1588	0506	Southern Oregon ESD		Southern Oregon ESD	Eagle Pt High STEPS				9
1589	0506	Southern Oregon ESD		Southern Oregon ESD	Stearns Elem STEPS 1				9
1590	0506	Southern Oregon ESD		Southern Oregon ESD	Stearns Elem STEPS 2				9
1591	0506	Southern Oregon ESD		Southern Oregon ESD	North Medford High - STEPS				8
1592	0506	Southern Oregon ESD		Southern Oregon ESD	Transition Site in Phoenix-Talent				8
1593	0506	Southern Oregon ESD		Southern Oregon ESD	Transition Sites in Medford				8
1594	0506	Southern Oregon ESD		Southern Oregon ESD	Transition Site in Klamath County				7
1595	0506	Southern Oregon ESD		Southern Oregon ESD	White Mtn Middle STEPS				6
1596	0506	ODE JDEP District		ODE JDEP District	Young's Bay Education Center				5
1597	0506	ODE JDEP District		ODE JDEP District	Coos County Juvenile				4
1598	0506	ODE JDEP District		ODE JDEP District	Lincoln County Juvenile				4
1599	0506	ODE JDEP District		ODE JDEP District	Mt Nebo Alt Ed				4
1600	0506	Southern Oregon ESD		Southern Oregon ESD	Henley High STEPS				4
1601	0506	Southern Oregon ESD		Southern Oregon ESD	Hoover Elem ABA				4
1602	0506	ODE JDEP District		ODE JDEP District	Josephine County JDC				2
									559,215

Excluded Community College Buildings:

	Campus	BUILDING NAME	OCCUPANCY	YEAR BUILT	MAJOR ADDITIONS	BUILDING AREA (GSF)
1	Blue Mtn	Agriculture Complex	>100	1975	N	9,835
2	Blue Mtn	Health Education	>100	1971	N	8,700
3	Blue Mtn	Maintenance	<100	1980	N	2,400
4	Blue Mtn	Umatilla Annex	<100	1969	N	720
5	Blue Mtn Branch	Baker Modular	<100	U	N	1,240
6	Blue Mtn Branch	Boardman	<100	U	N	3,460
7	Blue Mtn Branch	Hermiston	<250	1975	N	10,400
8	Blue Mtn Branch	Milton-Freewater	>100	1977	Y	8,388
9	Central Oregon	Campus Services	<250	1974	N	1,019
10	Central Oregon	Chandler Bldg.	<250	1974	N	9,770
11	Central Oregon	Deschutes	<250	1964	N	5,174
12	Central Oregon	Jefferson	<250	1964	N	5,122
13	Central Oregon	Maintenance/Physical Plant	<250	1974	N	17,788
14	Central Oregon	Metolius	<250	1965	N	8,402
15	Central Oregon	Modular A	<250	1974	N	1,019
16	Central Oregon	Physiology Lab	<250	1987	N	1,490
17	Central Oregon	Ponderosa Annex	<250	1974	N	1,019
18	Chemeketa	AFS N. Salem and District Office (#0	>250	U	U	40,517
19	Chemeketa	Child Development Center (#039)	<100	U	U	3,000
20	Chemeketa	Classrooms (#030)	<100	U	U	3,610
21	Chemeketa	Construction Skills (#051)	11-100	93/99	U	9,750
22	Chemeketa	Cooperative Child Care (#041)	<100	U	U	1,708
23	Chemeketa	CWE and Placement Services (#017	<100	U	U	3,600
24	Chemeketa	ESL Office/Classrooms (#016)	<100	U	U	4,200
25	Chemeketa	Fire Training Facility (#014)	11-100	1978	U	10,642
26	Chemeketa	Fire Training Tower (#015)	11-100	1985	U	5,521
27	Chemeketa	Food Service (#034)	11-100	1972	U	9,923
28	Chemeketa	Greenhouse (#046)	<100	U	U	3,024
29	Chemeketa	Life Skills Classrooms (#023)	<100	U	U	3,610
30	Chemeketa	Machine Shop (#024)	<250	U	U	5,976
31	Chemeketa	Mail Purchasing/Receiving (#033)	<250	U	U	7,200
32	Chemeketa	Maintenance (#040)	11-100	1972	U	9,200
33	Chemeketa	Math Lab/Classrooms (#037)	<250	U	U	5,280
34	Chemeketa	Mech. Industries (#025)	11-100	1970	U	11,789
35	Chemeketa	Modular (#060)	<100	U	U	1,792
36	Chemeketa	Modular (#061)	<100	U	U	1,792
37	Chemeketa	Modular (#062)	<100	U	U	1,792
38	Chemeketa	Modular Classroom (#031)	<100	U	U	1,080
39	Chemeketa	Modular Classroom (#032)	<100	U	U	3,820
40	Chemeketa	Modular Classroom (#052)	<100	U	U	1,080
41	Chemeketa	Modular Classrooms (#026)	<100	U	U	2,400
42	Chemeketa	Modular Classrooms (#027)	<100	U	U	2,400
43	Chemeketa	Modular Classrooms (#028)	<250	U	U	6,136
44	Chemeketa	Northwest Center (#049)	<250	U	U	9,916
45	Chemeketa	Office/Classrooms (#019)	<100	U	U	3,120
46	Chemeketa	Paint Shop/Maintenance (#042)	<100	U	U	2,561
47	Chemeketa	Pole Building (#044)	<100	U	U	1,250
48	Chemeketa	Red Barn (#054)	<100	U	U	1,382
49	Chemeketa	Staff Offices (#018)	<100	U	U	1,920
50	Chemeketa	Staff Offices (#020)	<250	U	U	6,670
51	Chemeketa	Staff Offices (#036)	<100	U	U	3,000
52	Chemeketa	Staff Offices (#038)	<100	U	U	4,320
53	Chemeketa	Staff Offices/Classrooms (#029)	<100	U	U	4,834
54	Chemeketa	Storage (#047)	<100	U	U	1,352
55	Chemeketa	Support Services (#043)	<250	U	U	9,506
56	Chemeketa	White Barn (#0055)	<100	U	U	1,800
57	Chemeketa	Writing Center (#035)	<100	U	U	3,016
58	Chemeketa-Branch	Downtown Learning Center	<100	U	U	3,780
59	Chemeketa-Branch	McMinnville bldg 1 (#101)	11-100	1982	U	7,200
60	Chemeketa-Branch	McMinnville bldg 2 (#102)	11-100	U	U	7,200
61	Chemeketa-Branch	McMinnville Lease Property (#160)	>250	1993	U	65,000
62	Chemeketa-Branch	TED Center	<100	U	U	4,495
63	Chemeketa-Branch	Woodburn Center - Harrison	<100	U	U	4,998
64	Chemeketa-Branch	Woodburn IV - Modular	<100	U	U	912
65	Clackamas	Env. Learning Center	<250	1985	U	1,248
66	Clackamas	Env. Learning Center	<250	1978	U	931
67	Clackamas	Greenhouses and Hoop House	U	U	U	U
68	Clackamas	Lewelling Building	<10	1968	U	U
69	Clackamas	*Lindsley House*	U	U	U	U
70	Clackamas	Rainbow Building	<10	U	U	U
71	Clackamas	*Robbins House*	U	U	U	U
72	Clackamas	Streeter Annex	<250	2003	U	7,000
73	Clatsop	Foundation	<100	1931	U	2,280
74	Clatsop	Maintenance/Physical Plant	>100	1962	N	6,000
75	Clatsop	South County Ctr.	<100	1993	U	2,755
76	Columbia Gorge	Bldg. 3-Instruction	<250	1932	U	8,379

Included Community College Buildings:

	Campus	BUILDING NAME	OCCUPANCY	YEAR BUILT	MAJOR ADDITIONS	BUILDING AREA (GSF)
1	Blue Mtn	Emigrant Hall	>250	1986	N	10,600
2	Blue Mtn	McCrae Activity Center	>250	1976	N	50,786
3	Blue Mtn	Morrow Hall	>250	1964	Y	39,214
4	Blue Mtn	Pioneer Hall	>250	1970	Y	64,052
5	Blue Mtn	Science and Technology	>250	2000	N	29,344
6	Blue Mtn	Umatilla Hall	>250	1969	N	34,398
7	Central Oregon	Bookstore	>250	1994	N	10,400
8	Central Oregon	Boyle Education Center	>250	1989	N	38,454
9	Central Oregon	Cascades Hall	>250	2002	N	38,245
10	Central Oregon	Grandview	>250	1964	Y	25,722
11	Central Oregon	Juniper H.	<250	1967	N	19,630
12	Central Oregon	Library	>250	1997	N	72,250
13	Central Oregon	Mazama	>250	1971	N	36,114
14	Central Oregon	Modoc (Old Library)	>250	1966	N	16,389
15	Central Oregon	Ochoco	>250	1964	Y	33,050
16	Central Oregon	Pence	>250	1967	Y	11,908
17	Central Oregon	Pinckney Ctr.	>250	1983	N	14,931
18	Central Oregon	Pioneer Hall	>250	1976	N	24,752
19	Central Oregon	Ponderosa	>250	1971	N	31,334
20	Central Oregon-Redmo	College Center - Redmond	<250	1997	U	11,311
21	Central Oregon-Redmo	MATL - Redmond	>250	2001	U	27,000
22	Central Oregon-Redmo	One Stop Building - Redmond	<250	1998	U	13,788
23	Chemeketa	Admin/Classrooms (#022)	101-1000	1993	U	26,575
24	Chemeketa	Bldg 50 (#050)	101-1000	1990	U	45,098
25	Chemeketa	Bookstore/Staff (#001)	101-1000	1993	U	26,575
26	Chemeketa	Health Sciences (#008)	101-1000	1978	U	71,340
27	Chemeketa	Learning Resource (#009)	101-1000	1999	U	74,672
28	Chemeketa	Maps Credit Union (#048)	101-1000	1993	U	17,150
29	Chemeketa	Phase I/Classrooms (#003)	101-1000	1972	U	75,022
30	Chemeketa	Phase III/Counceling (#002)	101-1000	1976	U	83,218
31	Chemeketa	Physical Education (#007)	101-1000	1981	U	67,826
32	Chemeketa	Technical Skills (#005)	101-1000	1975	U	29,451
33	Chemeketa	Technology Building (#006)	>250	1999	U	36,112
34	Chemeketa	Wilmeth Trade (#004)	101-1000	1975	U	59,378
35	Chemeketa-Branch	Dallas Academy (#107)	101-1000	1989	U	21,651
36	Chemeketa-Branch	EOLA - Viticulture	>250	2003	U	12,613
37	Chemeketa-Branch	Santiam Center (#104)	101-1000	1992	U	22,521
38	Chemeketa-Branch	Woodburn Center - Lincoln St	>250	2003	U	28,000
39	Clackamas	Art Center	<250	1950	U	11,648
40	Clackamas	Barlow Hall	>250	1970	U	100,819
41	Clackamas	CCC-Harmony Rd	>250	1901	U	27,442
42	Clackamas	CCC-Wilsonville	<250	1991	U	50,000
43	Clackamas	Clairmont Hall	>250	1969	U	30,150
44	Clackamas	Community Center	>250	1975	U	29,000
45	Clackamas	DeJardin Hall	>250	2003	U	18,700
46	Clackamas	Dye Learning Center	>250	1992	U	29,215
47	Clackamas	Family Res. Center	>250	1992	U	16,994
48	Clackamas	Gregory Forum	>250	1992	U	10,200
49	Clackamas	McLoughlin Hall	>250	1972	U	53,900
50	Clackamas	Niemeyer Center	>250	2004	U	46,370
51	Clackamas	Pauling Center	>250	1981	U	40,430
52	Clackamas	Randall Hall	>250	1972	U	60,000
53	Clackamas	Roger Rook Hall	>250	2003	U	30,000
54	Clackamas	Streeter Hall	>250	1991	U	15,757
55	Clackamas	Training Center	>250	1994	U	18,385
56	Clatsop	Art Center	>250	1979	N	16,534
57	Clatsop	Badollet Library	>250	1965	N	17,900
58	Clatsop	Fertig Hall	>250	1965	N	17,032
59	Clatsop	Industrial and Manufacturing T	>250	1998	U	30,000
60	Clatsop	Maritime Science Department	>250	1996	U	13,600
61	Clatsop	Patriot/Towler Hall	>250	1940	Y	37,708
62	Columbia Gorge	Bldg. 1-Instruction	>250	1963	N	77,386
63	Columbia Gorge	Bldg. 2-Administration	>250	1929	N	46,420
64	Klamath	Building 3	250	~1935	N	16,000
65	Klamath	Building 4	750	2000	N	16,000
66	Lane	Administration	>250	1968	N	17,907
67	Lane	Air Technology	>250	1968	N	35,014
68	Lane	Art/GED	>250	1970	N	47,636
69	Lane	Auto/Diesel Technology	>250	1968	N	37,529
70	Lane	Business	>250	1968	N	21,045
71	Lane	Campus Services	>250	1975	Y	42,246
72	Lane	College Center	>250	1967	N	176,664
73	Lane	Electronics	>100	1968	Y	18,414
74	Lane	Forum	>250	1968	N	24,520
75	Lane	Health Technology	>250	1968	N	48,482
76	Lane	Industrial Technology	>250	1968	N	20,921

Excluded Community College Buildings:

	Campus	BUILDING NAME	OCCUPANCY	YEAR BUILT	MAJOR ADDITIONS	BUILDING AREA (GSF)
77	Columbia Gorge	Bldg. 4-Instruction	<250	1938	N	7,143
78	Columbia Gorge	*Bldg. 5 - Future Building*	U	U	U	U
79	Columbia Gorge	Bldg. 6-Dormitory	<250	1949	U	32,148
80	Columbia Gorge	Bldg. 7-Residence	<250	1949	U	3,352
81	Columbia Gorge	Bldg. 8-Residence	<250	1938	U	3,147
82	Columbia Gorge	Bldg. 9-Residence	<250	1929	U	3,077
83	Columbia Gorge	Bldg.10-Residence	<250	1954	U	2,004
84	Columbia Gorge	Bldg.11-Storage	<250	1936	U	10,472
85	Columbia Gorge	Bldg.12-Maintenance	<250	1971	U	4,800
86	Klamath	Building 1	120	~1935	N	4,000
87	Klamath	Building 2	120	~1935	N	4,000
88	Klamath	Building 5	8	New	N	2,400
89	Lane	Apprenticeship Annex	<100	1977	U	3,432
90	Lane	Chemical Storage	<100	1993	U	297
91	Lane	Childcare Center #1	<100	2000	U	2,967
92	Lane	Childcare Center #2	<100	2000	U	3,273
93	Lane	Childcare Center #3	>100	2000	U	6,270
94	Lane	Childcare Center #4	<100	2000	U	4,264
95	Lane	Comminutor Shed	<100	2000	U	660
96	Lane	Cooling Tower	<100	1968	U	1,752
97	Lane	Electronic Annex	>100	1996	U	6,720
98	Lane	FM&P Nursery	<100	2002	U	1,500
99	Lane	FM&P Storage	<100	2000	U	2,240
100	Lane	Greenhouse	<100	1968	U	240
101	Lane	Old Day Care Modular	<100	1989	U	1,848
102	Lane	PA Storage	<100	1977	U	2,890
103	Lane	PE Storage	<100	1977	U	1,430
104	Lane	Test Cells	<100	1968	U	3,100
105	Lane-Branch	Aviation Maint. Training	>250	1995	U	23,400
106	Lane-Branch	Churchill CLC	<100	1999	U	2,523
107	Lane-Branch	Cottage Grove Ctr(old)	>100	1984	U	7,900
108	Lane-Branch	Elmira CLC	<100	2000	U	2,896
109	Lane-Branch	Flight Tech Center	>100	1989	U	5,049
110	Lane-Branch	Flight Tech Hanger	<100	1989	U	3,900
111	Lane-Branch	Flight Tech Operations	<100	1940	U	3,640
112	Lane-Branch	Junction City CLC	<100	2000	U	2,820
113	Lane-Branch	McKenzie CLC	<100	2000	U	2,893
114	Lane-Branch	Oakridge CLC	<100	1999	U	2,720
115	Lane-Branch	Siltcoos Station	<100	1974	U	2,570
116	Lane-Branch	Thurston CLC	<100	1999	U	3,503
117	Lane-Branch	Willamette CLC	<100	1999	U	2,527
118	Linn-Benton	Industrial B	11-100	1973	U	U
119	Linn-Benton	Industrial C	11-100	1978	U	U
120	Linn-Benton-Branch	Horse Center	U	U	U	U
121	Mt Hood	GE Annex	U	U	U	U
122	Mt Hood	Multnomah Cable Access	<100	1984	N	5,000
123	Mt Hood	Offices/Locker rms.	U	U	U	U
124	Mt Hood	Visual Arts Center	U	U	U	U
125	Oregon Coast	North County Center	<100	U	U	U
126	Portland-Cascade	Portables	>100	1997	U	5,600
127	Portland-Cascade	Public Safety	5	1940	U	U
128	Portland-Rock Creek	Building 1	<100	1976	U	16,200
129	Portland-Rock Creek	Building 4	40 +/-	1993	N	2,640
130	Portland-Rock Creek	Building Construction	U	U	U	U
131	Portland-Rock Creek	Greenhouses	U	1993	U	5,400
132	Portland-Rock Creek	Pole Barn	U	2004	U	U
133	Portland-Rock Creek	Shade House	U	2006	U	U
134	Portland-Sylvania	Heat Plant	0-10	1968	N	13,999
135	Rogue-Redwood	Building A - Redwood	57	1965	U	1,710
136	Rogue-Redwood	Building B - Redwood	45	1965	U	1,455
137	Rogue-Redwood	Building C - Redwood	18	1965	U	1,859
138	Rogue-Redwood	Building D (Manufacture) - Redwood	56	1984	U	7,237
139	Rogue-Redwood	Building E (Science) - Redwood	153	1982	N	9,450
140	Rogue-Redwood	Building F - Redwood	36	1965	U	3,037
141	Rogue-Redwood	Building G - Redwood	143	1965	U	3,325
142	Rogue-Redwood	Building H - Redwood	141	1965	U	4,425
143	Rogue-Redwood	Building I - Redwood	170	1965	U	3,310
144	Rogue-Redwood	Building J - Redwood	171	1965	U	3,330
145	Rogue-Redwood	Building K - Redwood	118	1965	U	3,097
146	Rogue-Redwood	Building L - Redwood	98	1965	U	5,356
147	Rogue-Redwood	Building M - Redwood	95	1965	U	4,497
148	Rogue-Redwood	Building N - Redwood	50	1965	U	2,558
149	Rogue-Redwood	Building O (Facilities) - Redwood	14	1965	U	3,885
150	Rogue-Redwood	Building P - Redwood	35	1965	U	1,081
151	Rogue-Redwood	Building Q - Redwood	9	1965	U	1,041
152	Rogue-Redwood	Building R - Redwood	236	1975	U	3,615

Included Community College Buildings:

	Campus	BUILDING NAME	OCCUPANCY	YEAR BUILT	MAJOR ADDITIONS	BUILDING AREA (GSF)
77	Lane	Machine Technology	>250	1970	N	59,658
78	Lane	Performing Arts	>250	1975	Y	48,156
79	Lane	Physical Ed. Complex	>250	1968	N	87,992
80	Lane	Science	>250	1968	Y	91,655
81	Lane	Student Services	>250	2001	U	37,477
82	Lane	Welding Technology	>250	2000	U	20,593
83	Lane	Workforce Training Center/Ap	>250	1968	Y	87,888
84	Lane-Branch	Cottage Grove Ctr (new)	>250	1996	U	18,613
85	Lane-Branch	Downtown Center	>250	1977	N	56,508
86	Lane-Branch	Florence Center	>250	1976	U	15,827
87	Lane-Branch	Wildish Building	>250	1995	U	12,950
88	Linn-Benton	Activity Center	101-1000	1975	U	40,774
89	Linn-Benton	Business	U	U	U	U
90	Linn-Benton	College Center	101-1000	1973	U	54,591
91	Linn-Benton	Health Occupations	101-1000	1973	U	16,698
92	Linn-Benton	Industrial A	101-1000	1973	U	66,913
93	Linn-Benton	Learning Resource Ctr.	101-1000	1973	U	34,038
94	Linn-Benton	Luckiamute Center	>100	2004	U	U
95	Linn-Benton	Science and Technology	101-1000	1973	U	32,658
96	Linn-Benton	Service Ctr.	11-100	1973	U	12,423
97	Linn-Benton	South Santium Hall	>100	1973	U	U
98	Linn-Benton	Student Union Bldg.	101-1000	1973	U	17,716
99	Linn-Benton	Takena Hall	101-1000	1979	U	50,387
100	Linn-Benton-Branch	Benton Center orig built 1923	>250	2004	U	U
101	Linn-Benton-Branch	Lebanon Center	>250	2002	U	U
102	Linn-Benton-Branch	Sweet Home Center	U	U	U	U
103	Mt Hood	Academic Center	>250	1970	Y	421,365
104	Mt Hood	Bruning Center for Allied Heal	>250	1976	N	63,054
105	Mt Hood	Aquatic Center	>250	1976	N	27,500
106	Mt Hood	Child Development Center	U	U	U	U
107	Mt Hood	GE Building	U	U	U	U
108	Mt Hood	Gymnasium	>250	1968	N	69355
109	Mt Hood	Horticulture and Fisheries	<250	1975	N	12,200
110	Mt Hood	Industrial Technology	>250	1968	N	45748
111	Mt Hood	Maywood	U	U	U	U
112	Mt Hood	Visual Art Center Theatre	U	U	U	U
113	Mt Hood	Warehouse/Graphics Addition	>250	1982	N	56,600
114	Portland-Cascade	Gymnasium	>250	2004	U	31,882
115	Portland-Cascade	Jackson Hall	1,100 +/-	1985	Y	26,302
116	Portland-Cascade	Library Addition	>250	1994	U	34,000
117	Portland-Cascade	Moriarty Arts and Humanities	U	U	U	U
118	Portland-Cascade	Old Terrell Hall	>100	1920's	U	9,600
119	Portland-Cascade	Public Service	450 +/-	2003	U	28,400
120	Portland-Cascade	Student Center	1,500 +/-	1965	Y	22,563
121	Portland-Cascade	Student Services	600 +/-	1996	U	34,000
122	Portland-Cascade	Tech. Ed.	1,600 +/-	2004	U	50,500
123	Portland-Cascade	Terrell Hall	1,200 +/-	75/89	Y	35,642
124	Portland-Rock Creek	Building 2	2,000 +/-	1976	N	179,947
125	Portland-Rock Creek	Building 3	1,200 +/-	1976	N	80,877
126	Portland-Rock Creek	Building 5	1,400 +/-	1982	N	47,067
127	Portland-Rock Creek	Building 6 (hanger)	500 +/-	1979	Y	32,692
128	Portland-Rock Creek	Building 7	2,500 +/-	1996	U	62,500
129	Portland-Rock Creek	Building 7 Addition	U	2004	U	36,000
130	Portland-Rock Creek	Building 9 Lib/Stud Serv	1,500 +/-	2004	U	72,000
131	Portland-Sylvania	Automotive/Metals	300 +/-	1968	N	71,667
132	Portland-Sylvania	Bookstore	200 +/-	1995	U	26,000
133	Portland-Sylvania	College Center	1,200 +/-	1970	Y	181,582
134	Portland-Sylvania	Communication Tech.	800 +/-	1972	N	80,110
135	Portland-Sylvania	Health Tech.	3,000 +/-	1972	N	199,612
136	Portland-Sylvania	LRC	300 +/-	1994	U	65,165
137	Portland-Sylvania	Science and Tech.	850 +/-	1968	N	75,321
138	Portland-Sylvania	Sculpture Studio	U	2004	U	U
139	Portland-Sylvania	Social Sci. and Tech.	950 +/-	1968	N	61,899
140	Portland-Sylvania	South Classroom B.	300 +/-	1997	U	10,600
141	Portland-Sylvania	Technology Classroom	500 +/-	2004	U	46,394
142	Rogue-Redwood	Building U (Gym) - Redwood	494	1965	N	12,365
143	Rogue-Redwood	Café - Redwood	392	1965	U	10,292
144	Rogue-Redwood	Coats Hall - Redwood	417	1988	N	18,673
145	Rogue-Redwood	Firehouse Art Ctr./Small Bus.	>250	1912	N	16,000
146	Rogue-Redwood	Wiseman Tutoring Ctr. - Redw	414	1978	N	20,147
147	Rogue-Riverside	(Wards) G Building - Riverside	1,070	1928	N	34,125
148	Rogue-Riverside	Building A - Riverside	263	1946	N	13,980
149	Rogue-Riverside	Building B - Riverside	294	1939	N	13,373
150	Rogue-Riverside	Building D - Riverside	285	1968	U	8,673
151	Rogue-Riverside	K Building - Riverside	303	1940	U	8,565
152	Rogue-Table Rock	Crater Lake Center	347	U	U	12,682

Excluded Community College Buildings:

	Campus	BUILDING NAME	OCCUPANCY	YEAR BUILT	MAJOR ADDITIONS	BUILDING AREA (GSF)
153	Rogue-Redwood	Building S (Automotive) - Redwood	152	1976	U	11,256
154	Rogue-Redwood	Building T - Redwood	111	1973	U	2,585
155	Rogue-Redwood	Building V - Redwood	41	1965	U	12,365
156	Rogue-Redwood	Building Y (Welding) - Redwood	117	1982	U	10,700
157	Rogue-Redwood	Facilities Office - Redwood	17	1965	U	978
158	Rogue-Redwood	IVLC - Redwood	160	1946	U	10,604
159	Rogue-Redwood	Josephine Building - Redwood	83	1965	U	3,274
160	Rogue-Redwood	Josephine Pod 1 - Redwood	17	1995	U	960
161	Rogue-Redwood	Josephine Pod 2 - Redwood	23	1995	U	857
162	Rogue-Redwood	Student Services - Redwood	75	1978	U	4,747
163	Rogue-Riverside	Building C - Riverside	47	1944	U	3,568
164	Rogue-Riverside	Building E - Riverside	152	1949	N	4,229
165	Rogue-Riverside	Building F - Riverside	145	1949	N	4,708
166	Rogue-Riverside	H Building - Riverside	175	1951	N	3,500
167	Southwest Or	B-2	U	U	U	U
168	Southwest Or	B-3 Storage	U	U	U	U
169	Southwest Or	*Cape Arago*	U	U	U	U
170	Southwest Or	*Cape Blanco*	U	U	U	U
171	Southwest Or	*Cape Meares*	U	U	U	U
172	Southwest Or	*Coquille River*	U	U	U	U
173	Southwest Or	Dellwood Hall	<100	1965	N	9,375
174	Southwest Or	*Desdemona Sands*	U	U	U	U
175	Southwest Or	Family Center	U	1997	U	U
176	Southwest Or	Farm Svc/Child Care	U	U	U	U
177	Southwest Or	Field House	U	U	U	U
178	Southwest Or	Fire Science	U	U	U	U
179	Southwest Or	Fire Tower	U	U	U	U
180	Southwest Or	*Heceta Head*	U	U	U	U
181	Southwest Or	Lampa Hall	U	1982	U	U
182	Southwest Or	*Lighthouse Depot*	U	1997	U	U
183	Southwest Or	*North Head*	U	U	U	U
184	Southwest Or	Offices	U	U	U	U
185	Southwest Or	Plant Svc/Maint.	U	1965	U	U
186	Southwest Or	*Point Adams*	U	U	U	U
187	Southwest Or	*St. George Reef*	U	U	U	U
188	Southwest Or	Sumner Hall	<100	1982	N	8,440
189	Southwest Or	Sunset Hall	U	1982	U	U
190	Southwest Or	*Tillamook Rock*	U	U	U	U
191	Southwest Or	Umpqua Hall	<100	1964	N	11,680
192	Southwest Or	*Umpqua River*	U	U	U	U
193	Southwest Or	*Warrior Rock*	U	U	U	U
194	Southwest Or	*Willamette River*	U	U	U	U
195	Southwest Or	*Yaquina Head*	U	U	U	U
196	Tillamook Bay	TBCC Bay City	40	1960	N	3,432
197	Tillamook Bay	TBCC First Street	57	1948	N	11,800
198	Tillamook Bay	TBCC, Wilson	65	1930	N	7,336
199	Treasure Valley	Albertson Center	210	1970	U	7,173
200	Treasure Valley	Art Building	127	1947	N	5,467
201	Treasure Valley	Burns Outreach Center	U	U	U	U
202	Treasure Valley	ITC Computer Lab	44	1967	U	1,250
203	Treasure Valley	Lakeview Outreach Center	U	U	U	U
204	Treasure Valley	Maintenance/Print Shop	152	1974	N	15,260
205	Treasure Valley	Owyhee Dormitory	271	1968	U	19,360
206	Treasure Valley	Residence Hall		2006		
207	Treasure Valley	Student Services	48	1996	U	6,944
208	Treasure Valley	Voc-Tech Building	206	1965	N	14,779
209	Treasure Valley	Workforce Training Ctr.	206	1980	N	4,788
210	Umpqua	Administration Bldg.	11-100	1967	U	U
211	Umpqua	Ford Family Center	U	New	U	U
212	Umpqua	Jackson Hall	101-1000	1970	U	8,876
213	Umpqua	Lockwood Hall	11-100	1969	U	U
214	Umpqua	Snyder Hall	101-1000	1966	U	7,164
215	Umpqua	Technology Center	U	New	U	U
216	Umpqua	Warehouse	11-100	1972	U	U

Included Community College Buildings:

	Campus	BUILDING NAME	OCCUPANCY	YEAR BUILT	MAJOR ADDITIONS	BUILDING AREA (GSF)
153	Rogue-Table Rock	Table Rock Campus	2,019	1979	Y	105,230
154	Rogue-Table Rock	Workforce Training Ctr.	348	1942	N	13,627
155	Southwest Or	Coaledo Hall	>250	1965	N	9,800
156	Southwest Or	Eden Hall	U	1982	U	U
157	Southwest Or	Empire Hall (PAC)	>250	1980	Y	17,189
158	Southwest Or	Fairview Hall	U	1982	U	U
159	Southwest Or	Newmark Center	U	1996	U	U
160	Southwest Or	Prosper Hall	>250	1967	N	25,835
161	Southwest Or	Randolph Hall	>250	1964	N	12,836
162	Southwest Or	Sitkum Hall	>250	1965	N	10,240
163	Southwest Or	Stensland Hall	U	1995	U	U
164	Southwest Or	Tioga Hall	>250	1969	N	56,144
165	Treasure Valley	Administration Bldg.	840	1965	N	24,021
166	Treasure Valley	Easley Memorial Gymnasium	2000	1968	N	45,585
167	Treasure Valley	Four Rivers Cultural Ctr.	297	1996	U	8,472
168	Treasure Valley	Malheur Dormitory	271	1968	N	19,360
169	Treasure Valley	Oregon Trail Building	299	1965	N	8,549
170	Treasure Valley	Tech Lab Building	345	1970	N	9,856
171	Treasure Valley	Weese Building	333	1966	N	23,788
172	Umpqua	Campus Center	101-1000	1970	U	25,200
173	Umpqua	Ed. Skills Building	101-1000	1979	U	10,813
174	Umpqua	Gym/PE Complex	101-1000	1970	U	17,068
175	Umpqua	Jacoby Auditorium	1000+	1970	U	26,849
176	Umpqua	Library	>100	1967	U	U
177	Umpqua	Science	101-1000	1966	U	13,071
178	Umpqua	Wayne Crooch Hall	101-1000	1968	U	13,504
179	Umpqua	Whipple Fine Arts	>250	1979	U	U

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Malh_sch10	Malh_sch10A	Adrian SD 61	Adrian Elementary School	Moderate	1949		1950	31,672	152	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Yamh_sch24	Yamh_sch24A	Amity SD 4J	Amity Elementary School	High	1983		1980	42,048	335	Medium-yes	Medium-yes	RVS2006	D	PC1	1.5					PC1	1.5	Moderate (>1%)
Yamh_sch24	Yamh_sch24B	Amity SD 4J	Amity Elementary School	High	1983	1983	1980	42,048	335	Medium-yes	Medium-yes	RVS2006	D	PC1	1.5	W2	2.9			PC1	1.5	Moderate (>1%)
Yamh_sch24	Yamh_sch24C	Amity SD 4J	Amity Elementary School	High	1983	1983	1980	42,048	335	Medium-yes	Medium-yes	RVS2006	D	PC1	1.5	W2	2.9			PC1	1.5	Moderate (>1%)
Yamh_sch29	Yamh_sch29A	Amity SD 4J	Amity High School	High	1965	1965	1960	50,797	306	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Yamh_sch29	Yamh_sch29B	Amity SD 4J	Amity High School	High	1965	1965	1960	50,797	306	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Yamh_sch32	Yamh_sch32A	Amity SD 4J	Amity Middle School	High	1935	1935	1930	30,468	198	Medium-yes	Medium-yes	RVS2006	D	W2	(0.5)					W2	(0.5)	Very High (100%)
Yamh_sch32	Yamh_sch32B	Amity SD 4J	Amity Middle School	High	1935	1935	1930	30,468	198	Medium-yes	Medium-yes	RVS2006	D	W2	(0.5)					W2	(0.5)	Very High (100%)
Yamh_sch32	Yamh_sch32C	Amity SD 4J	Amity Middle School	High	1935	1953	1950	30,468	198	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Gill_sch02	Gill_sch02A	Arlington SD 3	Arlington Elementary School	Moderate	1963		1960	29,359	80	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)	S1	0.1	W2	0.1	RM1	(0.1)	Very High (100%)
Gill_sch02	Gill_sch02B	Arlington SD 3	Arlington Elementary School	Moderate	1963		1960	29,359	80	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Gill_sch03	Gill_sch03A	Arlington SD 3	Arlington High School	Moderate	1952		1950	29,359	44	Medium-yes	Medium-yes	RVS2006	C	W2	0.5					W2	0.5	High (>10%)
Gill_sch03	Gill_sch03B	Arlington SD 3	Arlington High School	Moderate	1952		1950		44	Medium-yes	Medium-yes	RVS2006	C	C2	0.3	W2	0.5			C2	0.3	High (>10%)
Jack_sch07	Jack_sch07A	Ashland SD 5	Ashland High School	Moderate	1969	1969	1960	238,735	1,123			SER & RVS2006	C	RM1	2.8					RM1	2.8	Low (<1%)
Jack_sch07	Jack_sch07B	Ashland SD 5	Ashland High School	Moderate	1969		1970	238,735	1,123	Medium-yes	Medium-yes	SER & RVS2006	C	C1	(0.1)	RM2	0.8			C1	(0.1)	Very High (100%)
Jack_sch07	Jack_sch07C	Ashland SD 5	Ashland High School	Moderate	1969		1960	238,735	1,123	Medium-yes	Medium-yes	SER & RVS2006	C	W2	0.5					W2	0.5	High (>10%)
Jack_sch07	Jack_sch07D	Ashland SD 5	Ashland High School	Moderate	1969		1960	238,735	1,123	Medium-yes	Medium-yes	SER & RVS2006	C	C2	0.3					C2	0.3	High (>10%)
Jack_sch07	Jack_sch07E	Ashland SD 5	Ashland High School	Moderate	1969		1980	238,735	1,123		Medium-yes	SER & RVS2006	C	S3	2.7					S3	2.7	Low (<1%)
Jack_sch07	Jack_sch07F	Ashland SD 5	Ashland High School	Moderate	1969		1970	238,735	1,123			SER & RVS2006	C	RM1	2.8					RM1	2.8	Low (<1%)
Jack_sch07	Jack_sch07G	Ashland SD 5	Ashland High School	Moderate	1969		1960	238,735	1,123	Medium-yes	Medium-yes	SER & RVS2006	C	RM1	0.3	W2	0.5			RM1	0.3	High (>10%)
Jack_sch07	Jack_sch07H	Ashland SD 5	Ashland High School	Moderate	1969		1970	238,735	1,123	Medium-yes	Medium-yes	SER & RVS2006	C	RM1	0.3	W2	0.5			RM1	0.3	High (>10%)
Jack_sch06	Jack_sch06A	Ashland SD 5	Ashland Middle School	Moderate	1998			176,563	714			NEW	C	C2	4.4					C2	4.4	Low (<1%)
Jack_sch03	Jack_sch03A	Ashland SD 5	Bellview Elementary School	Moderate	1952			37,744	276			SER	C	C2	0.3					C2	0.3	High (>10%)
Jack_sch05	Jack_sch05A	Ashland SD 5	Walker Elementary School	Moderate	1948			43,108	382			SER	C	C2	0.3					C2	0.3	High (>10%)
Clat_sch12	Clat_sch12A	Astoria SD 1	Astor Elementary School	Very High	1925	1925	1920	64,575	432	Medium-yes	Medium-yes	RVS2006	B	C2	0.3					C2	0.3	High (>10%)
Clat_sch12	Clat_sch12B	Astoria SD 1	Astor Elementary School	Very High	1925		1950	64,575	432	Medium-yes	Medium-yes	RVS2006	B	C2	1.3	W2	1.3			C2	1.3	Moderate (>1%)
Clat_sch12	Clat_sch12C	Astoria SD 1	Astor Elementary School	Very High	1925		1950	64,575	432	Medium-yes		RVS2006	B	W2	1.8					W2	1.8	Moderate (>1%)
Clat_sch13	Clat_sch13A	Astoria SD 1	Astoria Middle School	Very High	1968	1968	1960	108,150	301	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Clat_sch01	Clat_sch01A	Astoria SD 1	Astoria Senior High School	Very High	1957	1957	1950	120,400	747	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Clat_sch01	Clat_sch01B	Astoria SD 1	Astoria Senior High School	Very High	1957	1957	1950	120,400	747		Medium-yes	RVS2006	B	C2	2.3					C2	2.3	Low (<1%)
Clat_sch01	Clat_sch01C	Astoria SD 1	Astoria Senior High School	Very High	1957	1957	1950	120,400	747	Medium-yes	Medium-yes	RVS2006	B	C2	1.3					C2	1.3	Moderate (>1%)
Clat_sch01	Clat_sch01D	Astoria SD 1	Astoria Senior High School	Very High	1957	1957	1950	120,400	747	Medium-yes	Medium-yes	RVS2006	B	C2	1.3	RM1	1.3			C2	1.3	Moderate (>1%)
Clat_sch01	Clat_sch01E	Astoria SD 1	Astoria Senior High School	Very High	1957	1957	1950	120,400	747	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	RM1	0.9			C2	0.9	High (>10%)
Clat_sch14	Clat_sch14A	Astoria SD 1	Gray Elementary School	Very High	1925	1925	1920	60,500	131	Medium-yes	Medium-yes	RVS2006	B	C2	0.3					C2	0.3	High (>10%)
Clat_sch14	Clat_sch14B	Astoria SD 1	Gray Elementary School	Very High	1925		1950	60,500	131	Medium-yes	Medium-yes	RVS2006	B	C2	1.3					C2	1.3	Moderate (>1%)
Clat_sch02	Clat_sch02A	Astoria SD 1	Lewis & Clark Elementary	Very High	2002							NEW	C									Low (<1%)
Umat_sch31	Umat_sch31A	Athena-Weston SD 29F	Athena-Weston Middle School	Moderate	1927	1927	1920	73,905	133	Medium-yes	Medium-yes	RVS2006	B	URM	1.0					URM	1.0	High (>10%)
Umat_sch31	Umat_sch31B	Athena-Weston SD 29F	Athena-Weston Middle School	Moderate	1927		1950		133	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1					RM1	1.1	Moderate (>1%)
Umat_sch31	Umat_sch31C	Athena-Weston SD 29F	Athena-Weston Middle School	Moderate	1927		1960		133	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1					RM1	1.1	Moderate (>1%)
Umat_sch23	Umat_sch23A	Athena-Weston SD 29F	Weston-McEwen High School	Moderate	1949		1940	39,359	235	Medium-yes	Medium-yes	RVS2006	C	C2	0.3	URM	1.0			C2	0.3	High (>10%)
Umat_sch23	Umat_sch23B	Athena-Weston SD 29F	Weston-McEwen High School	Moderate	1949		1940		235	Medium-yes	Medium-yes	RVS2006	C	C2	0.3					C2	0.3	High (>10%)
Umat_sch23	Umat_sch23C	Athena-Weston SD 29F	Weston-McEwen High School	Moderate	1949		1960		235	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Bake_sch03	Bake_sch03A	Baker SD 5J	Baker High School	Moderate	1950	1991	1990	126,904	647	Medium-yes	Medium-yes	RVS2006	D	W2	1.7					W2	1.7	Moderate (>1%)
Bake_sch03	Bake_sch03B	Baker SD 5J	Baker High School	Moderate	1950		1980	126,904	647	Medium-yes	Medium-yes	RVS2006	D	W2	1.7					W2	1.7	Moderate (>1%)
Bake_sch03	Bake_sch03C	Baker SD 5J	Baker High School	Moderate	1950		1960	126,904	647	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)					C2	(0.1)	Very High (100%)
Bake_sch03	Bake_sch03D	Baker SD 5J	Baker High School	Moderate	1950		1950	126,904	647	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)					C2	(0.1)	Very High (100%)
Bake_sch03	Bake_sch03E	Baker SD 5J	Baker High School	Moderate	1950		1950	126,904	647		Medium-yes	RVS2006	D	C2	1.9					C2	1.9	Moderate (>1%)
Bake_sch03	Bake_sch03F	Baker SD 5J	Baker High School	Moderate	1950		1960	126,904	647		Medium-yes	RVS2006	D	C2	1.9					C2	1.9	Moderate (>1%)
Bake_sch06	Bake_sch06A	Baker SD 5J	Baker Middle School	Moderate	1916		1920	54,000	350	Medium-yes	Medium-yes	RVS2006	D	URM	0.2					URM	0.2	High (>10%)
Bake_sch06	Bake_sch06B	Baker SD 5J	Baker Middle School	Moderate	1916	1916	1910	54,000	350	Medium-yes	Medium-yes	RVS2006	D	URM	0.2					URM	0.2	High (>10%)
Bake_sch07	Bake_sch07A	Baker SD 5J	Brooklyn Elementary School	Moderate	1955	1955	1950	32,812	316	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	C2	(0.1)	RM1	(0.1)	C2	(0.1)	Very High (100%)
Bake_sch08	Bake_sch08A	Baker SD 5J	Haines Elementary School	Moderate	1911		1910	17,500	75	Medium-yes		RVS2006	D	URM	0.7					URM	0.7	High (>10%)
Bake_sch01	Bake_sch01A	Baker SD 5J	North Baker Elementary School	Moderate	1913		1910	36,302	298	Medium-yes	Medium-yes	RVS2006	D	URM	0.2					URM	0.2	High (>10%)
Bake_sch01	Bake_sch01B	Baker SD 5J	North Baker Elementary School	Moderate	1913		1970	36,302	298	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Bake_sch02	Bake_sch02A	Baker SD 5J	South Baker Elementary School	Moderate	1953	1953	1950	34,200	283	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	C2	(0.1)	RM1	(0.1)	C2	(0.1)	Very High (100%)
Bake_sch02	Bake_sch02B	Baker SD 5J	South Baker Elementary School	Moderate	1953		1970	34,200	283		Medium-yes	RVS2006	D	W2	3.1	RM1	1.9			RM1	1.9	Moderate (>1%)
Coos_sch14	Coos_sch14A	Bandon SD 54	Bandon Senior High School	Very High	1975		1970	60,140	292	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Coos_sch14	Coos_sch14B	Bandon SD 54	Bandon Senior High School	Very High	1975		1970	60,140	292	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Coos_sch12	Coos_sch12A	Bandon SD 54	Harbor Lights Middle School	Very High	1957		1970	37,235	240			RVS2006	D	W2	3.0					W2	3.0	Low (<1%)
Coos_sch12	Coos_sch12B	Bandon SD 54	Harbor Lights Middle School	Very High	1957		1950	37,235	240	Low-minor	Medium-yes	RVS2006	D	W2	2.5	C2	1.7			C2	1.7	Moderate (>1%)
Coos_sch13	Coos_sch13A	Bandon SD 54	Ocean Crest Elementary School	Very High	1939		1930	36,309	236	Medium-yes	Medium-yes	RVS2006	D	W2	(0.5)					W2	(0.5)	Very High (100%)
Coos_sch13	Coos_sch13B	Bandon SD 54	Ocean Crest Elementary School	Very High	1939		1970	36,309	236	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Coos_sch13	Coos_sch13C	Bandon SD 54	Ocean Crest Elementary School	Very High	1939		1980	36,309	236			RVS2006	D	W1	6.8					W1	6.8	Low (<1%)
Wash_sch07	Wash_sch07A	Banks SD 13	Banks Elementary School	High	1998			62,000	602			NEW	D		-							Low (<1%)
Wash_sch09	Wash_sch09A	Banks SD 13	Banks High School	High	1945		1960	79,930	438	Low-minor		RVS2006	D	W2	3.0					W2	3.0	Low (<1%)
Wash_sch09	Wash_sch09B	Banks SD 13	Banks High School	High	1945		1930	79,930	438	Medium-yes	Medium-yes	RVS2006	D	URM	(0.5)	C3	(0.5)			URM	(0.5)	Very High (100%)
Wash_sch09	Wash_sch09D	Banks SD 13	Banks High School	High	1945		1960	79,930	438	Medium-yes	Medium-yes	RVS2006	D	W2	0.5	C2	0.7			W2	0.5	High (>10%)
Wash_sch09	Wash_sch09E	Banks SD 13	Banks High School	High	1945		1960	79,930	438	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Wash_sch09	Wash_sch09F	Banks SD 13	Banks High School	High	1945		1970	79,930	438	Medium-yes	Medium-yes	RVS2006	D	PC1	1.5					PC1	1.5	Moderate (>1%)
Wash_sch09	Wash_sch09G	Banks SD 13	Banks High School	High	1945		1970	79,930	438	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Wash_sch09	Wash_sch09H	Banks SD 13	Banks High School	High	1945		1960	79,930	438	Low-minor	Medium-yes	RVS2006	D	C2	1.7					C2	1.7	Moderate (>1%)
Wash_sch08	Wash_sch08A	Banks SD 13	Banks Junior High School	High	1945		1980	40,000	196	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Wash_sch08	Wash_sch08B	Banks SD 13	Banks Junior High School	High	1945		1990	40,000	196	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Wash_sch08	Wash_sch08C	Banks SD 13	Banks Junior High School	High	1945		1980	40,000	196	Medium-yes	Medium-yes	RVS2006	D	W2	2.9					W2	2.9	Low (<1%)
Wash_sch08	Wash_sch08D	Banks SD 13	Banks Junior High School	High	1945		1940	40,000	196	Medium-yes	Medium-yes	RVS2006	D	W2	0.5	RM1	0.7	C2	0.7	W2	0.5	High (>10%)

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Wash_sch08	Wash_sch08E	Banks SD 13	Banks Junior High School	High	1945		1980	40,000	196			RVS2006	D	S3	2.6					S3	2.6	Low (<1%)
Wash_sch72	Wash_sch72A	Beaverton SD 48J	Aloha High School	High	1967			232,200	2,002			SER	C	PC1	1.7					PC1	1.7	Moderate (>1%)
Wash_sch44	Wash_sch44A	Beaverton SD 48J	Aloha Park Elementary School	High	1948			122,947	246			RETROFITTED	C		-							Moderate (>1%)
Wash_sch118	Wash_sch118A	Beaverton SD 48J	Aloha-Huber Park Elementary Sc	High	2006			117,000	836			NEW			-							Low (<1%)
Wash_sch91	Wash_sch91A	Beaverton SD 48J	Arts & Communication High Schc	High	1947	1947	1950		270	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Wash_sch91	Wash_sch91B	Beaverton SD 48J	Arts & Communication High Schc	High	1947		1950		270		Medium-yes	RVS2006	C	C2	1.9					C2	1.9	Moderate (>1%)
Wash_sch45	Wash_sch45A	Beaverton SD 48J	Barnes Elementary School	High	1947			52,941	732			SER	C	C2	0.9					C2	0.9	High (>10%)
Wash_sch46	Wash_sch46A	Beaverton SD 48J	Beaver Acres Elementary School	High	1955			56,709	758			SER	D	C2	0.7					C2	0.7	High (>10%)
Wash_sch73	Wash_sch73A	Beaverton SD 48J	Beaverton High School	High	1949			271,512	2,074			RETROFITTED	C		-							Moderate (>1%)
Wash_sch47	Wash_sch47A	Beaverton SD 48J	Bethany Elementary School	High	1970			49,934	515			RETROFITTED	C	RM1	0.9					RM1	0.9	Moderate (>1%)
Wash_sch49	Wash_sch49A	Beaverton SD 48J	Cedar Mill Elementary School	High	1953			43,059	375			SER	C	W2	0.9					W2	0.9	High (>10%)
Wash_sch67	Wash_sch67A	Beaverton SD 48J	Cedar Park Middle School	High	1965			121,777	926			RETROFITTED	C	PC1	1.7					PC1	1.7	Moderate (>1%)
Wash_sch50	Wash_sch50A	Beaverton SD 48J	Chehalem Elementary School	High	1970			49,953	467			SER	C	RM1	0.9					RM1	0.9	High (>10%)
Wash_sch92	Wash_sch92A	Beaverton SD 48J	Conestoga Middle School	High	1994			120,000	1,072			NEW	C		-							Low (<1%)
Wash_sch51	Wash_sch51A	Beaverton SD 48J	Cooper Mountain Elementary Sc	High	1967			51,935	541			RETROFITTED	B	W2	1.3					W2	1.3	Moderate (>1%)
Wash_sch53	Wash_sch53A	Beaverton SD 48J	Elmonica Elementary School	High	1979			50,490	652			RETROFITTED	C	PC1	1.7					PC1	1.7	Moderate (>1%)
Wash_sch52	Wash_sch52A	Beaverton SD 48J	Errol Hassell Elementary School	High	1979			52,430	499			SER	B	PC1	2.1					PC1	2.1	Low (<1%)
Wash_sch11	Wash_sch11A	Beaverton SD 48J	Findley Elementary	High	1997			71,300	802			NEW	C		-							Low (<1%)
Wash_sch54	Wash_sch54A	Beaverton SD 48J	Fir Grove Elementary School	High	1971			59,912	533			RETROFITTED	C	RM1	0.9					RM1	0.9	Moderate (>1%)
Wash_sch68	Wash_sch68A	Beaverton SD 48J	Five Oaks Middle School	High	1974			140,834	1,106			RETROFITTED	C	RM1	0.9					RM1	0.9	Moderate (>1%)
Wash_sch48	Wash_sch48A	Beaverton SD 48J	Greenway Elementary School	High	1979			59,912	429			RETROFITTED	C	PC1	1.7					PC1	1.7	Moderate (>1%)
Wash_sch55	Wash_sch55A	Beaverton SD 48J	Hazeldale Elementary School	High	1949			51,250	599			RETROFITTED	C	URM	(0.1)					URM	(0.1)	Moderate (>1%)
Wash_sch71	Wash_sch71A	Beaverton SD 48J	Highland Park Middle School	High	1964			121,777	1,009			SER	C	PC1	1.7					PC1	1.7	Moderate (>1%)
Wash_sch56	Wash_sch56A	Beaverton SD 48J	Hiteon Elementary School	High	1974			47,890	464			SER	C	RM1	0.9					RM1	0.9	High (>10%)
Wash_sch103	Wash_sch103A	Beaverton SD 48J	Jacob Wismer Elementary Schoc	High	2001				762			NEW	C		-							Low (<1%)
Wash_sch57	Wash_sch57A	Beaverton SD 48J	Kinnaman Elementary School	High	1974			44,715	481			RETROFITTED	D	RM1	0.7					RM1	0.7	Moderate (>1%)
Wash_sch15	Wash_sch15A	Beaverton SD 48J	McKay Elementary School	High	1929			49,010	388			RETROFITTED	C	W2	(0.1)					W2	(0.1)	Moderate (>1%)
Wash_sch18	Wash_sch18A	Beaverton SD 48J	McKinley Elementary School	High	1955			45,893	552			SER	D	W2	0.5					W2	0.5	High (>10%)
Wash_sch69	Wash_sch69A	Beaverton SD 48J	Meadow Park Middle School	High	1963			121,777	859			RETROFITTED	C	PC1	1.7					PC1	1.7	Moderate (>1%)
Wash_sch58	Wash_sch58A	Beaverton SD 48J	Montclair Elementary School	High	1969			38,797	331			RETROFITTED	C	RM1	0.9					RM1	0.9	Moderate (>1%)
Wash_sch70	Wash_sch70A	Beaverton SD 48J	Mountain View Middle School	High	1968	1968	1960	136,296	1,046	Medium-yes	Medium-yes	SER	C	S1	0.9	RM2	0.9			S1	0.9	High (>10%)
Wash_sch90	Wash_sch90A	Beaverton SD 48J	Nancy Ryles Elementary School	High	1991			69,325	662			SER	B	W2	3.7					W2	3.7	Low (<1%)
Wash_sch59	Wash_sch59A	Beaverton SD 48J	Oak Hills Elementary School	High	1966			48,177	574			RETROFITTED	D	RM1	0.7					RM1	0.7	Moderate (>1%)
Wash_sch60	Wash_sch60A	Beaverton SD 48J	Raleigh Hills Elementary School	High	1927			60,550	407			SER	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Wash_sch16	Wash_sch16A	Beaverton SD 48J	Raleigh Park Elementary School	High	1957			43,864	405			SER	C	RM1	0.9					RM1	0.9	High (>10%)
Wash_sch61	Wash_sch61A	Beaverton SD 48J	Ridgewood Elementary School	High	1957			56,074	433			SER	C	RM1	0.9					RM1	0.9	High (>10%)
Wash_sch62	Wash_sch62A	Beaverton SD 48J	Rock Creek Elementary School	High	1974			51,687	600			SER	C	RM1	0.9					RM1	0.9	High (>10%)
Wash_sch97	Wash_sch97A	Beaverton SD 48J	Scholls Heights Elementary Schc	High	1999			68,495	721			NEW	B		-							Low (<1%)
Wash_sch85	Wash_sch85A	Beaverton SD 48J	Sexton Mountain Elementary Sch	High	1988			66,500	608			SER	C	RM1	0.9					RM1	0.9	High (>10%)
Wash_sch99	Wash_sch99A	Beaverton SD 48J	Southridge High School	High	1999			259,081	2,034			NEW	C		-							Low (<1%)
Wash_sch98	Wash_sch98A	Beaverton SD 48J	Stoller Middle School	High	1999			122,600	1,143			NEW	C		-							Low (<1%)
Wash_sch74	Wash_sch74A	Beaverton SD 48J	Sunset High School	High	1958			217,068	2,130			RETROFITTED	C	W2	0.9					W2	0.9	Moderate (>1%)
Wash_sch63	Wash_sch63A	Beaverton SD 48J	Terra Linda Elementary School	High	1970			50,500	489			RETROFITTED	C	RM1	0.9					RM1	0.9	Moderate (>1%)
Wash_sch64	Wash_sch64A	Beaverton SD 48J	Vose Elementary School	High	1960			51,520	542			RETROFITTED	C	RM1	0.9					RM1	0.9	Moderate (>1%)
Wash_sch65	Wash_sch65A	Beaverton SD 48J	West Tualatin View Elementary S	High	1955			42,228	346			RETROFITTED	C	C2	0.9					C2	0.9	Moderate (>1%)
Wash_sch93	Wash_sch93A	Beaverton SD 48J	Westview High School	High	1994			258,000	2,487			NEW	C		-							Low (<1%)
Wash_sch109	Wash_sch109A	Beaverton SD 48J	Whitford Middle School	High	1963			122,947	814			SER	C	PC1	1.7					PC1	1.7	Moderate (>1%)
Wash_sch66	Wash_sch66A	Beaverton SD 48J	William Walker Elementary Schc	High	1959			50,388	487			SER	C	W2	0.9					W2	0.9	High (>10%)
Desc_sch36	Desc_sch36A	Bend-LaPine SD 1	Amity Creek Elementary School	Moderate	1925		1920	62,592	157	Medium-yes	Medium-yes	RVS2006	B	URM	1.0					URM	1.0	High (>10%)
Desc_sch36	Desc_sch36B	Bend-LaPine SD 1	Amity Creek Elementary School	Moderate	1925		1940	62,592	157	Medium-yes	Medium-yes	RVS2006	B	C2	0.7	RM1	0.7			C2	0.7	High (>10%)
Desc_sch28	Desc_sch28A	Bend-LaPine SD 1	Bear Creek Elementary School	Moderate	1963	1963	1960	52,469	574	Medium-yes	Medium-yes	RVS2006	B	W2	1.3	RM1	1.1			RM1	1.1	Moderate (>1%)
Desc_sch28	Desc_sch28B	Bend-LaPine SD 1	Bear Creek Elementary School	Moderate	1963		1970	52,469	574	Medium-yes	Medium-yes	RVS2006	B	W2	1.3	RM1	1.1	S2	1.1	RM1	1.1	Moderate (>1%)
Desc_sch28	Desc_sch28C	Bend-LaPine SD 1	Bear Creek Elementary School	Moderate	1963		1970	52,469	574			RVS2006	B	W1	5.2	RM1	3.6			RM1	3.6	Low (<1%)
Desc_sch28	Desc_sch28D	Bend-LaPine SD 1	Bear Creek Elementary School	Moderate	1963		1970	52,469	574		Medium-yes	RVS2006	B	W2	4.3	RM1	3.1			RM1	3.1	Low (<1%)
Desc_sch28	Desc_sch28E	Bend-LaPine SD 1	Bear Creek Elementary School	Moderate	1963		1970	52,469	574			RVS2006	B	W1	5.2	RM1	3.6			RM1	3.6	Low (<1%)
Desc_sch28	Desc_sch28F	Bend-LaPine SD 1	Bear Creek Elementary School	Moderate	1963		1970	52,469	574	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1					RM1	1.1	Moderate (>1%)
Desc_sch04	Desc_sch04A	Bend-LaPine SD 1	Bend Senior High School	Moderate	1956		1950	199,428	1,435	Medium-yes	Medium-yes	RVS2006	B	C2	1.1					C2	1.1	Moderate (>1%)
Desc_sch04	Desc_sch04B	Bend-LaPine SD 1	Bend Senior High School	Moderate	1956		1950	199,428	1,435	Medium-yes	Medium-yes	RVS2006	B	C2	1.1					C2	1.1	Moderate (>1%)
Desc_sch04	Desc_sch04C	Bend-LaPine SD 1	Bend Senior High School	Moderate	1956		1960	199,428	1,435	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1	RM2	1.4			RM1	1.1	Moderate (>1%)
Desc_sch04	Desc_sch04D	Bend-LaPine SD 1	Bend Senior High School	Moderate	1956		1970	199,428	1,435	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1	RM2	1.4			RM1	1.1	Moderate (>1%)
Desc_sch04	Desc_sch04E	Bend-LaPine SD 1	Bend Senior High School	Moderate	1956	1956	1970	199,428	1,435	Medium-yes	Medium-yes	RVS2006	B	W1	1.2	RM1	1.1			RM1	1.1	Moderate (>1%)
Desc_sch04	Desc_sch04F	Bend-LaPine SD 1	Bend Senior High School	Moderate	1956		1960	199,428	1,435	Medium-yes	Medium-yes	RVS2006	B	PC1	2.7					PC1	2.7	Low (<1%)
Desc_sch04	Desc_sch04G	Bend-LaPine SD 1	Bend Senior High School	Moderate	1956		1970	199,428	1,435	Medium-yes	Medium-yes	RVS2006	B	C2	1.1					C2	1.1	Moderate (>1%)
Desc_sch04	Desc_sch04H	Bend-LaPine SD 1	Bend Senior High School	Moderate	1956		1950	199,428	1,435	Medium-yes	Medium-yes	RVS2006	B	C2	1.1	C1	0.5			C1	0.5	High (>10%)
Desc_sch04	Desc_sch04I	Bend-LaPine SD 1	Bend Senior High School	Moderate	1956		1980	199,428	1,435	Medium-yes	Medium-yes	RVS2006	B	S2	1.1	RM1	1.1	W1	2.8	S2	1.1	Moderate (>1%)
Desc_sch03	Desc_sch03A	Bend-LaPine SD 1	Buckingham Elementary School	Moderate	1980		1980	55,376	681	Medium-yes	Medium-yes	RVS2006	C	RM2	0.8	C2	0.3	W2	2.1	C2	0.3	High (>10%)
Desc_sch29	Desc_sch29A	Bend-LaPine SD 1	Cascade Middle School	Moderate	1979	1979	1970	92,857	694	Medium-yes	Medium-yes	RVS2006	C	C3	0.1	RM2	0.8	RM1	0.3	C3	0.1	High (>10%)
Desc_sch29	Desc_sch29B	Bend-LaPine SD 1	Cascade Middle School	Moderate	1979	1979	1970	92,857	694	Medium-yes	Medium-yes	RVS2006	C	RM2	0.8	RM1	0.3			RM1	0.3	High (>10%)
Desc_sch18	Desc_sch18A	Bend-LaPine SD 1	Elk Meadow Elementary School	Moderate	1993	1993	1990	62,000	576	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Desc_sch27	Desc_sch27A	Bend-LaPine SD 1	Ensworth Elementary School	Moderate	2004			42,000	264			NEW	B		-							Low (<1%)
Desc_sch19	Desc_sch19A	Bend-LaPine SD 1	High Desert Middle School	Moderate	1993	1993	1990	106,000	651	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Desc_sch25	Desc_sch25A	Bend-LaPine SD 1	High Lakes Elementary School	Moderate	2000			65,000	761			NEW	C		-							Low (<1%)
Desc_sch31	Desc_sch31A	Bend-LaPine SD 1	Highland School at Kenwood Ele	Moderate	1918		1930		363	Medium-yes	Medium-yes	RVS2006	B	URM	1.0					URM	1.0	High (>10%)
Desc_sch31	Desc_sch31B	Bend-LaPine SD 1	Highland School at Kenwood Ele	Moderate	1918		1930		363	Medium-yes	Medium-yes	RVS2006	B	C2	0.7	RM1	0.7			C2	0.7	High (>10%)
Desc_sch33	Desc_sch33A	Bend-LaPine SD 1	Juniper Elementary School	Moderate	1965		1960	52,134	408	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)					C2	(0.1)	Very High (100%)

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Desc_sch33	Desc_sch33B	Bend-LaPine SD 1	Juniper Elementary School	Moderate	1965		1970	52,134	408		Medium-yes	RVS2006	D	W2	3.1	RM1	1.9			RM1	1.9	Moderate (>1%)
Desc_sch33	Desc_sch33C	Bend-LaPine SD 1	Juniper Elementary School	Moderate	1965		1970	52,134	408		Medium-yes	RVS2006	D	W2	3.1	RM1	1.9			RM1	1.9	Moderate (>1%)
Desc_sch33	Desc_sch33D	Bend-LaPine SD 1	Juniper Elementary School	Moderate	1965		1970	52,134	408		Medium-yes	RVS2006	D	W2	3.1	RM1	1.9			RM1	1.9	Moderate (>1%)
Desc_sch33	Desc_sch33E	Bend-LaPine SD 1	Juniper Elementary School	Moderate	1965		1970	52,134	408		Medium-yes	RVS2006	D	W2	3.1	RM1	1.9			RM1	1.9	Moderate (>1%)
Desc_sch33	Desc_sch33F	Bend-LaPine SD 1	Juniper Elementary School	Moderate	1965		1990	52,134	408	Medium-yes		RVS2006	D	W2	2.2	RM1	0.4			RM1	0.4	High (>10%)
Desc_sch32	Desc_sch32A	Bend-LaPine SD 1	LaPine Elementary School	Moderate	1993	1993	1990	62,000	506	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)	S2	(0.1)			RM1	(0.1)	Very High (100%)
Desc_sch20	Desc_sch20A	Bend-LaPine SD 1	LaPine Middle School	Moderate	1980	1980	1980	72,517	518	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)	S3	2.3	S2	(0.1)	RM1	(0.1)	Very High (100%)
Desc_sch20	Desc_sch20B	Bend-LaPine SD 1	LaPine Middle School	Moderate	1980		1970	72,517	518			RVS2006	D	S3	2.8	S2	2.4			S2	2.4	Low (<1%)
Desc_sch06	Desc_sch06A	Bend-LaPine SD 1	LaPine Senior High School	Moderate	1981		1980	100,068	527	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Desc_sch06	Desc_sch06B	Bend-LaPine SD 1	LaPine Senior High School	Moderate	1981		1980	100,068	527			RVS2006	D	RM1	2.4					RM1	2.4	Low (<1%)
Desc_sch21	Desc_sch21A	Bend-LaPine SD 1	Lava Ridge Elementary School	Moderate	1994			62,000	635			NEW	B		-							Low (<1%)
Desc_sch34	Desc_sch34A	Bend-LaPine SD 1	Marshall High School	Moderate	1948		1950	8,211	159	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1	RM2	1.4			RM1	1.1	Moderate (>1%)
Desc_sch34	Desc_sch34B	Bend-LaPine SD 1	Marshall High School	Moderate	1948		1940	8,211	159	Medium-yes		RVS2006	B	RM1	1.6	RM2	1.9			RM1	1.6	Moderate (>1%)
Desc_sch05	Desc_sch05A	Bend-LaPine SD 1	Mountain View Senior High Scho	Moderate	1978		1970	199,440	1,570	Medium-yes		RVS2006	B	C3	1.2	RM1	1.6			C3	1.2	Moderate (>1%)
Desc_sch05	Desc_sch05B	Bend-LaPine SD 1	Mountain View Senior High Scho	Moderate	1978		1980	199,440	1,570	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1					RM1	1.1	Moderate (>1%)
Desc_sch05	Desc_sch05C	Bend-LaPine SD 1	Mountain View Senior High Scho	Moderate	1978		1980	199,440	1,570			RVS2006	B	RM1	3.6					RM1	3.6	Low (<1%)
Desc_sch05	Desc_sch05D	Bend-LaPine SD 1	Mountain View Senior High Scho	Moderate	1978		1980	199,440	1,570			RVS2006	B	RM1	3.6					RM1	3.6	Low (<1%)
Desc_sch05	Desc_sch05E	Bend-LaPine SD 1	Mountain View Senior High Scho	Moderate	1978		1990	199,440	1,570	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1	S2	1.1			RM1	1.1	Moderate (>1%)
Desc_sch05	Desc_sch05F	Bend-LaPine SD 1	Mountain View Senior High Scho	Moderate	1978		1980	199,440	1,570	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1					RM1	1.1	Moderate (>1%)
Desc_sch05	Desc_sch05G	Bend-LaPine SD 1	Mountain View Senior High Scho	Moderate	1978		1990	199,440	1,570	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1	C3	0.7			C3	0.7	High (>10%)
Desc_sch02	Desc_sch02A	Bend-LaPine SD 1	Pilot Butte Middle School	Moderate	1967		1960	101,803	646	Medium-yes	Medium-yes	RVS2006	B	C2	1.1	W1	1.2	RM1	1.1	C2	1.1	Moderate (>1%)
Desc_sch02	Desc_sch02B	Bend-LaPine SD 1	Pilot Butte Middle School	Moderate	1967		1960	101,803	646			RVS2006	D	W2	3.6	RM1	2.4			RM1	2.4	Low (<1%)
Desc_sch02	Desc_sch02C	Bend-LaPine SD 1	Pilot Butte Middle School	Moderate	1967		1960	101,803	646	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	RM1	(0.1)			RM1	(0.1)	Very High (100%)
Desc_sch02	Desc_sch02D	Bend-LaPine SD 1	Pilot Butte Middle School	Moderate	1967		1960	101,803	646			RVS2006	D	W2	3.6	RM1	2.4			RM1	2.4	Low (<1%)
Desc_sch02	Desc_sch02E	Bend-LaPine SD 1	Pilot Butte Middle School	Moderate	1967		1960	101,803	646	Medium-yes	Medium-yes	RVS2006	B	W1	1.2	RM1	1.1			RM1	1.1	Moderate (>1%)
Desc_sch02	Desc_sch02F	Bend-LaPine SD 1	Pilot Butte Middle School	Moderate	1967		1970	101,803	646	Medium-yes	Medium-yes	RVS2006	B	C2	1.1	RM1	1.1			C2	1.1	Moderate (>1%)
Desc_sch26	Desc_sch26A	Bend-LaPine SD 1	Pine Ridge Elem	Moderate	2004			46,500	360			NEW	B		-							Low (<1%)
Desc_sch01	Desc_sch01A	Bend-LaPine SD 1	R E Jewell Elementary School	Moderate	1974		1970	54,252	678	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3	RM2	0.8	W2	0.5	RM1	0.3	High (>10%)
Desc_sch24	Desc_sch24A	Bend-LaPine SD 1	Sky View Middle School	Moderate	2000			113,000	600			NEW	B		-							Low (<1%)
Desc_sch23	Desc_sch23A	Bend-LaPine SD 1	Summit High School	Moderate	2001			210,000	1,248			NEW	C		-							Low (<1%)
Desc_sch15	Desc_sch15A	Bend-LaPine SD 1	Three Rivers Elementary School	Moderate	1989		1980	34,210	437			RVS2006	B	W2	6.4					W2	6.4	Low (<1%)
Desc_sch35	Desc_sch35A	Bend-LaPine SD 1	Westside Village Magnet School	Moderate	1989		1950		179		Medium-yes	RVS2006	B	RM1	3.1					RM1	3.1	Low (<1%)
Lane_sch54	Lane_sch54A	Bethel SD 52	Cascade Middle School	High	1955			86,700	393			SER	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Lane_sch55	Lane_sch55A	Bethel SD 52	Clear Lake Elementary School	High	1977		1970	51,911	380	Low-minor	Medium-yes	SER & RVS2006	C	W2	2.9					W2	2.9	Low (<1%)
Lane_sch55	Lane_sch55B	Bethel SD 52	Clear Lake Elementary School	High	1977		1970	51,911	380	Medium-yes	Medium-yes	SER & RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Lane_sch56	Lane_sch56A	Bethel SD 52	Danebo Elementary School	High	1966		1960	11,000	355	Medium-yes	Medium-yes	SER & RVS2006	B	W2	1.3	RM1	1.3			W2	1.3	Moderate (>1%)
Lane_sch57	Lane_sch57A	Bethel SD 52	Fairfield Elementary School	High	1952			50,570	390			SER	B	W2	1.3					W2	1.3	Moderate (>1%)
Lane_sch58	Lane_sch58A	Bethel SD 52	Irving Elementary School	High	1965		1960	8,350	444	Medium-yes	Medium-yes	SER & RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Lane_sch59	Lane_sch59A	Bethel SD 52	Malabon Elementary School	High	1953		1950	27,300	295	Medium-yes	Medium-yes	SER & RVS2006	C	RM1	0.9	W2	0.9			RM1	0.9	High (>10%)
Lane_sch59	Lane_sch59B	Bethel SD 52	Malabon Elementary School	High	1953		1950	27,300	295		Medium-yes	SER & RVS2006	C	RM1	1.9	W2	2.9			RM1	1.9	Moderate (>1%)
Lane_sch59	Lane_sch59C	Bethel SD 52	Malabon Elementary School	High	1953		1950	27,300	295	Low-minor		SER & RVS2006	C	RM1	2.4	W2	3.4			RM1	2.4	Low (<1%)
Lane_sch59	Lane_sch59D	Bethel SD 52	Malabon Elementary School	High	1953		1950	27,300	295			SER & RVS2006	C	RM1	2.4	W2	3.4			RM1	2.4	Low (<1%)
Lane_sch78	Lane_sch78A	Bethel SD 52	Meadow View School	High	1998			114,800	668			NEW	C	W2	5.8					W2	5.8	Low (<1%)
Lane_sch83	Lane_sch83A	Bethel SD 52	Prairie Mountain School	High	2002			125,700	641			NEW	C	W2	5.8					W2	5.8	Low (<1%)
Lane_sch60	Lane_sch60A	Bethel SD 52	Shasta Middle School	High	1962		1960	79,506	457		Low-minor	SER & RVS2006	C	RM1	2.4					RM1	2.4	Low (<1%)
Lane_sch60	Lane_sch60B	Bethel SD 52	Shasta Middle School	High	1962		1960	79,506	457			SER & RVS2006	C	RM1	2.4	W2	3.4			RM1	2.4	Low (<1%)
Lane_sch60	Lane_sch60C	Bethel SD 52	Shasta Middle School	High	1962		1960	79,506	457	Medium-yes		SER & RVS2006	C	S3	2.8	RM1	1.4			RM1	1.4	Moderate (>1%)
Lane_sch60	Lane_sch60D	Bethel SD 52	Shasta Middle School	High	1962		1990	79,506	457	Medium-yes	Medium-yes	SER & RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Lane_sch60	Lane_sch60E	Bethel SD 52	Shasta Middle School	High	1962		1960	79,506	457	Medium-yes	Medium-yes	SER & RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Lane_sch61	Lane_sch61A	Bethel SD 52	Willamette High School	High	1949			254,800	1,492			SER	C	W2	0.9					W2	0.9	High (>10%)
Curr_sch02	Curr_sch02A	Brookings-Harbor SD 1	Azalea Middle School	Very High	1950		1950	62,599	414	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Curr_sch02	Curr_sch02B	Brookings-Harbor SD 1	Azalea Middle School	Very High	1950		1980	62,599	414	Low-minor	Medium-yes	RVS2006	B	W1	6.3					W1	6.3	Low (<1%)
Curr_sch02	Curr_sch02C	Brookings-Harbor SD 1	Azalea Middle School	Very High	1950		1950	62,599	414	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Curr_sch08	Curr_sch08A	Brookings-Harbor SD 1	Brookings-Harbor High School	Very High	1954		1950	85,643	652	Medium-yes	Medium-yes	RVS2006	B	W2	1.3	RM1	1.3	C2	1.3	W2	1.3	Moderate (>1%)
Curr_sch03	Curr_sch03A	Brookings-Harbor SD 1	Kalmiopsis Elementary School	Very High	1958		1950	85,768	686	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Curr_sch11	Curr_sch11A	Brookings-Harbor SD 1	Upper Chetco Charter School	Very High	1938		1930	7,749	27	Medium-yes	Medium-yes	RVS2006	C	W2	(0.1)					W2	(0.1)	Very High (100%)
Curr_sch11	Curr_sch11C	Brookings-Harbor SD 1	Upper Chetco Charter School	Very High	1938		1960	7,749	27	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Bake_sch09	Bake_sch09A	Burnt River SD 30J	Burnt River School	Moderate	1968		1960	55,000	76	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	RM1	(0.1)			RM1	(0.1)	Very High (100%)
Bake_sch09	Bake_sch09B	Burnt River SD 30J	Burnt River School	Moderate	1968		1960	55,000	76			RVS2006	D	W2	3.6					W2	3.6	Low (<1%)
Bake_sch09	Bake_sch09C	Burnt River SD 30J	Burnt River School	Moderate	1968		1970	55,000	76		Medium-yes	RVS2006	D	RM1	1.9					RM1	1.9	Moderate (>1%)
Doug_sch40	Doug_sch40A	Camas Valley SD 21J	Camas Valley School	High	1928	1928	1920	39,030	162		Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Doug_sch40	Doug_sch40B	Camas Valley SD 21J	Camas Valley School	High	1928	1948	1940	39,030	162			RVS2006	C	W1	4.4					W1	4.4	Low (<1%)
Doug_sch40	Doug_sch40C	Camas Valley SD 21J	Camas Valley School	High	1928	1952	1950	39,030	162			RVS2006	C	RM1	2.4					RM1	2.4	Low (<1%)
Doug_sch40	Doug_sch40D	Camas Valley SD 21J	Camas Valley School	High	1928	1970	1970	39,030	162	Medium-yes	Medium-yes	RVS2006	C	PC1	1.7					PC1	1.7	Moderate (>1%)
Doug_sch40	Doug_sch40E	Camas Valley SD 21J	Camas Valley School	High	1928	1978	1970	39,030	162	Medium-yes	Medium-yes	RVS2006	C	W1	1.4					W1	1.4	Moderate (>1%)
Clac_sch54	Clac_sch54A	Canby SD 86	Ackerman Middle School	High	1970			100,500	956			FEMA154	C	W2	3.4					W2	3.4	Low (<1%)
Clac_sch66	Clac_sch66A	Canby SD 86	Canby High School	High	1929			210,170	1,695			FEMA154	D	C2	2.2					C2	2.2	Low (<1%)
Clac_sch31	Clac_sch31A	Canby SD 86	Carus School	High	1960			57,500	441			FEMA154	B	W2	3.8					W2	3.8	Low (<1%)
Clac_sch76	Clac_sch76A	Canby SD 86	Cecile Trost Elementary School	High	1993			65,740	611			FEMA154	C	S2	2.6					S2	2.6	Low (<1%)
Clac_sch55	Clac_sch55A	Canby SD 86	Howard Eccles Elementary Scho	High	1956			57,632	420			FEMA154	C	W2	3.4					W2	3.4	Low (<1%)
Clac_sch56	Clac_sch56A	Canby SD 86	Ninety-One School	High	1945			89,957	516			FEMA154	D	W2	3.0					W2	3.0	Low (<1%)
Clac_sch53	Clac_sch53A	Canby SD 86	William Knight Elementary Schoo	High	1948			66,414	506			FEMA154	C	W2	3.4					W2	3.4	Low (<1%)
Mari_sch60	Mari_sch60A	Cascade SD 5	Cascade Junior High School	High	1948	1948	1940	113,000	541	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Mari_sch60	Mari_sch60B	Cascade SD 5	Cascade Junior High School	High	1948		1970	113,000	541	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Mari_sch61	Mari_sch61A	Cascade SD 5	Cascade Senior High School	High	1968		1960	154,000	778	Medium-yes	Medium-yes	RVS2006	D	C2	0.7	PC1	1.5			C2	0.7	High (>10%)

Project Facility Tracking Data: Site Unique ID	Building Unique ID	Public K12 District_Name	Individual Public K12 Facility Name	USGS Seismic Zone	ODE Yr Built	Field Plaque	Estimate Decade	Facility Sq Ft	Students Enrolled	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	NEHRP Soil	Primary First	1 RVS	Secondary Second	2 RVS	Tertiary	3 RVS	Type Final	F RVS	FEMA 154-Based Collapse Potential
Mari_sch61	Mari_sch61B	Cascade SD 5	Cascade Senior High School	High	1968	1968	1960	154,000	778	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Mari_sch51	Mari_sch51A	Cascade SD 5	Turner Elementary School	High	1922	1922	1920	25,378	238	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)	URM	(0.3)			URM	(0.3)	Very High (100%)
Mari_sch51	Mari_sch51B	Cascade SD 5	Turner Elementary School	High	1922		1950	25,378	238	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Mari_sch51	Mari_sch51C	Cascade SD 5	Turner Elementary School	High	1922	1974	1970	25,378	238			RVS2006	C	S3	2.8					S3	2.8	Low (<1%)
Mult_sch41	Mult_sch41A	Centennial SD 28J	Butler Creek Elementary School	High	2004				595			NEW	C		-							Low (<1%)
Mult_sch11	Mult_sch11A	Centennial SD 28J	Centennial High School	High	1968		1960	261,186	1,791	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3	W2	1.3			RM1	1.3	Moderate (>1%)
Mult_sch11	Mult_sch11B	Centennial SD 28J	Centennial High School	High	1968		1980	261,186	1,791	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Mult_sch11	Mult_sch11C	Centennial SD 28J	Centennial High School	High	1968		1960	261,186	1,791	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Mult_sch11	Mult_sch11D	Centennial SD 28J	Centennial High School	High	1968		1970	261,186	1,791	Medium-yes	Medium-yes	RVS2006	B	PC1	2.1					PC1	2.1	Low (<1%)
Mult_sch11	Mult_sch11E	Centennial SD 28J	Centennial High School	High	1968		1960	261,186	1,791	Medium-yes	Medium-yes	RVS2006	B	C2	1.3					C2	1.3	Moderate (>1%)
Mult_sch149	Mult_sch149A	Centennial SD 28J	Centennial Middle School	High	1962		1960	134,090	1,027	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3	C2	1.3			RM1	1.3	Moderate (>1%)
Mult_sch149	Mult_sch149B	Centennial SD 28J	Centennial Middle School	High	1962		1990	134,090	1,027	Medium-yes	Medium-yes	RVS2006	B	PC1	2.1					PC1	2.1	Low (<1%)
Mult_sch149	Mult_sch149C	Centennial SD 28J	Centennial Middle School	High	1962		1990	134,090	1,027		Medium-yes	RVS2006	B	PC1	2.1					PC1	2.1	Low (<1%)
Mult_sch149	Mult_sch149D	Centennial SD 28J	Centennial Middle School	High	1962		1980	134,090	1,027	Medium-yes	Medium-yes	RVS2006	B	C2	1.3	RM1	1.3			C2	1.3	Moderate (>1%)
Mult_sch149	Mult_sch149E	Centennial SD 28J	Centennial Middle School	High	1962		1990	134,090	1,027	Medium-yes	Medium-yes	RVS2006	B	S2	1.0	W2	3.7			S2	1.0	High (>10%)
Mult_sch150	Mult_sch150A	Centennial SD 28J	Harold Oliver Intermediate Cente	High	1969	1969	1960	83,458	390	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	PC1	1.7			RM1	0.9	High (>10%)
Mult_sch150	Mult_sch150B	Centennial SD 28J	Harold Oliver Intermediate Cente	High	1969		1970	83,458	390	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Mult_sch151	Mult_sch151A	Centennial SD 28J	Harold Oliver Primary School Cer	High	1960		1960	45,815	506	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	RM1	0.9			C2	0.9	High (>10%)
Mult_sch151	Mult_sch151B	Centennial SD 28J	Harold Oliver Primary School Cer	High	1960		1980	45,815	506	Medium-yes	Medium-yes	RVS2006	C	W2	3.3	S2	0.6			S2	0.6	High (>10%)
Mult_sch156	Mult_sch156A	Centennial SD 28J	Lynch Meadows Elementary Sch	High	1976		1970	53,836	533	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3	C2	1.3			RM1	1.3	Moderate (>1%)
Mult_sch156	Mult_sch156B	Centennial SD 28J	Lynch Meadows Elementary Sch	High	1976		1980	53,836	533		Medium-yes	RVS2006	B	RM1	2.3					RM1	2.3	Low (<1%)
Mult_sch152	Mult_sch152A	Centennial SD 28J	Lynch View Elementary School	High	1957		1960	49,151	493	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Mult_sch62	Mult_sch62A	Centennial SD 28J	Lynch Wood Elementary School	High	1958	1958	1950	51,002	460	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	W2	0.9			C2	0.9	High (>10%)
Mult_sch62	Mult_sch62B	Centennial SD 28J	Lynch Wood Elementary School	High	1958		1970	51,002	460	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	W2	0.9	PC1	1.7	C2	0.9	High (>10%)
Mult_sch154	Mult_sch154A	Centennial SD 28J	Pleasant Valley Elementary Scho	High	1940	1940	1940	56,830	545	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)	W2	(0.1)			C2	(0.1)	Very High (100%)
Mult_sch154	Mult_sch154B	Centennial SD 28J	Pleasant Valley Elementary Scho	High	1940	1950	1950	56,830	545	Medium-yes	Low-minor	RVS2006	C	C2	1.4	W2	1.4			C2	1.4	Moderate (>1%)
Mult_sch154	Mult_sch154C	Centennial SD 28J	Pleasant Valley Elementary Scho	High	1940		1960	56,830	545	Medium-yes	Low-minor	RVS2006	C	C2	1.4					C2	1.4	Moderate (>1%)
Mult_sch154	Mult_sch154D	Centennial SD 28J	Pleasant Valley Elementary Scho	High	1940		1960	56,830	545	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Mult_sch154	Mult_sch154E	Centennial SD 28J	Pleasant Valley Elementary Scho	High	1940		1950	56,830	545	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Curr_sch01	Curr_sch01A	Central Curry SD 1	Agness Elementary School	Very High	1939		1930	4,000	8		Medium-yes	RVS2006	D	W1	3.9					W1	3.9	Low (<1%)
Curr_sch04	Curr_sch04A	Central Curry SD 1	Gold Beach High School	Very High	1927		1970	93,110	244	Medium-yes	Medium-yes	RVS2006	D	W2	0.5	C2	0.7			W2	0.5	High (>10%)
Curr_sch04	Curr_sch04B	Central Curry SD 1	Gold Beach High School	Very High	1927		1980	93,110	244	Medium-yes	Medium-yes	RVS2006	D	S3	2.1					S3	2.1	Low (<1%)
Curr_sch04	Curr_sch04C	Central Curry SD 1	Gold Beach High School	Very High	1927		1970	93,110	244	Medium-yes		RVS2006	D	W1	1.9					W1	1.9	Moderate (>1%)
Curr_sch04	Curr_sch04D	Central Curry SD 1	Gold Beach High School	Very High	1927		1970	93,110	244			RVS2006	D	W1	4.4					W1	4.4	Low (<1%)
Curr_sch04	Curr_sch04E	Central Curry SD 1	Gold Beach High School	Very High	1927		1970	93,110	244			RVS2006	D	W1	4.4					W1	4.4	Low (<1%)
Curr_sch10	Curr_sch10A	Central Curry SD 1	Riley Creek Elementary School	Very High	1957		1950	64,916	420	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Linn_sch30	Linn_sch30A	Central Linn SD 552	Central Linn Elementary School	High	1977		1940	117,390	351	Medium-yes	Medium-yes	RVS2006	D	C2	0.7					C2	0.7	High (>10%)
Linn_sch30	Linn_sch30B	Central Linn SD 552	Central Linn Elementary School	High	1977	1977	1970	117,390	351	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	PC1	1.5			RM1	0.7	High (>10%)
Linn_sch27	Linn_sch27A	Central Linn SD 552	Central Linn High School	High	1959	1959	1950	85,811	314	Medium-yes	Medium-yes	RVS2006	D	W2	0.5	RM1	0.7	URM	(0.3)	URM	(0.3)	Very High (100%)
Linn_sch27	Linn_sch27B	Central Linn SD 552	Central Linn High School	High	1959		1950	85,811	314	Medium-yes		RVS2006	D	W2	1.0	S3	2.6	RM1	1.2	W2	1.0	High (>10%)
Linn_sch27	Linn_sch27C	Central Linn SD 552	Central Linn High School	High	1959		1970	85,811	314			RVS2006	D	W1	4.4					W1	4.4	Low (<1%)
Jack_sch08	Jack_sch08A	Central Point SD 6	Central Point Elementary School	Moderate	1908			43,421	495			*MISSED*	D		-							High (>10%)
Jack_sch15	Jack_sch15A	Central Point SD 6	Crater High School	Moderate	1950	1950	1950	138,718	1,494		Medium-yes	RVS2006	C	W2	3.5					W2	3.5	Low (<1%)
Jack_sch15	Jack_sch15B	Central Point SD 6	Crater High School	Moderate	1950		1950	138,718	1,494	Medium-yes		RVS2006	C	C1	0.4	C2	0.8	S3	3.2	C1	0.4	High (>10%)
Jack_sch15	Jack_sch15C	Central Point SD 6	Crater High School	Moderate	1950		1940	138,718	1,494	Medium-yes	Medium-yes	RVS2006	C	C2	0.3					C2	0.3	High (>10%)
Jack_sch15	Jack_sch15D	Central Point SD 6	Crater High School	Moderate	1950		1970	138,718	1,494			RVS2006	C	RM1	2.8					RM1	2.8	Low (<1%)
Jack_sch15	Jack_sch15E	Central Point SD 6	Crater High School	Moderate	1950		1960	138,718	1,494	Medium-yes	Medium-yes	RVS2006	C	C2	0.3					C2	0.3	High (>10%)
Jack_sch15	Jack_sch15F	Central Point SD 6	Crater High School	Moderate	1950		1970	138,718	1,494	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Jack_sch15	Jack_sch15G	Central Point SD 6	Crater High School	Moderate	1950		1980	138,718	1,494	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Jack_sch15	Jack_sch15H	Central Point SD 6	Crater High School	Moderate	1950		1960	138,718	1,494	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Jack_sch13	Jack_sch13A	Central Point SD 6	Hanby Middle School	Moderate	1910		1910	38,449	275		Medium-yes	RVS2006	C	URM	2.1					URM	2.1	Low (<1%)
Jack_sch13	Jack_sch13B	Central Point SD 6	Hanby Middle School	Moderate	1910		1940	38,449	275	Medium-yes	Medium-yes	RVS2006	C	W2	0.3					W2	0.3	High (>10%)
Jack_sch13	Jack_sch13C	Central Point SD 6	Hanby Middle School	Moderate	1910		1980	38,449	275			RVS2006	C	W1	6.6					W1	6.6	Low (<1%)
Jack_sch09	Jack_sch09A	Central Point SD 6	Jewett Elementary School	Moderate	1955		1950	45,018	483	Low-minor	Medium-yes	RVS2006	D	RM1	1.9					RM1	1.9	Moderate (>1%)
Jack_sch09	Jack_sch09B	Central Point SD 6	Jewett Elementary School	Moderate	1955		1970	45,018	483			RVS2006	D	RM1	2.4					RM1	2.4	Low (<1%)
Jack_sch09	Jack_sch09C	Central Point SD 6	Jewett Elementary School	Moderate	1955		1960	45,018	483		Medium-yes	RVS2006	D	C2	1.9	C1	1.5			C1	1.5	Moderate (>1%)
Jack_sch10	Jack_sch10A	Central Point SD 6	Patrick Elementary School	Moderate	1956		1950	35,004	268	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Jack_sch10	Jack_sch10B	Central Point SD 6	Patrick Elementary School	Moderate	1956		1950	35,004	268		Medium-yes	RVS2006	C	RM1	2.3					RM1	2.3	Low (<1%)
Jack_sch10	Jack_sch10C	Central Point SD 6	Patrick Elementary School	Moderate	1956		1950	35,004	268			RVS2006	C	RM1	2.8					RM1	2.8	Low (<1%)
Jack_sch10	Jack_sch10D	Central Point SD 6	Patrick Elementary School	Moderate	1956		1950	35,004	268			RVS2006	C	RM1	2.8					RM1	2.8	Low (<1%)
Jack_sch11	Jack_sch11A	Central Point SD 6	Richardson Elementary School	Moderate	1964		1960	32,476	516	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	RM1	(0.1)			RM1	(0.1)	Very High (100%)
Jack_sch12	Jack_sch12A	Central Point SD 6	Sams Valley Elementary School	Moderate	1966		1960	40,063	264			RVS2006	C	W2	4.0	RM1	2.8			RM1	2.8	Low (<1%)
Jack_sch12	Jack_sch12B	Central Point SD 6	Sams Valley Elementary School	Moderate	1966		1960	40,063	264	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3	W2	0.5			RM1	0.3	High (>10%)
Jack_sch12	Jack_sch12C	Central Point SD 6	Sams Valley Elementary School	Moderate	1966		1960	40,063	264		Medium-yes	RVS2006	C	W2	3.5	RM1	2.3			RM1	2.3	Low (<1%)
Jack_sch14	Jack_sch14A	Central Point SD 6	Scenic Middle School	Moderate	1966		1960	78,792	823		Medium-yes	RVS2006	C	RM1	2.3					RM1	2.3	Low (<1%)
Jack_sch14	Jack_sch14B	Central Point SD 6	Scenic Middle School	Moderate	1966		1960	78,792	823	Medium-yes		RVS2006	C	RM1	0.8					RM1	0.8	High (>10%)
Jack_sch14	Jack_sch14C	Central Point SD 6	Scenic Middle School	Moderate	1966		1960	78,792	823		Medium-yes	RVS2006	C	RM1	2.3					RM1	2.3	Low (<1%)
Polk_sch07	Polk_sch07A	Central SD 13J	Ash Creek Intermediate School	High	2002			57,000	400			NEW	D		-							Low (<1%)
Polk_sch06	Polk_sch06A	Central SD 13J	Central High School	High	1950	1983	1980	138,700	858	Medium-yes	Medium-yes	SER & RVS2006	D	C2	0.7	S3	2.1			C2	0.7	High (>10%)
Polk_sch06	Polk_sch06B	Central SD 13J	Central High School	High	1950	1950	1950	138,700	858	Medium-yes	Medium-yes	SER & RVS2006	D	C2	0.7					C2	0.7	High (>10%)
Polk_sch06	Polk_sch06C	Central SD 13J	Central High School	High	1950		1980	138,700	858	Medium-yes	Medium-yes	SER & RVS2006	D	RM1	0.7	S3	2.1			RM1	0.7	High (>10%)
Polk_sch03	Polk_sch03A	Central SD 13J	Henry Hill Elementary School	High	1938		1940	37,640	297	Medium-yes	Medium-yes	RVS2006	D	W2	(0.5)	C2	(0.3)			W2	(0.5)	Very High (100%)
Polk_sch03	Polk_sch03B	Central SD 13J	Henry Hill Elementary School	High	1938		1950	37,640	297	Medium-yes	Medium-yes	RVS2006	D	C2	0.7					C2	0.7	High (>10%)
Polk_sch03	Polk_sch03C	Central SD 13J	Henry Hill Elementary School	High	1938		1960	37,640	297			RVS2006	D	C2	2.2					C2	2.2	Low (<1%)
Polk_sch03	Polk_sch03D	Central SD 13J	Henry Hill Elementary School	High	1938		1980	37,640	297			RVS2006	D	RM1	2.2	C2	2.2			RM1	2.2	Low (<1%)

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Polk_sch03	Polk_sch03E	Central SD 13J	Henry Hill Elementary School	High	1938		1940	37,640	297		Medium-yes	RVS2006	D	W2	1.5	RM1	0.7			RM1	0.7	High (>10%)
Polk_sch09	Polk_sch09A	Central SD 13J	Independence Elementary Schoo	High	1925			40,450	308			SER	D	URM	(0.5)					URM	(0.5)	Very High (100%)
Polk_sch04	Polk_sch04A	Central SD 13J	Monmouth Elementary School	High	1963	1963	1960	36,100	473	Medium-yes	Low-minor	RVS2006	D	RM1	1.2					RM1	1.2	Moderate (>1%)
Polk_sch04	Polk_sch04B	Central SD 13J	Monmouth Elementary School	High	1963		1960	36,100	473	Medium-yes		RVS2006	D	PC1	2.0					PC1	2.0	Moderate (>1%)
Polk_sch04	Polk_sch04C	Central SD 13J	Monmouth Elementary School	High	1963		1990	36,100	473	Medium-yes		RVS2006	D	PC1	2.0					PC1	2.0	Moderate (>1%)
Polk_sch04	Polk_sch04D	Central SD 13J	Monmouth Elementary School	High	1963		1980	36,100	473		Medium-yes	RVS2006	D	RM1	1.7					RM1	1.7	Moderate (>1%)
Polk_sch05	Polk_sch05A	Central SD 13J	Talmadge Middle School	High	1966	1966	1960	84,090	404	Medium-yes	Medium-yes	SER & RVS2006	D	PC1	1.5					PC1	1.5	Moderate (>1%)
Polk_sch05	Polk_sch05B	Central SD 13J	Talmadge Middle School	High	1966	1966	1960	84,090	404	Medium-yes	Medium-yes	SER & RVS2006	D	C2	0.7	PC1	1.5			C2	0.7	High (>10%)
Colu_sch02	Colu_sch02A	Clatskanie SD 6J	Clatskanie Elementary School	High	1927	1927	1920	49,008	388	Medium-yes	Medium-yes	RVS2006	C	W2	(0.1)					W2	(0.1)	Very High (100%)
Colu_sch02	Colu_sch02B	Clatskanie SD 6J	Clatskanie Elementary School	High	1927		1960	49,008	388		Medium-yes	RVS2006	C	W2	2.9					W2	2.9	Low (<1%)
Colu_sch03	Colu_sch03A	Clatskanie SD 6J	Clatskanie Middle/High School	High	1978		1970	117,768	477	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	PC1	1.7	W2	0.9	RM1	0.9	High (>10%)
Clac_sch39	Clac_sch39A	Colton SD 53	Colton Elementary School	Moderate	1975			51,085	310			FEMA154	C	W2	4.0					W2	4.0	Low (<1%)
Clac_sch96	Clac_sch96A	Colton SD 53	Colton Middle School	Moderate	1994			43,000	181			FEMA154	C	W2	5.6					W2	5.6	Low (<1%)
Gill_sch04	Gill_sch04A	Condon SD 25J	Condon Elementary School	Moderate	1925	1925	1920	36,000	79	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)	URM	0.6			C2	(0.1)	Very High (100%)
Gill_sch04	Gill_sch04B	Condon SD 25J	Condon Elementary School	Moderate	1925	1961	1960	36,000	79	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Gill_sch04	Gill_sch04C	Condon SD 25J	Condon Elementary School	Moderate	1925		1960	36,000	79	Medium-yes	Low-minor	RVS2006	C	S3	3.2					S3	3.2	Low (<1%)
Gill_sch01	Gill_sch01A	Condon SD 25J	Condon High School	Moderate	1962		1960	34,000	72	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Gill_sch01	Gill_sch01B	Condon SD 25J	Condon High School	Moderate	1962		1970	34,000	72	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Coos_sch01	Coos_sch01A	Coos Bay SD 9	Blossom Gulch Elementary Scho	Very High	1954		1950	59,896	499	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Coos_sch02	Coos_sch02A	Coos Bay SD 9	Bunker Hill Elementary School	Very High	1955		1950	25,224	315	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Coos_sch03	Coos_sch03A	Coos Bay SD 9	Madison Elementary School	Very High	1953		1950	41,809	396	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Coos_sch03	Coos_sch03B	Coos Bay SD 9	Madison Elementary School	Very High	1953		1980	41,809	396	Medium-yes	Medium-yes	RVS2006	C	W1	3.8					W1	3.8	Low (<1%)
Coos_sch05	Coos_sch05A	Coos Bay SD 9	Marshfield Senior High School	Very High	1923		1920	286,238	1,210	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)	C1	(1.1)			C1	(1.1)	Very High (100%)
Coos_sch05	Coos_sch05B	Coos Bay SD 9	Marshfield Senior High School	Very High	1923		1960	286,238	1,210	High	Medium-yes	RVS2006	C	RM1	0.9	W2	0.9			RM1	0.9	High (>10%)
Coos_sch05	Coos_sch05C	Coos Bay SD 9	Marshfield Senior High School	Very High	1923		1950	286,238	1,210	Medium-yes	Medium-yes	RVS2006	C	C2	1.3	C1	0.5			C1	0.5	High (>10%)
Coos_sch05	Coos_sch05D	Coos Bay SD 9	Marshfield Senior High School	Very High	1923	1952	1950	286,238	1,210	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	C1	0.1			C1	0.1	High (>10%)
Coos_sch05	Coos_sch05E	Coos Bay SD 9	Marshfield Senior High School	Very High	1923	1939	1930	286,238	1,210	Low-minor	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Coos_sch21	Coos_sch21A	Coos Bay SD 9	Millicoma Intermediate School	Very High	1962		1960	81,767	486	High	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Coos_sch21	Coos_sch21B	Coos Bay SD 9	Millicoma Intermediate School	Very High	1962		1980	81,767	486		Medium-yes	RVS2006	D	W1	6.3					W1	6.3	Low (<1%)
Coos_sch21	Coos_sch21D	Coos Bay SD 9	Millicoma Intermediate School	High	1962		1970	81,767	486	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Coos_sch17	Coos_sch17A	Coos Bay SD 9	Resource Link Charter School	Very High			1930		28	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Coos_sch04	Coos_sch04A	Coos Bay SD 9	Sunset Middle School	Very High	1993	1993	1990	94,474	575	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	W2	3.3			RM1	0.9	High (>10%)
Coos_sch04	Coos_sch04B	Coos Bay SD 9	Sunset Middle School	Very High	1993		1990	94,474	575	Medium-yes	Medium-yes	RVS2006	C	W1	3.8					W1	3.8	Low (<1%)
Coos_sch24	Coos_sch24A	Coquille SD 8	Coquille High School	Very High	1949		1940	106,102	371	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	RM1	0.9	C1	0.1	C1	0.1	High (>10%)
Coos_sch24	Coos_sch24B	Coquille SD 8	Coquille High School	Very High	1949		1970	106,102	371	Medium-yes	Medium-yes	RVS2006	C	W2	0.9	RM1	0.9			W2	0.9	High (>10%)
Coos_sch16	Coos_sch16A	Coquille SD 8	Coquille Valley Middle School	Very High	1972		1970	68,064	232	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	C2	0.9			RM1	0.9	High (>10%)
Coos_sch22	Coos_sch22A	Coquille SD 8	Lincoln Elementary School	Very High	1965		1960	34,408	283	Medium-yes	Medium-yes	RVS2006	B	W2	1.3	RM1	1.3			W2	1.3	Moderate (>1%)
Mult_sch12	Mult_sch12A	Corbett SD 39	Corbett Grade School	High	1929			48,000	294			NEW	C		-							Low (<1%)
Bent_sch01	Bent_sch01A	Corvallis SD 509J	Adams Elementary School	High	1955			46,063	462			SER	C	W2	0.9					W2	0.9	High (>10%)
Bent_sch02	Bent_sch02A	Corvallis SD 509J	Cheldelin Middle School	High	1967			106,699	579			SER	D	RM1	0.7					RM1	0.7	High (>10%)
Bent_sch12	Bent_sch12A	Corvallis SD 509J	Corvallis High School	High	2005			240,095	1,378			NEW	D		-							Low (<1%)
Bent_sch09	Bent_sch09A	Corvallis SD 509J	Crescent Valley High School	High	1970			272,325	1,045			SER	C	RM1	0.9					RM1	0.9	High (>10%)
Bent_sch11	Bent_sch11A	Corvallis SD 509J	Franklin School	High	1946			35,944	369			SER	D	W2	0.5					W2	0.5	High (>10%)
Bent_sch03	Bent_sch03A	Corvallis SD 509J	Garfield Elementary School	High	1955			45,916	374			SER	D	W2	0.5					W2	0.5	High (>10%)
Bent_sch04	Bent_sch04A	Corvallis SD 509J	Hoover Elementary School	High	1967			40,500	411			SER	B	W2	1.3					W2	1.3	Moderate (>1%)
Bent_sch17	Bent_sch17A	Corvallis SD 509J	Inavale School	High	1950			16,032	181			SER	C	W2	0.9					W2	0.9	High (>10%)
Bent_sch05	Bent_sch05A	Corvallis SD 509J	Jefferson Elementary School	High	1960			44,057	319			SER	C	W2	0.9					W2	0.9	High (>10%)
Bent_sch06	Bent_sch06A	Corvallis SD 509J	Lincoln Elementary School	High	1948			41,054	286			SER	D	URM	(0.3)					URM	(0.3)	Very High (100%)
Bent_sch08	Bent_sch08A	Corvallis SD 509J	Linus Pauling Middle School	High	2004				700			NEW	C		-							Low (<1%)
Bent_sch07	Bent_sch07A	Corvallis SD 509J	Mt View Elementary School	High	1954			47,393	385			SER	C	W2	0.9					W2	0.9	High (>10%)
Bent_sch14	Bent_sch14A	Corvallis SD 509J	Wilson Elementary School	High	1962			46,344	292			SER	C	W2	0.9					W2	0.9	High (>10%)
Unio_sch11	Unio_sch11A	Cove SD 15	Cove School	Moderate	1935		1960	34,801	254	Medium-yes	Medium-yes	RVS2006	D	W2	0.1					W2	0.1	High (>10%)
Unio_sch11	Unio_sch11B	Cove SD 15	Cove School	Moderate	1935		1960	34,801	254			RVS2006	D	W2	3.6					W2	3.6	Low (<1%)
Unio_sch11	Unio_sch11C	Cove SD 15	Cove School	Moderate	1935		1940	34,801	254	Medium-yes	Medium-yes	RVS2006	D	C2	(0.5)	W2	(0.1)			C2	(0.5)	Very High (100%)
Unio_sch11	Unio_sch11D	Cove SD 15	Cove School	Moderate	1935		1980	34,801	254	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Unio_sch11	Unio_sch11E	Cove SD 15	Cove School	Moderate	1935		1930	34,801	254	Medium-yes	Medium-yes	RVS2006	D	W2	(0.1)					W2	(0.1)	Very High (100%)
Unio_sch11	Unio_sch11F	Cove SD 15	Cove School	Moderate	1935		1990	34,801	254		Medium-yes	RVS2006	D	W2	4.7					W2	4.7	Low (<1%)
Lane_sch90	Lane_sch90A	Creswell SD 40	Creslane Elementary School	High	1948		1950	35,370	561	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Lane_sch90	Lane_sch90B	Creswell SD 40	Creslane Elementary School	High	1948		1950	35,370	561		Medium-yes	RVS2006	D	W2	2.5					W2	2.5	Low (<1%)
Lane_sch90	Lane_sch90C	Creswell SD 40	Creslane Elementary School	High	1948		1980	35,370	561	Medium-yes	Medium-yes	RVS2006	D	W2	2.9					W2	2.9	Low (<1%)
Lane_sch49	Lane_sch49A	Creswell SD 40	Creswell High School	High	1967	1967	1960	103,098	354	Medium-yes	Medium-yes	RVS2006	D	W1	1.4					W1	1.4	Moderate (>1%)
Lane_sch49	Lane_sch49B	Creswell SD 40	Creswell High School	High	1967		1990	103,098	354	Medium-yes	Medium-yes	RVS2006	D	PC1	1.5					PC1	1.5	Moderate (>1%)
Lane_sch49	Lane_sch49C	Creswell SD 40	Creswell High School	High	1967		1960	103,098	354	Medium-yes	Medium-yes	RVS2006	D	W1	1.4					W1	1.4	Moderate (>1%)
Lane_sch49	Lane_sch49D	Creswell SD 40	Creswell High School	High	1967		1990	103,098	354		Medium-yes	RVS2006	D	W2	4.9					W2	4.9	Low (<1%)
Lane_sch48	Lane_sch48A	Creswell SD 40	Creswell Middle School	High	1941	1941	1940	24,185	271	Medium-yes	Medium-yes	RVS2006	C	W2	(0.1)					W2	(0.1)	Very High (100%)
Lane_sch48	Lane_sch48B	Creswell SD 40	Creswell Middle School	High	1941		1940	24,185	271	Medium-yes	Medium-yes	RVS2006	C	W2	(0.1)					W2	(0.1)	Very High (100%)
Lane_sch48	Lane_sch48C	Creswell SD 40	Creswell Middle School	High	1941		1940	24,185	271		Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Lane_sch48	Lane_sch48D	Creswell SD 40	Creswell Middle School	High	1941		1940	24,185	271	Medium-yes	Medium-yes	RVS2006	C	W1	1.4					W1	1.4	Moderate (>1%)
Croo_sch02	Croo_sch02A	Crook County SD	Cecil Sly Elementary School	Moderate	1937		1960	57,730	515	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	C2	(0.1)	RM1	(0.1)	C2	(0.1)	Very High (100%)
Croo_sch02	Croo_sch02B	Crook County SD	Cecil Sly Elementary School	Moderate	1937		1970	57,730	515		Medium-yes	RVS2006	D	W2	3.1	RM1	1.9	C2	1.9	RM1	1.9	Moderate (>1%)
Croo_sch02	Croo_sch02C	Crook County SD	Cecil Sly Elementary School	Moderate	1937		1970	57,730	515			RVS2006	D	W1	4.6	RM1	2.4			RM1	2.4	Low (<1%)
Croo_sch01	Croo_sch01A	Crook County SD	Crook County High School	Moderate	1996			155,600	1,001			NEW	D		-							Low (<1%)
Croo_sch05	Croo_sch05A	Crook County SD	Crook County Middle School	Moderate	1952		1950	83,238	726	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)	RM1	(0.1)	URM	0.6	C2	(0.1)	Very High (100%)
Croo_sch05	Croo_sch05B	Crook County SD	Crook County Middle School	Moderate	1952		1970	83,238	726		Medium-yes	RVS2006	D	RM1	1.9					RM1	1.9	Moderate (>1%)
Croo_sch05	Croo_sch05C	Crook County SD	Crook County Middle School	Moderate	1952		1970	83,238	726	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)

Project Facility Tracking Data: Site Unique ID	Building Unique ID	Public K12 District_Name	Individual Public K12 Facility Name	USGS Seismic Zone	ODE Yr Built	Field Plaque	Estimate Decade	Facility Sq Ft	Students Enrolled	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	NEHRP Soil	Primary First	1 RVS	Secondary Second	2 RVS	Tertiary Tertiary	3 RVS	Type Final	F RVS	FEMA 154-Based Collapse Potential
Croo_sch05	Croo_sch05D	Crook County SD	Crook County Middle School	Moderate	1952		1970	83,238	726		Medium-yes	RVS2006	D	RM1	1.9					RM1	1.9	Moderate (>1%)
Croo_sch03	Croo_sch03A	Crook County SD	Crooked River Elementary Schoc	Moderate	1939	1939	1930	42,043	390	Medium-yes	Medium-yes	RVS2006	D	C2	(0.5)					C2	(0.5)	Very High (100%)
Croo_sch03	Croo_sch03B	Crook County SD	Crooked River Elementary Schoc	Moderate	1939		1930	42,043	390		Medium-yes	RVS2006	D	C2	1.5					C2	1.5	Moderate (>1%)
Croo_sch03	Croo_sch03C	Crook County SD	Crooked River Elementary Schoc	Moderate	1939		1950	42,043	390	Medium-yes		RVS2006	D	RM1	0.4	C2	0.4	W1	1.1	RM1	0.4	High (>10%)
Croo_sch03	Croo_sch03D	Crook County SD	Crooked River Elementary Schoc	Moderate	1939		1980	42,043	390	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Croo_sch04	Croo_sch04A	Crook County SD	Ochoco Elementary School	Moderate	1945	1945	1940	39,694	413	Medium-yes		RVS2006	D	C2	0.4					C2	0.4	High (>10%)
Croo_sch04	Croo_sch04B	Crook County SD	Ochoco Elementary School	Moderate	1945		1950	39,694	413	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)	C2	(0.1)			RM1	(0.1)	Very High (100%)
Croo_sch04	Croo_sch04C	Crook County SD	Ochoco Elementary School	Moderate	1945		1960	39,694	413	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)	C2	(0.1)			RM1	(0.1)	Very High (100%)
Croo_sch04	Croo_sch04D	Crook County SD	Ochoco Elementary School	Moderate	1945		1970	39,694	413		Medium-yes	RVS2006	D	W2	3.1	RM1	1.9			RM1	1.9	Moderate (>1%)
Croo_sch07	Croo_sch07A	Crook County SD	Powell Butte Elementary School	Moderate	1930	1930	1930	15,761	160	Medium-yes	Medium-yes	RVS2006	B	C2	0.7	W2	1.1			C2	0.7	High (>10%)
Croo_sch07	Croo_sch07B	Crook County SD	Powell Butte Elementary School	Moderate	1930		1970	15,761	160	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1					RM1	1.1	Moderate (>1%)
Croo_sch07	Croo_sch07C	Crook County SD	Powell Butte Elementary School	Moderate	1930		1980	15,761	160			RVS2006	B	W2	6.4					W2	6.4	Low (<1%)
Lane_sch93	Lane_sch93A	Crow-Applegate-Lorane	Crow Middle/High School	High	1968		1960	44,475	162	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	W2	0.9			RM1	0.9	High (>10%)
Lane_sch93	Lane_sch93B	Crow-Applegate-Lorane	Crow Middle/High School	High	1968		1960	44,475	162			RVS2006	C	W1	4.4					W1	4.4	Low (<1%)
Jeff_sch05	Jeff_sch05A	Culver SD 4	Culver Elementary School	Moderate	1997			19,533	269			NEW	C		-							Low (<1%)
Jeff_sch07	Jeff_sch07A	Culver SD 4	Culver High School	Moderate	1963		1960	23,310	196	Medium-yes	Medium-yes	RVS2006	C	W2	0.5	RM1	0.3			RM1	0.3	High (>10%)
Jeff_sch07	Jeff_sch07B	Culver SD 4	Culver High School	Moderate	1963		1960	23,310	196	Medium-yes	Medium-yes	RVS2006	C	C2	0.3					C2	0.3	High (>10%)
Jeff_sch07	Jeff_sch07C	Culver SD 4	Culver High School	Moderate	1963		1980	23,310	196	Medium-yes	Medium-yes	RVS2006	C	C1	(0.1)	C2	0.3			C1	(0.1)	Very High (100%)
Jeff_sch06	Jeff_sch06A	Culver SD 4	Culver Middle School	Moderate	1997			33,400	139			NEW	C		-							Low (<1%)
Polk_sch02	Polk_sch02A	Dallas SD 2	Dallas High School	High	1953			160,500	1,004			*MISSED*	C		-							High (>10%)
Polk_sch01	Polk_sch01A	Dallas SD 2	LaCreole Middle School	High	1966	1966	1960	115,282	768	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	W2	0.9	PC1	1.7	C2	0.9	High (>10%)
Polk_sch01	Polk_sch01B	Dallas SD 2	LaCreole Middle School	High	1966		1990	115,282	768	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Polk_sch01	Polk_sch01C	Dallas SD 2	LaCreole Middle School	High	1966		1990	115,282	768	Medium-yes	Medium-yes	RVS2006	C	W2	3.3					W2	3.3	Low (<1%)
Polk_sch08	Polk_sch08A	Dallas SD 2	Lyle Elementary School	High	1950	1950	1950	48,077	430	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Polk_sch11	Polk_sch11A	Dallas SD 2	Oakdale Heights Elementary Sch	High	1975		1970	46,370	420	Low-minor	Medium-yes	RVS2006	C	W2	2.9	RM1	1.9			RM1	1.9	Moderate (>1%)
Polk_sch12	Polk_sch12A	Dallas SD 2	Whitworth Elementary School	High	1975		1950	48,748	450	Medium-yes	Medium-yes	RVS2006	C	W2	0.9	C2	0.9			W2	0.9	High (>10%)
Polk_sch12	Polk_sch12B	Dallas SD 2	Whitworth Elementary School	High	1975		1990	48,748	450	Low-minor		RVS2006	C	PC1	2.2	C2	4.8			PC1	2.2	Low (<1%)
Polk_sch12	Polk_sch12C	Dallas SD 2	Whitworth Elementary School	High	1975		1970	48,748	450	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Mult_sch22	Mult_sch22A	David Douglas SD 40	Alice Ott Middle School	High	1937	1937	1930	76,911	697	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)	W2	(0.1)			C2	(0.1)	Very High (100%)
Mult_sch22	Mult_sch22B	David Douglas SD 40	Alice Ott Middle School	High	1937		1960	76,911	697	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Mult_sch22	Mult_sch22C	David Douglas SD 40	Alice Ott Middle School	High	1937		1950	76,911	697	Medium-yes		RVS2006	C	RM1	1.4	C2	1.4			RM1	1.4	Moderate (>1%)
Mult_sch13	Mult_sch13A	David Douglas SD 40	Cherry Park Elementary School	High	1954	1954	1950	54,150	452	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	W2	0.5			W2	0.5	High (>10%)
Mult_sch13	Mult_sch13B	David Douglas SD 40	Cherry Park Elementary School	High	1954		1970	54,150	452			RVS2006	D	W2	3.0					W2	3.0	Low (<1%)
Mult_sch165	Mult_sch165A	David Douglas SD 40	David Douglas High - South	High	1953	1953	1950		2,768	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	RM1	0.9			C2	0.9	High (>10%)
Mult_sch165	Mult_sch165C	David Douglas SD 40	David Douglas High - South Chil	High	1953	1949	1940		2,768	Medium-yes	Medium-yes	RVS2006	C	W2	0.9	C2	0.9			W2	0.9	High (>10%)
Mult_sch165	Mult_sch165B	David Douglas SD 40	David Douglas High - South Horn	High	1953	1979	1970		2,768	High	Medium-yes	RVS2006	C	S3	2.3					S3	2.3	Low (<1%)
Mult_sch166	Mult_sch166A	David Douglas SD 40	David Douglas High School	High	1959	1959	1950		2,768	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	RM1	0.9	W2	0.9	C2	0.9	High (>10%)
Mult_sch166	Mult_sch166B	David Douglas SD 40	David Douglas High School	High	1959		1960		2,768	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	RM1	0.9			C2	0.9	High (>10%)
Mult_sch59	Mult_sch59A	David Douglas SD 40	Earl Boyles Elementary	High	1956	1956	1950	52,254	423	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Mult_sch44	Mult_sch44A	David Douglas SD 40	Fir Ridge Campus	High	2003				208			NEW	D		-							Low (<1%)
Mult_sch23	Mult_sch23A	David Douglas SD 40	Floyd Light Middle School	High	1966		1970	88,538	776	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	RM1	0.9			C2	0.9	High (>10%)
Mult_sch23	Mult_sch23B	David Douglas SD 40	Floyd Light Middle School	High	1966		1970	88,538	776	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Mult_sch23	Mult_sch23C	David Douglas SD 40	Floyd Light Middle School	High	1966		1970	88,538	776	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Mult_sch14	Mult_sch14A	David Douglas SD 40	Gilbert Heights Elementary Scho	High	1958		1960	64,474	589	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	C2	0.9			RM1	0.9	High (>10%)
Mult_sch14	Mult_sch14B	David Douglas SD 40	Gilbert Heights Elementary Scho	High	1958		1980	64,474	589	Medium-yes	Low-minor	RVS2006	C	PC1	2.2	W2	3.8			PC1	2.2	Low (<1%)
Mult_sch15	Mult_sch15A	David Douglas SD 40	Gilbert Park Elementary School	High	1954		1950	49,839	616	Medium-yes	Medium-yes	RVS2006	D	W2	0.5	RM1	0.7	C2	0.7	W2	0.5	High (>10%)
Mult_sch15	Mult_sch15B	David Douglas SD 40	Gilbert Park Elementary School	High	1954		1980	49,839	616	Medium-yes		RVS2006	D	W2	3.4					W2	3.4	Low (<1%)
Mult_sch15	Mult_sch15C	David Douglas SD 40	Gilbert Park Elementary School	High	1954		1980	49,839	616	Low-minor	Medium-yes	RVS2006	D	W2	4.9					W2	4.9	Low (<1%)
Mult_sch16	Mult_sch16A	David Douglas SD 40	Lincoln Park Elementary School	High	1961		1960	63,877	580	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Mult_sch16	Mult_sch16B	David Douglas SD 40	Lincoln Park Elementary School	High	1961		1980	63,877	580	Medium-yes	Medium-yes	RVS2006	C	W2	3.3					W2	3.3	Low (<1%)
Mult_sch17	Mult_sch17A	David Douglas SD 40	Menlo Park Elementary School	High	1952	1952	1950	55,958	427	Medium-yes	Medium-yes	RVS2006	C	W2	0.9	RM1	0.9			W2	0.9	High (>10%)
Mult_sch18	Mult_sch18A	David Douglas SD 40	Mill Park Elementary School	High	1961		1960	58,407	515	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Mult_sch18	Mult_sch18B	David Douglas SD 40	Mill Park Elementary School	High	1961		1970	58,407	515	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Mult_sch155	Mult_sch155A	David Douglas SD 40	Ron Russell Middle School	High	2005				806			NEW	C		-							Low (<1%)
Mult_sch19	Mult_sch19A	David Douglas SD 40	Ventura Park Elementary School	High	1952		1960	54,961	473	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	C2	0.9	W2	0.9	RM1	0.9	High (>10%)
Mult_sch20	Mult_sch20A	David Douglas SD 40	West Powellhurst Elementary Sc	High	1998			45,363	475			NEW	C		-							Low (<1%)
Yamh_sch30	Yamh_sch30A	Dayton SD 8	Dayton Grade School	High	1951	1951	1950	50,402	428	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Yamh_sch30	Yamh_sch30B	Dayton SD 8	Dayton Grade School	High	1951		1950	50,402	428	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Yamh_sch01	Yamh_sch01A	Dayton SD 8	Dayton High School	High	1963		1940	30,212	345	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Yamh_sch01	Yamh_sch01B	Dayton SD 8	Dayton High School	High	1963	1963	1960	30,212	345	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Yamh_sch01	Yamh_sch01C	Dayton SD 8	Dayton High School	High	1963		1970	30,212	345	Medium-yes	Medium-yes	RVS2006	D	PC1	1.5					PC1	1.5	Moderate (>1%)
Yamh_sch01	Yamh_sch01D	Dayton SD 8	Dayton High School	High	1963		1980	30,212	345	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Yamh_sch01	Yamh_sch01E	Dayton SD 8	Dayton High School	High	1963		1960	30,212	345			RVS2006	D	RM1	2.2	W2	3.0			RM1	2.2	Low (<1%)
Yamh_sch19	Yamh_sch19A	Dayton SD 8	Dayton Jr High School	High	1969	1969	1960	35,613	258			RVS2006	D	RM1	2.2	W2	3.0			RM1	2.2	Low (<1%)
Yamh_sch19	Yamh_sch19B	Dayton SD 8	Dayton Jr High School	High	1969		1960	35,613	258			RVS2006	D	RM1	2.2					RM1	2.2	Low (<1%)
Gran_sch03	Gran_sch03A	Dayville SD 16J	Dayville School	Moderate	1924	1924	1920	5,825	58		Medium-yes	RVS2006	C	URM	2.1					URM	2.1	Low (<1%)
Gran_sch03	Gran_sch03B	Dayville SD 16J	Dayville School	Moderate	1924		1950	5,825	58	Medium-yes		RVS2006	C	RM1	0.8					RM1	0.8	High (>10%)
Gran_sch03	Gran_sch03C	Dayville SD 16J	Dayville School	Moderate	1924		1960	5,825	58		Medium-yes	RVS2006	C	RM1	2.3					RM1	2.3	Low (<1%)
Doug_sch01	Doug_sch01A	Douglas County SD 4	Eastwood Elementary School	High	1957	1957	1950	31,898	337	Low-minor		RVS2006	B	RM1	2.8	C2	2.8			RM1	2.8	Low (<1%)
Doug_sch01	Doug_sch01B	Douglas County SD 4	Eastwood Elementary School	High	1957		1960	31,898	337	Medium-yes	Low-minor	RVS2006	B	RM1	1.8					RM1	1.8	Moderate (>1%)
Doug_sch01	Doug_sch01C	Douglas County SD 4	Eastwood Elementary School	High	1957		1990	31,898	337			RVS2006	B	W2	6.2					W2	6.2	Low (<1%)
Doug_sch01	Doug_sch01D	Douglas County SD 4	Eastwood Elementary School	High	1957		1960	31,898	337	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3	W2	1.3			RM1	1.3	Moderate (>1%)
Doug_sch02	Doug_sch02A	Douglas County SD4	Fir Grove Elementary	High	1961		1960	48,000	284	Medium-yes		RVS2006	C	W2	1.4					W2	1.4	Moderate (>1%)
Doug_sch03	Doug_sch03A	Douglas County SD 4	Fullerton IV Elementary School	High	1961		1960	31,921	346			RVS2006	C	W1	4.4					W1	4.4	Low (<1%)
Doug_sch03	Doug_sch03B	Douglas County SD 4	Fullerton IV Elementary School	High	1961		1960	31,921	346		Medium-yes	RVS2006	C	RM1	1.9	W2	2.9			RM1	1.9	Moderate (>1%)

Project Facility Tracking Data: Site Unique ID	Building Unique ID	Public K12 District_Name	Individual Public K12 Facility Name	USGS Seismic Zone	ODE Yr Built	Field Plaque	Estimate Decade	Facility Sq Ft	Students Enrolled	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	NEHRP Soil	Primary First	1 RVS	Secondary Second	2 RVS	Tertiary Tertiary	3 RVS	Type Final	F RVS	FEMA 154-Based Collapse Potential
Doug_sch03	Doug_sch03C	Douglas County SD 4	Fullerton IV Elementary School	High	1961		1960	31,921	346	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**	W2	0.9			**RM1**	**0.9**	High (>10%)
Doug_sch04	Doug_sch04A	Douglas County SD 4	Green Elementary School	High	1949		1950	36,298	426			RVS2006	C	**URM**	**1.4**	RM1	2.4			**URM**	**1.4**	Moderate (>1%)
Doug_sch04	Doug_sch04B	Douglas County SD 4	Green Elementary School	High	1949		1960	36,298	426		Medium-yes	RVS2006	C	W2	2.9	**RM1**	**1.9**			**RM1**	**1.9**	Moderate (>1%)
Doug_sch04	Doug_sch04C	Douglas County SD 4	Green Elementary School	High	1949		1960	36,298	426	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**					**RM1**	**0.9**	High (>10%)
Doug_sch04	Doug_sch04D	Douglas County SD 4	Green Elementary School	High	1949		1950	36,298	426	Medium-yes	Medium-yes	RVS2006	C	**URM**	**(0.1)**	RM1	0.9			**URM**	**(0.1)**	**Very High (100%)**
Doug_sch05	Doug_sch05A	Douglas County SD 4	Hucrest Elementary School	High	1955		1970	44,971	428	Medium-yes	Medium-yes	RVS2006	B	**W2**	**1.3**	RM1	1.3			**W2**	**1.3**	Moderate (>1%)
Doug_sch08	Doug_sch08A	Douglas County SD 4	John C Fremont Middle School	High	1951		1950	100,985	771	Medium-yes	Medium-yes	RVS2006	B	**C2**	**1.3**					**C2**	**1.3**	Moderate (>1%)
Doug_sch08	Doug_sch08B	Douglas County SD 4	John C Fremont Middle School	High	1951		1970	100,985	771	Medium-yes	Medium-yes	RVS2006	B	**W2**	**1.3**					**W2**	**1.3**	Moderate (>1%)
Doug_sch08	Doug_sch08C	Douglas County SD 4	John C Fremont Middle School	High	1951		1970	100,985	771	Medium-yes	Medium-yes	RVS2006	B	PC1	2.1	**C2**	**1.3**	W2	1.3	**C2**	**1.3**	Moderate (>1%)
Doug_sch08	Doug_sch08D	Douglas County SD 4	John C Fremont Middle School	High	1951		1970	100,985	771	Medium-yes	Medium-yes	RVS2006	B	**PC1**	**2.1**					**PC1**	**2.1**	Low (<1%)
Doug_sch09	Doug_sch09A	Douglas County SD 4	Joseph Lane Middle School	High	1955		1950	91,990	829	Medium-yes	Medium-yes	RVS2006	B	**W2**	**1.3**					**W2**	**1.3**	Moderate (>1%)
Doug_sch34	Doug_sch34A	Douglas County SD 4	Melrose Elementary School	High	1929		1960	29,567	272	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**	W1	1.4			**RM1**	**0.9**	High (>10%)
Doug_sch34	Doug_sch34B	Douglas County SD 4	Melrose Elementary School	High	1929		1920	29,567	272		Medium-yes	RVS2006	C	**W2**	**1.9**					**W2**	**1.9**	Moderate (>1%)
Doug_sch34	Doug_sch34C	Douglas County SD 4	Melrose Elementary School	High	1929		1960	29,567	272	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**	W2	0.9			**RM1**	**0.9**	High (>10%)
Doug_sch34	Doug_sch34D	Douglas County SD 4	Melrose Elementary School	High	1929		1960	29,567	272		Low-minor	RVS2006	C	**RM1**	**2.4**					**RM1**	**2.4**	Low (<1%)
Doug_sch34	Doug_sch34E	Douglas County SD 4	Melrose Elementary School	High	1929		1960	29,567	272		Medium-yes	RVS2006	C	**W2**	**2.9**					**W2**	**2.9**	Low (<1%)
Doug_sch34	Doug_sch34F	Douglas County SD 4	Melrose Elementary School	High	1929		1920	29,567	272			RVS2006	C	**W1**	**4.4**					**W1**	**4.4**	Low (<1%)
Doug_sch06	Doug_sch06A	Douglas County SD 4	Rose Elementary School	High	1939		1940	38,034	227	Medium-yes	Medium-yes	RVS2006	B	**W2**	**0.3**					**W2**	**0.3**	High (>10%)
Doug_sch06	Doug_sch06B	Douglas County SD 4	Rose Elementary School	High	1939		1970	38,034	227	Medium-yes	Medium-yes	RVS2006	B	**C2**	**1.3**	W2	1.3	RM1	1.3	**C2**	**1.3**	Moderate (>1%)
Doug_sch10	Doug_sch10A	Douglas County SD 4	Roseburg High School	High	1924	1924	1920	224,210	2,044	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)	**C1**	**(1.1)**			**C1**	**(1.1)**	**Very High (100%)**
Doug_sch10	Doug_sch10B	Douglas County SD 4	Roseburg High School	High	1924	1954	1950	224,210	2,044	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	**C1**	**0.1**			**C1**	**0.1**	High (>10%)
Doug_sch10	Doug_sch10C	Douglas County SD 4	Roseburg High School	High	1924		1990	224,210	2,044	Low-minor		RVS2006	C	**RM1**	**2.4**					**RM1**	**2.4**	Low (<1%)
Doug_sch10	Doug_sch10D	Douglas County SD 4	Roseburg High School	High	1924	1977	1970	224,210	2,044	Medium-yes	Medium-yes	RVS2006	C	PC1	1.7	**RM1**	**0.9**			**RM1**	**0.9**	High (>10%)
Doug_sch10	Doug_sch10E	Douglas County SD 4	Roseburg High School	High	1924	1963	1960	224,210	2,044			RVS2006	C	**PC2**	**2.0**	RM1	2.4	C2	2.4	**PC2**	**2.0**	Moderate (>1%)
Doug_sch07	Doug_sch07A	Douglas County SD 4	Sunnyslope Elementary School	High	1965		1960	41,891	240	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**	W2	0.9			**RM1**	**0.9**	High (>10%)
Doug_sch32	Doug_sch32A	Douglas County SD 4	Winchester Elementary	High	1945		1940	46,199	419	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**	RM1	0.9			**W2**	**0.9**	High (>10%)
Doug_sch32	Doug_sch32B	Douglas County SD 4	Winchester Elementary	High	1945		1970	46,199	419	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Doug_sch32	Doug_sch32C	Douglas County SD 4	Winchester Elementary	High	1945		1970	46,199	419		Medium-yes	RVS2006	C	**W2**	**2.9**					**W2**	**2.9**	Low (<1%)
Doug_sch32	Doug_sch32D	Douglas County SD 4	Winchester Elementary	High	1945		1970	46,199	419	Medium-yes		RVS2006	C	**W2**	**1.4**					**W2**	**1.4**	Moderate (>1%)
Doug_sch32	Doug_sch32E	Douglas County SD 4	Winchester Elementary	High	1945		1970	46,199	419	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Wasc_sch06	Wasc_sch06A	Dufur SD 29	Dufur School	Moderate	1956	1956	1950	53,552	277	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.1**	W2	1.3			**RM1**	**1.1**	Moderate (>1%)
Wasc_sch06	Wasc_sch06B	Dufur SD 29	Dufur School	Moderate	1956		1970	53,552	277		Medium-yes	RVS2006	B	**RM1**	**3.1**					**RM1**	**3.1**	Low (<1%)
Jack_sch19	Jack_sch19A	Eagle Point SD 9	Eagle Point High School	Moderate	1982		1970	177,000	1,218	Medium-yes	Medium-yes	RVS2006	C	**C2**	**0.3**					**C2**	**0.3**	High (>10%)
Jack_sch19	Jack_sch19B	Eagle Point SD 9	Eagle Point High School	Moderate	1982		1970	177,000	1,218	Medium-yes	Low-minor	RVS2006	C	**C2**	**0.8**	RM1	0.8	S3	3.2	**C2**	**0.8**	High (>10%)
Jack_sch19	Jack_sch19C	Eagle Point SD 9	Eagle Point High School	Moderate	1982		1970	177,000	1,218			RVS2006	C	**C2**	**2.8**					**C2**	**2.8**	Low (<1%)
Jack_sch19	Jack_sch19D	Eagle Point SD 9	Eagle Point High School	Moderate	1982		1970	177,000	1,218	Medium-yes	Medium-yes	RVS2006	C	**C2**	**0.3**					**C2**	**0.3**	High (>10%)
Jack_sch18	Jack_sch18A	Eagle Point SD 9	Eagle Point Middle School	Moderate	2004			100,000	473			NEW	C		-							Low (<1%)
Jack_sch39	Jack_sch39A	Eagle Point SD 9	Eagle Rock Elementary School	Moderate	2003			38,850	401			NEW	C		-							Low (<1%)
Jack_sch51	Jack_sch51A	Eagle Point SD 9	Elk Trail Elementary School	Moderate	1936		1930	24,090	136		Medium-yes	RVS2006	C	**W2**	**3.3**					**W2**	**3.3**	Low (<1%)
Jack_sch51	Jack_sch51B	Eagle Point SD 9	Elk Trail Elementary School	Moderate	1936		1950	24,090	136	Medium-yes	Medium-yes	RVS2006	C	S3	2.7	W2	0.5	**RM1**	**0.3**	**RM1**	**0.3**	High (>10%)
Jack_sch44	Jack_sch44A	Eagle Point SD 9	Little Butte School	Moderate	1950		1920	44,760	462		Medium-yes	RVS2006	C	**C2**	**1.9**					**C2**	**1.9**	Moderate (>1%)
Jack_sch44	Jack_sch44B	Eagle Point SD 9	Little Butte School	Moderate	1950		1950	44,760	462	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**					**RM1**	**0.3**	High (>10%)
Jack_sch44	Jack_sch44C	Eagle Point SD 9	Little Butte School	Moderate	1950		1950	44,760	462	Low-minor	Medium-yes	RVS2006	C	**RM1**	**2.3**	C2	2.3			**RM1**	**2.3**	Low (<1%)
Jack_sch17	Jack_sch17A	Eagle Point SD 9	Mountain View Elementary	Moderate	1978	1978	1970	43,575	366			RVS2006	C	**RM1**	**2.8**	W2	4.0			**RM1**	**2.8**	Low (<1%)
Jack_sch17	Jack_sch17B	Eagle Point SD 9	Mountain View Elementary	Moderate	1978		1970	43,575	366	Medium-yes		RVS2006	C	W2	1.0	**RM1**	**0.8**			**RM1**	**0.8**	High (>10%)
Jack_sch17	Jack_sch17C	Eagle Point SD 9	Mountain View Elementary	Moderate	1978		1970	43,575	366		Medium-yes	RVS2006	C	**RM1**	**2.3**					**RM1**	**2.3**	Low (<1%)
Jack_sch17	Jack_sch17D	Eagle Point SD 9	Mountain View Elementary	Moderate	1978		1970	43,575	366		Medium-yes	RVS2006	C	**RM1**	**2.3**					**RM1**	**2.3**	Low (<1%)
Jack_sch45	Jack_sch45A	Eagle Point SD 9	Shady Cove School	Moderate	1928		1920	41,071	273	Medium-yes	Medium-yes	RVS2006	C	URM	0.6	**W2**	**0.3**			**W2**	**0.3**	High (>10%)
Jack_sch45	Jack_sch45B	Eagle Point SD 9	Shady Cove School	Moderate	1928		1940	41,071	273			RVS2006	C	**RM1**	**2.4**					**RM1**	**2.4**	Low (<1%)
Jack_sch16	Jack_sch16A	Eagle Point SD 9	White City Elementary School	Moderate	1965		1960	44,968	489			RVS2006	C	**W2**	**4.0**					**W2**	**4.0**	Low (<1%)
Jack_sch16	Jack_sch16B	Eagle Point SD 9	White City Elementary School	Moderate	1965		1960	44,968	489	Medium-yes	Medium-yes	RVS2006	C	W2	0.5	**RM1**	**0.3**	S3	2.7	**RM1**	**0.3**	High (>10%)
Jack_sch16	Jack_sch16C	Eagle Point SD 9	White City Elementary School	Moderate	1965		1970	44,968	489		Medium-yes	RVS2006	C	**W2**	**3.5**					**W2**	**3.5**	Low (<1%)
Jack_sch16	Jack_sch16D	Eagle Point SD 9	White City Elementary School	Moderate	1965		1970	44,968	489		Medium-yes	RVS2006	C	**W2**	**3.5**					**W2**	**3.5**	Low (<1%)
Jack_sch16	Jack_sch16E	Eagle Point SD 9	White City Elementary School	Moderate	1965		1970	44,968	489		Medium-yes	RVS2006	C	**W2**	**3.5**					**W2**	**3.5**	Low (<1%)
Jack_sch40	Jack_sch40A	Eagle Point SD 9	White Mountain Middle School	Moderate	2003				383			NEW	C		-							Low (<1%)
Umat_sch22	Umat_sch22A	Echo SD 5	Echo School	Moderate	1953		1940	52,298	267	Medium-yes	Medium-yes	RVS2006	C	**C2**	**0.3**	RM1	0.3			**C2**	**0.3**	High (>10%)
Umat_sch22	Umat_sch22B	Echo SD 5	Echo School	Moderate	1953		1940	52,298	267	Medium-yes		RVS2006	C	**C2**	**0.8**					**C2**	**0.8**	High (>10%)
Umat_sch22	Umat_sch22C	Echo SD 5	Echo School	Moderate	1953		1980	52,298	267	Medium-yes	Medium-yes	RVS2006	C	W2	2.1	**RM1**	**0.3**			**RM1**	**0.3**	High (>10%)
Umat_sch22	Umat_sch22D	Echo SD 5	Echo School	Moderate	1953		1980	52,298	267	Medium-yes	Medium-yes	RVS2006	C	W2	2.1	**RM1**	**0.3**			**RM1**	**0.3**	High (>10%)
Umat_sch22	Umat_sch22F	Echo SD 5	Echo School	Moderate	1953		1970	52,298	267			RVS2006	C	**S3**	**3.2**					**S3**	**3.2**	Low (<1%)
Unio_sch14	Unio_sch14A	Elgin SD 23	Elgin High School	Moderate	1957		1950	40,000	139	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	**RM1**	**(0.1)**			**RM1**	**(0.1)**	**Very High (100%)**
Unio_sch14	Unio_sch14B	Elgin SD 23	Elgin High School	Moderate	1957		1960	40,000	139	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					**RM1**	**(0.1)**	**Very High (100%)**
Unio_sch08	Unio_sch08A	Elgin SD 23	Stella Mayfield Elementary Schoc	Moderate	1947		1940	45,300	285	Medium-yes	Medium-yes	RVS2006	D	**C2**	**(0.1)**	RM1	(0.1)			**C2**	**(0.1)**	**Very High (100%)**
Unio_sch08	Unio_sch08B	Elgin SD 23	Stella Mayfield Elementary Schoc	Moderate	1947		1950	45,300	285	Medium-yes	Medium-yes	RVS2006	D	**C2**	**(0.1)**	RM1	(0.1)			**C2**	**(0.1)**	**Very High (100%)**
Unio_sch08	Unio_sch08C	Elgin SD 23	Stella Mayfield Elementary Schoc	Moderate	1947		1960	45,300	285	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.1**					**W2**	**0.1**	High (>10%)
Wall_sch04	Wall_sch04A	Enterprise SD 21	Enterprise High School	Moderate	1917	1917	1910	35,293	159	Medium-yes	Medium-yes	RVS2006	C	**URM**	**0.6**					**URM**	**0.6**	High (>10%)
Wall_sch04	Wall_sch04B	Enterprise SD 21	Enterprise High School	Moderate	1917		1950	35,293	159	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**					**RM1**	**0.3**	High (>10%)
Wall_sch04	Wall_sch04C	Enterprise SD 21	Enterprise High School	Moderate	1917		1950	35,293	159	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**					**RM1**	**0.3**	High (>10%)
Wall_sch04	Wall_sch04D	Enterprise SD 21	Enterprise High School	Moderate	1917		1970	35,293	159	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**					**RM1**	**0.3**	High (>10%)
Wall_sch04	Wall_sch04E	Enterprise SD 21	Enterprise High School	Moderate	1917		1970	35,293	159	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**	W2	0.5			**RM1**	**0.3**	High (>10%)
Clac_sch59	Clac_sch59A	Estacada SD 108	Clackamas River Elementary Sch	Moderate	2003				370			NEW	D		-							Low (<1%)
Clac_sch58	Clac_sch58A	Estacada SD 108	Eagle Creek Elementary School	High	1970			52,570	381			FEMA154	D	**W2**	**3.0**					**W2**	**3.0**	Low (<1%)
Clac_sch62	Clac_sch62A	Estacada SD 108	Estacada High School	Moderate	1962			189,603	752			FEMA154	C	**RM1**	**2.8**					**RM1**	**2.8**	Low (<1%)
Clac_sch61	Clac_sch61A	Estacada SD 108	Estacada Junior High School	Moderate	1936			70,288	378			FEMA154	D	**URM**	**2.2**					**URM**	**2.2**	Low (<1%)
Clac_sch60	Clac_sch60A	Estacada SD 108	River Mill Elementary School	Moderate	1970			38,262	328			FEMA154	C	**W2**	**4.0**					**W2**	**4.0**	Low (<1%)

Project Facility Tracking Data: Site Unique ID	Building Unique ID	Public K12 District_Name	Individual Public K12 Facility Name	USGS Seismic Zone	ODE Yr Built	Field Plaque	Estimate Decade	Facility Sq Ft	Students Enrolled	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	NEHRP Soil	Primary First	1 RVS	Secondary Second	2 RVS	Tertiary Tertiary	3 RVS	Type Final	F RVS	FEMA 154-Based Collapse Potential
Lane_sch02	Lane_sch02A	Eugene SD 4J	Adams Elementary School	High	1949		1980	47,037	183	Medium-yes	Medium-yes	SER & RVS2006	B	W2	3.7					W2	3.7	Low (<1%)
Lane_sch03	Lane_sch03A	Eugene SD 4J	Awbrey Park Elementary School	High	1967	1967	1960	56,816	472	Medium-yes	Medium-yes	SER & RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Lane_sch03	Lane_sch03B	Eugene SD 4J	Awbrey Park Elementary School	High	1967	1967	1960	56,816	472		Medium-yes	SER & RVS2006	B	RM1	2.3					RM1	2.3	Low (<1%)
Lane_sch80	Lane_sch80A	Eugene SD 4J	Bertha Holt Elementary School	High	2004			67,400	587			NEW	B		-							Low (<1%)
Lane_sch04	Lane_sch04A	Eugene SD 4J	Cal Young Middle School	High	2006			87,591	577			NEW	B		-							Low (<1%)
Lane_sch79	Lane_sch79A	Eugene SD 4J	Cesar E Chavez Elementary Sch	High	2004			67,400	367			NEW	B		-							Low (<1%)
Lane_sch96	Lane_sch96A	Eugene SD 4J	Coburg Elementary School	High	1950		1950	27,537	150	Medium-yes	Medium-yes	SER & RVS2006	D	W2	0.5	RM1	0.7			W2	0.5	High (>10%)
Lane_sch96	Lane_sch96B	Eugene SD 4J	Coburg Elementary School	High	1950		1970	27,537	150	Medium-yes	Medium-yes	SER & RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Lane_sch96	Lane_sch96C	Eugene SD 4J	Coburg Elementary School	High	1950		1960	27,537	150		Medium-yes	SER & RVS2006	D	RM1	1.7					RM1	1.7	Moderate (>1%)
Lane_sch12	Lane_sch12A	Eugene SD 4J	Colin Kelly Middle School	High	1945		1940	112,356	522	Medium-yes	Medium-yes	RVS2006	B	W2	1.3	RM1	1.3			W2	1.3	Moderate (>1%)
Lane_sch12	Lane_sch12B	Eugene SD 4J	Colin Kelly Middle School	High	1945		1980	112,356	522	Medium-yes	Low-minor	RVS2006	B	W2	4.2					W2	4.2	Low (<1%)
Lane_sch12	Lane_sch12C	Eugene SD 4J	Colin Kelly Middle School	High	1945		1970	112,356	522		Medium-yes	RVS2006	B	W2	3.3					W2	3.3	Low (<1%)
Lane_sch05	Lane_sch05A	Eugene SD 4J	Crest Drive Elementary School	High	1963			23,562	232			SER	B	W2	1.3					W2	1.3	Moderate (>1%)
Lane_sch77	Lane_sch77A	Eugene SD 4J	Edgewood Elementary School	High	1962			25,703	239			SER	B	W2	1.3					W2	1.3	Moderate (>1%)
Lane_sch06	Lane_sch06A	Eugene SD 4J	Edison Elementary School	High	1926	1926	1920	42,195	287	Medium-yes	Medium-yes	RVS2006	B	C2	0.3	URM	0.1	W2	0.3	URM	0.1	High (>10%)
Lane_sch07	Lane_sch07A	Eugene SD 4J	Ellis Parker Elementary School	High	1959	1952	1950	40,837	248	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3	W2	1.3			RM1	1.3	Moderate (>1%)
Lane_sch07	Lane_sch07B	Eugene SD 4J	Ellis Parker Elementary School	High	1959		1960	40,837	248	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Lane_sch71	Lane_sch71A	Eugene SD 4J	Fox Hollow French Immersion Sc	High	1967			27,872	301			SER	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Lane_sch08	Lane_sch08A	Eugene SD 4J	Gilham Elementary School	High	1965			74,500	535			SER	B	W2	1.3					W2	1.3	Moderate (>1%)
Lane_sch09	Lane_sch09A	Eugene SD 4J	Harris Elementary School	High	1949		1950	40,613	215	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Lane_sch09	Lane_sch09B	Eugene SD 4J	Harris Elementary School	High	1949		1950	40,613	215	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Lane_sch09	Lane_sch09C	Eugene SD 4J	Harris Elementary School	High	1949		1950	40,613	215	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Lane_sch25	Lane_sch25A	Eugene SD 4J	Henry D Sheldon High School	High	1954		1960	213,805	1,634	Low-minor	Medium-yes	SER & RVS2006	B	RM1	2.3	S3	2.7	W2	3.3	RM1	2.3	Low (<1%)
Lane_sch25	Lane_sch25B	Eugene SD 4J	Henry D Sheldon High School	High	1954		1990	213,805	1,634		Medium-yes	SER & RVS2006	B	RM1	2.3					RM1	2.3	Low (<1%)
Lane_sch10	Lane_sch10A	Eugene SD 4J	Howard Elementary School	High	1949			45,775	313			SER	B	W2	1.3					W2	1.3	Moderate (>1%)
Lane_sch98	Lane_sch98A	Eugene SD 4J	James Madison Middle School	High	2005				414			NEW			-							Low (<1%)
Lane_sch17	Lane_sch17A	Eugene SD 4J	James Monroe Middle School	High	1964			81,051	634			SER	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Lane_sch13	Lane_sch13A	Eugene SD 4J	John F Kennedy Middle School	High	1964		1970	80,532	487	Low-minor		SER & RVS2006	B	S5	2.0	RM1	2.8			S5	2.0	Moderate (>1%)
Lane_sch13	Lane_sch13B	Eugene SD 4J	John F Kennedy Middle School	High	1964		1970	80,532	487	Low-minor	Medium-yes	SER & RVS2006	B	C3	1.1	RM1	2.3			C3	1.1	Moderate (>1%)
Lane_sch13	Lane_sch13C	Eugene SD 4J	John F Kennedy Middle School	High	1964		1970	80,532	487	Medium-yes	Medium-yes	SER & RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Lane_sch13	Lane_sch13D	Eugene SD 4J	John F Kennedy Middle School	High	1964		1970	80,532	487	Medium-yes	Medium-yes	SER & RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Lane_sch13	Lane_sch13E	Eugene SD 4J	John F Kennedy Middle School	High	1964		1970	80,532	487	Low-minor	Medium-yes	SER & RVS2006	B	RM1	2.3					RM1	2.3	Low (<1%)
Lane_sch13	Lane_sch13F	Eugene SD 4J	John F Kennedy Middle School	High	1964		1970	80,532	487			SER & RVS2006	B	RM1	2.8					RM1	2.8	Low (<1%)
Lane_sch13	Lane_sch13G	Eugene SD 4J	John F Kennedy Middle School	High	1964		1970	80,532	487	Medium-yes		SER & RVS2006	B	RM1	1.8					RM1	1.8	Moderate (>1%)
Lane_sch15	Lane_sch15A	Eugene SD 4J	McCornack Elementary School	High	1967			49,133	419			SER	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Lane_sch16	Lane_sch16A	Eugene SD 4J	Meadowlark Elementary School	High	1960			21,119	200			SER	B	W2	1.3					W2	1.3	Moderate (>1%)
Lane_sch24	Lane_sch24A	Eugene SD 4J	North Eugene High School	High	1958		1970	212,181	1,215	Medium-yes	Medium-yes	SER & RVS2006	B	C2	1.3	RM1	1.3	S3	2.7	C2	1.3	Moderate (>1%)
Lane_sch24	Lane_sch24B	Eugene SD 4J	North Eugene High School	High	1958	1958	1950	212,181	1,215	Medium-yes	Medium-yes	SER & RVS2006	B	W2	1.3	RM1	1.3			W2	1.3	Moderate (>1%)
Lane_sch24	Lane_sch24C	Eugene SD 4J	North Eugene High School	High	1958		1970	212,181	1,215	Medium-yes	Medium-yes	SER & RVS2006	B	S3	2.7	W1	1.4	RM1	1.3	RM1	1.3	Moderate (>1%)
Lane_sch24	Lane_sch24D	Eugene SD 4J	North Eugene High School	High	1958		1950	212,181	1,215			SER & RVS2006	B	RM1	2.8					RM1	2.8	Low (<1%)
Lane_sch91	Lane_sch91A	Eugene SD 4J	Ridgeline Montessori	High			1950		226	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Lane_sch91	Lane_sch91B	Eugene SD 4J	Ridgeline Montessori	High			1950		226	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Lane_sch91	Lane_sch91C	Eugene SD 4J	Ridgeline Montessori	High			1950		226	Medium-yes	Medium-yes	RVS2006	B	W2	1.3	C2	1.3			W2	1.3	Moderate (>1%)
Lane_sch18	Lane_sch18A	Eugene SD 4J	River Road Elementary School	High	1953			50,381	314			SER	B	W2	1.3					W2	1.3	Moderate (>1%)
Lane_sch26	Lane_sch26A	Eugene SD 4J	South Eugene High School	High	1951		1950	309,614	1,698	Medium-yes	Medium-yes	SER & RVS2006	B	C2	1.3	C1	0.5			C1	0.5	High (>10%)
Lane_sch26	Lane_sch26B	Eugene SD 4J	South Eugene High School	High	1951		1990	309,614	1,698		Medium-yes	SER & RVS2006	B	S3	2.7					S3	2.7	Low (<1%)
Lane_sch26	Lane_sch26C	Eugene SD 4J	South Eugene High School	High	1951		1990	309,614	1,698	Medium-yes		SER & RVS2006	B	RM1	1.8					RM1	1.8	Moderate (>1%)
Lane_sch20	Lane_sch20A	Eugene SD 4J	Spencer Butte Middle School	High	1960			82,414	447			SER	B	PC1	2.1					PC1	2.1	Low (<1%)
Lane_sch21	Lane_sch21A	Eugene SD 4J	Spring Creek Elementary School	High	1964		1960	37,569	421	Low-minor	Medium-yes	SER & RVS2006	B	W2	3.3					W2	3.3	Low (<1%)
Lane_sch21	Lane_sch21B	Eugene SD 4J	Spring Creek Elementary School	High	1964		1960	37,569	421	Low-minor	Medium-yes	SER & RVS2006	B	RM1	2.3	W2	3.3			RM1	2.3	Low (<1%)
Lane_sch19	Lane_sch19A	Eugene SD 4J	Theodore Roosevelt Middle Scho	High	1950		1950	105,770	672	Medium-yes	Medium-yes	SER & RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Lane_sch19	Lane_sch19B	Eugene SD 4J	Theodore Roosevelt Middle Scho	High	1950		1980	105,770	672	Medium-yes	Medium-yes	SER & RVS2006	B	W2	3.7	S3	2.7			S3	2.7	Low (<1%)
Lane_sch19	Lane_sch19C	Eugene SD 4J	Theodore Roosevelt Middle Scho	High	1950		1970	105,770	672	Medium-yes	Low-minor	SER & RVS2006	B	W2	1.8	RM1	1.8			W2	1.8	Moderate (>1%)
Lane_sch11	Lane_sch11A	Eugene SD 4J	Thomas Jefferson Middle School	High	1956		1970	80,190	266		Low-minor	SER & RVS2006	C	W2	3.4					W2	3.4	Low (<1%)
Lane_sch22	Lane_sch22A	Eugene SD 4J	Twin Oaks Elementary School	High	1958		1950	33,910	252	Medium-yes	Medium-yes	SER & RVS2006	C	RM1	0.9	W2	0.9			RM1	0.9	High (>10%)
Lane_sch22	Lane_sch22B	Eugene SD 4J	Twin Oaks Elementary School	High	1958		1990	33,910	252	Medium-yes	Medium-yes	SER & RVS2006	C	W1	3.8					W1	3.8	Low (<1%)
Lane_sch82	Lane_sch82A	Eugene SD 4J	Village School	High			1950		198	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Lane_sch82	Lane_sch82B	Eugene SD 4J	Village School	High			1950		198	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Lane_sch82	Lane_sch82C	Eugene SD 4J	Village School	High			1950		198	Medium-yes	Medium-yes	RVS2006	B	C2	1.3	W2	1.3			C2	1.3	Moderate (>1%)
Lane_sch23	Lane_sch23A	Eugene SD 4J	Willagillespie Elementary School	High	1925			57,500	266			SER	B	W2	0.3					W2	0.3	High (>10%)
Lane_sch27	Lane_sch27A	Eugene SD 4J	Winston Churchill High School	High	1966		1970	232,466	1,330			SER & RVS2006	C	RM1	2.4					RM1	2.4	Low (<1%)
Lane_sch27	Lane_sch27B	Eugene SD 4J	Winston Churchill High School	High	1966		1960	232,466	1,330	Medium-yes	Medium-yes	SER & RVS2006	C	RM1	0.9	C2	0.9	PC2	0.5	PC2	0.5	High (>10%)
Lane_sch27	Lane_sch27C	Eugene SD 4J	Winston Churchill High School	High	1966		1990	232,466	1,330		Medium-yes	SER & RVS2006	B	RM1	2.3					RM1	2.3	Low (<1%)
Lane_sch74	Lane_sch74A	Eugene SD 4J	Yujin Gakuen (Japanese) School	High	1961		1960	22,220	309		Medium-yes	RVS2006	B	W2	3.3					W2	3.3	Low (<1%)
Lane_sch74	Lane_sch74B	Eugene SD 4J	Yujin Gakuen (Japanese) School	High	1961		1970	22,220	309			RVS2006	B	W2	3.8					W2	3.8	Low (<1%)
Lane_sch74	Lane_sch74C	Eugene SD 4J	Yujin Gakuen (Japanese) School	High	1961		1960	22,220	309			RVS2006	B	W2	3.8					W2	3.8	Low (<1%)
Lane_sch44	Lane_sch44A	Fern Ridge SD 28J	Elmira Elementary School	High	1945		1980	36,486	287			RVS2006	D	RM1	2.2					RM1	2.2	Low (<1%)
Lane_sch44	Lane_sch44B	Fern Ridge SD 28J	Elmira Elementary School	High	1945		1940	36,486	287	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Lane_sch44	Lane_sch44C	Fern Ridge SD 28J	Elmira Elementary School	High	1945		1980	36,486	287	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	W1	1.4			RM1	0.7	High (>10%)
Lane_sch47	Lane_sch47A	Fern Ridge SD 28J	Elmira High School	High	1964	1964	1960	97,688	509		Medium-yes	RVS2006	D	RM1	1.7					RM1	1.7	Moderate (>1%)
Lane_sch47	Lane_sch47B	Fern Ridge SD 28J	Elmira High School	High	1964	1964	1960	97,688	509	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	W2	0.5			W2	0.5	High (>10%)
Lane_sch47	Lane_sch47C	Fern Ridge SD 28J	Elmira High School	High	1964	1964	1960	97,688	509	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	W2	0.5			W2	0.5	High (>10%)
Lane_sch47	Lane_sch47D	Fern Ridge SD 28J	Elmira High School	High	1964	1964	1960	97,688	509			RVS2006	D	RM1	2.2					RM1	2.2	Low (<1%)
Lane_sch45	Lane_sch45A	Fern Ridge SD 28J	Fern Ridge Middle School	High	1961		1960	94,036	396	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Lane_sch45	Lane_sch45B	Fern Ridge SD 28J	Fern Ridge Middle School	High	1961		1960	94,036	396	Medium-yes	Medium-yes	RVS2006	D	W2	0.5	RM1	0.7			W2	0.5	High (>10%)

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Lane_sch46	Lane_sch46A	Fern Ridge SD 28J	Veneta Elementary School	High	1945		1960	44,283	303	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					**RM1**	**0.7**	High (>10%)
Lane_sch46	Lane_sch46B	Fern Ridge SD 28J	Veneta Elementary School	High	1945		1980	44,283	303		Medium-yes	RVS2006	D	**W2**	**4.9**					**W2**	**4.9**	Low (<1%)
Wash_sch23	Wash_sch23A	Forest Grove SD 15	Cornelius Elementary School	High	1945		1960	47,445	384	Medium-yes	Medium-yes	RVS2006	C	PC1	1.7	**C2**	**0.9**			**C2**	**0.9**	High (>10%)
Wash_sch23	Wash_sch23B	Forest Grove SD 15	Cornelius Elementary School	High	1945		1940	47,445	384	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**	RM1	0.9			**W2**	**0.9**	High (>10%)
Wash_sch23	Wash_sch23C	Forest Grove SD 15	Cornelius Elementary School	High	1945		1990	47,445	384	Medium-yes	Medium-yes	RVS2006	C	S1	0.9	**S2**	**0.6**			**S2**	**0.6**	High (>10%)
Wash_sch24	Wash_sch24A	Forest Grove SD 15	Dilley Elementary School	High	1942		1950	33,112	250	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Wash_sch24	Wash_sch24B	Forest Grove SD 15	Dilley Elementary School	High	1942		1960	33,112	250	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Wash_sch17	Wash_sch17A	Forest Grove SD 15	Echo Shaw Elementary School	High	1975	1975	1970	53,684	449	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**	RM1	0.9			**W2**	**0.9**	High (>10%)
Wash_sch106	Wash_sch106A	Forest Grove SD 15	Fern Hill Elementary School	High	2000		2000		318			NEW	C		-							Low (<1%)
Wash_sch27	Wash_sch27A	Forest Grove SD 15	Forest Grove High School	High	1983	1983	1980	267,784	1,707	Medium-yes	Medium-yes	RVS2006	C	**C1**	**0.1**	PC1	1.7	C2	0.9	**C1**	**0.1**	High (>10%)
Wash_sch27	Wash_sch27B	Forest Grove SD 15	Forest Grove High School	High	1983	1983	1980	267,784	1,707	Medium-yes	Medium-yes	RVS2006	C	**PC1**	**1.7**					**PC1**	**1.7**	Moderate (>1%)
Wash_sch27	Wash_sch27C	Forest Grove SD 15	Forest Grove High School	High	1983		1980	267,784	1,707	Medium-yes	Medium-yes	RVS2006	C	**C1**	**0.1**					**C1**	**0.1**	High (>10%)
Wash_sch27	Wash_sch27D	Forest Grove SD 15	Forest Grove High School	High	1983		1990	267,784	1,707	Medium-yes	Medium-yes	RVS2006	C	**S2**	**0.6**					**S2**	**0.6**	High (>10%)
Wash_sch27	Wash_sch27E	Forest Grove SD 15	Forest Grove High School	High	1983		1980	267,784	1,707	Medium-yes	Medium-yes	RVS2006	C	**PC1**	**1.7**					**PC1**	**1.7**	Moderate (>1%)
Wash_sch27	Wash_sch27F	Forest Grove SD 15	Forest Grove High School	High	1983	1983	1980	267,784	1,707	Medium-yes	Medium-yes	RVS2006	C	**C1**	**0.1**	PC2	0.5			**C1**	**0.1**	High (>10%)
Wash_sch25	Wash_sch25A	Forest Grove SD 15	Harvey Clarke Elementary Schoo	High	1949		1950	54,110	415	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**	C2	0.9			**W2**	**0.9**	High (>10%)
Wash_sch25	Wash_sch25B	Forest Grove SD 15	Harvey Clarke Elementary Schoo	High	1949		1950	54,110	415	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**					**RM1**	**0.9**	High (>10%)
Wash_sch25	Wash_sch25C	Forest Grove SD 15	Harvey Clarke Elementary Schoo	High	1949		1980	54,110	415	Medium-yes	Medium-yes	RVS2006	C	W2	3.3	**S3**	**2.3**			**S3**	**2.3**	Low (<1%)
Wash_sch26	Wash_sch26A	Forest Grove SD 15	Joseph Gale Elementary School	High	1954		1960	37,487	296	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Wash_sch10	Wash_sch10A	Forest Grove SD 15	Neil Armstrong Middle School	High	1970	1970	1970	136,410	946	Medium-yes	Medium-yes	RVS2006	C	**C2**	**0.9**	PC1	1.7			**C2**	**0.9**	High (>10%)
Wash_sch10	Wash_sch10B	Forest Grove SD 15	Neil Armstrong Middle School	High	1970		1990	136,410	946		Medium-yes	RVS2006	C	**RM1**	**1.9**					**RM1**	**1.9**	Moderate (>1%)
Wash_sch10	Wash_sch10C	Forest Grove SD 15	Neil Armstrong Middle School	High	1970		1970	136,410	946	Medium-yes	Medium-yes	RVS2006	C	PC1	1.7	**C2**	**0.9**			**C2**	**0.9**	High (>10%)
Wash_sch21	Wash_sch21A	Forest Grove SD 15	Tom McCall Upper Elementary	High	1952	1952	1950	114,708	905	Medium-yes	Medium-yes	RVS2006	D	**C2**	**0.7**	RM1	0.7			**C2**	**0.7**	High (>10%)
Whee_sch04	Whee_sch04A	Fossil SD 21J	Fossil Elementary School	Moderate	1925		1900	23,680	64	Medium-yes	Medium-yes	RVS2006	C	**URM**	**0.6**					**URM**	**0.6**	High (>10%)
Whee_sch04	Whee_sch04B	Fossil SD 21J	Fossil Elementary School	Moderate	1925		1930	23,680	64	Medium-yes	Medium-yes	RVS2006	C	W2	0.3	**RM1**	**(0.1)**			**RM1**	**(0.1)**	**Very High (100%)**
Whee_sch03	Whee_sch03A	Fossil SD 21J	Wheeler High School	Moderate	1950		1940	21,088	26	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**	C2	0.3			**RM1**	**0.3**	High (>10%)
Wash_sch80	Wash_sch80A	Gaston SD 511J	Gaston Elementary School	High	1951		1950	28,820	232	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Wash_sch80	Wash_sch80B	Gaston SD 511J	Gaston Elementary School	High	1951		1970	28,820	232	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Wash_sch80	Wash_sch80C	Gaston SD 511J	Gaston Elementary School	High	1951		1940	28,820	231	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Wash_sch81	Wash_sch81A	Gaston SD 511J	Gaston Jr/Sr High School	High	1987		1970	16,766	277	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**	S3	2.3			**RM1**	**0.9**	High (>10%)
Wash_sch81	Wash_sch81B	Gaston SD 511J	Gaston Jr/Sr High School	High	1987		1970	16,766	277	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**					**RM1**	**0.9**	High (>10%)
Mari_sch47	Mari_sch47A	Gervais SD 1	Brooks Elementary School	High	1990	1990	1990	32,584	243	Medium-yes	Medium-yes	RVS2006	D	W2	2.9	**PC1**	**1.5**			**PC1**	**1.5**	Moderate (>1%)
Mari_sch89	Mari_sch89A	Gervais SD 1	Eldriedge Elementary School	High	1979		1980	13,420	166	Medium-yes	Medium-yes	RVS2006	D	**PC1**	**1.5**					**PC1**	**1.5**	Moderate (>1%)
Mari_sch58	Mari_sch58A	Gervais SD 1	Gervais High School	High	1963		1960	70,040	312	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.5**	C2	0.7	S1	0.7	**W2**	**0.5**	High (>10%)
Mari_sch58	Mari_sch58B	Gervais SD 1	Gervais High School	High	1963		1960	70,040	312	Medium-yes	Medium-yes	RVS2006	D	**C2**	**0.7**					**C2**	**0.7**	High (>10%)
Mari_sch48	Mari_sch48A	Gervais SD 1	Gervais Middle School	High	1990		1930	66,044	351	Medium-yes	Medium-yes	RVS2006	D	**W2**	**(0.5)**					**W2**	**(0.5)**	**Very High (100%)**
Mari_sch48	Mari_sch48B	Gervais SD 1	Gervais Middle School	High	1990	1990	1990	66,044	351	Medium-yes	Medium-yes	RVS2006	D	**PC1**	**1.5**					**PC1**	**1.5**	Moderate (>1%)
Mari_sch48	Mari_sch48C	Gervais SD 1	Gervais Middle School	High	1990	1990	1990	66,044	351	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					**RM1**	**0.7**	High (>10%)
Mari_sch48	Mari_sch48D	Gervais SD 1	Gervais Middle School	High	1990		1970	66,044	351			RVS2006	D	**W1**	**4.4**					**W1**	**4.4**	Low (<1%)
Mari_sch48	Mari_sch48E	Gervais SD 1	Gervais Middle School	High	1990		1950	66,044	351	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.5**					**W2**	**0.5**	High (>10%)
Clac_sch64	Clac_sch64A	Gladstone SD 115	Gladstone High School	High	1965	1965	1960	144,000	835	Medium-yes	Medium-yes	RVS2006	B	**C2**	**1.3**	PC1	2.1	RM1	1.3	**C2**	**1.3**	Moderate (>1%)
Clac_sch64	Clac_sch64B	Gladstone SD 115	Gladstone High School	High	1965		1980	144,000	835	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**					**RM1**	**1.3**	Moderate (>1%)
Clac_sch64	Clac_sch64C	Gladstone SD 115	Gladstone High School	High	1965		1980	144,000	835			RVS2006	B	**S3**	**3.2**					**S3**	**3.2**	Low (<1%)
Clac_sch63	Clac_sch63A	Gladstone SD 115	John Wetten Elementary School	High			1990		720	Medium-yes	Medium-yes	RVS2006	B	W2	3.7	**S2**	**1.0**			**S2**	**1.0**	High (>10%)
Clac_sch63	Clac_sch63B	Gladstone SD 115	John Wetten Elementary School	High			1950		720	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**					**RM1**	**1.3**	Moderate (>1%)
Clac_sch63	Clac_sch63C	Gladstone SD 115	John Wetten Elementary School	High			1980		720			RVS2006	B	C2	2.8	**PC1**	**2.6**			**PC1**	**2.6**	Low (<1%)
Clac_sch90	Clac_sch90A	Gladstone SD 115	Walter L Kraxberger Middle Scho	High	1969		1960	76,000	676	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**					**RM1**	**1.3**	Moderate (>1%)
Clac_sch90	Clac_sch90B	Gladstone SD 115	Walter L Kraxberger Middle Scho	High	1969		1980	76,000	676	Medium-yes	Medium-yes	RVS2006	B	W2	3.7	**S2**	**1.0**			**S2**	**1.0**	High (>10%)
Clac_sch90	Clac_sch90C	Gladstone SD 115	Walter L Kraxberger Middle Scho	High	1969		1980	76,000	676	Medium-yes	Medium-yes	RVS2006	B	**PC1**	**2.1**					**PC1**	**2.1**	Low (<1%)
Clac_sch90	Clac_sch90D	Gladstone SD 115	Walter L Kraxberger Middle Scho	High	1969		1980	76,000	676	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**					**RM1**	**1.3**	Moderate (>1%)
Doug_sch22	Doug_sch22A	Glendale SD 77	Glendale Elementary School	High	1977		1970	58,512	241	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Doug_sch23	Doug_sch23A	Glendale SD 77	Glendale High School	High	1976		1980	54,626	235	Medium-yes	Medium-yes	RVS2006	C	**W2**	**3.3**					**W2**	**3.3**	Low (<1%)
Doug_sch23	Doug_sch23B	Glendale SD 77	Glendale High School	High	1976		1980	54,626	235		Medium-yes	RVS2006	C	**W1**	**6.3**					**W1**	**6.3**	Low (<1%)
Doug_sch23	Doug_sch23C	Glendale SD 77	Glendale High School	High	1976		1980	54,626	235		Medium-yes	RVS2006	D	**W1**	**6.3**					**W1**	**6.3**	Low (<1%)
Doug_sch23	Doug_sch23D	Glendale SD 77	Glendale High School	High	1976		1980	54,626	235		Medium-yes	RVS2006	D	**W1**	**6.3**					**W1**	**6.3**	Low (<1%)
Doug_sch11	Doug_sch11A	Glide SD 12	Glide Elementary School	High	1963		1960	52,180	349		Low-minor	RVS2006	C	**RM1**	**2.4**					**RM1**	**2.4**	Low (<1%)
Doug_sch11	Doug_sch11B	Glide SD 12	Glide Elementary School	High	1963		1960	52,180	349	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**	PC1	1.7			**RM1**	**0.9**	High (>10%)
Doug_sch12	Doug_sch12A	Glide SD 12	Glide High School	High	1951		1950	66,898	291	Low-minor	Low-minor	RVS2006	C	RM1	2.4	**URM**	**1.4**			**URM**	**1.4**	Moderate (>1%)
Doug_sch12	Doug_sch12B	Glide SD 12	Glide High School	High	1951		1950	66,898	291	Medium-yes	Low-minor	RVS2006	C	RM1	1.4	**URM**	**0.4**			**URM**	**0.4**	High (>10%)
Doug_sch12	Doug_sch12C	Glide SD 12	Glide High School	High	1951		1950	66,898	291	Medium-yes	Medium-yes	RVS2006	C	W2	0.9	RM1	0.9	**URM**	**(0.1)**	**URM**	**(0.1)**	**Very High (100%)**
Doug_sch12	Doug_sch12D	Glide SD 12	Glide High School	High	1951		1950	66,898	291		Medium-yes	RVS2006	C	RM1	1.9	**URM**	**0.9**			**URM**	**0.9**	High (>10%)
Jose_sch20	Jose_sch20A	Grants Pass SD 7	Allen Dale Elementary School	High	1961		1960	48,829	487	Medium-yes	Medium-yes	RVS2006	B	**C2**	**1.3**					**C2**	**1.3**	Moderate (>1%)
Jose_sch20	Jose_sch20B	Grants Pass SD 7	Allen Dale Elementary School	High	1961		1990	48,524	487		Medium-yes	RVS2006	B	**C2**	**4.7**					**C2**	**4.7**	Low (<1%)
Jose_sch06	Jose_sch06A	Grants Pass SD 7	Grants Pass High School	High	1997			277,774	1,994			NEW	C		-							Low (<1%)
Jose_sch21	Jose_sch21A	Grants Pass SD 7	Highland Elementary School	High	1957		1940	63,077	409	Medium-yes	Low-minor	RVS2006	B	**RM1**	**1.8**					**RM1**	**1.8**	Moderate (>1%)
Jose_sch01	Jose_sch01A	Grants Pass SD 7	Lincoln Elementary School	High	1991		1980	47,060	447	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**	W2	3.3			**RM1**	**0.9**	High (>10%)
Jose_sch02	Jose_sch02A	Grants Pass SD 7	North Middle School	High	1967		1960	86,303	670	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**					**RM1**	**1.3**	Moderate (>1%)
Jose_sch02	Jose_sch02B	Grants Pass SD 7	North Middle School	High	1967		1960	86,303	670			RVS2006	B	**RM1**	**2.8**					**RM1**	**2.8**	Low (<1%)
Jose_sch02	Jose_sch02C	Grants Pass SD 7	North Middle School	High	1967		1960	86,303	670	Medium-yes		RVS2006	B	**RM1**	**1.8**					**RM1**	**1.8**	Moderate (>1%)
Jose_sch18	Jose_sch18A	Grants Pass SD 7	Parkside Elementary	High	1997			47,755	356			NEW	C		-							Low (<1%)
Jose_sch03	Jose_sch03A	Grants Pass SD 7	Redwood Elementary School	High	1945		1980	47,376	475	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**	W2	3.7			**RM1**	**1.3**	Moderate (>1%)
Jose_sch04	Jose_sch04A	Grants Pass SD 7	Riverside Elementary School	High	1961		1960	47,376	401	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**					**RM1**	**0.9**	High (>10%)
Jose_sch04	Jose_sch04B	Grants Pass SD 7	Riverside Elementary School	High	1961		1970	131,240	401			RVS2006	C	**RM1**	**2.4**					**RM1**	**2.4**	Low (<1%)
Jose_sch05	Jose_sch05A	Grants Pass SD 7	South Middle School	High	1958		1940	74,921	666	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**					**RM1**	**0.9**	High (>10%)
Linn_sch38	Linn_sch38A	Greater Albany SD 8J	Calapooia Middle School	High	1963			96,315	743	Medium-yes	Medium-yes	FEMA154	D	**C2**	**0.7**	PC1	1.5			**C2**	**0.7**	High (>10%)

Project Facility Tracking Data: Site Unique ID	Building Unique ID	Public K12 District_Name	Individual Public K12 Facility Name	USGS Seismic Zone	ODE Yr Built	Field Plaque	Estimate Decade	Facility Sq Ft	Students Enrolled	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	NEHRP Soil	Primary First	1 RVS	Secondary Second	2 RVS	Tertiary Tertiary	3 RVS	Type Final	F RVS	FEMA 154-Based Collapse Potential
Linn_sch37	Linn_sch37A	Greater Albany SD 8J	Central Elementary School	High	1920			48,453	234			FEMA154	D	URM	1.0					URM	1.0	High (>10%)
Linn_sch01	Linn_sch01A	Greater Albany SD 8J	Clover Ridge Elementary School	High	1915			36,750	305			FEMA154	D	W2	2.0					W2	2.0	Moderate (>1%)
Bent_sch22	Bent_sch22A	Greater Albany SD 8J	Fir Grove Primary School	High	1963			19,796	172			SER	C	RM1	0.9					RM1	0.9	High (>10%)
Linn_sch05	Linn_sch05A	Greater Albany SD 8J	Lafayette Elementary School	High	1960			44,754	390			FEMA154	D	W2	3.0					W2	3.0	Low (<1%)
Linn_sch06	Linn_sch06A	Greater Albany SD 8J	Liberty Elementary School	High	1985			37,150	411			FEMA154	D	W2	5.4					W2	5.4	Low (<1%)
Linn_sch07	Linn_sch07A	Greater Albany SD 8J	Memorial Middle School	High	1963			100,815	636			FEMA154	D	C2	2.2					C2	2.2	Low (<1%)
Bent_sch20	Bent_sch20A	Greater Albany SD 8J	North Albany Elementary School	High	1949			28,347	298			SER	C	RM1	0.9					RM1	0.9	High (>10%)
Bent_sch21	Bent_sch21A	Greater Albany SD 8J	North Albany Middle School	High	1966			100,514	581			SER	C	C2	0.9					C2	0.9	High (>10%)
Linn_sch08	Linn_sch08A	Greater Albany SD 8J	Oak Elementary School	High	1971			42,240	290			FEMA154	D	W2	3.0					W2	3.0	Low (<1%)
Bent_sch23	Bent_sch23A	Greater Albany SD 8J	Oak Grove Intermediate	High	1948			59,681	159			SER	C	RM1	0.9					RM1	0.9	High (>10%)
Linn_sch02	Linn_sch02A	Greater Albany SD 8J	Periwinkle Elementary School	High	1977	1977	1970	38,325	484	Medium-yes	Medium-yes	FEMA154	D	W2	0.5					W2	0.5	High (>10%)
Linn_sch12	Linn_sch12A	Greater Albany SD 8J	South Albany High School	High	1970			167,408	1,265			FEMA154	D	PC1	2.0					PC1	2.0	Moderate (>1%)
Linn_sch10	Linn_sch10A	Greater Albany SD 8J	South Shore Elementary School	High	1971			47,040	410			FEMA154	D	W2	3.0					W2	3.0	Low (<1%)
Linn_sch09	Linn_sch09A	Greater Albany SD 8J	Sunrise Elementary School	High	1949			50,648	407			FEMA154	D	W2	3.0					W2	3.0	Low (<1%)
Linn_sch44	Linn_sch44A	Greater Albany SD 8J	Takena Elementary School	High	1971			31,393	134			FEMA154	D	W2	3.0					W2	3.0	Low (<1%)
Linn_sch39	Linn_sch39A	Greater Albany SD 8J	Tangent Elementary School	High	1965			25,000	204			FEMA154	D	W2	3.0					W2	3.0	Low (<1%)
Linn_sch36	Linn_sch36A	Greater Albany SD 8J	Waverly Elementary School	High	1949			42,480	214			FEMA154	D	W2	3.0					W2	3.0	Low (<1%)
Linn_sch11	Linn_sch11A	Greater Albany SD 8J	West Albany High School	High	1953			135,672	1,303			FEMA154	D	C2	2.2					C2	2.2	Low (<1%)
Mult_sch34	Mult_sch34A	Gresham-Barlow SD 1(	Clear Creek Middle School	High	1993			116,668	688			MISSED	B		-							Low (<1%)
Clac_sch98	Clac_sch98A	Gresham-Barlow SD 1(	Damascus Middle School	High	1929			73,705	362			MISSED	B		-							High (>10%)
Mult_sch47	Mult_sch47A	Gresham-Barlow SD 1(	Deep Creek Elementary School	High	1975			63,195	345			MISSED	B		-							High (>10%)
Mult_sch128	Mult_sch128A	Gresham-Barlow SD 1(	Dexter McCarty Middle School	High	1968			107,623	649			MISSED	B		-							High (>10%)
Mult_sch129	Mult_sch129A	Gresham-Barlow SD 1(	East Gresham Elementary Schoc	High	1950			68,391	505			MISSED	B		-							High (>10%)
Mult_sch136	Mult_sch136A	Gresham-Barlow SD 1(	East Orient Elementary School	High	1945			45,000	484			MISSED	B		-							High (>10%)
Mult_sch66	Mult_sch66A	Gresham-Barlow SD 1(	Gordon Russell Middle School	High	1978			111,628	793			MISSED	B		-							High (>10%)
Mult_sch26	Mult_sch26A	Gresham-Barlow SD 1(	Gresham High School	High	1914			214,800	1,812			MISSED	B		-							High (>10%)
Mult_sch131	Mult_sch131A	Gresham-Barlow SD 1(	Hall Elementary School	High	1980			58,804	509			MISSED	B		-							High (>10%)
Mult_sch130	Mult_sch130A	Gresham-Barlow SD 1(	Highland Elementary School	High	1971			58,944	550			MISSED	B		-							High (>10%)
Mult_sch40	Mult_sch40A	Gresham-Barlow SD 1(	Hogan Cedars Elementary Schoc	High	2002			66,000	526			NEW	B		-							Low (<1%)
Mult_sch132	Mult_sch132A	Gresham-Barlow SD 1(	Hollydale Elementary School	High	1979		1970	57,113	438	Medium-yes	Medium-yes	RVS2006	B	C2	1.3	S2	1.0	RM1	1.3	S2	1.0	High (>10%)
Mult_sch61	Mult_sch61A	Gresham-Barlow SD 1(	Kelly Creek Elementary School	High	1993			97,546	503			MISSED	B		-							Low (<1%)
Mult_sch133	Mult_sch133A	Gresham-Barlow SD 1(	North Gresham Elementary Scho	High	1960			52,548	517			MISSED	B		-							High (>10%)
Mult_sch134	Mult_sch134A	Gresham-Barlow SD 1(	Powell Valley Elementary School	High	1910			59,706	497			MISSED	B		-							High (>10%)
Mult_sch27	Mult_sch27A	Gresham-Barlow SD 1(	Sam Barlow High School	High	1968			287,308	1,900			MISSED	B		-							High (>10%)
Mult_sch162	Mult_sch162A	Gresham-Barlow SD 1(	Springwater Trail High School	High	2002			29,000	163			NEW	B		-							Low (<1%)
Mult_sch135	Mult_sch135A	Gresham-Barlow SD 1(	West Gresham Elementary Scho	High	1923			43,552	365			MISSED	C		-							High (>10%)
Mult_sch137	Mult_sch137A	Gresham-Barlow SD 1(	West Orient Middle School	High	1929			76,425	400			MISSED	B		-							High (>10%)
Harn_sch02	Harn_sch02A	Harney County SD 3	Burns High School	Moderate	1959		1950	67,876	315	Medium-yes	Medium-yes	RVS2006	C	W2	0.5					W2	0.5	High (>10%)
Harn_sch03	Harn_sch03A	Harney County SD 3	Henry L Slater Elementary Schoc	Moderate	1917	1948	1940	45,595	428	Medium-yes	Medium-yes	RVS2006	C	W2	0.5	C2	0.3			C2	0.3	High (>10%)
Harn_sch03	Harn_sch03B	Harney County SD 3	Henry L Slater Elementary Schoc	Moderate	1917		1970	45,595	428		Medium-yes	RVS2006	C	RM1	2.3					RM1	2.3	Low (<1%)
Harn_sch03	Harn_sch03C	Harney County SD 3	Henry L Slater Elementary Schoc	Moderate	1917		1950	45,595	428	Medium-yes	Medium-yes	RVS2006	C	W2	0.5					W2	0.5	High (>10%)
Harn_sch05	Harn_sch05A	Harney County SD 3	Hines Middle School	Moderate	1930	1931	1930		252	Medium-yes	Medium-yes	RVS2006	D	URM	0.2					URM	0.2	High (>10%)
Harn_sch05	Harn_sch05B	Harney County SD 3	Hines Middle School	Moderate	1930		1950		252	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)	RM1	(0.1)			C2	(0.1)	Very High (100%)
Harn_sch05	Harn_sch05C	Harney County SD 3	Hines Middle School	Moderate	1930		1950		252		Medium-yes	RVS2006	D	C2	1.9	RM1	1.9			C2	1.9	Moderate (>1%)
Harn_sch04	Harn_sch04A	Harney County SD 4	Crane Elementary School	Moderate	1961	1961	1960	18,000	80	Medium-yes		RVS2006	D	W2	0.6	S3	2.8			W2	0.6	High (>10%)
Harn_sch01	Harn_sch01A	Harney County Union H	Crane Union High School	Moderate	1950	1972	1970	38,432	84	Medium-yes		RVS2006	D	W2	0.6	S3	2.8			W2	0.6	High (>10%)
Harn_sch01	Harn_sch01B	Harney County Union H	Crane Union High School	Moderate	1950	1972	1970	38,432	84			RVS2006	D	S3	2.8	W2	3.6			S3	2.8	Low (<1%)
Harn_sch01	Harn_sch01C	Harney County Union H	Crane Union High School	Moderate	1950	1972	1970	38,432	84	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	C2	(0.1)			C2	(0.1)	Very High (100%)
Linn_sch14	Linn_sch14A	Harrisburg SD 7J	Harrisburg Elementary School	High	1949	1936	1930	32,854	408	Medium-yes	Medium-yes	RVS2006	D	C2	(0.3)					C2	(0.3)	Very High (100%)
Linn_sch14	Linn_sch14B	Harrisburg SD 7J	Harrisburg Elementary School	High	1949	1993	1990	32,854	408			RVS2006	D	RM1	2.2					RM1	2.2	Low (<1%)
Linn_sch14	Linn_sch14C	Harrisburg SD 7J	Harrisburg Elementary School	High	1949		1950	32,854	408		Medium-yes	RVS2006	D	RM1	1.7	C2	1.7			RM1	1.7	Moderate (>1%)
Linn_sch14	Linn_sch14D	Harrisburg SD 7J	Harrisburg Elementary School	High	1949		1970	32,854	408	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Linn_sch14	Linn_sch14E	Harrisburg SD 7J	Harrisburg Elementary School	High	1949		1990	32,854	408		Medium-yes	RVS2006	D	RM1	1.7					RM1	1.7	Moderate (>1%)
Linn_sch14	Linn_sch14F	Harrisburg SD 7J	Harrisburg Elementary School	High	1949	1959	1950	32,854	408	Medium-yes	Medium-yes	RVS2006	D	C2	0.7	W2	0.5			W2	0.5	High (>10%)
Linn_sch29	Linn_sch29A	Harrisburg SD 7J	Harrisburg High School	High	1973	1973	1970	69,826	275	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Linn_sch29	Linn_sch29B	Harrisburg SD 7J	Harrisburg High School	High	1973		1990	69,826	275			RVS2006	D	RM1	2.2					RM1	2.2	Low (<1%)
Linn_sch29	Linn_sch29C	Harrisburg SD 7J	Harrisburg High School	High	1973		1970	69,826	275	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	W2	0.5			W2	0.5	High (>10%)
Linn_sch29	Linn_sch29D	Harrisburg SD 7J	Harrisburg High School	High	1973		1980	69,826	275	Medium-yes	Medium-yes	RVS2006	D	S3	2.1					S3	2.1	Low (<1%)
Linn_sch29	Linn_sch29E	Harrisburg SD 7J	Harrisburg High School	High	1973		1970	69,826	275			RVS2006	D	RM1	2.2					RM1	2.2	Low (<1%)
Linn_sch40	Linn_sch40A	Harrisburg SD 7J	Harrisburg Middle School	High	1936	1936	1930	25,493	189	Medium-yes	Medium-yes	RVS2006	D	C2	(0.3)					C2	(0.3)	Very High (100%)
Linn_sch40	Linn_sch40B	Harrisburg SD 7J	Harrisburg Middle School	High	1936	1993	1990		189			RVS2006	D	RM1	2.2					RM1	2.2	Low (<1%)
Linn_sch40	Linn_sch40C	Harrisburg SD 7J	Harrisburg Middle School	High	1936		1950		189		Medium-yes	RVS2006	D	RM1	1.7	C2	1.7			RM1	1.7	Moderate (>1%)
Linn_sch40	Linn_sch40D	Harrisburg SD 7J	Harrisburg Middle School	High	1936		1970		189	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Linn_sch40	Linn_sch40E	Harrisburg SD 7J	Harrisburg Middle School	High	1936	1993	1990		189		Medium-yes	RVS2006	D	RM1	1.7					RM1	1.7	Moderate (>1%)
Linn_sch40	Linn_sch40F	Harrisburg SD 7J	Harrisburg Middle School	High	1936	1959	1950		189	Medium-yes		RVS2006	D	C2	1.2	W2	1.0			W2	1.0	High (>10%)
Umat_sch29	Umat_sch29A	Helix SD 1	Helix School	Moderate	1945	1923	1920	15,214	174	Medium-yes	Medium-yes	RVS2006	C	URM	0.6					URM	0.6	High (>10%)
Umat_sch29	Umat_sch29B	Helix SD 1	Helix School	Moderate	1945		1970	15,214	174	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3	W2	0.5			RM1	0.3	High (>10%)
Umat_sch29	Umat_sch29C	Helix SD 1	Helix School	Moderate	1945		1940	15,214	174			RVS2006	C	W1	5.0					W1	5.0	Low (<1%)
Umat_sch29	Umat_sch29D	Helix SD 1	Helix School	Moderate	1945		1970	15,214	174	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Umat_sch07	Umat_sch07A	Hermiston SD 8	Armand Larive Middle School	Moderate	1936		1930	86,410	466	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Umat_sch07	Umat_sch07B	Hermiston SD 8	Armand Larive Middle School	Moderate	1936		1940	86,410	466	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)	PC1	1.9			C2	(0.1)	Very High (100%)
Umat_sch07	Umat_sch07C	Hermiston SD 8	Armand Larive Middle School	Moderate	1936		1950	86,410	466	Medium-yes	Medium-yes	RVS2006	C	C2	0.3					C2	0.3	High (>10%)
Umat_sch07	Umat_sch07D	Hermiston SD 8	Armand Larive Middle School	Moderate	1936		1950	86,410	466	Medium-yes	Medium-yes	RVS2006	C	C2	0.3					C2	0.3	High (>10%)
Umat_sch07	Umat_sch07E	Hermiston SD 8	Armand Larive Middle School	Moderate	1936		1960	86,410	466	Medium-yes	Medium-yes	RVS2006	C	C2	0.3	PC1	2.1			C2	0.3	High (>10%)
Umat_sch20	Umat_sch20A	Hermiston SD 8	Desert View Elementary School	Moderate	2001			45,441	443			NEW	D		-							Low (<1%)

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Umat_sch08	Umat_sch08A	Hermiston SD 8	Hermiston High School	Moderate	2000			167,000	1,307			NEW	C		-							Low (<1%)
Umat_sch03	Umat_sch03A	Hermiston SD 8	Highland Hills Elementary Schoo	Moderate	1980	1980	1980	38,600	530			RVS2006	C	PC1	2.6					PC1	2.6	Low (<1%)
Umat_sch03	Umat_sch03B	Hermiston SD 8	Highland Hills Elementary Schoo	Moderate	1980		1980	38,600	530			RVS2006	C	PC1	2.6					PC1	2.6	Low (<1%)
Umat_sch03	Umat_sch03C	Hermiston SD 8	Highland Hills Elementary Schoo	Moderate	1980		1980	38,600	530	Medium-yes	Medium-yes	RVS2006	C	PC1	2.1	RM1	0.3			RM1	0.3	High (>10%)
Umat_sch04	Umat_sch04A	Hermiston SD 8	Rocky Heights Elementary Schoc	Moderate	1962	1962	1960	40,062	408	Medium-yes	Medium-yes	RVS2006	D	PC1	1.7	C2	(0.1)			C2	(0.1)	Very High (100%)
Umat_sch04	Umat_sch04B	Hermiston SD 8	Rocky Heights Elementary Schoc	Moderate	1962		1980	40,062	408	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)	W2	1.7			RM1	(0.1)	Very High (100%)
Umat_sch19	Umat_sch19A	Hermiston SD 8	Sandstone Middle School	Moderate	1995			85,000	624			NEW	B		-							Low (<1%)
Umat_sch05	Umat_sch05A	Hermiston SD 8	Sunset Elementary School	Moderate	1957	1957	1950	80,196	457	Medium-yes	Medium-yes	RVS2006	C	C2	0.3	PC1	2.1			C2	0.3	High (>10%)
Umat_sch05	Umat_sch05B	Hermiston SD 8	Sunset Elementary School	Moderate	1957		1950		457			RVS2006	C	C2	2.8	PC1	2.6			PC1	2.6	Low (<1%)
Umat_sch05	Umat_sch05C	Hermiston SD 8	Sunset Elementary School	Moderate	1957		1950		457			RVS2006	C	C2	2.8	PC1	2.6			PC1	2.6	Low (<1%)
Umat_sch05	Umat_sch05D	Hermiston SD 8	Sunset Elementary School	Moderate	1957		1950		457			RVS2006	C	C2	2.8	PC1	2.6			PC1	2.6	Low (<1%)
Umat_sch06	Umat_sch06A	Hermiston SD 8	West Park Elementary School	Moderate	1950		1950	49,875	406	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)					C2	(0.1)	Very High (100%)
Umat_sch06	Umat_sch06B	Hermiston SD 8	West Park Elementary School	Moderate	1950		1950	49,875	406			RVS2006	D	C2	2.4					C2	2.4	Low (<1%)
Umat_sch06	Umat_sch06C	Hermiston SD 8	West Park Elementary School	Moderate	1950		1950	49,875	406			RVS2006	D	C2	2.4					C2	2.4	Low (<1%)
Umat_sch06	Umat_sch06D	Hermiston SD 8	West Park Elementary School	Moderate	1950		1950	49,875	406		Medium-yes	RVS2006	D	C2	1.9	PC1	1.7			PC1	1.7	Moderate (>1%)
Wash_sch22	Wash_sch22A	Hillsboro SD 1J	Brookwood Elementary School	High	1953			40,641	558			SER	D	C2	0.7					C2	0.7	High (>10%)
Wash_sch39	Wash_sch39A	Hillsboro SD 1J	Butternut Creek Elementary Schc	High	1977			42,638	442			RETROFITTED	D	W2	0.5					W2	0.5	Moderate (>1%)
Wash_sch95	Wash_sch95A	Hillsboro SD 1J	Century High School	High	1997			270,000	1,492			NEW	C		-							Low (<1%)
Wash_sch01	Wash_sch01A	Hillsboro SD 1J	David Hill Elementary School	High	1948			33,904	332			SER	D	W2	0.5					W2	0.5	High (>10%)
Wash_sch03	Wash_sch03A	Hillsboro SD 1J	Eastwood Elementary School	High	1977			45,963	505			SER	D	W2	0.5					W2	0.5	High (>10%)
Wash_sch83	Wash_sch83A	Hillsboro SD 1J	Evergreen Jr High School	High	1980			120,000	778			SER	D	PC1	1.5					PC1	1.5	Moderate (>1%)
Wash_sch75	Wash_sch75A	Hillsboro SD 1J	Farmington View Elementary Sch	High	1949			20,467	226			RETROFITTED	C	C2	0.9					C2	0.9	Moderate (>1%)
Wash_sch84	Wash_sch84A	Hillsboro SD 1J	Glencoe High School	High	1979			249,600	1,443			SER	C	PC2	0.5					PC2	0.5	High (>10%)
Wash_sch116	Wash_sch116A	Hillsboro SD 1J	Groner Elementary School	High	1948	1949	1940	32,402	206	Medium-yes	Medium-yes	RETROFITTED	D	W2	0.5	C2	0.7			W2	0.5	Moderate (>1%)
Wash_sch116	Wash_sch116B	Hillsboro SD 1J	Groner Elementary School	High	1948		1950	32,402	206	Medium-yes	Medium-yes	RETROFITTED	D	W2	0.5					W2	0.5	Moderate (>1%)
Wash_sch116	Wash_sch116C	Hillsboro SD 1J	Groner Elementary School	High	1948		1950	32,402	206	Medium-yes	Medium-yes	RETROFITTED	C	W2	0.9					W2	0.9	Moderate (>1%)
Wash_sch19	Wash_sch19A	Hillsboro SD 1J	Hillsboro High School	High	1968			256,652	1,474			SER	D	PC1	1.5					PC1	1.5	Moderate (>1%)
Wash_sch104	Wash_sch104A	Hillsboro SD 1J	Imlay Elementary School	High	2002				656			NEW	D		-							Low (<1%)
Wash_sch40	Wash_sch40A	Hillsboro SD 1J	Indian Hills Elementary School	High	1979			45,181	399			RETROFITTED	D	W2	2.9					W2	2.9	Low (<1%)
Wash_sch05	Wash_sch05A	Hillsboro SD 1J	Mooberry Elementary School	High	1963	1963	1960	215,000	543		Medium-yes	RETROFITTED	D	W2	2.5	RM1	1.7	URM	0.7	URM	0.7	Moderate (>1%)
Wash_sch05	Wash_sch05B	Hillsboro SD 1J	Mooberry Elementary School	High	1963		1970	215,000	543		Medium-yes	RETROFITTED	D	S3	2.1	W1	3.9			S3	2.1	Low (<1%)
Wash_sch110	Wash_sch110A	Hillsboro SD 1J	J W Poynter Middle School	High	1959			102,691	721			SER	D	C2	0.7					C2	0.7	High (>10%)
Wash_sch86	Wash_sch86A	Hillsboro SD 1J	Jackson Elementary School	High	1989			48,367	656			RETROFITTED	D	W2	2.9					W2	2.9	Low (<1%)
Wash_sch42	Wash_sch42A	Hillsboro SD 1J	Ladd Acres Elementary School	High	1967			60,825	603			RETROFITTED	D	C2	0.7					C2	0.7	Moderate (>1%)
Wash_sch108	Wash_sch108A	Hillsboro SD 1J	Lenox Elementary School	High	1978			51,074	440			SER	C	W2	0.9					W2	0.9	High (>10%)
Wash_sch107	Wash_sch107A	Hillsboro SD 1J	Liberty High School	High	2003			290,000	1,268			NEW	C		-							Low (<1%)
Wash_sch04	Wash_sch04A	Hillsboro SD 1J	Minter Bridge Elementary School	High	1979			47,563	362			SER	D	W2	2.9					W2	2.9	Low (<1%)
Wash_sch13	Wash_sch13A	Hillsboro SD 1J	JB Thomas Middle School	High	1963			47,096	543			RETROFITTED	D	C2	0.7					C2	0.7	Moderate (>1%)
Wash_sch76	Wash_sch76A	Hillsboro SD 1J	North Plains Elementary School	High	1954			46,913	310			SER	D	C2	0.7					C2	0.7	High (>10%)
Wash_sch101	Wash_sch101A	Hillsboro SD 1J	Orenco Elementary School	High	2000			69,435	594			NEW	C		-							Low (<1%)
Wash_sch100	Wash_sch100A	Hillsboro SD 1J	Paul L Patterson Elementary Sch	High	2000			69,435	677			NEW	D		-							Low (<1%)
Wash_sch06	Wash_sch06A	Hillsboro SD 1J	Peter Boscow Elementary Schoo	High	1922			60,750	388			SER	D	C2	(0.3)					C2	(0.3)	Very High (100%)
Wash_sch82	Wash_sch82A	Hillsboro SD 1J	R A Brown Middle School	High	1963			94,215	875			SER	C	PC1	1.7					PC1	1.7	Moderate (>1%)
Wash_sch41	Wash_sch41A	Hillsboro SD 1J	Reedville Elementary School	High	1922			16,247	352			RETROFITTED	D	W2	(0.5)					W2	(0.5)	Moderate (>1%)
Wash_sch89	Wash_sch89A	Hillsboro SD 1J	Tobias Elementary School	High	1992			52,650	563			SER	D	W2	2.9					W2	2.9	Low (<1%)
Wash_sch12	Wash_sch12A	Hillsboro SD 1J	W L Henry Elementary School	High	1968			48,813	616			RETROFITTED	D	W2	0.5					W2	0.5	Moderate (>1%)
Wash_sch02	Wash_sch02A	Hillsboro SD 1J	W Verne McKinney Elementary S	High	1970			53,129	533			RETROFITTED	C	W2	0.9					W2	0.9	Moderate (>1%)
Wash_sch20	Wash_sch20A	Hillsboro SD 1J	West Union Elementary School	High	1948			42,757	349			RETROFITTED	C	W2	0.9					W2	0.9	Moderate (>1%)
Wash_sch43	Wash_sch43A	Hillsboro SD 1J	Witch Hazel Elementary School	High	2004			18,440	489			NEW	C	C2	4.8					C2	4.8	Low (<1%)
Hood_sch08	Hood_sch08A	Hood River County SD	Cascade Locks School	Moderate	1948	1948	1940	41,783	186	Low-minor	Medium-yes	RVS2006	D	C2	1.9					C2	1.9	Moderate (>1%)
Hood_sch08	Hood_sch08B	Hood River County SD	Cascade Locks School	Moderate	1948	1948	1940	41,783	186	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	C2	(0.1)			C2	(0.1)	Very High (100%)
Hood_sch08	Hood_sch08C	Hood River County SD	Cascade Locks School	Moderate	1948	1992	1990	41,783	186		Medium-yes	RVS2006	D	RM1	1.9	C2	3.5			RM1	1.9	Moderate (>1%)
Hood_sch05	Hood_sch05A	Hood River County SD	Hood River Middle School	Moderate	1927	1927	1920	88,483	451	Medium-yes	Medium-yes	RVS2006	D	URM	0.2	C2	(0.5)			C2	(0.5)	Very High (100%)
Hood_sch05	Hood_sch05B	Hood River County SD	Hood River Middle School	Moderate	1927	1979	1970	88,483	451	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Hood_sch05	Hood_sch05C	Hood River County SD	Hood River Middle School	Moderate	1927	2001	2000	88,483	451	Medium-yes	Medium-yes	RVS2006	D	C2	1.5	RM1	1.9			C2	1.5	Moderate (>1%)
Hood_sch04	Hood_sch04A	Hood River County SD	Hood River Valley High School	Moderate	1970	2002	2000	180,295	1,239		Medium-yes	RVS2006	C	S2	3.7					S2	3.7	Low (<1%)
Hood_sch04	Hood_sch04B	Hood River County SD	Hood River Valley High School	Moderate	1970	1970	1970	180,295	1,239	Medium-yes	Medium-yes	RVS2006	C	PC1	2.1					PC1	2.1	Low (<1%)
Hood_sch04	Hood_sch04C	Hood River County SD	Hood River Valley High School	Moderate	1970	1970	1970	180,295	1,239	Medium-yes	Medium-yes	RVS2006	C	PC1	2.1					PC1	2.1	Low (<1%)
Hood_sch04	Hood_sch04D	Hood River County SD	Hood River Valley High School	Moderate	1970	1970	1970	180,295	1,239	Medium-yes	Medium-yes	RVS2006	C	PC1	2.1					PC1	2.1	Low (<1%)
Hood_sch04	Hood_sch04E	Hood River County SD	Hood River Valley High School	Moderate	1970	1970	1970	180,295	1,239	Medium-yes	Medium-yes	RVS2006	C	PC1	2.1					PC1	2.1	Low (<1%)
Hood_sch06	Hood_sch06A	Hood River County SD	May Street Elementary School	Moderate	1957	1957	1950	44,354	422	Medium-yes	Medium-yes	RVS2006	D	S1	0.1	RM1	(0.1)			RM1	(0.1)	Very High (100%)
Hood_sch06	Hood_sch06B	Hood River County SD	May Street Elementary School	Moderate	1957		1940	44,354	422	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)					C2	(0.1)	Very High (100%)
Hood_sch06	Hood_sch06C	Hood River County SD	May Street Elementary School	Moderate	1957		2000	44,354	422		Medium-yes	RVS2006	D	S4	3.1	C2	3.5	RM1	3.9	S4	3.1	Low (<1%)
Hood_sch07	Hood_sch07A	Hood River County SD	Mid Valley Elementary School	Moderate	1937	1937	1930	68,162	409	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Hood_sch07	Hood_sch07B	Hood River County SD	Mid Valley Elementary School	Moderate	1937	1954	1950	68,162	409	Medium-yes	Medium-yes	RVS2006	C	C2	0.3	W2	0.5			C2	0.3	High (>10%)
Hood_sch07	Hood_sch07C	Hood River County SD	Mid Valley Elementary School	Moderate	1937		2000	68,162	409		Medium-yes	RVS2006	C	C2	3.9	S4	3.5			S4	3.5	Low (<1%)
Hood_sch01	Hood_sch01A	Hood River County SD	Parkdale Elementary School	Moderate	1937	1937	1930	40,311	267	Medium-yes	Medium-yes	RVS2006	D	C2	(0.5)					C2	(0.5)	Very High (100%)
Hood_sch01	Hood_sch01B	Hood River County SD	Parkdale Elementary School	Moderate	1937		1980	40,311	267		Medium-yes	RVS2006	D	C2	1.9	W2	4.7	PC1	1.7	PC1	1.7	Moderate (>1%)
Hood_sch01	Hood_sch01C	Hood River County SD	Parkdale Elementary School	Moderate	1937		2000	40,311	267		Medium-yes	RVS2006	D	RM1	3.9					RM1	3.9	Low (<1%)
Hood_sch09	Hood_sch09A	Hood River County SD	Pine Grove Elementary School	Moderate	1925		1920	22,540	127	Low-minor	Medium-yes	RVS2006	C	C2	1.9					C2	1.9	Moderate (>1%)
Hood_sch09	Hood_sch09B	Hood River County SD	Pine Grove Elementary School	Moderate	1925		1950	22,540	127			RVS2006	C	W2	4.0					W2	4.0	Low (<1%)
Hood_sch02	Hood_sch02A	Hood River County SD	Westside Elementary School	Moderate	1969	1969	1960	64,760	460		Medium-yes	RVS2006	C	W2	3.5	C2	2.3			C2	2.3	Low (<1%)
Hood_sch02	Hood_sch02B	Hood River County SD	Westside Elementary School	Moderate	1969	1969	1960	64,760	460	Medium-yes		RVS2006	C	W2	1.0	C2	0.8			C2	0.8	High (>10%)
Hood_sch02	Hood_sch02C	Hood River County SD	Westside Elementary School	Moderate	1969	1995	1990	64,760	460	Medium-yes		RVS2006	C	S2	2.2	W2	2.6			S2	2.2	Low (<1%)
Hood_sch02	Hood_sch02D	Hood River County SD	Westside Elementary School	Moderate	1969	1995	1990	64,760	460		Medium-yes	RVS2006	C	S2	3.7	W2	5.1	RM1	2.3	RM1	2.3	Low (<1%)

Project Facility Tracking Data: Site Unique ID	Building Unique ID	Public K12 District_Name	Individual Public K12 Facility Name	USGS Seismic Zone	ODE Yr Built	Field Plaque	Estimate Decade	Facility Sq Ft	Students Enrolled	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	NEHRP Soil	Primary First	1 RVS	Secondary Second	2 RVS	Tertiary Tertiary	3 RVS	Type Final	F RVS	FEMA 154-Based Collapse Potential
Hood_sch03	Hood_sch03A	Hood River County SD	Wy'East Middle School	Moderate	1951	1951	1950	84,616	460	Medium-yes	Medium-yes	RVS2006	E	C2	(0.5)					C2	(0.5)	Very High (100%)
Hood_sch03	Hood_sch03B	Hood River County SD	Wy'East Middle School	Moderate	1951		1970	84,616	460			RVS2006	E	PC1	1.6					PC1	1.6	Moderate (>1%)
Hood_sch03	Hood_sch03C	Hood River County SD	Wy'East Middle School	Moderate	1951		1960	84,616	460	Medium-yes	Medium-yes	RVS2006	E	W2	(0.5)					W2	(0.5)	Very High (100%)
Hood_sch03	Hood_sch03D	Hood River County SD	Wy'East Middle School	Moderate	1951		2000	84,616	460			RVS2006	E	S2	3.4	C2	3.6			S2	3.4	Low (<1%)
Hood_sch03	Hood_sch03E	Hood River County SD	Wy'East Middle School	Moderate	1951		2000	84,616	460		Medium-yes	RVS2006	E	C2	3.1	S2	2.9			S2	2.9	Low (<1%)
Unio_sch06	Unio_sch06A	Imbler SD 11	Imbler High School	Moderate	1977		1910		147	Medium-yes	Medium-yes	RVS2006	D	URM	0.2					URM	0.2	High (>10%)
Unio_sch06	Unio_sch06B	Imbler SD 11	Imbler High School	Moderate	1977		1930		147	Medium-yes	Medium-yes	RVS2006	D	W2	(0.1)					W2	(0.1)	Very High (100%)
Unio_sch06	Unio_sch06C	Imbler SD 11	Imbler High School	Moderate	1977		1950		147	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Unio_sch06	Unio_sch06D	Imbler SD 11	Imbler High School	Moderate	1977		1950		160	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Morr_sch05	Morr_sch05A	Ione SD R2	Ione School	Moderate	1961		1960	55,405	174	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3	C2	0.3			RM1	0.3	High (>10%)
Morr_sch05	Morr_sch05B	Ione SD R2	Ione School	Moderate	1961		1960	55,405	174	Medium-yes	Medium-yes	RVS2006	C	C2	0.3	RM1	0.3			C2	0.3	High (>10%)
Jeff_sch10	Jeff_sch10A	Jefferson County SD 5(	Buff Elementary School	Moderate	2005				261			NEW	D		-							Low (<1%)
Jeff_sch04	Jeff_sch04A	Jefferson County SD 5(	Jefferson County Middle School	Moderate	1995			124,288	678			NEW	C		-							Low (<1%)
Jeff_sch08	Jeff_sch08A	Jefferson County SD 5(	Madras Elementary School	Moderate	1939	1939	1930	52,428	277	Medium-yes	Medium-yes	RVS2006	D	C2	(0.5)	RM1	(0.5)	URM	0.2	C2	(0.5)	Very High (100%)
Jeff_sch08	Jeff_sch08B	Jefferson County SD 5(	Madras Elementary School	Moderate	1939		1940	52,428	277	Medium-yes	Medium-yes	RVS2006	D	W2	(0.1)					W2	(0.1)	Very High (100%)
Jeff_sch08	Jeff_sch08C	Jefferson County SD 5(	Madras Elementary School	Moderate	1939		1950	52,428	277	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Jeff_sch08	Jeff_sch08D	Jefferson County SD 5(	Madras Elementary School	Moderate	1939		1980	52,428	277			RVS2006	C	W2	5.6	RM1	2.8			RM1	2.8	Low (<1%)
Jeff_sch02	Jeff_sch02A	Jefferson County SD 5(	Madras High School	Moderate	1962		1960	92,076	916		Medium-yes	RVS2006	D	RM1	1.9					RM1	1.9	Moderate (>1%)
Jeff_sch02	Jeff_sch02B	Jefferson County SD 5(	Madras High School	Moderate	1962		1960		916	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)	RM1	(0.1)			C2	(0.1)	Very High (100%)
Jeff_sch02	Jeff_sch02C	Jefferson County SD 5(	Madras High School	Moderate	1962		1960		916		Medium-yes	RVS2006	C	RM1	2.3					RM1	2.3	Low (<1%)
Jeff_sch09	Jeff_sch09A	Jefferson County SD 5(	Metolius Elementary School	Moderate	1949		1940	31,080	237	Medium-yes	Medium-yes	RVS2006	C	C2	0.3	RM1	0.3			C2	0.3	High (>10%)
Jeff_sch09	Jeff_sch09B	Jefferson County SD 5(	Metolius Elementary School	Moderate	1949		1960	31,080	237	Medium-yes	Medium-yes	RVS2006	C	W2	0.5	C2	0.3			C2	0.3	High (>10%)
Jeff_sch01	Jeff_sch01A	Jefferson County SD 5(	Warm Springs Elementary Schoo	Moderate	1938		1950	45,105	388	Medium-yes	Medium-yes	RVS2006	C	C2	0.3	RM1	0.3			C2	0.3	High (>10%)
Jeff_sch01	Jeff_sch01B	Jefferson County SD 5(	Warm Springs Elementary Schoo	Moderate	1938		1960	45,105	388	Medium-yes	Medium-yes	RVS2006	C	C2	0.3	RM1	0.3			C2	0.3	High (>10%)
Jeff_sch01	Jeff_sch01C	Jefferson County SD 5(	Warm Springs Elementary Schoo	Moderate	1938		1990	45,105	388		Medium-yes	RVS2006	C	W2	5.1	S2	2.3			S2	2.3	Low (<1%)
Jeff_sch01	Jeff_sch01D	Jefferson County SD 5(	Warm Springs Elementary Schoo	Moderate	1938		1930	45,105	388	Medium-yes	Medium-yes	RVS2006	C	URM	0.6					URM	0.6	High (>10%)
Jeff_sch03	Jeff_sch03A	Jefferson County SD 5(	Westside Elementary School	Moderate	1964		1930	54,540	244	Medium-yes	Medium-yes	RVS2006	D	URM	0.2					URM	0.2	High (>10%)
Jeff_sch03	Jeff_sch03B	Jefferson County SD 5(	Westside Elementary School	Moderate	1964		1940	54,540	244	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)	RM1	(0.1)			C2	(0.1)	Very High (100%)
Jeff_sch03	Jeff_sch03C	Jefferson County SD 5(	Westside Elementary School	Moderate	1964		1950	54,540	244	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)	RM1	(0.1)			C2	(0.1)	Very High (100%)
Jeff_sch03	Jeff_sch03D	Jefferson County SD 5(	Westside Elementary School	Moderate	1964		1950	54,540	244	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)	RM1	(0.1)			C2	(0.1)	Very High (100%)
Jeff_sch03	Jeff_sch03E	Jefferson County SD 5(	Westside Elementary School	Moderate	1964		1980	54,540	244	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)	C2	(0.1)	W1	2.2	RM1	(0.1)	Very High (100%)
Jeff_sch03	Jeff_sch03F	Jefferson County SD 5(	Westside Elementary School	Moderate	1964		1960	54,540	244	Medium-yes	Medium-yes	RVS2006	D	C1	(0.5)	C2	(0.1)	W2	0.1	C1	(0.5)	Very High (100%)
Mari_sch05	Mari_sch05A	Jefferson SD 14J	Jefferson Elementary School	High	1939	1939	1930	31,524	389	Medium-yes	Medium-yes	RVS2006	D	W2	(0.5)					W2	(0.5)	Very High (100%)
Mari_sch05	Mari_sch05B	Jefferson SD 14J	Jefferson Elementary School	High	1939		1950	31,524	389		Medium-yes	RVS2006	D	C2	1.7					C2	1.7	Moderate (>1%)
Mari_sch05	Mari_sch05C	Jefferson SD 14J	Jefferson Elementary School	High	1939		1960	31,524	389	Medium-yes	Medium-yes	RVS2006	D	C2	0.7					C2	0.7	High (>10%)
Mari_sch07	Mari_sch07A	Jefferson SD 14J	Jefferson High School	High	1980	1980	1980	71,400	288	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Mari_sch07	Mari_sch07B	Jefferson SD 14J	Jefferson High School	High	1980	1980	1980	71,400	288	Medium-yes	Medium-yes	RVS2006	D	PC1	1.5					PC1	1.5	Moderate (>1%)
Mari_sch06	Mari_sch06A	Jefferson SD 14J	Jefferson Middle School	High	1952	1952	1950	30,956	200	Medium-yes	Medium-yes	RVS2006	D	C2	0.7					C2	0.7	High (>10%)
Mari_sch06	Mari_sch06B	Jefferson SD 14J	Jefferson Middle School	High	1952		1960	30,956	200	Medium-yes	Medium-yes	RVS2006	D	C2	0.7					C2	0.7	High (>10%)
Mari_sch06	Mari_sch06C	Jefferson SD 14J	Jefferson Middle School	High	1952		1960	30,956	200	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Clat_sch15	Clat_sch15A	Jewell SD 8	Jewell School	High	1974		1970	15,000	190	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Clat_sch15	Clat_sch15B	Jewell SD 8	Jewell School	High	1974		1960	15,000	190	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Clat_sch15	Clat_sch15C	Jewell SD 8	Jewell School	High	1974		1980	15,000	190	Medium-yes	Medium-yes	RVS2006	D	W2	2.9					W2	2.9	Low (<1%)
Gran_sch05	Gran_sch05A	John Day SD 3	Grant Union High School	Moderate	1936		1930	82,824	275	Medium-yes	Medium-yes	RVS2006	D	C2	(0.5)	URM	0.2			C2	(0.5)	Very High (100%)
Gran_sch05	Gran_sch05B	John Day SD 3	Grant Union High School	Moderate	1936		1950	82,824	275		Medium-yes	RVS2006	D	C2	1.9	RM1	1.9	PC1	1.7	PC1	1.7	Moderate (>1%)
Gran_sch05	Gran_sch05C	John Day SD 3	Grant Union High School	Moderate	1936		1950	82,824	275	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)	RM1	(0.1)			C2	(0.1)	Very High (100%)
Gran_sch05	Gran_sch05D	John Day SD 3	Grant Union High School	Moderate	1936		1940	82,824	275	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.5)	C2	(0.5)			RM1	(0.5)	Very High (100%)
Gran_sch05	Gran_sch05E	John Day SD 3	Grant Union High School	Moderate	1936		1970	82,824	275	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)	C2	(0.1)			RM1	(0.1)	Very High (100%)
Gran_sch06	Gran_sch06A	John Day SD 3	Humbolt Elementary School	Moderate	1956		1950	28,990	286	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	RM1	(0.1)			RM1	(0.1)	Very High (100%)
Gran_sch06	Gran_sch06B	John Day SD 3	Humbolt Elementary School	Moderate	1956		1960	28,990	286			RVS2006	D	W2	3.6	RM1	2.4			RM1	2.4	Low (<1%)
Gran_sch06	Gran_sch06C	John Day SD 3	Humbolt Elementary School	Moderate	1956		1970	28,990	286			RVS2006	D	W1	4.6	RM1	2.4			RM1	2.4	Low (<1%)
Gran_sch04	Gran_sch04A	John Day SD 3	Mount Vernon Middle School	Moderate	1916		1910	28,990	163	Medium-yes	Medium-yes	RVS2006	C	W2	0.3					W2	0.3	High (>10%)
Gran_sch04	Gran_sch04B	John Day SD 3	Mount Vernon Middle School	Moderate	1916		1940	28,990	163	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)	RM1	(0.1)			C2	(0.1)	Very High (100%)
Gran_sch04	Gran_sch04C	John Day SD 3	Mount Vernon Middle School	Moderate	1916		1940	28,990	163	Medium-yes	Medium-yes	RVS2006	C	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Gran_sch04	Gran_sch04D	John Day SD 3	Mount Vernon Middle School	Moderate	1916		1960	28,990	163	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Gran_sch04	Gran_sch04E	John Day SD 3	Mount Vernon Middle School	Moderate	1916		1970	28,990	163			RVS2006	C	W2	4.0					W2	4.0	Low (<1%)
Gran_sch07	Gran_sch07A	John Day SD 3	Seneca Elementary School	Moderate	1932		1930	13,674	61	Medium-yes	Medium-yes	RVS2006	D	C2	(0.5)	URM	0.2			C2	(0.5)	Very High (100%)
Gran_sch07	Gran_sch07B	John Day SD 3	Seneca Elementary School	Moderate	1932		1940	13,674	61	Medium-yes		RVS2006	D	C2	0.0	RM1	0.0			C2	0.0	Very High (100%)
Gran_sch07	Gran_sch07C	John Day SD 3	Seneca Elementary School	Moderate	1932		1950	13,674	61	Medium-yes	Medium-yes	RVS2006	D	S3	2.3	W2	0.1			W2	0.1	High (>10%)
Wall_sch07	Wall_sch07A	Joseph SD 6	Joseph Elementary School	Moderate	1940		1960	13,900	85		Medium-yes	RVS2006	D	RM1	1.9	C2	1.9	W2	3.1	RM1	1.9	Moderate (>1%)
Wall_sch06	Wall_sch06A	Joseph SD 6	Joseph High School	Moderate	1968		1960	50,800	118	Medium-yes	Medium-yes	RVS2006	D	W2	0.1					W2	0.1	High (>10%)
Wall_sch06	Wall_sch06B	Joseph SD 6	Joseph High School	Moderate	1968		1960	50,800	118			RVS2006	D	RM1	2.4					RM1	2.4	Low (<1%)
Lane_sch64	Lane_sch64A	Junction City SD 69	Junction City High School	High	1937		1950	205,500	630	Medium-yes	Medium-yes	RVS2006	D	W2	0.5	RM1	0.7			W2	0.5	High (>10%)
Lane_sch64	Lane_sch64B	Junction City SD 69	Junction City High School	High	1937	1966	1960	205,500	630	Medium-yes	Low-minor	RVS2006	D	RM1	1.2	W2	1.0			W2	1.0	High (>10%)
Lane_sch64	Lane_sch64C	Junction City SD 69	Junction City High School	High	1937	1966	1960	205,500	630	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	W2	0.5			W2	0.5	High (>10%)
Lane_sch64	Lane_sch64D	Junction City SD 69	Junction City High School	High	1937	1966	1960	205,500	630	Low-minor	Low-minor	RVS2006	D	W2	3.0					W2	3.0	Low (<1%)
Lane_sch64	Lane_sch64E	Junction City SD 69	Junction City High School	High	1937	1937	1930	205,500	630	Medium-yes	Medium-yes	RVS2006	D	W2	(0.5)					W2	(0.5)	Very High (100%)
Lane_sch62	Lane_sch62A	Junction City SD 69	Laurel Elementary School	High	1949		1950	53,102	558	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Lane_sch63	Lane_sch63A	Junction City SD 69	Oaklea Middle School	High	1976		1970	84,700	514	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	W2	0.5			W2	0.5	High (>10%)
Klam_sch03	Klam_sch03A	Klamath County SD	Altamont Elementary School	High	1937			39,032	275			SER	D	W2	(0.5)					W2	(0.5)	Very High (100%)
Klam_sch04	Klam_sch04A	Klamath County SD	Bonanza Elementary School	Moderate	1944				202			SER	C	URM	0.6					URM	0.6	High (>10%)
Klam_sch21	Klam_sch21A	Klamath County SD	Bonanza Junior/Senior High Sch	Moderate	1944			93,368	289			*MISSED*	C		-							High (>10%)
Klam_sch12	Klam_sch12A	Klamath County SD	Brixner Junior High School	High	1972			64,500	428			SER	D	RM1	0.7					RM1	0.7	High (>10%)
Klam_sch05	Klam_sch05A	Klamath County SD	Chiloquin Elementary School	Moderate	1955			28,266	256			SER	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Klam_sch14	Klam_sch14A	Klamath County SD	Chiloquin High School	Moderate	1937			73,680	282			SER	D	RM1	(0.5)					RM1	(0.5)	Very High (100%)

Project Facility Tracking Data: Site Unique ID	Building Unique ID	Public K12 District_Name	Individual Public K12 Facility Name	USGS Seismic Zone	ODE Yr Built	Field Plaque	Estimate Decade	Facility Sq Ft	Students Enrolled	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	NEHRP Soil	Primary First	1 RVS	Secondary Second	2 RVS	Tertiary Tertiary	3 RVS	Type Final	F RVS	FEMA 154-Based Collapse Potential
Klam_sch06	Klam_sch06A	Klamath County SD	Fairhaven Elementary School	High	1929			24,032	232			SER	B	W2	0.3					W2	0.3	High (>10%)
Klam_sch07	Klam_sch07A	Klamath County SD	Ferguson Elementary School	High	1954			39,575	531			SER	D	W2	0.5					W2	0.5	High (>10%)
Klam_sch25	Klam_sch25A	Klamath County SD	Gilchrist Elementary School	Moderate	1938			23,720	129			SER	C	W2	0.3					W2	0.3	High (>10%)
Klam_sch26	Klam_sch26A	Klamath County SD	Gilchrist Junior/Senior High Scho	Moderate	1938				155			*MISSED*	C		-							High (>10%)
Klam_sch08	Klam_sch08A	Klamath County SD	Henley Elementary School	High	1929			28,900	367			SER	D	W2	(0.5)					W2	(0.5)	Very High (100%)
Klam_sch15	Klam_sch15A	Klamath County SD	Henley High School	High	1964			121,200	657			SER	D	RM1	0.7					RM1	0.7	High (>10%)
Klam_sch13	Klam_sch13A	Klamath County SD	Henley Middle School	High	1949			54,525	468			SER	D	W2	0.5					W2	0.5	High (>10%)
Klam_sch27	Klam_sch27A	Klamath County SD	Keno Elementary School	High	1976			40,600	170			SER	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Klam_sch16	Klam_sch16A	Klamath County SD	Lost River High School	High	1970			66,650	287			SER	C	RM1	0.9					RM1	0.9	High (>10%)
Klam_sch28	Klam_sch28A	Klamath County SD	Malin Elementary School	High	1971			31,608	141			SER	D	RM1	0.7					RM1	0.7	High (>10%)
Klam_sch29	Klam_sch29A	Klamath County SD	Merrill Elementary School	High	1950			28,200	179			SER	D	W2	0.5					W2	0.5	High (>10%)
Klam_sch09	Klam_sch09A	Klamath County SD	Peterson Elementary School	High	1949	1949	1940	45,600	520	Medium-yes	Medium-yes	SER	D	W2	0.5					W2	0.5	High (>10%)
Klam_sch10	Klam_sch10A	Klamath County SD	Shasta Elementary School	High	1966			62,196	540			SER	C	RM1	0.9					RM1	0.9	High (>10%)
Klam_sch11	Klam_sch11A	Klamath County SD	Stearns Elementary School	High	1958			33,780	257			SER	D	RM1	0.7					RM1	0.7	High (>10%)
Klam_sch22	Klam_sch22A	Klamath Falls City Schc	Fairview Elementary School	High	1929		1920	39,448	279	Medium-yes	Medium-yes	RVS2006	C	URM	(0.3)					URM	(0.3)	Very High (100%)
Klam_sch22	Klam_sch22B	Klamath Falls City Schc	Fairview Elementary School	High	1929	1953	1950	39,448	279	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	RM1	0.9			C2	0.9	High (>10%)
Klam_sch22	Klam_sch22C	Klamath Falls City Schc	Fairview Elementary School	High	1929		1950	39,448	279	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	RM1	0.9			C2	0.9	High (>10%)
Klam_sch23	Klam_sch23A	Klamath Falls City Schc	Joseph Conger Elementary Scho	High	1930		1930	38,849	288	Medium-yes	Medium-yes	RVS2006	D	URM	(0.5)	C2	(0.3)			URM	(0.5)	Very High (100%)
Klam_sch23	Klam_sch23B	Klamath Falls City Schc	Joseph Conger Elementary Scho	High	1930		1940	38,849	288	Medium-yes	Medium-yes	RVS2006	D	C2	(0.3)	RM1	(0.3)			C2	(0.3)	Very High (100%)
Klam_sch23	Klam_sch23C	Klamath Falls City Schc	Joseph Conger Elementary Scho	High	1930		1960	38,849	288	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	C2	0.7	W1	1.4	RM1	0.7	High (>10%)
Klam_sch23	Klam_sch23D	Klamath Falls City Schc	Joseph Conger Elementary Scho	High	1930		1970	38,849	288	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	C2	0.7			RM1	0.7	High (>10%)
Klam_sch23	Klam_sch23E	Klamath Falls City Schc	Joseph Conger Elementary Scho	High	1930		1980	38,849	288	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	C2	0.7			RM1	0.7	High (>10%)
Klam_sch17	Klam_sch17A	Klamath Falls City Schc	Klamath Union High School	High	1928	1928	1920	206,740	961	Medium-yes	Medium-yes	RVS2006	C	URM	(0.3)					URM	(0.3)	Very High (100%)
Klam_sch17	Klam_sch17B	Klamath Falls City Schc	Klamath Union High School	High	1928		1930	206,740	961	Medium-yes		RVS2006	C	URM	0.2					URM	0.2	High (>10%)
Klam_sch17	Klam_sch17C	Klamath Falls City Schc	Klamath Union High School	High	1928		1930	206,740	961	Medium-yes	Medium-yes	RVS2006	C	URM	(0.3)					URM	(0.3)	Very High (100%)
Klam_sch17	Klam_sch17D	Klamath Falls City Schc	Klamath Union High School	High	1928		1930	206,740	961	Medium-yes		RVS2006	C	C2	0.4	URM	0.2			URM	0.2	High (>10%)
Klam_sch17	Klam_sch17E	Klamath Falls City Schc	Klamath Union High School	High	1928		1930	206,740	961	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)	URM	(0.3)	RM1	(0.1)	URM	(0.3)	Very High (100%)
Klam_sch17	Klam_sch17F	Klamath Falls City Schc	Klamath Union High School	High	1928		1940	206,740	961	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)	RM1	(0.1)			C2	(0.1)	Very High (100%)
Klam_sch17	Klam_sch17G	Klamath Falls City Schc	Klamath Union High School	High	1928		1950	206,740	961	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	RM1	0.9			C2	0.9	High (>10%)
Klam_sch18	Klam_sch18A	Klamath Falls City Schc	Mazama High School	High	1961		1960	129,664	978	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Klam_sch18	Klam_sch18B	Klamath Falls City Schc	Mazama High School	High	1961		1970	129,664	978	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Klam_sch18	Klam_sch18C	Klamath Falls City Schc	Mazama High School	High	1961		1990	129,664	978	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Klam_sch20	Klam_sch20A	Klamath Falls City Schc	Mills Elementary School	High	1919	1919	1910	59,914	485	Medium-yes	Medium-yes	RVS2006	D	URM	(0.5)					URM	(0.5)	Very High (100%)
Klam_sch20	Klam_sch20B	Klamath Falls City Schc	Mills Elementary School	High	1919	1949	1940	59,914	485	Medium-yes	Medium-yes	RVS2006	D	URM	(0.3)					URM	(0.3)	Very High (100%)
Klam_sch20	Klam_sch20C	Klamath Falls City Schc	Mills Elementary School	High	1919		1970	59,914	485	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Klam_sch01	Klam_sch01A	Klamath Falls City Schc	Pelican Elementary School	High	1921	1921	1920	31,287	185	Medium-yes	Low-minor	RVS2006	B	URM	0.6					URM	0.6	High (>10%)
Klam_sch01	Klam_sch01B	Klamath Falls City Schc	Pelican Elementary School	High	1921		1950	31,287	185	Medium-yes	Medium-yes	RVS2006	B	C2	1.3	RM1	1.3			C2	1.3	Moderate (>1%)
Klam_sch19	Klam_sch19A	Klamath Falls City Schc	Ponderosa Junior High School	High	1945		1940	84,435	478	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	RM1	0.9			C2	0.9	High (>10%)
Klam_sch19	Klam_sch19B	Klamath Falls City Schc	Ponderosa Junior High School	High	1945		1960	84,435	478	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	C2	0.9	W1	1.4	RM1	0.9	High (>10%)
Klam_sch19	Klam_sch19C	Klamath Falls City Schc	Ponderosa Junior High School	High	1945		1970	84,435	478	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	C2	0.9			RM1	0.9	High (>10%)
Klam_sch19	Klam_sch19D	Klamath Falls City Schc	Ponderosa Junior High School	High	1945		1990	84,435	478	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	W2	3.3	C2	3.3	RM1	0.9	High (>10%)
Klam_sch02	Klam_sch02A	Klamath Falls City Schc	Roosevelt Elementary School	High	1929	1929	1920	25,360	345	Medium-yes	Medium-yes	RVS2006	C	URM	(0.3)	C2	(0.1)	RM1	(0.1)	URM	(0.3)	Very High (100%)
Klam_sch02	Klam_sch02B	Klamath Falls City Schc	Roosevelt Elementary School	High	1929		1930	25,360	345	Medium-yes	Medium-yes	RVS2006	C	URM	(0.3)					URM	(0.3)	Very High (100%)
Klam_sch02	Klam_sch02C	Klamath Falls City Schc	Roosevelt Elementary School	High	1929		1940	25,360	345	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)	RM1	(0.1)	C3	(0.5)	C3	(0.5)	Very High (100%)
Clat_sch10	Clat_sch10A	Knappa SD 4	Hilda Lahti Elementary School	High	1967	1967	1960	50,000	345	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Clat_sch10	Clat_sch10B	Knappa SD 4	Hilda Lahti Elementary School	High	1967		1950	50,000	345	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Clat_sch10	Clat_sch10C	Knappa SD 4	Hilda Lahti Elementary School	High	1967		1980	50,000	345			RVS2006	D	S3	2.6					S3	2.6	Low (<1%)
Unio_sch09	Unio_sch09A	La Grande SD 1	Central Elementary School	Moderate	1960		1950	34,690	355	Medium-yes	Medium-yes	RVS2006	C	W2	0.5	RM1	0.3			RM1	0.3	High (>10%)
Unio_sch12	Unio_sch12A	La Grande SD 1	Greenwood Elementary School	Moderate	1960		1950	34,919	354	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	RM1	(0.1)			RM1	(0.1)	Very High (100%)
Unio_sch12	Unio_sch12B	La Grande SD 1	Greenwood Elementary School	Moderate	1960		1960	34,919	354	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)	RM1	(0.1)			C2	(0.1)	Very High (100%)
Unio_sch13	Unio_sch13A	La Grande SD 1	Island City Elementary School	Moderate	1970		1970	25,029	222	Medium-yes	Medium-yes	RVS2006	D	W2	0.1					W2	0.1	High (>10%)
Unio_sch13	Unio_sch13B	La Grande SD 1	Island City Elementary School	Moderate	1970		1970	25,029	222	Medium-yes	Medium-yes	RVS2006	D	PC1	1.7					PC1	1.7	Moderate (>1%)
Unio_sch03	Unio_sch03A	La Grande SD 1	La Grande High School	Moderate	1951		1950	162,327	761	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)	RM1	(0.1)			C2	(0.1)	Very High (100%)
Unio_sch03	Unio_sch03B	La Grande SD 1	La Grande High School	Moderate	1951		1970	162,327	761	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)	PC1	1.7	C1	(0.5)	C1	(0.5)	Very High (100%)
Unio_sch03	Unio_sch03C	La Grande SD 1	La Grande High School	Moderate	1951		1950	162,327	761	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Unio_sch03	Unio_sch03D	La Grande SD 1	La Grande High School	Moderate	1951		1970	162,327	761	Medium-yes	Medium-yes	RVS2006	D	PC1	1.7	S1	0.1			S1	0.1	High (>10%)
Unio_sch03	Unio_sch03E	La Grande SD 1	La Grande High School	Moderate	1951		1990	162,327	761			RVS2006	D	S3	2.8	RM1	2.4			RM1	2.4	Low (<1%)
Unio_sch02	Unio_sch02A	La Grande SD 1	La Grande Middle School	Moderate	1976	1976	1970	50,357	341	Medium-yes	Medium-yes	RVS2006	D	PC1	1.7					PC1	1.7	Moderate (>1%)
Unio_sch02	Unio_sch02B	La Grande SD 1	La Grande Middle School	Moderate	1976		1920	50,357	341	Medium-yes		RVS2006	D	URM	0.7					URM	0.7	High (>10%)
Unio_sch01	Unio_sch01A	La Grande SD 1	Willow Elementary School	Moderate	1924		1920	17,919	155	Medium-yes	Medium-yes	RVS2006	D	URM	0.2					URM	0.2	High (>10%)
Unio_sch01	Unio_sch01B	La Grande SD 1	Willow Elementary School	Moderate	1924		1950	17,919	155	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)	RM1	(0.1)			C2	(0.1)	Very High (100%)
Unio_sch01	Unio_sch01C	La Grande SD 1	Willow Elementary School	Moderate	1924		1950	17,919	155	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)	RM1	(0.1)			C2	(0.1)	Very High (100%)
Lake_sch04	Lake_sch04A	Lake County SD 7	Daly Middle School	Moderate	1910	1910	1910	47,814	119	Medium-yes	Medium-yes	RVS2006	E	URM	(0.6)					URM	(0.6)	Very High (100%)
Lake_sch04	Lake_sch04B	Lake County SD 7	Daly Middle School	Moderate	1910		1970	47,814	119	Medium-yes	Medium-yes	RVS2006	E	C2	(0.5)	W2	(0.5)			C2	(0.5)	Very High (100%)
Lake_sch02	Lake_sch02A	Lake County SD 7	Fremont/Hay Elementary School	Moderate	1920		1950	17,500	324	Medium-yes	Medium-yes	RVS2006	D	W2	0.1					W2	0.1	High (>10%)
Lake_sch02	Lake_sch02B	Lake County SD 7	Fremont/Hay Elementary School	Moderate	1920		1940	17,500	324	Medium-yes	Medium-yes	RVS2006	D	W2	(0.1)					W2	(0.1)	Very High (100%)
Lake_sch02	Lake_sch02C	Lake County SD 7	Fremont/Hay Elementary School	Moderate	1920		1920	17,500	324	Medium-yes	Medium-yes	RVS2006	D	W2	(0.1)					W2	(0.1)	Very High (100%)
Lake_sch05	Lake_sch05A	Lake County SD 7	Lakeview Senior High School	Moderate	1962	1962	1960	68,881	305	Medium-yes	Low-minor	RVS2006	E	W2	-					W2	-	Very High (100%)
Lake_sch05	Lake_sch05B	Lake County SD 7	Lakeview Senior High School	Moderate	1962	1962	1960	68,881	305	Medium-yes	Medium-yes	RVS2006	E	RM1	(0.5)	C2	(0.5)			RM1	(0.5)	Very High (100%)
Lake_sch05	Lake_sch05C	Lake County SD 7	Lakeview Senior High School	Moderate	1962		1930	68,881	305	Medium-yes	Medium-yes	RVS2006	D	URM	0.2	W2	(0.1)			W2	(0.1)	Very High (100%)
Clac_sch03	Clac_sch03A	Lake Oswego SD 7J	Bryant Elementary School	High	1966			50,135	291			SER	C	W2	0.9					W2	0.9	High (>10%)
Clac_sch04	Clac_sch04A	Lake Oswego SD 7J	Forest Hills Elementary School	High	1949			50,567	400			SER	D	W2	0.5					W2	0.5	High (>10%)
Clac_sch05	Clac_sch05A	Lake Oswego SD 7J	Hallinan Elementary School	High	1981			46,144	340			SER	B	W2	3.7					W2	3.7	Low (<1%)
Clac_sch06	Clac_sch06A	Lake Oswego SD 7J	Lake Grove Elementary School	High	1949			61,000	502			SER	C	W2	0.9					W2	0.9	High (>10%)
Clac_sch10	Clac_sch10A	Lake Oswego SD 7J	Lake Oswego Junior High Schoo	High	1956			106,474	592			SER	C	W2	0.9					W2	0.9	High (>10%)

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Clac_sch12	Clac_sch12A	Lake Oswego SD 7J	Lake Oswego Senior High Schoo	High	2005				1,278			NEW	B		-							Low (<1%)
Clac_sch13	Clac_sch13A	Lake Oswego SD 7J	Lakeridge High School	High	2005				1,062			NEW	B		-							Low (<1%)
Clac_sch74	Clac_sch74A	Lake Oswego SD 7J	Oak Creek Elementary School	High	1991			57,700	389			SER	C	S2	0.6					S2	0.6	High (>10%)
Clac_sch69	Clac_sch69A	Lake Oswego SD 7J	Palisades Elementary School	High	1959			42,846	353			SER	B	W2	1.3					W2	1.3	Moderate (>1%)
Clac_sch07	Clac_sch07A	Lake Oswego SD 7J	River Grove Elementary School	High	1968			46,289	289			SER	C	W2	0.9					W2	0.9	High (>10%)
Clac_sch08	Clac_sch08A	Lake Oswego SD 7J	Uplands Elementary School	High	1961			59,136	451			SER	B	W2	1.3					W2	1.3	Moderate (>1%)
Clac_sch11	Clac_sch11A	Lake Oswego SD 7J	Waluga Junior High School	High	1964			99,742	549			SER	C	W2	0.9					W2	0.9	High (>10%)
Clac_sch09	Clac_sch09A	Lake Oswego SD 7J	Westridge Elementary School	High	1981			46,144	328			SER	B	W2	3.7					W2	3.7	Low (<1%)
Linn_sch34	Linn_sch34A	Lebanon Community Sl	Cascades School	Moderate	1953		1950	38,291	390	Low-minor	Medium-yes	RVS2006	D	W2	3.1	RM1	1.9			RM1	1.9	Moderate (>1%)
Linn_sch34	Linn_sch34B	Lebanon Community Sl	Cascades School	Moderate	1953		1970	38,291	390	Medium-yes	Low-minor	RVS2006	D	RM1	0.4					RM1	0.4	High (>10%)
Linn_sch35	Linn_sch35A	Lebanon Community Sl	Green Acres School	Moderate	1948		1950	39,334	405	Medium-yes	Medium-yes	RVS2006	D	W2	0.1					W2	0.1	High (>10%)
Linn_sch13	Linn_sch13A	Lebanon Community Sl	Hamilton Creek School	Moderate	1972		1980	36,688	368	Medium-yes	Medium-yes	RVS2006	B	W2	2.9					W2	2.9	Low (<1%)
Linn_sch13	Linn_sch13B	Lebanon Community Sl	Hamilton Creek School	Moderate	1972		1990	36,688	368	Medium-yes		RVS2006	B	W2	3.4	S3	3.8			W2	3.4	Low (<1%)
Linn_sch20	Linn_sch20A	Lebanon Community Sl	Lacomb School	Moderate	1977		1970	32,550	247	Medium-yes	Low-minor	RVS2006	C	W2	1.0					W2	1.0	High (>10%)
Linn_sch20	Linn_sch20B	Lebanon Community Sl	Lacomb School	Moderate	1977		1990	32,550	247	Medium-yes	Medium-yes	RVS2006	C	W2	2.1					W2	2.1	Low (<1%)
Linn_sch28	Linn_sch28A	Lebanon Community Sl	Lebanon High School	Moderate	1957		1950	170,158	1,332	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)					C2	(0.1)	Very High (100%)
Linn_sch28	Linn_sch28B	Lebanon Community Sl	Lebanon High School	Moderate	1957		1950	170,158	1,332	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Linn_sch33	Linn_sch33A	Lebanon Community Sl	Pioneer School	Moderate	2001				471			NEW	D		-							Low (<1%)
Linn_sch32	Linn_sch32A	Lebanon Community Sl	Riverview School	Moderate	2002				471			NEW	D		-							Low (<1%)
Linn_sch31	Linn_sch31A	Lebanon Community Sl	Sand Ridge Charter School	Moderate	1932		1970		252	Low-minor	Medium-yes	RVS2006	B	W2	4.3					W2	4.3	Low (<1%)
Linn_sch31	Linn_sch31B	Lebanon Community Sl	Sand Ridge Charter School	Moderate	1932		1970		252	Medium-yes		RVS2006	B	S3	3.8					S3	3.8	Low (<1%)
Linn_sch31	Linn_sch31C	Lebanon Community Sl	Sand Ridge Charter School	Moderate	1932		1980		252			RVS2006	B	S3	3.8					S3	3.8	Low (<1%)
Linn_sch21	Linn_sch21A	Lebanon Community Sl	Seven Oak Middle School	Moderate	1955		1950	49,572	549		Medium-yes	RVS2006	D	W2	3.1	C2	1.9			C2	1.9	Moderate (>1%)
Linc_sch15	Linc_sch15A	Lincoln County SD	Eddyville Charter School	Very High	1924		1940	43,016	319	Medium-yes	Medium-yes	RVS2006	C	W2	(0.1)					W2	(0.1)	Very High (100%)
Linc_sch15	Linc_sch15B	Lincoln County SD	Eddyville Charter School	Very High	1924		1960	43,016	319	Medium-yes	Medium-yes	RVS2006	C	W2	0.9	RM1	0.9			W2	0.9	High (>10%)
Linc_sch15	Linc_sch15C	Lincoln County SD	Eddyville Charter School	Very High	1924		1980	43,016	319			RVS2006	C	W2	5.8					W2	5.8	Low (<1%)
Linc_sch17	Linc_sch17A	Lincoln County SD	Isaac Newton Magnet School	Very High	1998				376			NEW	B		-							Low (<1%)
Linc_sch14	Linc_sch14A	Lincoln County SD	Lincoln City Career Technical Hig	Very High	1993	1993	1990	25,500	56	Medium-yes	Medium-yes	RVS2006	B	RM2	3.9	C2	4.1	C1	0.9	C1	0.9	High (>10%)
Linc_sch13	Linc_sch13A	Lincoln County SD	Newport Early Childhood Center	Very High			1970		115			RVS2006	B	W1	4.4	RM1	2.8			RM1	2.8	Low (<1%)
Linc_sch09	Linc_sch09A	Lincoln County SD	Newport High School - East	Very High	1951	1951	1950	162,742	747	Medium-yes	Medium-yes	RVS2006	B	C2	1.3	RM1	1.3	S3	2.7	C2	1.3	Moderate (>1%)
Linc_sch09	Linc_sch09B	Lincoln County SD	Newport High School - East	Very High	1951		1980	162,742	747			RVS2006	B	RM1	2.8					RM1	2.8	Low (<1%)
Linc_sch09	Linc_sch09C	Lincoln County SD	Newport High School - East	Very High	1951		1980	162,742	747	Medium-yes	Medium-yes	RVS2006	B	W2	3.7	RM1	1.3			RM1	1.3	Moderate (>1%)
Linc_sch22	Linc_sch22A	Lincoln County SD	Newport High School - West	Very High	1950	1950	1950		10	Medium-yes	Medium-yes	RVS2006	B	C2	1.3	W2	1.3			C2	1.3	Moderate (>1%)
Linc_sch22	Linc_sch22B	Lincoln County SD	Newport High School - West	Very High	1950		1980		10	Medium-yes	Medium-yes	RVS2006	B	W2	3.7	RM1	1.3			RM1	1.3	Moderate (>1%)
Linc_sch01	Linc_sch01A	Lincoln County SD	Oceanlake Elementary School	Very High	1951	1951	1950	32,386	454	Medium-yes	Medium-yes	RVS2006	B	W2	1.3	RM1	1.3			W2	1.3	Moderate (>1%)
Linc_sch20	Linc_sch20A	Lincoln County SD	Olalla Center for Children & Fami	Very High	1978		1960	5,580	10	Medium-yes	Medium-yes	RVS2006	C	W1	1.4					W1	1.4	Moderate (>1%)
Linc_sch02	Linc_sch02A	Lincoln County SD	Sam Case Elementary School	Very High	1958		1950	44,314	358	Medium-yes	Medium-yes	RVS2006	B	C2	1.3					C2	1.3	Moderate (>1%)
Linc_sch18	Linc_sch18A	Lincoln County SD	Siletz Valley School	Very High	1937	1937	1930	64,665	180	Medium-yes	Medium-yes	RVS2006	C	W2	(0.1)	C2	(0.1)			W2	(0.1)	Very High (100%)
Linc_sch18	Linc_sch18B	Lincoln County SD	Siletz Valley School	Very High	1937	1950	1950	64,665	180	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	W2	0.9	C1	0.1	C1	0.1	High (>10%)
Linc_sch18	Linc_sch18C	Lincoln County SD	Siletz Valley School	Very High	1937	1961	1960	64,665	180		Medium-yes	RVS2006	C	C2	1.9	W2	2.9			C2	1.9	Moderate (>1%)
Linc_sch18	Linc_sch18D	Lincoln County SD	Siletz Valley School	Very High	1937	1952	1950	64,665	180	Medium-yes	Medium-yes	RVS2006	C	W2	0.9	C2	0.9			W2	0.9	High (>10%)
Linc_sch18	Linc_sch18E	Lincoln County SD	Siletz Valley School	Very High	1937	1959	1950	64,665	180			RVS2006	C	W1	4.4					W1	4.4	Low (<1%)
Linc_sch03	Linc_sch03A	Lincoln County SD	Taft Elementary School	Very High	1978		1930	72,363	430	Medium-yes	Medium-yes	RVS2006	B	W2	0.3					W2	0.3	High (>10%)
Linc_sch03	Linc_sch03B	Lincoln County SD	Taft Elementary School	Very High	1978		1970	72,363	430	Medium-yes	Medium-yes	RVS2006	C	W2	0.9	S3	2.3			W2	0.9	High (>10%)
Linc_sch03	Linc_sch03C	Lincoln County SD	Taft Elementary School	Very High	1978		1980	72,363	430			RVS2006	C	W1	6.8					W1	6.8	Low (<1%)
Linc_sch10	Linc_sch10A	Lincoln County SD	Taft High School	Very High	1998			154,000	556			NEW	B		-							Low (<1%)
Linc_sch04	Linc_sch04A	Lincoln County SD	Taft Middle School	Very High	1951	1951	1950	71,595	269	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3	W2	1.3			RM1	1.3	Moderate (>1%)
Linc_sch04	Linc_sch04B	Lincoln County SD	Taft Middle School	Very High	1951		1980	71,595	269			RVS2006	B	W1	6.8					W1	6.8	Low (<1%)
Linc_sch11	Linc_sch11A	Lincoln County SD	Toledo High School	Very High	1955	1997	1990	80,744	410	Medium-yes	Medium-yes	RVS2006	C	PC1	1.7					PC1	1.7	Moderate (>1%)
Linc_sch11	Linc_sch11B	Lincoln County SD	Toledo High School	Very High	1955	1955	1950	80,744	410	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Linc_sch11	Linc_sch11C	Lincoln County SD	Toledo High School	Very High	1955	1955	1950	80,744	410	Medium-yes	Medium-yes	RVS2006	C	W2	0.9	C2	0.9	RM1	0.9	W2	0.9	High (>10%)
Linc_sch05	Linc_sch05A	Lincoln County SD	Toledo Middle School	Very High	1987		1980	52,671	249	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Linc_sch06	Linc_sch06A	Lincoln County SD	Waldport Elementary School	Very High	1997			72,480	261			NEW	C		-							Low (<1%)
Linc_sch12	Linc_sch12A	Lincoln County SD	Waldport High School	Very High	1958		1960	47,063	291	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Linc_sch07	Linc_sch07A	Lincoln County SD	Waldport Middle School	Very High	1998			50,621	190			NEW	C		-							Low (<1%)
Linc_sch08	Linc_sch08A	Lincoln County SD	Yaquina View Elementary Schoo	Very High	1961	1961	1960	46,357	300	Medium-yes	Medium-yes	RVS2006	B	C2	1.3					C2	1.3	Moderate (>1%)
Linc_sch08	Linc_sch08B	Lincoln County SD	Yaquina View Elementary Schoo	Very High	1961		1970	46,357	300	Medium-yes	Medium-yes	RVS2006	B	W1	1.4	RM1	1.3			RM1	1.3	Moderate (>1%)
Linc_sch08	Linc_sch08C	Lincoln County SD	Yaquina View Elementary Schoo	Very High	1961		1990	46,357	300	Medium-yes	Medium-yes	RVS2006	B	W1	3.8	RM1	1.3			RM1	1.3	Moderate (>1%)
Gran_sch01	Gran_sch01A	Long Creek SD 17	Long Creek School	Moderate	1971		1950	11,885	50	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Gran_sch01	Gran_sch01B	Long Creek SD 17	Long Creek School	Moderate	1971		1960	11,885	50	Medium-yes	Medium-yes	RVS2006	C	W2	0.5					W2	0.5	High (>10%)
Gran_sch01	Gran_sch01C	Long Creek SD 17	Long Creek School	Moderate	1971		1960	11,885	50	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3	S3	2.7			RM1	0.3	High (>10%)
Lane_sch95	Lane_sch95A	Lowell SD 71	Lundy Elementary School	Moderate	1942		1950	38,395	160	Medium-yes	Medium-yes	RVS2006	C	W2	0.5					W2	0.5	High (>10%)
Lane_sch95	Lane_sch95B	Lowell SD 71	Lundy Elementary School	Moderate	1942		1960	38,395	160	Medium-yes	Medium-yes	RVS2006	C	W2	0.5	RM1	0.3			RM1	0.3	High (>10%)
Lane_sch94	Lane_sch94A	Marcola SD 79J	Marcola Elementary School	Moderate	1967		1960	29,421	161	Medium-yes	Medium-yes	RVS2006	C	W2	0.5					W2	0.5	High (>10%)
Yamh_sch26	Yamh_sch26A	McMinnville SD 40	Columbus Elementary School	High	1993			69,600	539			*MISSED*	D		-							Low (<1%)
Yamh_sch10	Yamh_sch10A	McMinnville SD 40	Cook Elementary School	High	1929			27,138	330			SER	D	URM	(0.5)					URM	(0.5)	Very High (100%)
Yamh_sch20	Yamh_sch20A	McMinnville SD 40	Duniway Middle School	High	1997			81,860	647			NEW	C		-							Low (<1%)
Yamh_sch23	Yamh_sch23A	McMinnville SD 40	Grandhaven Elementary School	High	1999			69,000	622			NEW	D		-							Low (<1%)
Yamh_sch15	Yamh_sch15A	McMinnville SD 40	McMinnville High School	High	1945			216,884	1,839			SER	D	URM	(0.3)					URM	(0.3)	Very High (100%)
Yamh_sch11	Yamh_sch11A	McMinnville SD 40	Memorial Elementary School	High	1947			52,946	585			SER	C	URM	(0.1)					URM	(0.1)	Very High (100%)
Yamh_sch12	Yamh_sch12A	McMinnville SD 40	Newby Elementary School	High	1960			28,006	382			SER	D	W2	0.5					W2	0.5	High (>10%)
Yamh_sch14	Yamh_sch14A	McMinnville SD 40	Patton Middle School	High	1977	1977	1970	136,600	768	Medium-yes	Medium-yes	RVS2006	D	C2	0.7	RM1	0.7			C2	0.7	High (>10%)
Yamh_sch14	Yamh_sch14B	McMinnville SD 40	Patton Middle School	High	1977	1977	1970	136,600	768	Medium-yes	Medium-yes	RVS2006	D	C2	0.7	RM1	0.7			C2	0.7	High (>10%)
Yamh_sch14	Yamh_sch14C	McMinnville SD 40	Patton Middle School	High	1977	1977	1970	136,600	768	Medium-yes	Medium-yes	RVS2006	D	PC1	1.5					PC1	1.5	Moderate (>1%)
Yamh_sch13	Yamh_sch13A	McMinnville SD 40	Wascher Elementary School	High	1997			54,507	318			NEW	D		-							Low (<1%)

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Jack_sch37	Jack_sch37A	Medford SD 549C	Abraham Lincoln Elementary	Moderate	1996			63,438	525			NEW	C		-							Low (<1%)
Jack_sch23	Jack_sch23A	Medford SD 549C	Griffin Creek Elementary School	Moderate	1951		1970	52,530	560		Low-minor	RVS2006	C	RM1	2.8					RM1	2.8	Low (<1%)
Jack_sch23	Jack_sch23B	Medford SD 549C	Griffin Creek Elementary School	Moderate	1951		1970	52,530	560		Medium-yes	RVS2006	C	RM1	2.3	W2	3.5			RM1	2.3	Low (<1%)
Jack_sch23	Jack_sch23C	Medford SD 549C	Griffin Creek Elementary School	Moderate	1951		1980	52,530	560	Medium-yes		RVS2006	C	W2	2.6					W2	2.6	Low (<1%)
Jack_sch23	Jack_sch23D	Medford SD 549C	Griffin Creek Elementary School	Moderate	1951		1950	52,530	560	Low-minor	Low-minor	RVS2006	C	W2	4.0					W2	4.0	Low (<1%)
Jack_sch23	Jack_sch23E	Medford SD 549C	Griffin Creek Elementary School	Moderate	1951		1950	52,530	560	Medium-yes	Medium-yes	RVS2006	C	C2	0.3	RM1	0.3	W2	0.5	C2	0.3	High (>10%)
Jack_sch23	Jack_sch23F	Medford SD 549C	Griffin Creek Elementary School	Moderate	1951		1990	52,530	560			RVS2006	C	RM1	2.8					RM1	2.8	Low (<1%)
Jack_sch34	Jack_sch34A	Medford SD 549C	Hedrick Middle School	Moderate	1955		1960	146,065	956	High	Medium-yes	RVS2006	C	C2	0.3					C2	0.3	High (>10%)
Jack_sch34	Jack_sch34B	Medford SD 549C	Hedrick Middle School	Moderate	1955		1960	146,065	956	Medium-yes	Medium-yes	RVS2006	C	C2	0.3					C2	0.3	High (>10%)
Jack_sch34	Jack_sch34C	Medford SD 549C	Hedrick Middle School	Moderate	1955		1990	146,065	956	Low-minor	Medium-yes	RVS2006	C	PC1	2.1					PC1	2.1	Low (<1%)
Jack_sch34	Jack_sch34D	Medford SD 549C	Hedrick Middle School	Moderate	1955		1980	146,065	956	Medium-yes		RVS2006	C	C2	0.8					C2	0.8	High (>10%)
Jack_sch24	Jack_sch24A	Medford SD 549C	Hoover Elementary School	Moderate	1958		1960	51,611	484		Medium-yes	RVS2006	C	W1	4.5					W1	4.5	Low (<1%)
Jack_sch24	Jack_sch24B	Medford SD 549C	Hoover Elementary School	Moderate	1958		1960	51,611	484	Medium-yes		RVS2006	C	RM1	0.8	W2	1.0			RM1	0.8	High (>10%)
Jack_sch24	Jack_sch24C	Medford SD 549C	Hoover Elementary School	Moderate	1958		1960	51,611	484	Medium-yes		RVS2006	C	RM1	0.8	W2	1.0			RM1	0.8	High (>10%)
Jack_sch24	Jack_sch24D	Medford SD 549C	Hoover Elementary School	Moderate	1958		1960	51,611	484	Medium-yes		RVS2006	C	RM1	0.8	W2	1.0			RM1	0.8	High (>10%)
Jack_sch24	Jack_sch24E	Medford SD 549C	Hoover Elementary School	Moderate	1958		1960	51,611	484	Medium-yes		RVS2006	C	RM1	0.8	W2	1.0			RM1	0.8	High (>10%)
Jack_sch24	Jack_sch24F	Medford SD 549C	Hoover Elementary School	Moderate	1958		1960	51,611	484		Medium-yes	RVS2006	C	RM1	2.3	W2	3.5			RM1	2.3	Low (<1%)
Jack_sch24	Jack_sch24G	Medford SD 549C	Hoover Elementary School	Moderate	1958		1970	51,611	484			RVS2006	C	W1	5.0					W1	5.0	Low (<1%)
Jack_sch24	Jack_sch24H	Medford SD 549C	Hoover Elementary School	Moderate	1958		1970	51,611	484			RVS2006	C	W2	4.0					W2	4.0	Low (<1%)
Jack_sch24	Jack_sch24I	Medford SD 549C	Hoover Elementary School	Moderate	1958		1970	51,611	484		Medium-yes	RVS2006	C	RM1	2.3					RM1	2.3	Low (<1%)
Jack_sch24	Jack_sch24J	Medford SD 549C	Hoover Elementary School	Moderate	1958		1960	51,611	484	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Jack_sch25	Jack_sch25A	Medford SD 549C	Howard Elementary School	Moderate	1983	1983	1980	59,530	549	Medium-yes		RVS2006	C	RM1	0.8					RM1	0.8	High (>10%)
Jack_sch25	Jack_sch25B	Medford SD 549C	Howard Elementary School	Moderate	1983		1970	59,530	549	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Jack_sch25	Jack_sch25C	Medford SD 549C	Howard Elementary School	Moderate	1983		1970	59,530	549			RVS2006	C	RM1	2.8					RM1	2.8	Low (<1%)
Jack_sch25	Jack_sch25D	Medford SD 549C	Howard Elementary School	Moderate	1983		1970	59,530	549		Medium-yes	RVS2006	C	RM1	2.3					RM1	2.3	Low (<1%)
Jack_sch25	Jack_sch25E	Medford SD 549C	Howard Elementary School	Moderate	1983		1980	59,530	549	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Jack_sch25	Jack_sch25F	Medford SD 549C	Howard Elementary School	Moderate	1983		1980	59,530	549	Medium-yes		RVS2006	C	RM1	0.8					RM1	0.8	High (>10%)
Jack_sch26	Jack_sch26A	Medford SD 549C	Jackson Elementary School	Moderate	1912		1920	42,433	380	Medium-yes	Medium-yes	RVS2006	D	URM	0.2					URM	0.2	High (>10%)
Jack_sch26	Jack_sch26B	Medford SD 549C	Jackson Elementary School	Moderate	1912		1960	42,433	380	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Jack_sch26	Jack_sch26C	Medford SD 549C	Jackson Elementary School	Moderate	1912		1970	42,433	380	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Jack_sch26	Jack_sch26D	Medford SD 549C	Jackson Elementary School	Moderate	1912		1980	42,433	380			RVS2006	D	RM1	2.4					RM1	2.4	Low (<1%)
Jack_sch27	Jack_sch27A	Medford SD 549C	Jacksonville Elementary School	Moderate	1959		1980	31,832	401	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Jack_sch27	Jack_sch27B	Medford SD 549C	Jacksonville Elementary School	Moderate	1959		1980	31,832	401	Medium-yes		RVS2006	C	RM1	0.8					RM1	0.8	High (>10%)
Jack_sch27	Jack_sch27C	Medford SD 549C	Jacksonville Elementary School	Moderate	1959		1990	31,832	401		Medium-yes	RVS2006	C	RM1	2.3					RM1	2.3	Low (<1%)
Jack_sch27	Jack_sch27D	Medford SD 549C	Jacksonville Elementary School	Moderate	1959		1950	31,832	401	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Jack_sch28	Jack_sch28A	Medford SD 549C	Jefferson Elementary School	Moderate	1955		1970	38,185	543	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Jack_sch28	Jack_sch28B	Medford SD 549C	Jefferson Elementary School	Moderate	1955		1980	38,185	543		Low-minor	RVS2006	C	RM1	2.8					RM1	2.8	Low (<1%)
Jack_sch28	Jack_sch28C	Medford SD 549C	Jefferson Elementary School	Moderate	1955		1980	38,185	543		Medium-yes	RVS2006	C	RM1	2.3					RM1	2.3	Low (<1%)
Jack_sch28	Jack_sch28D	Medford SD 549C	Jefferson Elementary School	Moderate	1955		1970	38,185	543			RVS2006	C	RM1	2.8					RM1	2.8	Low (<1%)
Jack_sch28	Jack_sch28E	Medford SD 549C	Jefferson Elementary School	Moderate	1955		1970	38,185	543			RVS2006	C	RM1	2.8					RM1	2.8	Low (<1%)
Jack_sch31	Jack_sch31A	Medford SD 549C	Kennedy Elementary School	Moderate	1977		1970	53,550	547		Medium-yes	RVS2006	C	W2	3.5					W2	3.5	Low (<1%)
Jack_sch31	Jack_sch31B	Medford SD 549C	Kennedy Elementary School	Moderate	1977		1970	53,550	547	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3	S3	2.7			RM1	0.3	High (>10%)
Jack_sch31	Jack_sch31C	Medford SD 549C	Kennedy Elementary School	Moderate	1977		1970	53,550	547			RVS2006	C	W2	4.0					W2	4.0	Low (<1%)
Jack_sch31	Jack_sch31D	Medford SD 549C	Kennedy Elementary School	Moderate	1977		1970	53,550	547	Medium-yes	Medium-yes	RVS2006	C	W2	0.5					W2	0.5	High (>10%)
Jack_sch31	Jack_sch31E	Medford SD 549C	Kennedy Elementary School	Moderate	1977		1970	53,550	547			RVS2006	C	W1	5.0					W1	5.0	Low (<1%)
Jack_sch31	Jack_sch31F	Medford SD 549C	Kennedy Elementary School	Moderate	1977		1970	53,550	547			RVS2006	C	W2	4.0					W2	4.0	Low (<1%)
Jack_sch31	Jack_sch31G	Medford SD 549C	Kennedy Elementary School	Moderate	1977		1970	53,550	547			RVS2006	C	W2	4.0					W2	4.0	Low (<1%)
Jack_sch31	Jack_sch31H	Medford SD 549C	Kennedy Elementary School	Moderate	1977		1970	53,550	547	Low-minor	Medium-yes	RVS2006	C	W2	3.5					W2	3.5	Low (<1%)
Jack_sch31	Jack_sch31I	Medford SD 549C	Kennedy Elementary School	Moderate	1977		1970	53,550	547			RVS2006	C	W2	4.0					W2	4.0	Low (<1%)
Jack_sch31	Jack_sch31J	Medford SD 549C	Kennedy Elementary School	Moderate	1977		1970	53,550	547			RVS2006	C	W2	4.0					W2	4.0	Low (<1%)
Jack_sch31	Jack_sch31K	Medford SD 549C	Kennedy Elementary School	Moderate	1977		1970	53,550	547			RVS2006	C	W2	4.0					W2	4.0	Low (<1%)
Jack_sch29	Jack_sch29A	Medford SD 549C	Lone Pine Elementary School	Moderate	1957		1920	65,626	558	Medium-yes	Medium-yes	RVS2006	C	W2	0.3	C2	(0.1)			C2	(0.1)	Very High (100%)
Jack_sch29	Jack_sch29B	Medford SD 549C	Lone Pine Elementary School	Moderate	1957		1960	65,626	558	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Jack_sch29	Jack_sch29C	Medford SD 549C	Lone Pine Elementary School	Moderate	1957	1957	1950	65,626	558	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Jack_sch29	Jack_sch29D	Medford SD 549C	Lone Pine Elementary School	Moderate	1957	1957	1950	65,626	558			RVS2006	C	RM1	2.8					RM1	2.8	Low (<1%)
Jack_sch29	Jack_sch29E	Medford SD 549C	Lone Pine Elementary School	Moderate	1957		1970	65,626	558		Low-minor	RVS2006	C	W2	4.0					W2	4.0	Low (<1%)
Jack_sch29	Jack_sch29F	Medford SD 549C	Lone Pine Elementary School	Moderate	1957		1980	65,626	558	Medium-yes	Medium-yes	RVS2006	C	C2	0.3	RM1	0.3	W2	2.1	C2	0.3	High (>10%)
Jack_sch29	Jack_sch29G	Medford SD 549C	Lone Pine Elementary School	Moderate	1957		1940	65,626	558	Medium-yes	Low-minor	RVS2006	C	RM1	0.8					RM1	0.8	High (>10%)
Jack_sch42	Jack_sch42A	Medford SD 549C	McLoughlin Middle School	Moderate	1926		1930	138,327	882		Medium-yes	RVS2006	D	C1	0.5					C1	0.5	High (>10%)
Jack_sch42	Jack_sch42B	Medford SD 549C	McLoughlin Middle School	Moderate	1926		1940	138,327	882	Medium-yes	Medium-yes	RVS2006	D	C1	(1.5)					C1	(1.5)	Very High (100%)
Jack_sch42	Jack_sch42C	Medford SD 549C	McLoughlin Middle School	Moderate	1926		1980	138,327	882	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Jack_sch42	Jack_sch42D	Medford SD 549C	McLoughlin Middle School	Moderate	1926		1970	138,327	882	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Jack_sch42	Jack_sch42E	Medford SD 549C	McLoughlin Middle School	Moderate	1926		1970	138,327	882	Medium-yes		RVS2006	D	PC1	2.2					PC1	2.2	Low (<1%)
Jack_sch42	Jack_sch42F	Medford SD 549C	McLoughlin Middle School	Moderate	1926		1970	138,327	882	Low-minor	Medium-yes	RVS2006	D	W1	4.1					W1	4.1	Low (<1%)
Jack_sch36	Jack_sch36A	Medford SD 549C	North Medford High School	Moderate	1967	1967	1960	192,822	1,941		Low-minor	RVS2006	C	W2	4.0					W2	4.0	Low (<1%)
Jack_sch36	Jack_sch36B	Medford SD 549C	North Medford High School	Moderate	1967	1967	1960	192,822	1,941		Medium-yes	RVS2006	C	W2	3.5					W2	3.5	Low (<1%)
Jack_sch36	Jack_sch36C	Medford SD 549C	North Medford High School	Moderate	1967	1967	1960	192,822	1,941		Low-minor	RVS2006	C	W2	4.0					W2	4.0	Low (<1%)
Jack_sch36	Jack_sch36D	Medford SD 549C	North Medford High School	Moderate	1967	1967	1960	192,822	1,941		Medium-yes	RVS2006	C	W2	3.5					W2	3.5	Low (<1%)
Jack_sch36	Jack_sch36E	Medford SD 549C	North Medford High School	Moderate	1967	1967	1960	192,822	1,941		Medium-yes	RVS2006	C	RM1	2.3					RM1	2.3	Low (<1%)
Jack_sch36	Jack_sch36F	Medford SD 549C	North Medford High School	Moderate	1967	1967	1960	192,822	1,941		Medium-yes	RVS2006	C	RM1	2.3					RM1	2.3	Low (<1%)
Jack_sch36	Jack_sch36G	Medford SD 549C	North Medford High School	Moderate	1967	1967	1960	192,822	1,941		Medium-yes	RVS2006	C	W2	3.5					W2	3.5	Low (<1%)
Jack_sch36	Jack_sch36H	Medford SD 549C	North Medford High School	Moderate	1967	1967	1960	192,822	1,941	Medium-yes		RVS2006	C	RM1	0.8	C1	0.4			C1	0.4	High (>10%)
Jack_sch36	Jack_sch36I	Medford SD 549C	North Medford High School	Moderate	1967	1967	1960	192,822	1,941			RVS2006	C	W2	4.0					W2	4.0	Low (<1%)
Jack_sch36	Jack_sch36J	Medford SD 549C	North Medford High School	Moderate	1967	1967	1960	192,822	1,941	High	Medium-yes	RVS2006	C	W2	0.5					W2	0.5	High (>10%)
Jack_sch36	Jack_sch36K	Medford SD 549C	North Medford High School	Moderate	1967	1967	1960	192,822	1,941		Medium-yes	RVS2006	C	W2	3.5					W2	3.5	Low (<1%)

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Jack_sch36	Jack_sch36L	Medford SD 549C	North Medford High School	Moderate	1967	1967	1960	192,822	1,941	Medium-yes	Medium-yes	RVS2006	C	W2	0.5	**RM1**	**0.3**			**RM1**	**0.3**	High (>10%)
Jack_sch30	Jack_sch30A	Medford SD 549C	Oak Grove Elementary School	Moderate	1891		Pre 1900	47,329	455	Medium-yes	Medium-yes	RVS2006	C	**C1**	**(1.1)**	URM	0.6			**C1**	**(1.1)**	**Very High (100%)**
Jack_sch30	Jack_sch30B	Medford SD 549C	Oak Grove Elementary School	Moderate	1891		1940	47,329	455	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**(0.1)**					**RM1**	**(0.1)**	**Very High (100%)**
Jack_sch30	Jack_sch30C	Medford SD 549C	Oak Grove Elementary School	Moderate	1891		1940	47,329	455	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**(0.1)**					**RM1**	**(0.1)**	**Very High (100%)**
Jack_sch30	Jack_sch30D	Medford SD 549C	Oak Grove Elementary School	Moderate	1891		1990	47,329	455			RVS2006	C	**RM1**	**2.8**					**RM1**	**2.8**	Low (<1%)
Jack_sch30	Jack_sch30E	Medford SD 549C	Oak Grove Elementary School	Moderate	1891		1990	47,329	455			RVS2006	C	**RM1**	**2.8**					**RM1**	**2.8**	Low (<1%)
Jack_sch30	Jack_sch30F	Medford SD 549C	Oak Grove Elementary School	Moderate	1891		1960	47,329	455			RVS2006	C	**RM1**	**2.8**					**RM1**	**2.8**	Low (<1%)
Jack_sch30	Jack_sch30G	Medford SD 549C	Oak Grove Elementary School	Moderate	1891		1930	47,329	455	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.3**					**W2**	**0.3**	High (>10%)
Jack_sch30	Jack_sch30H	Medford SD 549C	Oak Grove Elementary School	Moderate	1891		1950	47,329	455		Medium-yes	RVS2006	C	**RM1**	**2.3**					**RM1**	**2.3**	Low (<1%)
Jack_sch32	Jack_sch32A	Medford SD 549C	Roosevelt Elementary School	Moderate	1912		1910	42,433	385	Medium-yes	Low-minor	RVS2006	C	**URM**	**1.1**					**URM**	**1.1**	Moderate (>1%)
Jack_sch32	Jack_sch32B	Medford SD 549C	Roosevelt Elementary School	Moderate	1912		1980	42,433	385	Medium-yes	Medium-yes	RVS2006	C	**RM2**	**0.8**					**RM2**	**0.8**	High (>10%)
Jack_sch32	Jack_sch32C	Medford SD 549C	Roosevelt Elementary School	Moderate	1912		1990	42,433	385	Medium-yes		RVS2006	C	**RM1**	**0.8**					**RM1**	**0.8**	High (>10%)
Jack_sch32	Jack_sch32D	Medford SD 549C	Roosevelt Elementary School	Moderate	1912		1980	42,433	385			RVS2006	C	**RM1**	**2.8**					**RM1**	**2.8**	Low (<1%)
Jack_sch48	Jack_sch48A	Medford SD 549C	Ruch Elementary School	Moderate	1913		1940	20,811	191			RVS2006	D	**W1**	**4.6**					**W1**	**4.6**	Low (<1%)
Jack_sch48	Jack_sch48B	Medford SD 549C	Ruch Elementary School	Moderate	1913		1940	20,811	191	Low-minor		RVS2006	D	**RM1**	**2.0**					**RM1**	**2.0**	Moderate (>1%)
Jack_sch48	Jack_sch48C	Medford SD 549C	Ruch Elementary School	Moderate	1913		1940	20,811	191	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.5)**					**RM1**	**(0.5)**	**Very High (100%)**
Jack_sch48	Jack_sch48D	Medford SD 549C	Ruch Elementary School	Moderate	1913		1990	20,811	191	Low-minor	Medium-yes	RVS2006	D	**RM1**	**1.9**	W2	4.7			**RM1**	**1.9**	Moderate (>1%)
Jack_sch48	Jack_sch48E	Medford SD 549C	Ruch Elementary School	Moderate	1913		1990	20,811	191	Low-minor		RVS2006	D	**W2**	**5.2**					**W2**	**5.2**	Low (<1%)
Jack_sch48	Jack_sch48F	Medford SD 549C	Ruch Elementary School	Moderate	1913		1920	20,811	191	Low-minor	Medium-yes	RVS2006	D	**URM**	**1.7**					**URM**	**1.7**	Moderate (>1%)
Jack_sch48	Jack_sch48G	Medford SD 549C	Ruch Elementary School	Moderate	1913		1950	20,811	191			RVS2006	D	**W1**	**4.6**					**W1**	**4.6**	Low (<1%)
Jack_sch35	Jack_sch35A	Medford SD 549C	South Medford High School	Moderate	1930		1980	259,366	1,887	Low-minor	Low-minor	RVS2006	C	**C2**	**2.8**					**C2**	**2.8**	Low (<1%)
Jack_sch35	Jack_sch35B	Medford SD 549C	South Medford High School	Moderate	1930	1930	1930	259,366	1,887	Low-minor	Medium-yes	RVS2006	C	**C1**	**0.9**					**C1**	**0.9**	High (>10%)
Jack_sch35	Jack_sch35C	Medford SD 549C	South Medford High School	Moderate	1930		1980	259,366	1,887	Medium-yes	Medium-yes	RVS2006	C	**C1**	**(0.1)**					**C1**	**(0.1)**	**Very High (100%)**
Jack_sch35	Jack_sch35D	Medford SD 549C	South Medford High School	Moderate	1930		1940	259,366	1,887	Medium-yes	Medium-yes	RVS2006	C	**C2**	**(0.1)**					**C2**	**(0.1)**	**Very High (100%)**
Jack_sch35	Jack_sch35E	Medford SD 549C	South Medford High School	Moderate	1930		1960	259,366	1,887	Medium-yes	Medium-yes	RVS2006	C	**C2**	**0.3**					**C2**	**0.3**	High (>10%)
Jack_sch35	Jack_sch35F	Medford SD 549C	South Medford High School	Moderate	1930		1930	259,366	1,887	Medium-yes	Medium-yes	RVS2006	C	**C2**	**(0.1)**	RM1	(0.1)			**C2**	**(0.1)**	**Very High (100%)**
Jack_sch35	Jack_sch35G	Medford SD 549C	South Medford High School	Moderate	1930		1960	259,366	1,887			RVS2006	C	**C1**	**2.4**	C2	2.8	RM1	2.8	**C1**	**2.4**	Low (<1%)
Jack_sch35	Jack_sch35H	Medford SD 549C	South Medford High School	Moderate	1930		1960	259,366	1,887	Low-minor		RVS2006	C	**C1**	**2.4**	RM1	2.8			**C1**	**2.4**	Low (<1%)
Jack_sch33	Jack_sch33A	Medford SD 549C	Washington Elementary School	Moderate	1920	1920	1920	40,873	443	Low-minor	Medium-yes	RVS2006	D	**C1**	**0.5**	C2	1.5			**C1**	**0.5**	High (>10%)
Jack_sch33	Jack_sch33B	Medford SD 549C	Washington Elementary School	Moderate	1920		1970	40,873	443	Low-minor	Medium-yes	RVS2006	D	**W1**	**4.1**					**W1**	**4.1**	Low (<1%)
Jack_sch33	Jack_sch33C	Medford SD 549C	Washington Elementary School	Moderate	1920		1980	40,873	443	Low-minor	Low-minor	RVS2006	D	**W1**	**6.2**					**W1**	**6.2**	Low (<1%)
Jack_sch43	Jack_sch43A	Medford SD 549C	Wilson Elementary School	Moderate	1958		1950	44,204	572			RVS2006	C	**RM1**	**2.8**					**RM1**	**2.8**	Low (<1%)
Jack_sch43	Jack_sch43B	Medford SD 549C	Wilson Elementary School	Moderate	1958		1950	44,204	572	Low-minor	Medium-yes	RVS2006	C	**RM2**	**2.3**					**RM2**	**2.3**	Low (<1%)
Jack_sch43	Jack_sch43C	Medford SD 549C	Wilson Elementary School	Moderate	1958		1950	44,204	572	Medium-yes		RVS2006	C	**RM1**	**0.8**					**RM1**	**0.8**	High (>10%)
Jack_sch43	Jack_sch43D	Medford SD 549C	Wilson Elementary School	Moderate	1958		1950	44,204	572			RVS2006	C	**RM1**	**2.8**					**RM1**	**2.8**	Low (<1%)
Jack_sch43	Jack_sch43E	Medford SD 549C	Wilson Elementary School	Moderate	1958		1950	44,204	572			RVS2006	C	**RM1**	**2.8**					**RM1**	**2.8**	Low (<1%)
Jack_sch43	Jack_sch43F	Medford SD 549C	Wilson Elementary School	Moderate	1958		1950	44,204	572		Medium-yes	RVS2006	C	**RM1**	**2.3**					**RM1**	**2.3**	Low (<1%)
Jack_sch43	Jack_sch43G	Medford SD 549C	Wilson Elementary School	Moderate	1958		1950	44,204	572		Medium-yes	RVS2006	C	**RM1**	**2.3**					**RM1**	**2.3**	Low (<1%)
Jack_sch43	Jack_sch43H	Medford SD 549C	Wilson Elementary School	Moderate	1958		1950	44,204	572	Medium-yes		RVS2006	C	**RM1**	**0.8**					**RM1**	**0.8**	High (>10%)
Umat_sch14	Umat_sch14A	Milton-Freewater Unifie	Central Middle School	Moderate	1909		1900	61,202	450		Medium-yes	RVS2006	D	**URM**	**1.7**					**URM**	**1.7**	Moderate (>1%)
Umat_sch14	Umat_sch14B	Milton-Freewater Unifie	Central Middle School	Moderate	1909		1950	61,202	450	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	**C2**	**(0.1)**	RM1	(0.1)	**C2**	**(0.1)**	**Very High (100%)**
Umat_sch14	Umat_sch14C	Milton-Freewater Unifie	Central Middle School	Moderate	1909		1950	61,202	450		Medium-yes	RVS2006	D	W2	3.1	**C2**	**1.9**	RM1	1.9	**C2**	**1.9**	Moderate (>1%)
Umat_sch14	Umat_sch14D	Milton-Freewater Unifie	Central Middle School	Moderate	1909		1980	61,202	450	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**	PC1	1.7	C2	(0.1)	**RM1**	**(0.1)**	**Very High (100%)**
Umat_sch09	Umat_sch09A	Milton-Freewater Unifie	Ferndale Elementary School	Moderate	1906		1900	32,910	289	Medium-yes	Medium-yes	RVS2006	C	**C2**	**(0.1)**	URM	0.6	W2	0.3	**C2**	**(0.1)**	**Very High (100%)**
Umat_sch09	Umat_sch09B	Milton-Freewater Unifie	Ferndale Elementary School	Moderate	1906		1960	32,910	289	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**					**RM1**	**0.3**	High (>10%)
Umat_sch09	Umat_sch09C	Milton-Freewater Unifie	Ferndale Elementary School	Moderate	1906	1989	1980	32,910	289	Medium-yes	Medium-yes	RVS2006	C	W2	2.1	**RM1**	**0.3**			**RM1**	**0.3**	High (>10%)
Umat_sch15	Umat_sch15A	Milton-Freewater Unifie	Freewater Elementary School	Moderate	1909		1900	31,555	332	Medium-yes	Medium-yes	RVS2006	D	**URM**	**0.2**					**URM**	**0.2**	High (>10%)
Umat_sch15	Umat_sch15B	Milton-Freewater Unifie	Freewater Elementary School	Moderate	1909		1950		332	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)	C2	(0.1)	**C1**	**(0.5)**	**C1**	**(0.5)**	**Very High (100%)**
Umat_sch15	Umat_sch15C	Milton-Freewater Unifie	Freewater Elementary School	Moderate	1909		1960		332	Medium-yes		RVS2006	D	W2	0.6	**RM1**	**0.4**			**RM1**	**0.4**	High (>10%)
Umat_sch16	Umat_sch16A	Milton-Freewater Unifie	Grove Elementary School	Moderate	1915		1900	27,737	370	Medium-yes	Medium-yes	RVS2006	C	**URM**	**0.6**					**URM**	**0.6**	High (>10%)
Umat_sch16	Umat_sch16B	Milton-Freewater Unifie	Grove Elementary School	Moderate	1915	1984	1980	27,737	370	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**					**RM1**	**0.3**	High (>10%)
Umat_sch16	Umat_sch16C	Milton-Freewater Unifie	Grove Elementary School	Moderate	1915		1960	27,737	370	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**					**RM1**	**0.3**	High (>10%)
Umat_sch25	Umat_sch25A	Milton-Freewater Unifie	McLoughlin High School	Moderate	1921	1921	1920	80,312	508	Medium-yes	Medium-yes	RVS2006	D	**URM**	**0.2**					**URM**	**0.2**	High (>10%)
Umat_sch25	Umat_sch25B	Milton-Freewater Unifie	McLoughlin High School	Moderate	1921		1940	80,312	508	Medium-yes		RVS2006	D	**C2**	**0.0**					**C2**	**0.0**	**Very High (100%)**
Umat_sch25	Umat_sch25C	Milton-Freewater Unifie	McLoughlin High School	Moderate	1921		1940	80,312	508	Medium-yes		RVS2006	D	**RM1**	-					**RM1**	**0.0**	**Very High (100%)**
Umat_sch25	Umat_sch25D	Milton-Freewater Unifie	McLoughlin High School	Moderate	1921		1940	80,312	508			RVS2006	D	**RM1**	**2.0**					**RM1**	**2.0**	Moderate (>1%)
Umat_sch25	Umat_sch25E	Milton-Freewater Unifie	McLoughlin High School	Moderate	1921	1946	1940	80,312	508	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					**RM1**	**(0.1)**	**Very High (100%)**
Umat_sch25	Umat_sch25F	Milton-Freewater Unifie	McLoughlin High School	Moderate	1921		1980	80,312	508		Medium-yes	RVS2006	D	**RM1**	**1.9**					**RM1**	**1.9**	Moderate (>1%)
Whee_sch02	Whee_sch02A	Mitchell SD 55	Mitchell School	Moderate	1983		1980	12,500	64	Medium-yes	Medium-yes	RVS2006	C	W2	2.1	**RM1**	**0.3**			**RM1**	**0.3**	High (>10%)
Whee_sch02	Whee_sch02B	Mitchell SD 55	Mitchell School	Moderate	1983		1950	12,500	64			RVS2006	C	**W2**	**4.0**					**W2**	**4.0**	Low (<1%)
Whee_sch02	Whee_sch02C	Mitchell SD 55	Mitchell School	Moderate	1983		1950	12,500	64			RVS2006	C	**W1**	**5.0**					**W1**	**5.0**	Low (<1%)
Clac_sch95	Clac_sch95A	Molalla River SD 35	Clarkes Elementary School	High	1952			5,009	194			FEMA154	D	**W2**	**3.0**					**W2**	**3.0**	Low (<1%)
Clac_sch32	Clac_sch32A	Molalla River SD 35	Molalla Elementary School	High	1980			49,393	440			FEMA154	D	**W2**	**5.4**					**W2**	**5.4**	Low (<1%)
Clac_sch68	Clac_sch68A	Molalla River SD 35	Molalla High School	High	1976			171,660	876			FEMA154	D	**W1**	**4.4**					**W1**	**4.4**	Low (<1%)
Clac_sch33	Clac_sch33A	Molalla River SD 35	Molalla River Middle School	High	1954			79,277	681			FEMA154	C	**W2**	**3.4**					**W2**	**3.4**	Low (<1%)
Clac_sch57	Clac_sch57A	Molalla River SD 35	Rural Dell Elementary School	High	1938			29,848	233			FEMA154	D	**W2**	**2.0**					**W2**	**2.0**	Moderate (>1%)
Bent_sch10	Bent_sch10A	Monroe SD 1J	Monroe Grade School	High	1954			31,626	313			SER	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Bent_sch19	Bent_sch19A	Monroe SD 1J	Monroe High School	High	1928			31,527	150			SER	C	**URM**	**(0.3)**					**URM**	**(0.3)**	**Very High (100%)**
Gran_sch08	Gran_sch08A	Monument SD 8	Monument School	Moderate	1929		1920	10,000	56	Medium-yes	Medium-yes	RVS2006	C	**URM**	**0.6**					**URM**	**0.6**	High (>10%)
Gran_sch08	Gran_sch08B	Monument SD 8	Monument School	Moderate	1929		1940	10,000	56	Medium-yes	Medium-yes	RVS2006	C	**C2**	**(0.1)**	RM1	(0.1)			**C2**	**(0.1)**	**Very High (100%)**
Gran_sch08	Gran_sch08C	Monument SD 8	Monument School	Moderate	1929		1950	10,000	56	Medium-yes		RVS2006	C	**W2**	**1.0**					**W2**	**1.0**	High (>10%)
Gran_sch08	Gran_sch08D	Monument SD 8	Monument School	Moderate	1929		1980	10,000	56		Medium-yes	RVS2006	C	**W2**	**5.1**					**W2**	**5.1**	Low (<1%)
Morr_sch06	Morr_sch06A	Morrow SD 1	A C Houghton Elementary Schoo	Moderate	1952		1950	65,273	331		Medium-yes	RVS2006	D	**C2**	**1.9**	RM1	1.9			**C2**	**1.9**	Moderate (>1%)
Morr_sch06	Morr_sch06B	Morrow SD 1	A C Houghton Elementary Schoo	Moderate	1952		1960	65,273	331		Medium-yes	RVS2006	D	W2	3.1	**RM1**	**1.9**			**RM1**	**1.9**	Moderate (>1%)
Morr_sch06	Morr_sch06C	Morrow SD 1	A C Houghton Elementary Schoo	Moderate	1952		1970	65,273	331	Medium-yes		RVS2006	D	**RM1**	**0.4**					**RM1**	**0.4**	High (>10%)

Project Facility Tracking Data: Site Unique ID	Building Unique ID	Public K12 District_Name	Individual Public K12 Facility Name	USGS Seismic Zone	ODE Yr Built	Field Plaque	Estimate Decade	Facility Sq Ft	Students Enrolled	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	NEHRP Soil	Primary First	1 RVS	Secondary Second	2 RVS	Tertiary Tertiary	3 RVS	Type Final	F RVS	FEMA 154-Based Collapse Potential
Morr_sch06	Morr_sch06D	Morrow SD 1	A C Houghton Elementary Schoo	Moderate	1952		1990	65,273	332	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**	W2	1.7			**RM1**	**(0.1)**	**Very High (100%)**
Morr_sch08	Morr_sch08A	Morrow SD 1	Heppner Elementary School	Moderate	1954		1960	39,318	188	Medium-yes	Medium-yes	RVS2006	B	**C2**	**1.1**	W2	1.3	RM1	1.1	**C2**	**1.1**	Moderate (>1%)
Morr_sch08	Morr_sch08B	Morrow SD 1	Heppner Elementary School	Moderate	1954		1990	39,318	188	Medium-yes		RVS2006	B	**C2**	**1.6**	RM1	1.6	W2	3.4	**C2**	**1.6**	Moderate (>1%)
Morr_sch08	Morr_sch08C	Morrow SD 1	Heppner Elementary School	Moderate	1954		2000	39,318	188	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**3.1**					**RM1**	**3.1**	Low (<1%)
Morr_sch09	Morr_sch09A	Morrow SD 1	Heppner Junior/Senior High Schc	Moderate	1963		1960	65,837	224	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.1**	C2	1.1	W2	1.3	**RM1**	**1.1**	Moderate (>1%)
Morr_sch09	Morr_sch09B	Morrow SD 1	Heppner Junior/Senior High Schc	Moderate	1963		1970	65,837	224	Medium-yes		RVS2006	B	**RM1**	**1.6**					**RM1**	**1.6**	Moderate (>1%)
Morr_sch03	Morr_sch03A	Morrow SD 1	Irrigon Elementary School	Moderate	2003				136			NEW	D		-							Low (<1%)
Morr_sch07	Morr_sch07A	Morrow SD 1	Irrigon Junior/Senior High School	Moderate			1970		294	Medium-yes	Medium-yes	RVS2006	D	PC1	1.7	**C2**	**(0.1)**			**C2**	**(0.1)**	**Very High (100%)**
Morr_sch07	Morr_sch07B	Morrow SD 1	Irrigon Junior/Senior High School	Moderate			1980		294	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**	W2	1.7	C2	(0.1)	**RM1**	**(0.1)**	**Very High (100%)**
Morr_sch07	Morr_sch07C	Morrow SD 1	Irrigon Junior/Senior High School	Moderate			2000		294		Medium-yes	RVS2006	D	**PC1**	**3.5**	C2	3.5			**PC1**	**3.5**	Low (<1%)
Morr_sch01	Morr_sch01A	Morrow SD 1	Riverside Junior/Senior High Sch	Moderate	1968		1990	74,273	455	Medium-yes	Medium-yes	RVS2006	D	C2	1.5	**RM1**	**(0.1)**			**RM1**	**(0.1)**	**Very High (100%)**
Morr_sch01	Morr_sch01B	Morrow SD 1	Riverside Junior/Senior High Sch	Moderate	1968		1970	74,273	455	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**	C2	(0.1)			**RM1**	**(0.1)**	**Very High (100%)**
Morr_sch01	Morr_sch01C	Morrow SD 1	Riverside Junior/Senior High Sch	Moderate	1968		1980	74,273	455		Medium-yes	RVS2006	D	W1	5.7	**RM1**	**1.9**	C2	1.9	**RM1**	**1.9**	Moderate (>1%)
Morr_sch01	Morr_sch01D	Morrow SD 1	Riverside Junior/Senior High Sch	Moderate	1968		1960	74,273	455		Medium-yes	RVS2006	D	**RM1**	**1.9**					**RM1**	**1.9**	Moderate (>1%)
Morr_sch04	Morr_sch04A	Morrow SD 1	Sam Boardman Elementary Schc	Moderate	1980		1980	62,849	417	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**					**RM1**	**0.3**	High (>10%)
Morr_sch04	Morr_sch04B	Morrow SD 1	Sam Boardman Elementary Schc	Moderate	1980		1990	62,849	417	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**					**RM1**	**0.3**	High (>10%)
Morr_sch04	Morr_sch04C	Morrow SD 1	Sam Boardman Elementary Schc	Moderate	1980		1990	62,849	417	Medium-yes		RVS2006	C	**RM1**	**0.8**					**RM1**	**0.8**	High (>10%)
Morr_sch02	Morr_sch02A	Morrow SD 1	Windy River Elementary School	Moderate	2006				148			NEW	C		-							Low (<1%)
Mari_sch54	Mari_sch54A	Mt Angel SD 91	John F Kennedy High School	High	1958		1950	56,000	241	Medium-yes	Medium-yes	RVS2006	D	**C2**	**0.7**					**C2**	**0.7**	High (>10%)
Mari_sch54	Mari_sch54B	Mt Angel SD 91	John F Kennedy High School	High	1958		1960	56,000	241	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	**W2**	**0.5**			**W2**	**0.5**	High (>10%)
Mari_sch54	Mari_sch54C	Mt Angel SD 91	John F Kennedy High School	High	1958		1950	56,000	241			RVS2006	D	**C2**	**2.2**					**C2**	**2.2**	Low (<1%)
Mari_sch54	Mari_sch54D	Mt Angel SD 91	John F Kennedy High School	High	1958		1950	56,000	241	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					**RM1**	**0.7**	High (>10%)
Mari_sch52	Mari_sch52A	Mt Angel SD 91	Mt Angel Middle School	High	1968	1968	1960	44,250	186	Low-minor	Medium-yes	RVS2006	D	**RM1**	**1.7**					**RM1**	**1.7**	Moderate (>1%)
Mari_sch52	Mari_sch52B	Mt Angel SD 91	Mt Angel Middle School	High	1968	1968	1960	44,250	186	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.5**					**W2**	**0.5**	High (>10%)
Mari_sch52	Mari_sch52C	Mt Angel SD 91	Mt Angel Middle School	High	1968	1968	1960	44,250	186	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.5**					**W2**	**0.5**	High (>10%)
Mari_sch52	Mari_sch52D	Mt Angel SD 91	Mt Angel Middle School	High	1968		1980	44,250	186		Medium-yes	RVS2006	D	**W2**	**4.9**					**W2**	**4.9**	Low (<1%)
Mari_sch52	Mari_sch52E	Mt Angel SD 91	Mt Angel Middle School	High	1968		1960	44,250	186		Medium-yes	RVS2006	D	**W2**	**2.5**					**W2**	**2.5**	Low (<1%)
Mari_sch52	Mari_sch52F	Mt Angel SD 91	Mt Angel Middle School	High	1968		1980	44,250	186		Medium-yes	RVS2006	D	**W2**	**4.9**					**W2**	**4.9**	Low (<1%)
Mari_sch52	Mari_sch52G	Mt Angel SD 91	Mt Angel Middle School	High	1968		1960	44,250	186		Medium-yes	RVS2006	D	**W2**	**2.5**					**W2**	**2.5**	Low (<1%)
Mari_sch53	Mari_sch53A	Mt Angel SD 91	St Mary's Public School	High	1997			52,000	372			NEW	C		-							Low (<1%)
Mult_sch159	Mult_sch159A	Multnomah ESD	Helensview High School	High			1960		186	Medium-yes	Medium-yes	RVS2006	C	**C2**	**0.9**	RM1	0.9			**C2**	**0.9**	High (>10%)
Coos_sch10	Coos_sch10A	Myrtle Point SD 41	Myrtle Crest School	Very High	1945		1940	72,000	344	Medium-yes	Medium-yes	RVS2006	C	**C2**	**0.9**	RM1	0.9	W2	0.9	**C2**	**0.9**	High (>10%)
Coos_sch10	Coos_sch10B	Myrtle Point SD 41	Myrtle Crest School	Very High	1945		1970	72,000	344	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Coos_sch10	Coos_sch10C	Myrtle Point SD 41	Myrtle Crest School	Very High	1945		1940	72,000	344	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**					**RM1**	**0.9**	High (>10%)
Coos_sch10	Coos_sch10D	Myrtle Point SD 41	Myrtle Crest School	Very High	1945		1980	72,000	344	Medium-yes		RVS2006	C	**W1**	**4.3**					**W1**	**4.3**	Low (<1%)
Coos_sch11	Coos_sch11A	Myrtle Point SD 41	Myrtle Point High School	Very High	1929		1920	88,500	391	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)	**C1**	**(1.1)**			**C1**	**(1.1)**	**Very High (100%)**
Coos_sch11	Coos_sch11B	Myrtle Point SD 41	Myrtle Point High School	Very High	1929		1980	88,500	391	Medium-yes	Medium-yes	RVS2006	C	**W1**	**3.8**					**W1**	**3.8**	Low (<1%)
Coos_sch11	Coos_sch11C	Myrtle Point SD 41	Myrtle Point High School	Very High	1929		1980	88,500	391	Medium-yes	Medium-yes	RVS2006	C	**W1**	**3.8**					**W1**	**3.8**	Low (<1%)
Coos_sch11	Coos_sch11D	Myrtle Point SD 41	Myrtle Point High School	Very High	1929		1980	88,500	391		Medium-yes	RVS2006	C	**W1**	**6.3**					**W1**	**6.3**	Low (<1%)
Coos_sch11	Coos_sch11E	Myrtle Point SD 41	Myrtle Point High School	Very High	1929		1980	88,500	391	Low-minor	Medium-yes	RVS2006	C	**W1**	**6.3**					**W1**	**6.3**	Low (<1%)
Till_sch05	Till_sch05A	Neah-Kah-Nie SD 56	Garibaldi Elementary School	Very High	1927		1920	28,400	129	Medium-yes	Low-minor	SER & RVS2006	D	**W2**	**(0.0)**					**W2**	**(0.0)**	**Very High (100%)**
Till_sch05	Till_sch05B	Neah-Kah-Nie SD 56	Garibaldi Elementary School	Very High	1927		1950	28,400	129	Medium-yes	Low-minor	SER & RVS2006	D	**W2**	**1.0**					**W2**	**1.0**	High (>10%)
Till_sch06	Till_sch06A	Neah-Kah-Nie SD 56	Nehalem Elementary School	Very High	1927		1920	40,400	171	Low-minor	Medium-yes	SER & RVS2006	C	C2	0.9	**URM**	**0.7**			**URM**	**0.7**	High (>10%)
Till_sch06	Till_sch06B	Neah-Kah-Nie SD 56	Nehalem Elementary School	Very High	1927		1960	40,400	171	Medium-yes		SER & RVS2006	C	**RM1**	**1.4**					**RM1**	**1.4**	Moderate (>1%)
Till_sch06	Till_sch06C	Neah-Kah-Nie SD 56	Nehalem Elementary School	Very High	1927		1980	40,400	171	Medium-yes	Medium-yes	SER & RVS2006	C	**W2**	**3.3**					**W2**	**3.3**	Low (<1%)
Till_sch07	Till_sch07A	Neah-Kah-Nie SD 56	Neah-Kah-Nie Jr/Sr High School	Very High	1952		1950	95,000	377	Medium-yes	Medium-yes	SER & RVS2006	D	**W2**	**0.5**					**W2**	**0.5**	High (>10%)
Till_sch07	Till_sch07B	Neah-Kah-Nie SD 56	Neah-Kah-Nie Jr/Sr High School	Very High	1952		1970	95,000	377	Medium-yes	Medium-yes	SER & RVS2006	D	**W2**	**0.5**					**W2**	**0.5**	High (>10%)
Till_sch07	Till_sch07C	Neah-Kah-Nie SD 56	Neah-Kah-Nie Jr/Sr High School	Very High	1952		1970	95,000	377	Medium-yes	Medium-yes	SER & RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Till_sch07	Till_sch07D	Neah-Kah-Nie SD 56	Neah-Kah-Nie Jr/Sr High School	Very High	1952		1950	95,000	377	Medium-yes	Low-minor	SER & RVS2006	D	RM1	1.2	C1	0.4	**C3**	**0.2**	**C3**	**0.2**	High (>10%)
Till_sch07	Till_sch07E	Neah-Kah-Nie SD 56	Neah-Kah-Nie Jr/Sr High School	Very High	1952		1970	95,000	377	Medium-yes	Medium-yes	SER & RVS2006	D	**RM1**	**0.7**					**RM1**	**0.7**	High (>10%)
Till_sch07	Till_sch07F	Neah-Kah-Nie SD 56	Neah-Kah-Nie Jr/Sr High School	Very High	1952		1970	95,000	377	Medium-yes	Medium-yes	SER & RVS2006	D	**W2**	**0.5**					**W2**	**0.5**	High (>10%)
Till_sch09	Till_sch09A	Nestucca Valley SD 10	Nestucca Valley Middle School	Very High	1936	1936	1930	71,584	220	Medium-yes	Medium-yes	SER & RVS2006	D	**W2**	**(0.5)**					**W2**	**(0.5)**	**Very High (100%)**
Till_sch09	Till_sch09B	Nestucca Valley SD 10	Nestucca Valley Middle School	Very High	1936		1960	71,584	220	Medium-yes	Low-minor	SER & RVS2006	D	**W2**	**1.0**					**W2**	**1.0**	High (>10%)
Till_sch04	Till_sch04A	Nestucca Valley SD 10	Nestucca Valley Elementary	Very High	1950	1950	1950	32,073	222	Medium-yes	Medium-yes	SER & RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Till_sch08	Till_sch08A	Nestucca Valley SD 10	Nestucca High School	Very High	1961	1929	1920	21,252	213	Medium-yes		SER & RVS2006	C	**C2**	**0.4**					**C2**	**0.4**	High (>10%)
Till_sch08	Till_sch08B	Nestucca Valley SD 10	Nestucca High School	Very High	1961	1968	1960	21,252	213			SER & RVS2006	C	W2	3.4	**C2**	**2.4**			**C2**	**2.4**	Low (<1%)
Till_sch08	Till_sch08C	Nestucca Valley SD 10	Nestucca High School	Very High	1961		1960	21,252	213			SER & RVS2006	C	**W2**	**3.4**					**W2**	**3.4**	Low (<1%)
Yamh_sch21	Yamh_sch21A	Newberg SD 29J	Antonia Crater Elementary Schoc	High	1995			58,229	443			NEW	C		-							Low (<1%)
Yamh_sch22	Yamh_sch22A	Newberg SD 29J	Chehalem Valley Middle School	High	1995			95,335	675			NEW	C		-							Low (<1%)
Yamh_sch04	Yamh_sch04A	Newberg SD 29J	Dundee Elementary School	High	1937			49,712	388			*MISSED*	D		-							High (>10%)
Yamh_sch25	Yamh_sch25A	Newberg SD 29J	Edwards Elementary School	High	1956			55,058	433			*MISSED*	D		-							High (>10%)
Yamh_sch34	Yamh_sch34A	Newberg SD 29J	Ewing Young Elementary School	High	2005			22,557	185			NEW	C		-							Low (<1%)
Yamh_sch33	Yamh_sch33A	Newberg SD 29J	Joan Austin Elementary School	High	2005				377			NEW	D		-							Low (<1%)
Yamh_sch05	Yamh_sch05A	Newberg SD 29J	Mabel Rush Elementary School	High	1960			53,737	465			*MISSED*	D		-							High (>10%)
Yamh_sch06	Yamh_sch06A	Newberg SD 29J	Mountain View Middle School	High	1976			85,153	529			*MISSED*	D		-							High (>10%)
Yamh_sch27	Yamh_sch27A	Newberg SD 29J	Newberg Senior High School	High	1961			175,000	1,693			RETROFITTED	D		-							Moderate (>1%)
Coos_sch06	Coos_sch06A	North Bend SD 13	Hillcrest Elementary School	Very High	1948		1940	39,484	495	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Coos_sch06	Coos_sch06B	North Bend SD 13	Hillcrest Elementary School	Very High	1948		1950	39,484	495	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**					**RM1**	**0.9**	High (>10%)
Coos_sch07	Coos_sch07A	North Bend SD 13	North Bay Elementary School	Very High	1967	1967	1960	77,235	170	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	**W2**	**0.5**			**W2**	**0.5**	High (>10%)
Coos_sch08	Coos_sch08A	North Bend SD 13	North Bend Middle School	Very High	1960		1960	86,186	386	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**	S3	2.1			**RM1**	**0.7**	High (>10%)
Coos_sch08	Coos_sch08B	North Bend SD 13	North Bend Middle School	Very High	1960		1970	86,186	386	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					**RM1**	**0.7**	High (>10%)
Coos_sch09	Coos_sch09A	North Bend SD 13	North Bend Senior High School	Very High	1952		1960	172,265	706			RVS2006	C	RM1	2.4	**PC2**	**2.0**			**PC2**	**2.0**	Moderate (>1%)
Coos_sch09	Coos_sch09B	North Bend SD 13	North Bend Senior High School	Very High	1952		1970	172,265	706	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**					**RM1**	**0.9**	High (>10%)
Coos_sch09	Coos_sch09C	North Bend SD 13	North Bend Senior High School	Very High	1952		1950	172,265	706	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Coos_sch09	Coos_sch09D	North Bend SD 13	North Bend Senior High School	Very High	1952		1970	172,265	706	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**					**RM1**	**0.9**	High (>10%)

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Coos_sch09	Coos_sch09E	North Bend SD 13	North Bend Senior High School	Very High	1952		1970	172,265	706	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**					**RM1**	**0.9**	High (>10%)
Coos_sch09	Coos_sch09F	North Bend SD 13	North Bend Senior High School	Very High	1952		1970	172,265	706	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**	C2	0.9			**RM1**	**0.9**	High (>10%)
Coos_sch15	Coos_sch15A	North Bend SD 13	Oregon Coast Technology Schoo	Very High					317			NEW	D		-							Low (<1%)
Coos_sch23	Coos_sch23A	North Bend SD 13	Pacific Child Care Center	Very High			1970		12	Medium-yes	Medium-yes	RVS2006	C	**W1**	**1.4**					**W1**	**1.4**	Moderate (>1%)
Clac_sch83	Clac_sch83A	North Clackamas SD 1	Alder Creek Middle School	High	2004				726			NEW	C		-							Low (<1%)
Clac_sch14	Clac_sch14A	North Clackamas SD 1	Ardenwald Elementary School	High	1924	1924	1920	35,256	286	Medium-yes	Medium-yes	RETROFITTED	D	C2	(0.3)	**URM**	**(0.5)**	RM1	(0.3)	**URM**	**(0.5)**	Moderate (>1%)
Clac_sch14	Clac_sch14B	North Clackamas SD 1	Ardenwald Elementary School	High	1924	1956	1950	35,256	286			RETROFITTED	C	W2	2.9	**RM1**	**1.9**			**RM1**	**1.9**	Moderate (>1%)
Clac_sch15	Clac_sch15A	North Clackamas SD 1	Bilquist Elementary School	High	1960		1960	49,581	497	Medium-yes	Low-minor	RVS2006	C	**RM1**	**1.4**	W2	1.4	S1	1.4	**RM1**	**1.4**	Moderate (>1%)
Clac_sch87	Clac_sch87A	North Clackamas SD 1	Campbell Elementary School	High	1956	1956	1950	37,939	336	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**	RM1	0.9			**W2**	**0.9**	High (>10%)
Clac_sch87	Clac_sch87B	North Clackamas SD 1	Campbell Elementary School	High	1956	1956	1950	37,939	336		Medium-yes	RVS2006	C	W2	2.9	**RM1**	**1.9**			**RM1**	**1.9**	Moderate (>1%)
Clac_sch16	Clac_sch16A	North Clackamas SD 1	Clackamas Elementary School	High	1939		1940	41,999	370	Medium-yes	Medium-yes	RETROFITTED	C	**C2**	**(0.1)**					**C2**	**(0.1)**	Moderate (>1%)
Clac_sch16	Clac_sch16B	North Clackamas SD 1	Clackamas Elementary School	High	1939		1950	41,999	370	Low-minor	Medium-yes	RETROFITTED	C	W2	2.9	**C2**	**1.9**			**C2**	**1.9**	Moderate (>1%)
Clac_sch27	Clac_sch27A	North Clackamas SD 1	Clackamas High School	High	2002			145,694	2,053			NEW	C		-							Low (<1%)
Clac_sch17	Clac_sch17A	North Clackamas SD 1	Concord Elementary School	High	1936	1936	1930	47,448	333	Medium-yes	Medium-yes	RETROFITTED	B	W2	0.3	C2	0.3	**URM**	**0.1**	**URM**	**0.1**	Moderate (>1%)
Clac_sch18	Clac_sch18A	North Clackamas SD 1	Happy Valley Elementary School	High	1917		1910	47,460	708		Medium-yes	RETROFITTED	C	**W2**	**1.9**					**W2**	**1.9**	Moderate (>1%)
Clac_sch18	Clac_sch18B	North Clackamas SD 1	Happy Valley Elementary School	High	1917		1960	47,460	708	Medium-yes	Medium-yes	RETROFITTED	C	**W2**	**0.9**					**W2**	**0.9**	Moderate (>1%)
Clac_sch18	Clac_sch18C	North Clackamas SD 1	Happy Valley Elementary School	High	1917		1950	47,460	708	Medium-yes	Medium-yes	RETROFITTED	C	**W2**	**0.9**					**W2**	**0.9**	Moderate (>1%)
Clac_sch88	Clac_sch88A	North Clackamas SD 1	Lewelling Elementary School	High	1963	1963	1960	48,507	423	Low-minor	Low-minor	RETROFITTED	C	W2	3.4	**RM1**	**2.4**			**RM1**	**2.4**	Low (<1%)
Clac_sch19	Clac_sch19A	North Clackamas SD 1	Linwood Elementary School	High	1968	1968	1960	38,622	352	Medium-yes	Medium-yes	RVS2006	C	**URM**	**(0.1)**	W2	0.9			**URM**	**(0.1)**	Very High (100%)
Clac_sch19	Clac_sch19B	North Clackamas SD 1	Linwood Elementary School	High	1968	1988	1980	38,622	352	Medium-yes	Medium-yes	RVS2006	C	**W2**	**3.3**					**W2**	**3.3**	Low (<1%)
Clac_sch20	Clac_sch20A	North Clackamas SD 1	Milwaukie Elementary School	High	1916		1940		292	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)	**URM**	**(0.3)**			**URM**	**(0.3)**	Very High (100%)
Clac_sch20	Clac_sch20B	North Clackamas SD 1	Milwaukie Elementary School	High	1916		1950		292	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**	C2	0.9			**RM1**	**0.9**	High (>10%)
Clac_sch28	Clac_sch28A	North Clackamas SD 1	Milwaukie High School	High	1925	1925	1920	196,150	1,267	Low-minor	Medium-yes	RETROFITTED	C	**C2**	**0.9**					**C2**	**0.9**	Moderate (>1%)
Clac_sch28	Clac_sch28B	North Clackamas SD 1	Milwaukie High School	High	1925	1949	1940	196,150	1,267		Medium-yes	RETROFITTED	C	**C2**	**1.9**					**C2**	**1.9**	Moderate (>1%)
Clac_sch28	Clac_sch28C	North Clackamas SD 1	Milwaukie High School	High	1925	1972	1970	196,150	1,267	Medium-yes	Medium-yes	RETROFITTED	C	**C2**	**0.9**	PC1	1.7			**C2**	**0.9**	Moderate (>1%)
Clac_sch28	Clac_sch28D	North Clackamas SD 1	Milwaukie High School	High	1925		1930	196,150	1,267	Medium-yes	Medium-yes	RETROFITTED	C	**C2**	**(0.1)**					**C2**	**(0.1)**	Moderate (>1%)
Clac_sch28	Clac_sch28E	North Clackamas SD 1	Milwaukie High School	High	1925		1930	196,150	1,267	Low-minor	Medium-yes	RETROFITTED	C	**C2**	**0.9**					**C2**	**0.9**	Moderate (>1%)
Clac_sch70	Clac_sch70A	North Clackamas SD 1	Mount Scott Elementary School	High	1989	1989	1980	48,730	470	Medium-yes	Medium-yes	RVS2006	C	**W2**	**3.3**					**W2**	**3.3**	Low (<1%)
Clac_sch70	Clac_sch70B	North Clackamas SD 1	Mount Scott Elementary School	High	1989	1991	1990	48,730	181	Low-minor	Low-minor	RVS2006	C	**W2**	**5.8**					**W2**	**5.8**	Low (<1%)
Clac_sch94	Clac_sch94A	North Clackamas SD 1	New Urban High School	High			1930		277	Medium-yes	Low-minor	RVS2006	C	**C2**	**0.4**					**C2**	**0.4**	High (>10%)
Clac_sch94	Clac_sch94B	North Clackamas SD 1	New Urban High School	High			1950		277	Medium-yes		RVS2006	C	**W2**	**1.4**					**W2**	**1.4**	Moderate (>1%)
Clac_sch81	Clac_sch81A	North Clackamas SD 1	Oak Grove Elementary	High	1963	1963	1960	59,681	590	Medium-yes	Medium-yes	RETROFITTED	C	**C2**	**0.9**	PC1	1.7			**C2**	**0.9**	Moderate (>1%)
Clac_sch81	Clac_sch81B	North Clackamas SD 1	Oak Grove Elementary	High	1963	1992	1990	59,681	590	Medium-yes	Medium-yes	RETROFITTED	C	**RM1**	**0.9**					**RM1**	**0.9**	Moderate (>1%)
Clac_sch75	Clac_sch75A	North Clackamas SD 1	Oregon Trail Elementary School	High	1993			54,716	801			RETROFITTED	C		-							Moderate (>1%)
Clac_sch29	Clac_sch29A	North Clackamas SD 1	Putnam High School	High	1963	1963	1960	160,912	1,435	Medium-yes	Medium-yes	RETROFITTED	B	**C2**	**1.3**	PC1	2.1			**C2**	**1.3**	Moderate (>1%)
Clac_sch21	Clac_sch21A	North Clackamas SD 1	Riverside Elementary School	High	1955	1955	1950	46,901	422	Medium-yes	Medium-yes	RETROFITTED	B	**RM1**	**1.3**	C2	1.3	W2	1.3	**RM1**	**1.3**	Moderate (>1%)
Clac_sch21	Clac_sch21B	North Clackamas SD 1	Riverside Elementary School	High	1955	1959	1950	46,901	422	Medium-yes	Medium-yes	RETROFITTED	B	**C2**	**1.3**					**C2**	**1.3**	Moderate (>1%)
Clac_sch21	Clac_sch21C	North Clackamas SD 1	Riverside Elementary School	High	1955		1960	46,901	422	Medium-yes	Medium-yes	RETROFITTED	B	**W1**	**1.4**					**W1**	**1.4**	Moderate (>1%)
Clac_sch26	Clac_sch26A	North Clackamas SD 1	Rowe Middle School	High	1963	1963	1960	75,268	743	Medium-yes	Medium-yes	RVS2006	C	**C2**	**0.9**					**C2**	**0.9**	High (>10%)
Clac_sch97	Clac_sch97A	North Clackamas SD 1	Sojourner School	High			1940		179		Low-minor	RVS2006	C	**C2**	**2.4**					**C2**	**2.4**	Low (<1%)
Clac_sch80	Clac_sch80A	North Clackamas SD 1	Spring Mountain Elementary Sch	High	2000			83,000	618			FEMA154	C	**C2**	**4.8**					**C2**	**4.8**	Low (<1%)
Clac_sch22	Clac_sch22A	North Clackamas SD 1	Sunnyside Elementary School	High	1949	1949	1950	52,528	543	Medium-yes	Medium-yes	RETROFITTED	B	**RM1**	**1.3**	W2	1.3			**RM1**	**1.3**	Moderate (>1%)
Clac_sch22	Clac_sch22B	North Clackamas SD 1	Sunnyside Elementary School	High	1949	1960	1960	52,528	543	Medium-yes	Low-minor	RETROFITTED	B	**RM1**	**1.8**	W2	1.8	S1	1.8	**RM1**	**1.8**	Moderate (>1%)
Clac_sch22	Clac_sch22C	North Clackamas SD 1	Sunnyside Elementary School	High	1949	1993	1990	52,528	543	Medium-yes	Medium-yes	RETROFITTED	B	PC1	2.1	W2	3.7	**S2**	**1.0**	**S2**	**1.0**	Moderate (>1%)
Clac_sch22	Clac_sch22D	North Clackamas SD 1	Sunnyside Elementary School	High	1949	1979	1980	52,528	543	Medium-yes	Medium-yes	RETROFITTED	B	**W2**	**3.7**					**W2**	**3.7**	Low (<1%)
Clac_sch25	Clac_sch25A	North Clackamas SD 1	Sunrise Middle School	High	1991			99,366	1,131			*MISSED*	C		-							Low (<1%)
Clac_sch23	Clac_sch23A	North Clackamas SD 1	View Acres Elementary School	High	1964	1964	1960	54,459	469	Medium-yes	Medium-yes	RETROFITTED	B	**RM1**	**1.3**					**RM1**	**1.3**	Moderate (>1%)
Clac_sch86	Clac_sch86A	North Clackamas SD 1	Whitcomb Elementary School	High	1958	1959	1950	52,111	598	Medium-yes	Medium-yes	RETROFITTED	C	**W2**	**0.9**	RM1	0.9			**W2**	**0.9**	Moderate (>1%)
Clac_sch24	Clac_sch24A	North Clackamas SD 1	Wichita Elementary School	High	1941	1941	1940	33,994	291	Medium-yes	Medium-yes	RVS2006	C	**W2**	**(0.1)**					**W2**	**(0.1)**	Very High (100%)
Doug_sch18	Doug_sch18A	North Douglas SD 22	North Douglas Elementary Schoc	High	1961		1930	28,303	284	Medium-yes	Medium-yes	RVS2006	C	**W2**	**(0.1)**	C2	(0.1)			**W2**	**(0.1)**	Very High (100%)
Doug_sch18	Doug_sch18B	North Douglas SD 22	North Douglas Elementary Schoc	High	1961		1950	28,303	284	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Doug_sch18	Doug_sch18C	North Douglas SD 22	North Douglas Elementary Schoc	High	1961		1950	28,303	284	Low-minor	Low-minor	RVS2006	C	**W2**	**3.4**					**W2**	**3.4**	Low (<1%)
Lake_sch03	Lake_sch03A	North Lake SD 14	North Lake School	Moderate	1991	1991	1990	54,000	208		Medium-yes	RVS2006	C	**W2**	**5.1**					**W2**	**5.1**	Low (<1%)
Lake_sch03	Lake_sch03B	North Lake SD 14	North Lake School	Moderate	1991	1991	1990	54,000	208		Medium-yes	RVS2006	C	**RM1**	**2.3**					**RM1**	**2.3**	Low (<1%)
Lake_sch03	Lake_sch03C	North Lake SD 14	North Lake School	Moderate	1991	1991	1990	54,000	208			RVS2006	C	**W2**	**5.6**					**W2**	**5.6**	Low (<1%)
Mari_sch10	Mari_sch10A	North Marion SD 15	North Marion High School	High	1950	1950	1950	117,456	582	Medium-yes	Medium-yes	RVS2006	D	**C2**	**0.7**	RM1	0.7			**C2**	**0.7**	High (>10%)
Mari_sch10	Mari_sch10B	North Marion SD 15	North Marion High School	High	1950	1971	1970	117,456	582			RVS2006	D	**PC1**	**2.0**					**PC1**	**2.0**	Moderate (>1%)
Mari_sch10	Mari_sch10C	North Marion SD 15	North Marion High School	High	1950	1950	1950	117,456	582	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.5**					**W2**	**0.5**	High (>10%)
Mari_sch10	Mari_sch10D	North Marion SD 15	North Marion High School	High	1950	1969	1960	117,456	582		Medium-yes	RVS2006	D	**W2**	**2.5**					**W2**	**2.5**	Low (<1%)
Mari_sch10	Mari_sch10E	North Marion SD 15	North Marion High School	High	1950	1969	1960	117,456	582	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.5**					**W2**	**0.5**	High (>10%)
Mari_sch08	Mari_sch08A	North Marion SD 15	North Marion Intermediate Schoo	High	1962		1960	57,320	443			RVS2006	D	**W2**	**3.0**					**W2**	**3.0**	Low (<1%)
Mari_sch09	Mari_sch09A	North Marion SD 15	North Marion Middle School	High	1981	1981	1980	78,458	441	Medium-yes	Medium-yes	RVS2006	D	**W2**	**2.9**					**W2**	**2.9**	Low (<1%)
Mari_sch09	Mari_sch09B	North Marion SD 15	North Marion Middle School	High	1981	1981	1980	78,458	441	Medium-yes	Medium-yes	RVS2006	D	**C2**	**0.7**	PC1	1.5			**C2**	**0.7**	High (>10%)
Mari_sch71	Mari_sch71A	North Marion SD 15	North Marion Primary School	High	2000			54,850	429			NEW	D		-							Low (<1%)
Unio_sch10	Unio_sch10A	North Powder SD 8J	Powder Valley School	Moderate	1937		1910	47,764	211	Medium-yes		RVS2006	D	**URM**	**0.7**					**URM**	**0.7**	High (>10%)
Unio_sch10	Unio_sch10B	North Powder SD 8J	Powder Valley School	Moderate	1937	1937	1930	47,764	211	Medium-yes		RVS2006	D	W2	0.4	**C2**	**0.0**			**C2**	**0.0**	Very High (100%)
Unio_sch10	Unio_sch10C	North Powder SD 8J	Powder Valley School	Moderate	1937	1955	1950	47,764	211	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**	S3	2.3			**RM1**	**(0.1)**	Very High (100%)
Unio_sch10	Unio_sch10D	North Powder SD 8J	Powder Valley School	Moderate	1937		1960	47,764	211	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.1**					**W2**	**0.1**	High (>10%)
Linn_sch45	Linn_sch45A	North Santiam SD 29J	Mari-Linn Elementary School	Moderate	1948		1960	29,687	234	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					**RM1**	**(0.1)**	Very High (100%)
Linn_sch45	Linn_sch45B	North Santiam SD 29J	Mari-Linn Elementary School	Moderate	1948		1960	29,687	234	Medium-yes	Medium-yes	RVS2006	D	**C2**	**(0.1)**					**C2**	**(0.1)**	Very High (100%)
Mari_sch49	Mari_sch49A	North Santiam SD 29J	Stayton Elementary School	Moderate	1952		1950	48,887	489	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.1**	URM	0.6			**W2**	**0.1**	High (>10%)
Mari_sch49	Mari_sch49B	North Santiam SD 29J	Stayton Elementary School	Moderate	1952		1950	48,887	489	Medium-yes	Medium-yes	RVS2006	D	**C2**	**(0.1)**					**C2**	**(0.1)**	Very High (100%)
Mari_sch59	Mari_sch59A	North Santiam SD 29J	Stayton High School	Moderate	1949		1950	176,771	783	Medium-yes	Medium-yes	RVS2006	D	**C2**	**(0.1)**					**C2**	**(0.1)**	Very High (100%)
Mari_sch59	Mari_sch59B	North Santiam SD 29J	Stayton High School	Moderate	1949		1980	176,771	783	Medium-yes	Low-minor	RVS2006	D	**PC1**	**2.2**					**PC1**	**2.2**	Low (<1%)
Mari_sch59	Mari_sch59C	North Santiam SD 29J	Stayton High School	Moderate	1949		1990	176,771	783			RVS2006	D	**S3**	**2.8**					**S3**	**2.8**	Low (<1%)

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Mari_sch59	Mari_sch59D	North Santiam SD 29J	Stayton High School	Moderate	1949		1970	176,771	783			RVS2006	D	W1	4.6	**RM1**	**2.4**			**RM1**	**2.4**	Low (<1%)
Mari_sch59	Mari_sch59E	North Santiam SD 29J	Stayton High School	Moderate	1949		1970	176,771	783		Medium-yes	RVS2006	D	**W2**	**3.1**					**W2**	**3.1**	Low (<1%)
Mari_sch59	Mari_sch59F	North Santiam SD 29J	Stayton High School	Moderate	1949		1970	176,771	783	Medium-yes	Medium-yes	RVS2006	D	**C2**	**(0.1)**	PC1	1.7			**C2**	**(0.1)**	**Very High (100%)**
Mari_sch59	Mari_sch59G	North Santiam SD 29J	Stayton High School	Moderate	1949		1950	176,771	783	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.1**					**W2**	**0.1**	High (>10%)
Mari_sch59	Mari_sch59H	North Santiam SD 29J	Stayton High School	Moderate	1949		1950	176,771	783	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.1**					**W2**	**0.1**	High (>10%)
Mari_sch59	Mari_sch59I	North Santiam SD 29J	Stayton High School	Moderate	1949		1950	176,771	783	Medium-yes	Medium-yes	RVS2006	D	**C2**	**(0.1)**	W2	0.1			**C2**	**(0.1)**	**Very High (100%)**
Mari_sch50	Mari_sch50A	North Santiam SD 29J	Stayton Middle School	Moderate	1970	1970	1970	84,296	603	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					**RM1**	**(0.1)**	**Very High (100%)**
Mari_sch50	Mari_sch50B	North Santiam SD 29J	Stayton Middle School	Moderate	1970		1970	84,296	603	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					**RM1**	**(0.1)**	**Very High (100%)**
Mari_sch50	Mari_sch50C	North Santiam SD 29J	Stayton Middle School	Moderate	1970		1980	84,296	603		Medium-yes	RVS2006	D	**RM1**	**1.9**					**RM1**	**1.9**	Moderate (>1%)
Mari_sch50	Mari_sch50D	North Santiam SD 29J	Stayton Middle School	Moderate	1970		1980	84,296	603		Medium-yes	RVS2006	D	**W1**	**5.7**					**W1**	**5.7**	Low (<1%)
Mari_sch03	Mari_sch03A	North Santiam SD 29J	Sublimity Elementary School	Moderate	1951		1960	19,784	343	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.5**					**W2**	**0.5**	High (>10%)
Mari_sch03	Mari_sch03B	North Santiam SD 29J	Sublimity Elementary School	Moderate	1951		1980	19,784	343	Medium-yes	Medium-yes	RVS2006	C	**W2**	**2.1**					**W2**	**2.1**	Low (<1%)
Wasc_sch04	Wasc_sch04A	North Wasco County Sl	Chenowith Elementary School	Moderate	1962		1960	38,214	417	Medium-yes	Medium-yes	RVS2006	B	**C2**	**1.1**					**C2**	**1.1**	Moderate (>1%)
Wasc_sch04	Wasc_sch04B	North Wasco County Sl	Chenowith Elementary School	Moderate	1962		1960	38,214	417	Medium-yes	Medium-yes	RVS2006	B	**C2**	**1.1**					**C2**	**1.1**	Moderate (>1%)
Wasc_sch08	Wasc_sch08A	North Wasco County Sl	Colonel Wright Elementary Schoo	Moderate	1924		1920	34,109	350			RVS2006	C	**C2**	**2.4**					**C2**	**2.4**	Low (<1%)
Wasc_sch08	Wasc_sch08B	North Wasco County Sl	Colonel Wright Elementary Schoo	Moderate	1924		1950	34,109	350	Medium-yes	Medium-yes	RVS2006	C	W2	0.5	URM	1.0	**RM1**	**0.3**	**RM1**	**0.3**	High (>10%)
Wasc_sch08	Wasc_sch08C	North Wasco County Sl	Colonel Wright Elementary Schoo	Moderate	1924		1950	34,109	350			RVS2006	C	W2	4.0	**URM**	**3.0**			**URM**	**3.0**	Low (<1%)
Wasc_sch01	Wasc_sch01A	North Wasco County Sl	Dry Hollow Elementary School	Moderate	1960		1960	36,016	456	Medium-yes	Medium-yes	RVS2006	C	**C2**	**0.3**	W2	0.5			**C2**	**0.3**	High (>10%)
Wasc_sch09	Wasc_sch09A	North Wasco County Sl	Mosier Community School	Moderate	1920		1920	14,500	128	Low-minor	Medium-yes	RVS2006	C	**C2**	**1.9**					**C2**	**1.9**	Moderate (>1%)
Wasc_sch02	Wasc_sch02A	North Wasco County Sl	The Dalles Middle School	Moderate	2002			99,000	658			NEW	C		-							Low (<1%)
Wasc_sch05	Wasc_sch05A	North Wasco County Sl	The Dalles-Wahtonka High Schoo	Moderate	1940		1940		966	Medium-yes	Medium-yes	RVS2006	B	**C2**	**0.7**					**C2**	**0.7**	High (>10%)
Wasc_sch05	Wasc_sch05B	North Wasco County Sl	The Dalles-Wahtonka High Schoo	Moderate	1940	1940	1940		966	Medium-yes	Medium-yes	RVS2006	B	**C2**	**0.7**					**C2**	**0.7**	High (>10%)
Wasc_sch05	Wasc_sch05C	North Wasco County Sl	The Dalles-Wahtonka High Schoo	Moderate	1940		1970		966	Low-minor	Low-minor	RVS2006	B	**RM1**	**3.6**					**RM1**	**3.6**	Low (<1%)
Wasc_sch05	Wasc_sch05D	North Wasco County Sl	The Dalles-Wahtonka High Schoo	Moderate	1940		1950		966	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1	**C1**	**0.5**	C3	0.7	**C1**	**0.5**	High (>10%)
Wasc_sch05	Wasc_sch05E	North Wasco County Sl	The Dalles-Wahtonka High Schoo	Moderate	1940		1950		966			RVS2006	B	RM1	3.6	**C1**	**3.0**	C3	3.2	**C1**	**3.0**	Low (<1%)
Wasc_sch07	Wasc_sch07A	North Wasco County Sl	The Dalles-Wahtonka High Schoo	Moderate	1965	1965	1960		253	Medium-yes	Medium-yes	RVS2006	C	**C2**	**0.3**	RM1	0.3			**C2**	**0.3**	High (>10%)
Wasc_sch07	Wasc_sch07B	North Wasco County Sl	The Dalles-Wahtonka High Schoo	Moderate	1965	1994	1990		253			RVS2006	C	**PC1**	**2.6**					**PC1**	**2.6**	Low (<1%)
Malh_sch07	Malh_sch07A	Nyssa SD 26	Nyssa Elementary School	Moderate	1998	1998	1990	66,044	566			NEW	D		-							Low (<1%)
Malh_sch09	Malh_sch09A	Nyssa SD 26	Nyssa High School	Moderate	1974	1974	1970	38,058	318		Medium-yes	RVS2006	D	**RM1**	**1.9**	C2	1.9			**RM1**	**1.9**	Moderate (>1%)
Malh_sch09	Malh_sch09B	Nyssa SD 26	Nyssa High School	Moderate	1974	1974	1970	38,058	318	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**	C2	(0.1)			**RM1**	**(0.1)**	**Very High (100%)**
Malh_sch09	Malh_sch09C	Nyssa SD 26	Nyssa High School	Moderate	1974	1974	1970	38,058	318			RVS2006	D	**RM1**	**2.4**	C2	2.4			**RM1**	**2.4**	Low (<1%)
Malh_sch08	Malh_sch08A	Nyssa SD 26	Nyssa Middle School	Moderate	1958	1958	1950	20,411	262	Medium-yes	Medium-yes	RVS2006	D	**C2**	**(0.1)**					**C2**	**(0.1)**	**Very High (100%)**
Doug_sch39	Doug_sch39A	Oakland SD 1	Lincoln Middle School	High	1953		1950	27,846	170	Medium-yes	Medium-yes	RVS2006	B	**W2**	**1.3**					**W2**	**1.3**	Moderate (>1%)
Doug_sch39	Doug_sch39B	Oakland SD 1	Lincoln Middle School	High	1953		1960	27,846	170		Medium-yes	RVS2006	B	**W2**	**3.3**					**W2**	**3.3**	Low (<1%)
Doug_sch36	Doug_sch36A	Oakland SD 1	Oakland Elementary School	High	1975		1970	35,504	188		Medium-yes	RVS2006	B	**RM1**	**2.3**					**RM1**	**2.3**	Low (<1%)
Doug_sch36	Doug_sch36B	Oakland SD 1	Oakland Elementary School	High	1975		1970	35,504	188	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**	W2	1.3			**RM1**	**1.3**	Moderate (>1%)
Doug_sch37	Doug_sch37A	Oakland SD 1	Oakland High School	High	1948		1950	51,202	203	Medium-yes	Medium-yes	RVS2006	B	**W2**	**1.3**	RM1	1.3	S3	2.7	**W2**	**1.3**	Moderate (>1%)
Doug_sch37	Doug_sch37B	Oakland SD 1	Oakland High School	High	1948		1970	51,202	203	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**	W2	1.3			**RM1**	**1.3**	Moderate (>1%)
Doug_sch37	Doug_sch37C	Oakland SD 1	Oakland High School	High	1948		1950	51,202	203	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**					**RM1**	**1.3**	Moderate (>1%)
Lane_sch65	Lane_sch65A	Oakridge SD 76	Oakridge Elementary School	Moderate	1948		1960	48,960	270	Medium-yes	Medium-yes	RVS2006	C	W2	0.5	**RM1**	**0.3**			**RM1**	**0.3**	High (>10%)
Lane_sch65	Lane_sch65B	Oakridge SD 76	Oakridge Elementary School	Moderate	1948		1960	48,960	270		Medium-yes	RVS2006	C	W2	3.5	**RM1**	**2.3**			**RM1**	**2.3**	Low (<1%)
Lane_sch67	Lane_sch67A	Oakridge SD 76	Oakridge High School	Moderate	1957		1970	104,546	252	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**	W2	0.5			**RM1**	**0.3**	High (>10%)
Lane_sch66	Lane_sch66A	Oakridge SD 76	Westridge Middle School	Moderate	1954		1960	45,524	157	Medium-yes	Medium-yes	RVS2006	C	W2	0.5	**RM1**	**0.3**	S3	2.7	**RM1**	**0.3**	High (>10%)
Mari_sch92	Mari_sch92A	ODE YCEP District	Robert S Farrell High School	High	1950	1950	1930		183	Medium-yes	Low-minor	RVS2006	B	**C2**	**1.8**					**C2**	**1.8**	Moderate (>1%)
Mari_sch92	Mari_sch92B	ODE YCEP District	Robert S Farrell High School	High	1950		1960		183	Medium-yes	Medium-yes	RVS2006	B	**C2**	**1.3**	RM1	1.3			**C2**	**1.3**	Moderate (>1%)
Mari_sch94	Mari_sch94A	ODE YCEP District	William P Lord High School	High			1960		372		Medium-yes	RVS2006	D	**RM1**	**1.7**	W2	2.5	S1	1.7	**RM1**	**1.7**	Moderate (>1%)
Mari_sch94	Mari_sch94B	ODE YCEP District	William P Lord High School	High			1970		372	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					**RM1**	**0.7**	High (>10%)
Mari_sch94	Mari_sch94C	ODE YCEP District	William P Lord High School	High			1970		372		Medium-yes	RVS2006	D	C2	1.7	**C3**	**0.7**			**C3**	**0.7**	High (>10%)
Mari_sch94	Mari_sch94D	ODE YCEP District	William P Lord High School	High			1960		372	Medium-yes	Medium-yes	RVS2006	D	**C2**	**0.7**					**C2**	**0.7**	High (>10%)
Mari_sch94	Mari_sch94E	ODE YCEP District	William P Lord High School	High			1960		372	Medium-yes	Medium-yes	RVS2006	D	**C2**	**0.7**					**C2**	**0.7**	High (>10%)
Malh_sch01	Malh_sch01A	Ontario SD 8C	Aiken Elementary School	Moderate	1957		1960	22,045	276			RVS2006	D	W2	3.6	**RM1**	**2.4**			**RM1**	**2.4**	Low (<1%)
Malh_sch01	Malh_sch01B	Ontario SD 8C	Aiken Elementary School	Moderate	1957		1960	22,045	276			RVS2006	D	W2	3.6	**RM1**	**2.4**	C2	2.4	**RM1**	**2.4**	Low (<1%)
Malh_sch13	Malh_sch13A	Ontario SD 8C	Alameda Elementary School	Moderate	1962		1960	28,723	318	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					**RM1**	**(0.1)**	**Very High (100%)**
Malh_sch14	Malh_sch14A	Ontario SD 8C	Cairo Elementary School	Moderate	1957	1957	1950	16,888	151		Medium-yes	RVS2006	E	W2	2.5	**C2**	**1.5**			**C2**	**1.5**	Moderate (>1%)
Malh_sch02	Malh_sch02A	Ontario SD 8C	May Roberts Elementary School	Moderate	1970		1960	33,653	365	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**	W2	0.1			**RM1**	**(0.1)**	**Very High (100%)**
Malh_sch02	Malh_sch02B	Ontario SD 8C	May Roberts Elementary School	Moderate	1970		1950	33,653	365			RVS2006	D	W1	4.6	**S1**	**2.6**			**S1**	**2.6**	Low (<1%)
Malh_sch05	Malh_sch05A	Ontario SD 8C	Ontario High School	Moderate	1980		1950	87,681	784	Medium-yes	Medium-yes	RVS2006	D	**C2**	**(0.1)**					**C2**	**(0.1)**	**Very High (100%)**
Malh_sch05	Malh_sch05B	Ontario SD 8C	Ontario High School	Moderate	1980		1970	87,681	784	Medium-yes	Medium-yes	RVS2006	D	**C2**	**(0.1)**					**C2**	**(0.1)**	**Very High (100%)**
Malh_sch05	Malh_sch05C	Ontario SD 8C	Ontario High School	Moderate	1980		1970	87,681	784	Medium-yes	Medium-yes	RVS2006	D	**C2**	**(0.1)**					**C2**	**(0.1)**	**Very High (100%)**
Malh_sch04	Malh_sch04A	Ontario SD 8C	Ontario Middle School	Moderate	1939		1950	148,000	698			RVS2006	D	**RM1**	**2.4**					**RM1**	**2.4**	Low (<1%)
Malh_sch04	Malh_sch04B	Ontario SD 8C	Ontario Middle School	Moderate	1939		1950		698	Medium-yes		RVS2006	D	**C2**	**0.4**	RM1	0.4			**C2**	**0.4**	High (>10%)
Malh_sch04	Malh_sch04C	Ontario SD 8C	Ontario Middle School	Moderate	1939	1939	1930		698		Medium-yes	RVS2006	D	URM	1.7	**C2**	**1.5**			**C2**	**1.5**	Moderate (>1%)
Malh_sch04	Malh_sch04D	Ontario SD 8C	Ontario Middle School	Moderate	1939		1970		698	Medium-yes		RVS2006	D	**RM1**	**0.4**					**RM1**	**0.4**	High (>10%)
Malh_sch04	Malh_sch04E	Ontario SD 8C	Ontario Middle School	Moderate	1939	1939	1930		698		Medium-yes	RVS2006	D	URM	1.7	**C2**	**1.5**			**C2**	**1.5**	Moderate (>1%)
Malh_sch04	Malh_sch04F	Ontario SD 8C	Ontario Middle School	Moderate	1939	1939	1930		698			RVS2006	D	URM	2.2	**C2**	**2.0**			**C2**	**2.0**	Moderate (>1%)
Malh_sch03	Malh_sch03A	Ontario SD 8C	Pioneer Elementary School	Moderate	1964		1930	12,860	139	Medium-yes	Medium-yes	RVS2006	D	**URM**	**0.2**					**URM**	**0.2**	High (>10%)
Malh_sch03	Malh_sch03B	Ontario SD 8C	Pioneer Elementary School	Moderate	1964		1960	12,860	139	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					**RM1**	**(0.1)**	**Very High (100%)**
Malh_sch03	Malh_sch03C	Ontario SD 8C	Pioneer Elementary School	Moderate	1964		1960	12,860	139			RVS2006	D	**RM1**	**2.4**					**RM1**	**2.4**	Low (<1%)
Mari_sch93	Mari_sch93A	OR Dep. of Education	Oregon School for the Deaf	High	1914	1962	1960		124	Medium-yes	Medium-yes	RVS2006	E	**C2**	**0.5**					**C2**	**0.5**	High (>10%)
Mari_sch93	Mari_sch93B	OR Dep. of Education	Oregon School for the Deaf	High	1914	1957	1950		124	Medium-yes	Medium-yes	RVS2006	D	**C2**	**0.7**					**C2**	**0.7**	High (>10%)
Mari_sch93	Mari_sch93C	OR Dep. of Education	Oregon School for the Deaf	High	1914	1948	1940		124	Low-minor	Medium-yes	RVS2006	D	**W2**	**2.5**					**W2**	**2.5**	Low (<1%)
Mari_sch93	Mari_sch93D	OR Dep. of Education	Oregon School for the Deaf	High	1914	1962	1960		124		Medium-yes	RVS2006	D	**W2**	**2.5**					**W2**	**2.5**	Low (<1%)
Mari_sch93	Mari_sch93E	OR Dep. of Education	Oregon School for the Deaf	High	1914	1957	1950		124	Low-minor	Medium-yes	RVS2006	D	**C2**	**1.7**					**C2**	**1.7**	Moderate (>1%)
Mari_sch93	Mari_sch93F	OR Dep. of Education	Oregon School for the Deaf	High	1914	1950	1950		124		Medium-yes	RVS2006	D	**W1**	**3.9**					**W1**	**3.9**	Low (<1%)
Mari_sch93	Mari_sch93G	OR Dep. of Education	Oregon School for the Deaf	High	1914	1971	1970		124	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.5**					**W2**	**0.5**	High (>10%)

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Mari_sch93	Mari_sch93H	OR Dep. of Education	Oregon School for the Deaf	High	1914	1922	1920		124	Medium-yes		RVS2006	E	C2	-					C2	-	Very High (100%)
Mari_sch93	Mari_sch93I	OR Dep. of Education	Oregon School for the Deaf	High	1914	1962	1960		124		Medium-yes	RVS2006	E	C2	1.5	RM1	1.9	W1	3.9	C2	1.5	Moderate (>1%)
Mari_sch93	Mari_sch93J	OR Dep. of Education	Oregon School for the Deaf	High	1914	1975	1970		124	Medium-yes	Medium-yes	RVS2006	E	RM1	0.9	W2	0.5			W2	0.5	High (>10%)
Mari_sch93	Mari_sch93K	OR Dep. of Education	Oregon School for the Deaf	High	1914	1914	1910		124	Medium-yes	Medium-yes	RVS2006	D	URM	(0.5)					URM	(0.5)	Very High (100%)
Clac_sch41	Clac_sch41A	Oregon City SD 62	Beavercreek Elementary School	High	1948			47,750	511			FEMA154	B	RM1	2.8					RM1	2.8	Low (<1%)
Clac_sch42	Clac_sch42A	Oregon City SD 62	Candy Lane Elementary School	High	1969		1970	34,930	232	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3	W2	1.3			RM1	1.3	Moderate (>1%)
Clac_sch44	Clac_sch44A	Oregon City SD 62	Gaffney Lane Elementary School	High	1965		1970	54,980	583	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	W2	0.9			RM1	0.9	High (>10%)
Clac_sch44	Clac_sch44B	Oregon City SD 62	Gaffney Lane Elementary School	High	1965		2000	54,980	583	Medium-yes	Medium-yes	RVS2006	C	RM1	3.7					RM1	3.7	Low (<1%)
Clac_sch49	Clac_sch49A	Oregon City SD 62	Gardiner Middle School	High	1954		1950	98,600	602	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	RM1	0.9			C2	0.9	High (>10%)
Clac_sch49	Clac_sch49B	Oregon City SD 62	Gardiner Middle School	High	1954		1980	98,600	602	Medium-yes	Medium-yes	RVS2006	C	W2	3.3					W2	3.3	Low (<1%)
Clac_sch43	Clac_sch43A	Oregon City SD 62	Holcomb Elementary School	High	1966		1960	48,132	427	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3	C2	1.3			RM1	1.3	Moderate (>1%)
Clac_sch43	Clac_sch43B	Oregon City SD 62	Holcomb Elementary School	High	1966		2000	48,132	427	Medium-yes	Low-minor	RVS2006	B	RM1	4.6					RM1	4.6	Low (<1%)
Clac_sch45	Clac_sch45A	Oregon City SD 62	Jennings Lodge Elementary Sch	High	1938		1930	32,030	293	Medium-yes	Medium-yes	RVS2006	C	W2	(0.1)					W2	(0.1)	Very High (100%)
Clac_sch45	Clac_sch45B	Oregon City SD 62	Jennings Lodge Elementary Sch	High	1938		1950	32,030	293	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Clac_sch91	Clac_sch91A	Oregon City SD 62	John McLoughlin Elementary Sch	High	1975	1976	1970	57,780	572	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	W2	0.9	PC1	1.7	RM1	0.9	High (>10%)
Clac_sch91	Clac_sch91B	Oregon City SD 62	John McLoughlin Elementary Sch	High	1975		2000	57,780	572	Medium-yes	Medium-yes	RVS2006	C	RM1	3.7					RM1	3.7	Low (<1%)
Clac_sch46	Clac_sch46A	Oregon City SD 62	King Elementary School	High	1958	1959	1950	44,220	411	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	C2	0.9	W2	0.9	RM1	0.9	High (>10%)
Clac_sch46	Clac_sch46B	Oregon City SD 62	King Elementary School	High	1958		1970	44,220	411	Medium-yes	Medium-yes	RVS2006	C	W2	0.9	C2	0.9			W2	0.9	High (>10%)
Clac_sch47	Clac_sch47A	Oregon City SD 62	Mt Pleasant Elementary School	High	1929		1970	43,070	401		Medium-yes	RVS2006	C	RM1	1.9					RM1	1.9	Moderate (>1%)
Clac_sch47	Clac_sch47B	Oregon City SD 62	Mt Pleasant Elementary School	High	1929		1940	43,070	401	Medium-yes	Medium-yes	RVS2006	C	W2	(0.1)	C2	(0.1)			W2	(0.1)	Very High (100%)
Clac_sch47	Clac_sch47C	Oregon City SD 62	Mt Pleasant Elementary School	High	1929		1960	43,070	401	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Clac_sch50	Clac_sch50A	Oregon City SD 62	Ogden Middle School	High	1965		1970	100,370	663	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Clac_sch50	Clac_sch50B	Oregon City SD 62	Ogden Middle School	High	1965	1966	1960	100,370	663	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	RM1	0.9			C2	0.9	High (>10%)
Clac_sch51	Clac_sch51A	Oregon City SD 62	Oregon City Senior High School	High	2003			324,433	2,359			NEW	C		-							Low (<1%)
Clac_sch48	Clac_sch48A	Oregon City SD 62	Park Place Elementary School	High	1946		1940	39,950	286	Medium-yes	Medium-yes	RVS2006	C	W2	0.9	C2	0.9			W2	0.9	High (>10%)
Clac_sch65	Clac_sch65A	Oregon City SD 62	Redland Elementary School	High	1948			55,000	583			FEMA154	C	RM1	2.4					RM1	2.4	Low (<1%)
Clac_sch34	Clac_sch34A	Oregon Trail SD 46	Boring Middle School - Old Gym	High	1948			9,500		Medium-yes	Medium-yes	FEMA154	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Clac_sch34	Clac_sch34B	Oregon Trail SD 46	Boring Middle School - Main	High	1948			50,000		Medium-yes	Medium-yes	FEMA154	B	C2	1.3					C2	1.3	Moderate (>1%)
Clac_sch34	Clac_sch34C	Oregon Trail SD 46	Boring Middle School - New Gym	High	1963			10,000		Medium-yes	Medium-yes	FEMA154	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Clac_sch38	Clac_sch38A	Oregon Trail SD 46	Cedar Ridge Middle School	Moderate	1955			55,272	422			FEMA154	C	W2	4.0					W2	4.0	Low (<1%)
Clac_sch37	Clac_sch37A	Oregon Trail SD 46	Firwood Elementary School	Moderate	1966			46,980	466			FEMA154	C	W2	4.0					W2	4.0	Low (<1%)
Clac_sch35	Clac_sch35A	Oregon Trail SD 46	Kelso Elementary School	High	1978			39,268	315			FEMA154	C	W2	3.4					W2	3.4	Low (<1%)
Clac_sch89	Clac_sch89A	Oregon Trail SD 46	Naas Elementary School	High	1968			44,936	237			FEMA154	B	W2	3.8					W2	3.8	Low (<1%)
Clac_sch36	Clac_sch36A	Oregon Trail SD 46	Sandy Grade School	Moderate	1930			42,122	354			FEMA154	C	W2	3.8					W2	3.8	Low (<1%)
Clac_sch67	Clack_sch67A	Oregon Trail SD 46	Sandy High School-Frazier	Moderate	1969			16,048			Medium-yes	FEMA154	C	W2	3.5					W2	3.5	Low (<1%)
Clac_sch67	Clack_sch67B	Oregon Trail SD 46	Sandy High School-Main	Moderate	1937			121,666			Medium-yes	FEMA154	C	PC1	1.9					PC1	1.9	Moderate (>1%)
Clac_sch67	Clack_sch67C	Oregon Trail SD 46	Sandy High School-North	Moderate	1923			16,600		Medium-yes	Medium-yes	FEMA154	C	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Clac_sch30	Clac_sch30A	Oregon Trail SD 46	Welches Elementary School	Moderate	1980			31,294	295			FEMA154	D	RM1	2.4					RM1	2.4	Low (<1%)
Clac_sch78	Clac_sch78A	Oregon Trail SD 46	Welches Middle School	Moderate	1992			32,205	177			FEMA154	D	W2	5.2					W2	5.2	Low (<1%)
Lake_sch01	Lake_sch01A	Paisley SD 11	Paisley School	High	1917	1917	1910	31,869	85	Medium-yes		RVS2006	E	C2	-					C2	-	Very High (100%)
Lake_sch01	Lake_sch01B	Paisley SD 11	Paisley School	High	1917		1960	31,869	85	Medium-yes	Medium-yes	RVS2006	E	W2	0.5					W2	0.5	High (>10%)
Lake_sch01	Lake_sch01C	Paisley SD 11	Paisley School	High	1917		1980	31,869	85	Medium-yes	Medium-yes	RVS2006	E	RM1	0.9					RM1	0.9	High (>10%)
Lake_sch01	Lake_sch01D	Paisley SD 11	Paisley School	High	1917	1969	1960	31,869	85			RVS2006	E	C2	2.0					C2	2.0	Moderate (>1%)
Lake_sch01	Lake_sch01E	Paisley SD 11	Paisley School	High	1917	1979	1970	31,869	85			RVS2006	E	W1	4.4					W1	4.4	Low (<1%)
Mult_sch127	Mult_sch127A	Parkrose SD 3	Parkrose High School	High	1997			240,000	1,133			NEW	C		-							Low (<1%)
Mult_sch126	Mult_sch126A	Parkrose SD 3	Parkrose Middle School	High	1962	1962	1960	113,603	825	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	RM1	0.9			C2	0.9	High (>10%)
Mult_sch124	Mult_sch124A	Parkrose SD 3	Prescott Elementary School	High	1959		1950	37,740	371	Medium-yes	Low-minor	RVS2006	C	W2	1.4	C2	1.4			W2	1.4	Moderate (>1%)
Mult_sch124	Mult_sch124B	Parkrose SD 3	Prescott Elementary School	High	1959		1960	37,740	371		Medium-yes	RVS2006	C	C2	1.9					C2	1.9	Moderate (>1%)
Mult_sch67	Mult_sch67A	Parkrose SD 3	Russell Academy	High	1961		1960	43,973	396	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	C2	0.9			RM1	0.9	High (>10%)
Mult_sch67	Mult_sch67B	Parkrose SD 3	Russell Academy	High	1961		1960	43,973	396			RVS2006	C	RM1	2.4	C2	2.4			RM1	2.4	Low (<1%)
Mult_sch60	Mult_sch60A	Parkrose SD 3	Sacramento Elementary School	High	1983		1960	49,528	423	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Mult_sch60	Mult_sch60B	Parkrose SD 3	Sacramento Elementary School	High	1983		1960	49,528	423		Medium-yes	RVS2006	C	C2	1.9					C2	1.9	Moderate (>1%)
Mult_sch125	Mult_sch125A	Parkrose SD 3	Shaver Elementary School	High	1963	1963	1960	46,858	322	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	RM1	0.9			C2	0.9	High (>10%)
Mult_sch125	Mult_sch125B	Parkrose SD 3	Shaver Elementary School	High	1963		1960	46,858	322	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Umat_sch30	Umat_sch30A	Pendleton SD 16	Lincoln Primary School	Moderate	1948		1930	29,806	174	Medium-yes	Medium-yes	RVS2006	B	C2	0.7	W2	1.1	RM1	0.7	C2	0.7	High (>10%)
Umat_sch30	Umat_sch30B	Pendleton SD 16	Lincoln Primary School	Moderate	1948		1940		174	Medium-yes		RVS2006	B	W2	1.8					W2	1.8	Moderate (>1%)
Umat_sch30	Umat_sch30C	Pendleton SD 16	Lincoln Primary School	Moderate	1948		1980		174		Medium-yes	RVS2006	B	W2	5.9					W2	5.9	Low (<1%)
Umat_sch24	Umat_sch24A	Pendleton SD 16	McKay Creek Elementary School	Moderate	1966		1960	35,317	360	Medium-yes	Medium-yes	RVS2006	C	W2	0.5					W2	0.5	High (>10%)
Umat_sch24	Umat_sch24B	Pendleton SD 16	McKay Creek Elementary School	Moderate	1966		1980		360	Medium-yes	Medium-yes	RVS2006	C	W2	2.1					W2	2.1	Low (<1%)
Umat_sch13	Umat_sch13A	Pendleton SD 16	Pendleton High School	Moderate	1968		1950	219,962	1,006	Medium-yes	Medium-yes	RVS2006	C	RM2	0.8	RM1	0.3			RM1	0.3	High (>10%)
Umat_sch13	Umat_sch13B	Pendleton SD 16	Pendleton High School	Moderate	1968		1960	219,962	1,006	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3	C1	(0.1)			C1	(0.1)	Very High (100%)
Umat_sch13	Umat_sch13C	Pendleton SD 16	Pendleton High School	Moderate	1968		1950	219,962	1,006	Medium-yes		RVS2006	C	C2	0.8	RM1	0.8			C2	0.8	High (>10%)
Umat_sch13	Umat_sch13D	Pendleton SD 16	Pendleton High School	Moderate	1968		1960	219,962	1,006	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Umat_sch13	Umat_sch13E	Pendleton SD 16	Pendleton High School	Moderate	1968		1960	219,962	1,006	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Umat_sch10	Umat_sch10A	Pendleton SD 16	Sherwood Heights Elementary Sc	Moderate	1960		1950	37,581	373	Medium-yes	Medium-yes	RVS2006	B	W2	1.3	RM1	1.1			RM1	1.1	Moderate (>1%)
Umat_sch10	Umat_sch10B	Pendleton SD 16	Sherwood Heights Elementary Sc	Moderate	1960		1950		373	Medium-yes	Medium-yes	RVS2006	B	W2	1.3	RM1	1.1			RM1	1.1	Moderate (>1%)
Umat_sch10	Umat_sch10C	Pendleton SD 16	Sherwood Heights Elementary Sc	Moderate	1960		1970		373	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1	S2	1.1			RM1	1.1	Moderate (>1%)
Umat_sch10	Umat_sch10D	Pendleton SD 16	Sherwood Heights Elementary Sc	Moderate	1960		1970		373	Medium-yes	Medium-yes	RVS2006	B	W1	1.2	RM1	1.1			RM1	1.1	Moderate (>1%)
Umat_sch10	Umat_sch10E	Pendleton SD 16	Sherwood Heights Elementary Sc	Moderate	1960		1980		373	Medium-yes	Medium-yes	RVS2006	B	W2	2.9					W2	2.9	Low (<1%)
Umat_sch12	Umat_sch12A	Pendleton SD 16	Sunridge Middle School	Moderate	1981		1980	181,382	807	Medium-yes	Medium-yes	RVS2006	B	S2	1.1	S1	1.1	RM1	1.1	S2	1.1	Moderate (>1%)
Umat_sch11	Umat_sch11A	Pendleton SD 16	Washington Elementary School	Moderate	1958		1940	34,552	411	Medium-yes	Medium-yes	RVS2006	C	W2	0.5	RM1	0.3	C2	(0.9)	C2	(0.9)	Very High (100%)
Umat_sch11	Umat_sch11B	Pendleton SD 16	Washington Elementary School	Moderate	1958		1960	34,552	411			RVS2006	C	W1	5.0					W1	5.0	Low (<1%)
Umat_sch11	Umat_sch11C	Pendleton SD 16	Washington Elementary School	Moderate	1958		1980	34,552	411	Medium-yes	Medium-yes	RVS2006	C	W2	2.1	RM1	0.3			RM1	0.3	High (>10%)
Umat_sch28	Umat_sch28A	Pendleton SD 16	West Hills Intermediate	Moderate	1958		1950	21,259	182	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Umat_sch28	Umat_sch28B	Pendleton SD 16	West Hills Intermediate	Moderate	1958		1970		182			RVS2006	C	RM1	2.8					RM1	2.8	Low (<1%)

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Umat_sch28	Umat_sch28C	Pendleton SD 16	West Hills Intermediate	Moderate	1958		1970		182	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1					RM1	1.1	Moderate (>1%)
Yamh_sch31	Yamh_sch31A	Perrydale SD 21	Perrydale School	High	2001			50,000	323			NEW	C		-							Low (<1%)
Bent_sch18	Bent_sch18A	Philomath SD 17J	Clemens Primary School	High	2000			82,500	177			NEW	C	W2	5.8					W2	5.8	Low (<1%)
Bent_sch15	Bent_sch15A	Philomath SD 17J	Philomath Elementary School	High	1948			53,413	426			SER	C	W2	0.9					W2	0.9	High (>10%)
Bent_sch16	Bent_sch16A	Philomath SD 17J	Philomath High School	High	1956			108,712	620			SER	C	W2	0.9					W2	0.9	High (>10%)
Bent_sch13	Bent_sch13A	Philomath SD 17J	Philomath Middle School	High	1973			72,345	620			SER	C	W2	0.9					W2	0.9	High (>10%)
Jack_sch41	Jack_sch41A	Phoenix-Talent SD 4	Orchard Hill Elementary School	Moderate	1983		1980	50,182	354	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Jack_sch46	Jack_sch46A	Phoenix-Talent SD 4	Phoenix Elementary School	Moderate	1974		1960	50,262	461	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	RM1	(0.1)			RM1	(0.1)	Very High (100%)
Jack_sch46	Jack_sch46B	Phoenix-Talent SD 4	Phoenix Elementary School	Moderate	1974	1974	1970	50,262	461		Medium-yes	RVS2006	C	S3	2.7	RM1	2.3			RM1	2.3	Low (<1%)
Jack_sch46	Jack_sch46C	Phoenix-Talent SD 4	Phoenix Elementary School	Moderate	1974		1960	50,262	461			RVS2006	D	W2	3.6					W2	3.6	Low (<1%)
Jack_sch46	Jack_sch46D	Phoenix-Talent SD 4	Phoenix Elementary School	Moderate	1974		1990	50,262	461			RVS2006	C	W1	6.6					W1	6.6	Low (<1%)
Jack_sch46	Jack_sch46E	Phoenix-Talent SD 4	Phoenix Elementary School	Moderate	1974		1990	50,262	461			RVS2006	C	W1	6.6					W1	6.6	Low (<1%)
Jack_sch46	Jack_sch46F	Phoenix-Talent SD 4	Phoenix Elementary School	Moderate	1974		1960	50,262	461	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Jack_sch02	Jack_sch02A	Phoenix-Talent SD 4	Phoenix High School	Moderate	1945		1990	131,525	848	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Jack_sch02	Jack_sch02B	Phoenix-Talent SD 4	Phoenix High School	Moderate	1945		1990	131,525	848	Medium-yes		RVS2006	C	RM1	0.8					RM1	0.8	High (>10%)
Jack_sch02	Jack_sch02C	Phoenix-Talent SD 4	Phoenix High School	Moderate	1945		1990	131,525	848	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Jack_sch02	Jack_sch02D	Phoenix-Talent SD 4	Phoenix High School	Moderate	1945		1990	131,525	848			RVS2006	D	RM1	2.4					RM1	2.4	Low (<1%)
Jack_sch47	Jack_sch47A	Phoenix-Talent SD 4	Talent Elementary School	Moderate	1989	1989	1980	50,262	472		Medium-yes	RVS2006	D	S3	2.3	RM1	1.9			RM1	1.9	Moderate (>1%)
Jack_sch47	Jack_sch47B	Phoenix-Talent SD 4	Talent Elementary School	Moderate	1989		1970	50,262	472	Medium-yes		RVS2006	C	RM1	0.8					RM1	0.8	High (>10%)
Jack_sch47	Jack_sch47C	Phoenix-Talent SD 4	Talent Elementary School	Moderate	1989		1970	50,262	472	Low-minor	Medium-yes	RVS2006	D	RM1	1.9					RM1	1.9	Moderate (>1%)
Jack_sch47	Jack_sch47D	Phoenix-Talent SD 4	Talent Elementary School	Moderate	1989		1980	50,262	472			RVS2006	D	RM1	2.4					RM1	2.4	Low (<1%)
Jack_sch47	Jack_sch47E	Phoenix-Talent SD 4	Talent Elementary School	Moderate	1989		1970	50,262	472	Low-minor	Low-minor	RVS2006	D	RM1	2.4					RM1	2.4	Low (<1%)
Jack_sch47	Jack_sch47F	Phoenix-Talent SD 4	Talent Elementary School	High	1989		1990	50,262	472	Low-minor	Medium-yes	RVS2006	D	W2	4.9					W2	4.9	Low (<1%)
Jack_sch01	Jack_sch01A	Phoenix-Talent SD 4	Talent Middle School	Moderate	1945		1960	69,850	639	Low-minor	Medium-yes	RVS2006	C	W2	3.5	RM1	2.3			RM1	2.3	Low (<1%)
Jack_sch01	Jack_sch01B	Phoenix-Talent SD 4	Talent Middle School	Moderate	1945		1960	69,850	639	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Jack_sch01	Jack_sch01C	Phoenix-Talent SD 4	Talent Middle School	Moderate	1945		1960	69,850	639	Medium-yes		RVS2006	C	RM1	0.8					RM1	0.8	High (>10%)
Umat_sch21	Umat_sch21A	Pilot Rock SD 2	Pilot Rock Elementary School	Moderate	1948		1940	39,385	209		Medium-yes	RVS2006	B	RM1	3.1					RM1	3.1	Low (<1%)
Umat_sch21	Umat_sch21B	Pilot Rock SD 2	Pilot Rock Elementary School	Moderate	1948		1950	39,385	209			RVS2006	B	RM1	3.6					RM1	3.6	Low (<1%)
Umat_sch21	Umat_sch21C	Pilot Rock SD 2	Pilot Rock Elementary School	Moderate	1948		1960	39,385	209	Medium-yes	Medium-yes	RVS2006	B	C2	1.1	W2	1.3			C2	1.1	Moderate (>1%)
Umat_sch21	Umat_sch21D	Pilot Rock SD 2	Pilot Rock Elementary School	Moderate	1948		1960	39,385	209	Medium-yes	Medium-yes	RVS2006	B	C2	1.1					C2	1.1	Moderate (>1%)
Umat_sch26	Umat_sch26A	Pilot Rock SD 2	Pilot Rock High School	Moderate	1955	1919	1910	61,073	206	Medium-yes	Medium-yes	RVS2006	B	URM	1.0					URM	1.0	High (>10%)
Umat_sch26	Umat_sch26B	Pilot Rock SD 2	Pilot Rock High School	Moderate	1955		1920		206	Medium-yes	Medium-yes	RVS2006	B	C2	0.7	C1	0.5	URM	1.0	C1	0.5	High (>10%)
Umat_sch26	Umat_sch26C	Pilot Rock SD 2	Pilot Rock High School	Moderate	1955		1950		206	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1					RM1	1.1	Moderate (>1%)
Umat_sch26	Umat_sch26D	Pilot Rock SD 2	Pilot Rock High School	Moderate	1955		1960		206	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1					RM1	1.1	Moderate (>1%)
Umat_sch26	Umat_sch26E	Pilot Rock SD 2	Pilot Rock High School	Moderate	1955		1950		206	Medium-yes	Medium-yes	RVS2006	B	C2	1.1	RM1	1.1			C2	1.1	Moderate (>1%)
Bake_sch04	Bake_sch04A	Pine Eagle SD 61	Halfway Elementary School	Moderate	1945		1960	35,600	94	Medium-yes	Medium-yes	RVS2006	D	W2	0.1					W2	0.1	High (>10%)
Bake_sch04	Bake_sch04B	Pine Eagle SD 61	Halfway Elementary School	Moderate	1945		1970	35,600	94		Medium-yes	RVS2006	D	W2	3.1					W2	3.1	Low (<1%)
Bake_sch05	Bake_sch05A	Pine Eagle SD 61	Pine Eagle High School	Moderate	1967		1960	38,700	74	Medium-yes	Medium-yes	RVS2006	D	PC2	0.0	C1	(0.5)			C1	(0.5)	Very High (100%)
Bake_sch05	Bake_sch05B	Pine Eagle SD 61	Pine Eagle High School	Moderate	1967		1960	38,700	74			RVS2006	D	PC2	2.0	C1	2.0	RM1	2.4	PC2	2.0	Moderate (>1%)
Lane_sch01	Lane_sch01A	Pleasant Hill SD 1	Pleasant Hill High School	Moderate	1962	1962	1960	80,180	387	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	RM1	(0.1)			RM1	(0.1)	Very High (100%)
Lane_sch01	Lane_sch01B	Pleasant Hill SD 1	Pleasant Hill High School	Moderate	1962	1962	1960	80,180	387	Medium-yes	Low-minor	RVS2006	D	W2	0.6	RM1	0.4			RM1	0.4	High (>10%)
Lane_sch01	Lane_sch01C	Pleasant Hill SD 1	Pleasant Hill High School	Moderate	1962		1980	80,180	387			RVS2006	D	W1	6.2					W1	6.2	Low (<1%)
Lane_sch01	Lane_sch01D	Pleasant Hill SD 1	Pleasant Hill High School	Moderate	1962		1960	80,180	387		Medium-yes	RVS2006	D	RM1	1.9	W2	3.1			RM1	1.9	Moderate (>1%)
Lane_sch01	Lane_sch01E	Pleasant Hill SD 1	Pleasant Hill High School	Moderate	1962		1960		387	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	RM1	(0.1)			RM1	(0.1)	Very High (100%)
Lane_sch89	Lane_sch89A	Pleasant Hill SD 1	Pleasant Hill Middle School	Moderate	1930		1950	43,451	305		Medium-yes	RVS2006	D	W1	4.1					W1	4.1	Low (<1%)
Lane_sch89	Lane_sch89B	Pleasant Hill SD 1	Pleasant Hill Middle School	Moderate	1930		1990	43,451	305	Medium-yes	Medium-yes	RVS2006	D	PC1	1.7					PC1	1.7	Moderate (>1%)
Lane_sch89	Lane_sch89C	Pleasant Hill SD 1	Pleasant Hill Middle School	Moderate	1930		1970	43,451	305	Medium-yes		RVS2006	D	W2	0.6					W2	0.6	High (>10%)
Lane_sch89	Lane_sch89D	Pleasant Hill SD 1	Pleasant Hill Middle School	Moderate	1930		1990	43,451	305	Medium-yes	Medium-yes	RVS2006	D	W2	1.7					W2	1.7	Moderate (>1%)
Lane_sch89	Lane_sch89E	Pleasant Hill SD 1	Pleasant Hill Middle School	Moderate	1930		1980	43,451	305	Medium-yes		RVS2006	D	W2	2.2					W2	2.2	Low (<1%)
Lane_sch89	Lane_sch89F	Pleasant Hill SD 1	Pleasant Hill Middle School	Moderate	1930		1940	43,451	305		Low-minor	RVS2006	D	W2	3.4	RM1	2.0			RM1	2.0	Moderate (>1%)
Lane_sch89	Lane_sch89G	Pleasant Hill SD 1	Pleasant Hill Middle School	Moderate	1930		1970	43,451	305	Medium-yes	Low-minor	RVS2006	D	RM1	0.4	W2	0.6			RM1	0.4	High (>10%)
Lane_sch89	Lane_sch89H	Pleasant Hill SD 1	Pleasant Hill Middle School	Moderate	1930		1940	43,451	305	Low-minor	Medium-yes	RVS2006	D	W2	2.9					W2	2.9	Low (<1%)
Lane_sch89	Lane_sch89I	Pleasant Hill SD 1	Pleasant Hill Middle School	Moderate	1930		1940	43,451	305	Low-minor	Medium-yes	RVS2006	D	W2	2.9					W2	2.9	Low (<1%)
Lane_sch88	Lane_sch88A	Pleasant Hill SD 1	Trent Elementary School	Moderate	1929		1960	31,212	261			RVS2006	C	W2	4.0	RM1	2.8			RM1	2.8	Low (<1%)
Lane_sch88	Lane_sch88B	Pleasant Hill SD 1	Trent Elementary School	Moderate	1929		1960	31,212	261	Medium-yes		RVS2006	C	RM1	0.8					RM1	0.8	High (>10%)
Lane_sch88	Lane_sch88C	Pleasant Hill SD 1	Trent Elementary School	Moderate	1929		1960	31,212	261		Medium-yes	RVS2006	C	W2	3.5	RM1	2.3			RM1	2.3	Low (<1%)
Lane_sch88	Lane_sch88D	Pleasant Hill SD 1	Trent Elementary School	Moderate	1929		1990	31,212	261			RVS2006	C	W1	6.6					W1	6.6	Low (<1%)
Lane_sch88	Lane_sch88E	Pleasant Hill SD 1	Trent Elementary School	Moderate	1929		1970	31,212	261			RVS2006	C	W1	5.0					W1	5.0	Low (<1%)
Curr_sch07	Curr_sch07A	Port Orford-Langlois SI	Blanco School	Very High	1939		1930	27,044	105	Medium-yes	Medium-yes	RVS2006	C	W2	(0.1)					W2	(0.1)	Very High (100%)
Curr_sch06	Curr_sch06A	Port Orford-Langlois SI	Driftwood Elementary School	Very High	1940		1950	20,928	108	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	W2	0.5			W2	0.5	High (>10%)
Curr_sch06	Curr_sch06B	Port Orford-Langlois SI	Driftwood Elementary School	Very High	1940		1960	20,928	108			RVS2006	D	S3	2.6					S3	2.6	Low (<1%)
Curr_sch09	Curr_sch09A	Port Orford-Langlois SI	Pacific High School	Very High	1958		1950	43,500	126	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Mult_sch69	Mult_sch69A	Portland SD 1J	Abernethy Elementary School	High	1924			50,358	366			RETROFITTED	C	C2	(0.1)					C2	(0.1)	Moderate (>1%)
Mult_sch70	Mult_sch70A	Portland SD 1J	Ainsworth Elementary School	High	1912			57,593	491			RETROFITTED	B	URM	0.1					URM	0.1	Moderate (>1%)
Mult_sch01	Mult_sch01A	Portland SD 1J	Alameda Elementary School	High	1921			64,957	669			SER	C	W2	(0.1)					W2	(0.1)	Very High (100%)
Mult_sch02	Mult_sch02A	Portland SD 1J	Arleta Elementary School	High	1929			76,489	313			SER	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Mult_sch03	Mult_sch03A	Portland SD 1J	Astor Elementary School	High	1949			47,360	279			RETROFITTED	D	W2	0.5					W2	0.5	Moderate (>1%)
Mult_sch04	Mult_sch04A	Portland SD 1J	Atkinson Elementary School	High	1953			58,057	558			RETROFITTED	D	W2	0.5					W2	0.5	Moderate (>1%)
Mult_sch05	Mult_sch05A	Portland SD 1J	Ball Elementary School	High	1948			22,797	271			RETROFITTED	C	W2	0.9					W2	0.9	Moderate (>1%)
Mult_sch06	Mult_sch06A	Portland SD 1J	Beach Elementary School	High	1928			70,404	414			SER	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Mult_sch07	Mult_sch07A	Portland SD 1J	Beaumont Middle School	High	1926			94,431	536			SER	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Mult_sch63	Mult_sch63A	Portland SD 1J	Benson Polytechnic High School	High	1916			441,219	1,452			RETROFITTED	D	URM	(0.5)					URM	(0.5)	Moderate (>1%)
Mult_sch08	Mult_sch08A	Portland SD 1J	Binnsmead Middle School	High	1949			109,059	680			SER	D	W2	0.5					W2	0.5	High (>10%)
Mult_sch09	Mult_sch09A	Portland SD 1J	Boise/Eliot Elementary School	High	1926			61,379	461			SER	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Mult_sch10	Mult_sch10A	Portland SD 1J	Bridger Elementary School	High	1951			45,142	388			RETROFITTED	D	W2	0.5					W2	0.5	Moderate (>1%)

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Mult_sch21	Mult_sch21A	Portland SD 1J	Bridlemile Elementary School	High	1958			59,037	459			RETROFITTED	C	W2	0.9					W2	0.9	Moderate (>1%)
Mult_sch32	Mult_sch32A	Portland SD 1J	Buckman Elementary School	High	1918			82,023	537			RETROFITTED	C	URM	(0.3)					URM	(0.3)	Moderate (>1%)
Mult_sch43	Mult_sch43A	Portland SD 1J	Capitol Hill Elementary School	High	1917			46,379	335			RETROFITTED	C	W2	(0.1)					W2	(0.1)	Moderate (>1%)
Mult_sch54	Mult_sch54A	Portland SD 1J	Chapman Elementary School	High	1923			62,962	453			RETROFITTED	C	C2	(0.1)					C2	(0.1)	Moderate (>1%)
Mult_sch65	Mult_sch65A	Portland SD 1J	Chief Joseph Elementary School	High	1949			46,204	393			SER	C	W2	0.9					W2	0.9	High (>10%)
Mult_sch55	Mult_sch55A	Portland SD 1J	Stephenson Elementary School	High	1965			42,958	325			RETROFITTED	C	W2	0.9					W2	0.9	Moderate (>1%)
Mult_sch72	Mult_sch72A	Portland SD 1J	Clark Elementary School	High	1955			50,595	500			RETROFITTED	C	URM	(0.1)					URM	(0.1)	Moderate (>1%)
Mult_sch118	Mult_sch118A	Portland SD 1J	Cleveland High School	High	1928			252,885	1,447			RETROFITTED	C	C2	(0.1)					C2	(0.1)	Moderate (>1%)
Mult_sch73	Mult_sch73A	Portland SD 1J	Creston Elementary School	High	1948			80,940	290			RETROFITTED	C	W2	0.9					W2	0.9	Moderate (>1%)
Mult_sch57	Mult_sch57A	Portland SD 1J	Da Vinci Middle School	High	1928		1920		380	Medium-yes	Medium-yes	RVS2006	D	C2	(0.3)					C2	(0.3)	Very High (100%)
Mult_sch108	Mult_sch108A	Portland SD 1J	Sunnyside Environmental School	High	1925			67,492	443			SER	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Mult_sch75	Mult_sch75A	Portland SD 1J	Faubion Elementary School	High	1950			57,846	309			SER	C	W2	0.9					W2	0.9	High (>10%)
Mult_sch76	Mult_sch76A	Portland SD 1J	Fernwood Middle School	High	1911			74,963	466			RETROFITTED	D	URM	(0.5)					URM	(0.5)	Moderate (>1%)
Mult_sch38	Mult_sch38A	Portland SD 1J	Forest Park Elementary School	High	1998			42,723	517			NEW	C		-							Low (<1%)
Mult_sch119	Mult_sch119A	Portland SD 1J	Franklin High School	High	1915			294,878	1,404			RETROFITTED	C	URM	(0.3)					URM	(0.3)	Moderate (>1%)
Mult_sch77	Mult_sch77A	Portland SD 1J	George Middle School	High	1950			78,713	403			SER	C	W2	0.9					W2	0.9	High (>10%)
Mult_sch78	Mult_sch78A	Portland SD 1J	Glencoe Elementary School	High	1923			64,378	510			RETROFITTED	D	C2	(0.3)					C2	(0.3)	Moderate (>1%)
Mult_sch120	Mult_sch120A	Portland SD 1J	Grant High School	High	1923			275,173	1,816			RETROFITTED	C	URM	(0.3)					URM	(0.3)	Moderate (>1%)
Mult_sch79	Mult_sch79A	Portland SD 1J	Gray Middle School	High	1951			60,624	496			SER	C	W2	0.9					W2	0.9	High (>10%)
Mult_sch80	Mult_sch80A	Portland SD 1J	Gregory Heights Middle School	High	1923			95,438	691			SER	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Mult_sch81	Mult_sch81A	Portland SD 1J	Grout Elementary School	High	1927			65,838	310			RETROFITTED	C	C2	(0.1)					C2	(0.1)	Moderate (>1%)
Mult_sch56	Mult_sch56A	Portland SD 1J	Hayhurst Elementary School	High	1954			56,266	358			RETROFITTED	C	W2	0.9					W2	0.9	Moderate (>1%)
Mult_sch39	Mult_sch39A	Portland SD 1J	Head Start Sacajawea	High	1952		1960		625	Medium-yes	Medium-yes	RVS2006	C	W2	0.9	RM1	0.9			W2	0.9	High (>10%)
Mult_sch82	Mult_sch82A	Portland SD 1J	Hollyrood Elementary School	High	1958			15,701	215			SER	C	W2	0.9					W2	0.9	High (>10%)
Mult_sch123	Mult_sch123A	Portland SD 1J	Metropolitan Learning Center	High	1914			77,050	447			RETROFITTED	C	C2	(0.1)					C2	(0.1)	Moderate (>1%)
Mult_sch84	Mult_sch84A	Portland SD 1J	Humboldt Elementary School	High	1959			46,865	270			RETROFITTED	C	W2	0.9					W2	0.9	Moderate (>1%)
Mult_sch85	Mult_sch85A	Portland SD 1J	Irvington Elementary School	High	1932			65,285	445			RETROFITTED	C	C2	(0.1)					C2	(0.1)	Moderate (>1%)
Mult_sch30	Mult_sch30A	Portland SD 1J	Jackson Middle School	High	1966			247,779	694			SER	C	C1	0.1					C1	0.1	High (>10%)
Mult_sch86	Mult_sch86A	Portland SD 1J	James John Elementary School	High	1929			63,697	458			SER	D	URM	(0.5)					URM	(0.5)	Very High (100%)
Mult_sch87	Mult_sch87A	Portland SD 1J	Kellogg Middle School	High	1913			94,592	481			RETROFITTED	C	C2	(0.1)					C2	(0.1)	Moderate (>1%)
Mult_sch88	Mult_sch88A	Portland SD 1J	Kelly Elementary School	High	1952			97,546	484			RETROFITTED	C	W2	0.9					W2	0.9	Moderate (>1%)
Mult_sch89	Mult_sch89A	Portland SD 1J	King Elementary School	High	1925			88,957	491			RETROFITTED	C	C2	(0.1)					C2	(0.1)	Moderate (>1%)
Mult_sch28	Mult_sch28A	Portland SD 1J	Lane Middle School	High	1927			87,438	553			RETROFITTED	C	C2	(0.1)					C2	(0.1)	Moderate (>1%)
Mult_sch90	Mult_sch90A	Portland SD 1J	Laurelhurst Elementary School	High	1923			46,204	581			SER	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Mult_sch91	Mult_sch91A	Portland SD 1J	Lee Elementary School	High	1953			73,701	309			SER	C	W2	0.9					W2	0.9	High (>10%)
Mult_sch92	Mult_sch92A	Portland SD 1J	Lent Elementary School	High	1949			76,478	366			SER	C	W2	0.9					W2	0.9	High (>10%)
Mult_sch93	Mult_sch93A	Portland SD 1J	Lewis Elementary School	High	1952			48,380	301			SER	C	W2	0.9					W2	0.9	High (>10%)
Mult_sch121	Mult_sch121A	Portland SD 1J	Lincoln High School	High	1951			233,293	1,484			RETROFITTED	D	C2	0.7					C2	0.7	Moderate (>1%)
Mult_sch94	Mult_sch94A	Portland SD 1J	Llewellyn Elementary School	High	1928			50,651	301			SER	D	C2	(0.3)					C2	(0.3)	Very High (100%)
Mult_sch122	Mult_sch122A	Portland SD 1J	Madison High School	High	1955			370,122	981			RETROFITTED	C	C2	0.9					C2	0.9	Moderate (>1%)
Mult_sch95	Mult_sch95A	Portland SD 1J	Maplewood Elementary School	High	1948			37,191	315			RETROFITTED	B	W2	1.3					W2	1.3	Moderate (>1%)
Mult_sch31	Mult_sch31A	Portland SD 1J	Markham Elementary School	High	1950	1950	1950	86,362	396			RETROFITTED	C	W2	0.9	PC1	2.2			W2	0.9	Moderate (>1%)
Mult_sch96	Mult_sch96A	Portland SD 1J	Marysville Elementary School	High	1921			53,490	336			RETROFITTED	C	W2	(0.1)					W2	(0.1)	Moderate (>1%)
Mult_sch83	Mult_sch83A	Portland SD 1J	Hossford Middle School	High	1925			77,050	447			RETROFITTED	C	C2	(0.1)					C2	(0.1)	Moderate (>1%)
Mult_sch97	Mult_sch97A	Portland SD 1J	Mt Tabor Middle School	High	1952			85,800	676			RETROFITTED	C	W2	0.9					W2	0.9	Moderate (>1%)
Mult_sch98	Mult_sch98A	Portland SD 1J	Ockley Green Middle School	High	1925			71,937	318			RETROFITTED	C	C2	(0.1)					C2	(0.1)	Moderate (>1%)
Mult_sch45	Mult_sch45A	Portland SD 1J	Pauling Academy of Integrated S	High	1961	1961	1960		277	Medium-yes	Medium-yes	RETROFITTED	C	C2	0.9	C1	0.1			C1	0.1	Moderate (>1%)
Mult_sch48	Mult_sch48A	Portland SD 1J	Peninsula Elementary School	High	1952			70,151	254			SER	C	W2	0.9					W2	0.9	High (>10%)
Mult_sch163	Mult_sch163A	Portland SD 1J	Pioneer Special Education Progra	High			1950			Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	W2	0.5			W2	0.5	Moderate (>1%)
Mult_sch164	Mult_sch164A	Portland SD 1J	Pioneer Special Education Progra	High			1970					RVS2006	D	PC1	2.0	C2	2.2			PC1	2.0	Moderate (>1%)
Mult_sch164	Mult_sch164B	Portland SD 1J	Pioneer Special Education Progra	High			1960			Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Mult_sch99	Mult_sch99A	Portland SD 1J	Portsmouth Middle School	High	1928			75,814	428			SER	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Mult_sch51	Mult_sch51A	Portland SD 1J	Pursuit of Wellness Education at	High	1921			267,570	284			SER	D	URM	(0.5)					URM	(0.5)	Very High (100%)
Mult_sch100	Mult_sch100A	Portland SD 1J	Richmond Elementary School	High	1908			77,070	309			RETROFITTED	C	W2	(0.1)					W2	(0.1)	Moderate (>1%)
Mult_sch33	Mult_sch33A	Portland SD 1J	Rieke Elementary School	High	1961			30,647	267			RETROFITTED	C	W2	0.9					W2	0.9	Moderate (>1%)
Mult_sch101	Mult_sch101A	Portland SD 1J	Rigler Elementary School	High	1931			59,760	442			RETROFITTED	C	C2	(0.1)					C2	(0.1)	Moderate (>1%)
Mult_sch52	Mult_sch52A	Portland SD 1J	Roosevelt High - SEIS	High	1921			267,570	92			RETROFITTED	D	URM	(0.5)					URM	(0.5)	Moderate (>1%)
Mult_sch102	Mult_sch102A	Portland SD 1J	Rose City Park Elementary Schoo	High	1921			87,311	429			RETROFITTED	C	URM	(0.3)					URM	(0.3)	Moderate (>1%)
Mult_sch103	Mult_sch103A	Portland SD 1J	Sabin Elementary School	High	1928			72,349	422			SER	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Mult_sch53	Mult_sch53A	Portland SD 1J	School of Pride	High	1909			360,911	299			RETROFITTED	C	URM	(0.3)					URM	(0.3)	Moderate (>1%)
Mult_sch104	Mult_sch104A	Portland SD 1J	Scott Elementary School	High	1949			62,681	369			SER	C	W2	0.9					W2	0.9	High (>10%)
Mult_sch105	Mult_sch105A	Portland SD 1J	Sellwood Middle School	High	1914			86,823	564			RETROFITTED	C	C2	(0.1)					C2	(0.1)	Moderate (>1%)
Mult_sch106	Mult_sch106A	Portland SD 1J	Sitton Elementary School	High	1949			58,762	300			RETROFITTED	C	W2	0.9					W2	0.9	Moderate (>1%)
Mult_sch158	Mult_sch158A	Portland SD 1J	Skyline Elementary School	High	1939			37,245	201			SER	C	W2	(0.1)					W2	(0.1)	Very High (100%)
Mult_sch50	Mult_sch50A	Portland SD 1J	Spanish-English International Sch	High	1921			267,570	212			SER	D	URM	(0.5)					URM	(0.5)	Very High (100%)
Mult_sch71	Mult_sch71A	Portland SD 1J	Clarendon Elementary School	High	1970			42,958	325			SER	C	W2	0.9					W2	0.9	High (>10%)
Mult_sch74	Mult_sch74A	Portland SD 1J	Dunniway Elementary School	High	1926			67,492	443			RETROFITTED	C	C2	(0.1)					C2	(0.1)	Moderate (>1%)
Mult_sch157	Mult_sch157A	Portland SD 1J	Trillium	High			1980		223		Medium-yes	RVS2006	C	PC1	1.7					PC1	1.7	Moderate (>1%)
Mult_sch109	Mult_sch109A	Portland SD 1J	Tubman Middle School	High	1954			94,775	270			SER	C	C2	0.9					C2	0.9	High (>10%)
Mult_sch110	Mult_sch110A	Portland SD 1J	Vernon Elementary School	High	1931			72,323	384			RETROFITTED	C	C2	(0.1)					C2	(0.1)	Moderate (>1%)
Mult_sch111	Mult_sch111A	Portland SD 1J	Vestal Elementary School	High	1929			66,388	294			RETROFITTED	C	C2	(0.1)					C2	(0.1)	Moderate (>1%)
Wash_sch117	Wash_sch117A	Portland SD 1J	West Sylvan Middle School	High	1954			102,209	878			SER	C	W2	0.9					W2	0.9	High (>10%)
Mult_sch114	Mult_sch114A	Portland SD 1J	Whitman Elementary School	High	1954			69,755	404			SER	C	W2	0.9					W2	0.9	High (>10%)
Mult_sch64	Mult_sch64A	Portland SD 1J	Wilson High School	High	1954			326,062	1,632			SER	C	C2	0.9					C2	0.9	High (>10%)
Mult_sch49	Mult_sch49A	Portland SD 1J	Winterhaven School	High	1930			38,092	339			RETROFITTED	B	C2	0.3					C2	0.3	Moderate (>1%)

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Mult_sch115	Mult_sch115A	Portland SD 1J	Woodlawn Elementary School	High	1926			61,595	529			RETROFITTED	C	C2	(0.1)					C2	(0.1)	Moderate (>1%)
Mult_sch116	Mult_sch116A	Portland SD 1J	Woodmere Elementary School	High	1954			55,324	449			SER	C	W2	0.9					W2	0.9	High (>10%)
Mult_sch117	Mult_sch117A	Portland SD 1J	Woodstock Elementary School	High	1910			69,135	337			RETROFITTED	C	W2	(0.1)					W2	(0.1)	Moderate (>1%)
Coos_sch26	Coos_sch26A	Powers SD 31	Powers Elementary School	Very High	1930		1930	8,635	72		Medium-yes	RVS2006	C	W1	3.9					W1	3.9	Low (<1%)
Coos_sch26	Coos_sch26B	Powers SD 31	Powers Elementary School	Very High	1930		1960	8,635	72			RVS2006	C	S3	2.8					S3	2.8	Low (<1%)
Coos_sch25	Coos_sch25A	Powers SD 31	Powers High School	Very High	1956		1950	18,600	78	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Coos_sch25	Coos_sch25B	Powers SD 31	Powers High School	Very High	1956		1950	18,600	78		Medium-yes	RVS2006	C	W1	3.9					W1	3.9	Low (<1%)
Coos_sch25	Coos_sch25C	Powers SD 31	Powers High School	Very High	1956		1990	18,600	78		Medium-yes	RVS2006	C	S3	2.3					S3	2.3	Low (<1%)
Gran_sch02	Gran_sch02A	Prairie City SD 4	Prairie City School	Moderate	1929		1920	13,356	157	Medium-yes	Medium-yes	RVS2006	D	URM	0.2					URM	0.2	High (>10%)
Gran_sch02	Gran_sch02B	Prairie City SD 4	Prairie City School	Moderate	1929		1940	13,356	157	Medium-yes	Medium-yes	RVS2006	D	W2	(0.1)					W2	(0.1)	Very High (100%)
Gran_sch02	Gran_sch02C	Prairie City SD 4	Prairie City School	Moderate	1929		1930	13,356	157		Medium-yes	RVS2006	D	W2	2.9					W2	2.9	Low (<1%)
Gran_sch02	Gran_sch02D	Prairie City SD 4	Prairie City School	Moderate	1929		1960	13,356	157	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	RM1	(0.1)			RM1	(0.1)	Very High (100%)
Gran_sch02	Gran_sch02E	Prairie City SD 4	Prairie City School	Moderate	1929		1970	13,356	157	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Gran_sch02	Gran_sch02F	Prairie City SD 4	Prairie City School	Moderate	1929		1980	13,356	157	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Gran_sch02	Gran_sch02G	Prairie City SD 4	Prairie City School	Moderate	1929		1980	13,356	157		Medium-yes	RVS2006	D	S3	2.3					S3	2.3	Low (<1%)
Jack_sch49	Jack_sch49A	Prospect SD 59	Prospect School	Moderate	1980		1980	33,513	187		Medium-yes	RVS2006	C	W2	5.1					W2	5.1	Low (<1%)
Jack_sch49	Jack_sch49B	Prospect SD 59	Prospect School	Moderate	1980		1980	33,513	187			RVS2006	C	W2	5.6					W2	5.6	Low (<1%)
Jack_sch49	Jack_sch49C	Prospect SD 59	Prospect School	Moderate	1980		1980	33,513	187	Medium-yes	Medium-yes	RVS2006	C	W2	2.1					W2	2.1	Low (<1%)
Jack_sch49	Jack_sch49D	Prospect SD 59	Prospect School	Moderate	1980		1970	33,513	187	Medium-yes	Medium-yes	RVS2006	C	W2	0.5					W2	0.5	High (>10%)
Colu_sch04	Colu_sch04A	Rainier SD 13	Hudson Park Elementary School	High	1978	1978	1970	35,992	598	Medium-yes	Medium-yes	RVS2006	D	C2	0.7					C2	0.7	High (>10%)
Colu_sch04	Colu_sch04B	Rainier SD 13	Hudson Park Elementary School	High	1978		1970	35,992	598			RVS2006	D	C2	2.2					C2	2.2	Low (<1%)
Colu_sch04	Colu_sch04C	Rainier SD 13	Hudson Park Elementary School	High	1978	1978	1970	35,992	598	Medium-yes	Medium-yes	RVS2006	D	C2	0.7					C2	0.7	High (>10%)
Colu_sch10	Colu_sch10A	Rainier SD 13	Rainier Jr/Sr High School	High	1976		1970	136,887	589	Medium-yes	Medium-yes	RVS2006	D	C2	0.7					C2	0.7	High (>10%)
Colu_sch10	Colu_sch10B	Rainier SD 13	Rainier Jr/Sr High School	High	1976		1970	136,887	589		Medium-yes	RVS2006	D	C2	1.7					C2	1.7	Moderate (>1%)
Desc_sch37	Desc_sch37A	Redmond SD 2J	Deschutes Edge Charter School	Moderate					210			*MISSED*	B	-								High (>10%)
Desc_sch07	Desc_sch07A	Redmond SD 2J	Evergreen Elementary School	Moderate	1921	1921	1920	64,340	593	Medium-yes	Medium-yes	RVS2006	C	URM	0.6					URM	0.6	High (>10%)
Desc_sch07	Desc_sch07B	Redmond SD 2J	Evergreen Elementary School	Moderate	1921		1950	64,340	593	Medium-yes		RVS2006	C	C2	0.8	RM1	0.8			C2	0.8	High (>10%)
Desc_sch07	Desc_sch07C	Redmond SD 2J	Evergreen Elementary School	Moderate	1921		1950	64,340	593	Medium-yes		RVS2006	C	C2	0.8	RM1	0.8			C2	0.8	High (>10%)
Desc_sch07	Desc_sch07D	Redmond SD 2J	Evergreen Elementary School	Moderate	1921		1960	64,340	593	Low-minor	Medium-yes	RVS2006	C	RM1	2.3					RM1	2.3	Low (<1%)
Desc_sch30	Desc_sch30A	Redmond SD 2J	Hugh Hartman Middle School	Moderate	1995			80,000	470			NEW	B	-								Low (<1%)
Desc_sch08	Desc_sch08A	Redmond SD 2J	John Tuck Elementary School	Moderate	1947		1940	50,425	502	Medium-yes	Medium-yes	RVS2006	B	C2	1.1					C2	1.1	Moderate (>1%)
Desc_sch08	Desc_sch08B	Redmond SD 2J	John Tuck Elementary School	Moderate	1947		1950	50,425	502	Medium-yes		RVS2006	B	C2	1.6	RM1	1.6			C2	1.6	Moderate (>1%)
Desc_sch08	Desc_sch08C	Redmond SD 2J	John Tuck Elementary School	Moderate	1947		1950	50,425	502	Medium-yes	Medium-yes	RVS2006	B	C2	1.1					C2	1.1	Moderate (>1%)
Desc_sch08	Desc_sch08D	Redmond SD 2J	John Tuck Elementary School	Moderate	1947		1980	50,425	502			RVS2006	B	RM1	3.6					RM1	3.6	Low (<1%)
Desc_sch08	Desc_sch08E	Redmond SD 2J	John Tuck Elementary School	Moderate	1947		1990	50,425	502	Medium-yes	Medium-yes	RVS2006	B	W2	2.9	RM1	1.1			RM1	1.1	Moderate (>1%)
Desc_sch09	Desc_sch09A	Redmond SD 2J	M A Lynch Elementary School	Moderate	1965	1965	1960	42,736	571	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1					RM1	1.1	Moderate (>1%)
Desc_sch09	Desc_sch09B	Redmond SD 2J	M A Lynch Elementary School	Moderate	1965		1980	42,736	571	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1					RM1	1.1	Moderate (>1%)
Desc_sch12	Desc_sch12A	Redmond SD 2J	Obsidian Middle School	Moderate	1980	1980	1980	106,239	731	Medium-yes	Medium-yes	RVS2006	C	S2	0.3	RM1	0.3			S2	0.3	High (>10%)
Desc_sch13	Desc_sch13A	Redmond SD 2J	Redmond High School	Moderate	1992		1970	207,480	1,802	Medium-yes	Medium-yes	RVS2006	B	C2	1.1					C2	1.1	Moderate (>1%)
Desc_sch13	Desc_sch13B	Redmond SD 2J	Redmond High School	Moderate	1992		1970	207,480	1,802		Medium-yes	RVS2006	B	RM1	3.1					RM1	3.1	Low (<1%)
Desc_sch13	Desc_sch13C	Redmond SD 2J	Redmond High School	Moderate	1992		1980	207,480	1,802	Medium-yes	Low-minor	RVS2006	B	RM1	1.6					RM1	1.6	Moderate (>1%)
Desc_sch13	Desc_sch13D	Redmond SD 2J	Redmond High School	Moderate	1992	1992	1990	207,480	1,802	Medium-yes	Low-minor	RVS2006	B	RM1	1.6					RM1	1.6	Moderate (>1%)
Desc_sch10	Desc_sch10A	Redmond SD 2J	Terrebonne Community School	Moderate	1940		1970	34,880	517	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Desc_sch10	Desc_sch10B	Redmond SD 2J	Terrebonne Community School	Moderate	1940		1980	34,880	517	Medium-yes	Medium-yes	RVS2006	C	W2	2.1					W2	2.1	Low (<1%)
Desc_sch11	Desc_sch11A	Redmond SD 2J	Tumalo Elementary School	Moderate	1918		1910	37,900	430	Medium-yes		RVS2006	C	URM	1.1	W1	1.5			URM	1.1	Moderate (>1%)
Desc_sch11	Desc_sch11B	Redmond SD 2J	Tumalo Elementary School	Moderate	1918		1930	37,900	430	Medium-yes		RVS2006	C	C2	0.4	URM	1.1	RM1	0.4	C2	0.4	High (>10%)
Desc_sch11	Desc_sch11C	Redmond SD 2J	Tumalo Elementary School	Moderate	1918		1950	37,900	430	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3	W2	0.5			RM1	0.3	High (>10%)
Desc_sch11	Desc_sch11D	Redmond SD 2J	Tumalo Elementary School	Moderate	1918		1950	37,900	430	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Desc_sch11	Desc_sch11E	Redmond SD 2J	Tumalo Elementary School	Moderate	1918		1960	37,900	430	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3	W2	0.5			RM1	0.3	High (>10%)
Desc_sch11	Desc_sch11F	Redmond SD 2J	Tumalo Elementary School	Moderate	1918		1970	37,900	430		Medium-yes	RVS2006	C	W1	4.5	RM1	2.3			RM1	2.3	Low (<1%)
Desc_sch11	Desc_sch11G	Redmond SD 2J	Tumalo Elementary School	Moderate	1918		1970	37,900	430	Medium-yes	Medium-yes	RVS2006	C	W2	0.5	RM1	0.3			RM1	0.3	High (>10%)
Desc_sch22	Desc_sch22A	Redmond SD 2J	Vern Patrick Elementary School	Moderate	1995			55,000	606			NEW	C	-								Low (<1%)
Doug_sch24	Doug_sch24A	Reedsport SD 105	Highland Elementary School	Very High	1955	1955	1950	64,000	356	Medium-yes	Medium-yes	RVS2006	D	C2	0.7	RM1	0.7	S3	2.1	C2	0.7	High (>10%)
Doug_sch33	Doug_sch33A	Reedsport SD 105	Reedsport Junior/High School	Very High	1948		1940	120,717	420	Medium-yes	Medium-yes	RVS2006	D	C2	0.7	RM1	0.7			C2	0.7	High (>10%)
Doug_sch33	Doug_sch33B	Reedsport SD 105	Reedsport Junior/High School	Very High	1948		1960	120,717	420	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	S3	2.1			RM1	0.7	High (>10%)
Doug_sch33	Doug_sch33C	Reedsport SD 105	Reedsport Junior/High School	Very High	1948		1960	120,717	420	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Doug_sch33	Doug_sch33D	Reedsport SD 105	Reedsport Junior/High School	Very High	1948		1970	120,717	420	Low-minor		RVS2006	D	RM1	2.2					RM1	2.2	Low (<1%)
Doug_sch33	Doug_sch33E	Reedsport SD 105	Reedsport Junior/High School	Very High	1948		1970	120,717	420	Medium-yes		RVS2006	D	RM1	1.2					RM1	1.2	Moderate (>1%)
Mult_sch138	Mult_sch138A	Reynolds SD 7	Alder Elementary School	High	1965		1960	54,600	517	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	PC1	1.7	RM1	0.9	C2	0.9	High (>10%)
Mult_sch138	Mult_sch138B	Reynolds SD 7	Alder Elementary School	High	1965		1960	54,600	517			RVS2006	C	C2	2.4	PC1	2.2			PC1	2.2	Low (<1%)
Mult_sch138	Mult_sch138C	Reynolds SD 7	Alder Elementary School	High	1965		1990	54,600	517	Low-minor	Medium-yes	RVS2006	C	RM1	1.9					RM1	1.9	Moderate (>1%)
Mult_sch143	Mult_sch143A	Reynolds SD 7	Davis Elementary School	High	1959		1960	44,700	477	Medium-yes	Medium-yes	RVS2006	B	C2	1.3	PC1	2.1	S2	1.0	S2	1.0	High (>10%)
Mult_sch143	Mult_sch143B	Reynolds SD 7	Davis Elementary School	High	1959		1960	44,700	472	Medium-yes	Medium-yes	RVS2006	B	C2	1.3					C2	1.3	Moderate (>1%)
Mult_sch143	Mult_sch143C	Reynolds SD 7	Davis Elementary School	High	1959		1990	44,700	477	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Mult_sch139	Mult_sch139A	Reynolds SD 7	Fairview Elementary School	High	1925	1925	1920	63,050	429	Medium-yes	Medium-yes	RVS2006	C	URM	(0.3)	W2	(0.1)	C2	(0.1)	URM	(0.3)	Very High (100%)
Mult_sch139	Mult_sch139B	Reynolds SD 7	Fairview Elementary School	High	1925		1940	63,050	429	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Mult_sch139	Mult_sch139C	Reynolds SD 7	Fairview Elementary School	High	1925		1940	63,050	429	Medium-yes	Low-minor	RVS2006	C	W2	0.4	S5	0.4			S5	0.4	High (>10%)
Mult_sch139	Mult_sch139D	Reynolds SD 7	Fairview Elementary School	High	1925		1940	63,050	429	Medium-yes	Low-minor	RVS2006	C	C2	0.4					C2	0.4	High (>10%)
Mult_sch140	Mult_sch140A	Reynolds SD 7	Glenfair Elementary School	High	1954		1950	55,350	525	Medium-yes	Medium-yes	RVS2006	C	W2	0.9	C2	0.9			W2	0.9	High (>10%)
Mult_sch141	Mult_sch141A	Reynolds SD 7	Hartley Elementary School	High	1963		1960	39,650	401	Medium-yes	Medium-yes	RVS2006	C	PC1	1.7	C2	0.9	W2	0.9	C2	0.9	High (>10%)
Mult_sch141	Mult_sch141B	Reynolds SD 7	Hartley Elementary School	High	1963		1990	39,650	401	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Mult_sch141	Mult_sch141C	Reynolds SD 7	Hartley Elementary School	High	1963		1990	39,650	401	Medium-yes	Medium-yes	RVS2006	C	S2	0.6					S2	0.6	High (>10%)
Mult_sch147	Mult_sch147A	Reynolds SD 7	Hauton B Lee Middle School	High	1966	1966	1960	94,525	825	Medium-yes	Medium-yes	RVS2006	C	PC1	1.7					PC1	1.7	Moderate (>1%)
Mult_sch147	Mult_sch147B	Reynolds SD 7	Hauton B Lee Middle School	High	1966		1960	94,525	825	Medium-yes	Medium-yes	RVS2006	C	PC1	1.7					PC1	1.7	Moderate (>1%)
Mult_sch147	Mult_sch147C	Reynolds SD 7	Hauton B Lee Middle School	High	1966		1980	94,525	825	Medium-yes	Medium-yes	RVS2006	C	W2	3.3	S2	0.6			S2	0.6	High (>10%)

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Mult_sch147	Mult_sch147D	Reynolds SD 7	Hauton B Lee Middle School	High	1966		1980	94,525	825	Medium-yes		RVS2006	C	RM1	1.4					RM1	1.4	Moderate (>1%)
Mult_sch142	Mult_sch142A	Reynolds SD 7	Margaret Scott Elementary Schoo	High	1961		1960	34,170	346		Low-minor	RVS2006	C	RM1	2.4	W2	3.4			RM1	2.4	Low (<1%)
Mult_sch142	Mult_sch142B	Reynolds SD 7	Margaret Scott Elementary Schoo	High	1961		1990	34,170	346	Low-minor	Medium-yes	RVS2006	C	RM1	1.9					RM1	1.9	Moderate (>1%)
Mult_sch148	Mult_sch148A	Reynolds SD 7	Reynolds High School	High	1978	1978	1970	246,693	2,710	Medium-yes	Medium-yes	RVS2006	B	C2	1.3					C2	1.3	Moderate (>1%)
Mult_sch148	Mult_sch148B	Reynolds SD 7	Reynolds High School	High	1978		1970	246,693	2,710	Medium-yes	Medium-yes	RVS2006	B	C2	1.3					C2	1.3	Moderate (>1%)
Mult_sch148	Mult_sch148C	Reynolds SD 7	Reynolds High School	High	1978		1970	246,693	2,710			RVS2006	B	C2	2.8	RM1	2.8			C2	2.8	Low (<1%)
Mult_sch148	Mult_sch148D	Reynolds SD 7	Reynolds High School	High	1978		1970	246,693	2,710		Medium-yes	RVS2006	B	C2	2.3	RM1	2.3			C2	2.3	Low (<1%)
Mult_sch161	Mult_sch161A	Reynolds SD 7	Reynolds Learning Academy	High	2003		1990		173	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3	S3	2.7			RM1	1.3	Moderate (>1%)
Mult_sch29	Mult_sch29A	Reynolds SD 7	Reynolds Middle School	High	1956	1956	1950	168,000	1,022	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Mult_sch29	Mult_sch29B	Reynolds SD 7	Reynolds Middle School	High	1956		1950	168,000	1,022	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Mult_sch29	Mult_sch29C	Reynolds SD 7	Reynolds Middle School	High	1956		1950	168,000	1,022	Medium-yes	Low-minor	RVS2006	B	RM1	1.8					RM1	1.8	Moderate (>1%)
Mult_sch29	Mult_sch29D	Reynolds SD 7	Reynolds Middle School	High	1956		1950	168,000	1,022	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Mult_sch29	Mult_sch29E	Reynolds SD 7	Reynolds Middle School	High	1956		1950	168,000	1,022			RVS2006	B	RM1	2.8					RM1	2.8	Low (<1%)
Mult_sch29	Mult_sch29F	Reynolds SD 7	Reynolds Middle School	High	1956		1950	168,000	1,022			RVS2006	B	PC1	2.6	C2	2.8			PC1	2.6	Low (<1%)
Mult_sch29	Mult_sch29G	Reynolds SD 7	Reynolds Middle School	High	1956		1950	168,000	1,022	Medium-yes		RVS2006	B	C2	1.8	PC1	2.6			C2	1.8	Moderate (>1%)
Mult_sch29	Mult_sch29H	Reynolds SD 7	Reynolds Middle School	High	1956		1950	168,000	1,022	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Mult_sch29	Mult_sch29I	Reynolds SD 7	Reynolds Middle School	High	1956		1990	168,000	1,022	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Mult_sch42	Mult_sch42A	Reynolds SD 7	Salish Ponds Elementary School	High	2003				495			NEW	B		-							Low (<1%)
Mult_sch144	Mult_sch144A	Reynolds SD 7	Sweetbriar Elementary School	High	1981	1981	1970	62,625	521	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	PC1	1.7			C2	0.9	High (>10%)
Mult_sch144	Mult_sch144B	Reynolds SD 7	Sweetbriar Elementary School	High	1981		1980	62,625	521	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Mult_sch145	Mult_sch145A	Reynolds SD 7	Troutdale Elementary School	High	1926	1926	1920	53,824	476	Medium-yes	Medium-yes	RVS2006	D	C2	(0.3)					C2	(0.3)	Very High (100%)
Mult_sch145	Mult_sch145B	Reynolds SD 7	Troutdale Elementary School	High	1926	1949	1940	53,824	476	Medium-yes	Medium-yes	RVS2006	D	C2	0.7	RM1	(0.3)			RM1	(0.3)	Very High (100%)
Mult_sch37	Mult_sch37A	Reynolds SD 7	Walt Morey Middle School	High	1998			88,696	709			NEW	B		-							Low (<1%)
Mult_sch146	Mult_sch146A	Reynolds SD 7	Wilkes Elementary School	High	1913		1910	38,560	465	Medium-yes	Medium-yes	RVS2006	B	W2	0.3					W2	0.3	High (>10%)
Mult_sch146	Mult_sch146B	Reynolds SD 7	Wilkes Elementary School	High	1913		1970	38,560	465	Medium-yes	Low-minor	RVS2006	B	W2	1.8					W2	1.8	Moderate (>1%)
Mult_sch146	Mult_sch146C	Reynolds SD 7	Wilkes Elementary School	High	1913		1970	38,560	465	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Mult_sch146	Mult_sch146D	Reynolds SD 7	Wilkes Elementary School	High	1913		1970	38,560	465	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Mult_sch36	Mult_sch36A	Reynolds SD 7	Woodland Elementary	High	1997			62,229	492			NEW	B		-							Low (<1%)
Doug_sch20	Doug_sch20A	Riddle SD 70	Riddle Elementary School	High	1956		1950	40,000	227	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Doug_sch21	Doug_sch21A	Riddle SD 70	Riddle High School	High	1935		1930	49,600	223	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Doug_sch21	Doug_sch21B	Riddle SD 70	Riddle High School	High	1935		1950	49,600	223	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Doug_sch21	Doug_sch21C	Riddle SD 70	Riddle High School	High	1935		1950	49,600	223	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Doug_sch21	Doug_sch21D	Riddle SD 70	Riddle High School	High	1935		1970	49,600	223	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Mult_sch25	Mult_sch25A	Riverdale SD 51J	Riverdale Grade School	High	1920	1920	1920		339	Medium-yes	Medium-yes	RVS2006	B	W2	0.3					W2	0.3	High (>10%)
Mult_sch25	Mult_sch25B	Riverdale SD 51J	Riverdale Grade School	High	1920	1947	1940		339	Low-minor	Medium-yes	RVS2006	B	RM1	2.3	S3	2.7			RM1	2.3	Low (<1%)
Mult_sch25	Mult_sch25C	Riverdale SD 51J	Riverdale Grade School	High	1920	1955	1960		339	Medium-yes	Medium-yes	RVS2006	B	URM	0.3	RM1	1.3			URM	0.3	High (>10%)
Mult_sch35	Mult_sch35A	Riverdale SD 51J	Riverdale High School	High			1920		247	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)	URM	(0.3)			URM	(0.3)	Very High (100%)
Mult_sch35	Mult_sch35B	Riverdale SD 51J	Riverdale High School	High			1970		247	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Jack_sch50	Jack_sch50A	Rogue River SD 35	Evans Valley Elementary School	High	1924		1920	23,811	154	Medium-yes	Medium-yes	RVS2006	B	C2	0.3	RM1	0.3			C2	0.3	High (>10%)
Jack_sch50	Jack_sch50B	Rogue River SD 35	Evans Valley Elementary School	High	1924		1950	23,811	154			RVS2006	B	RM1	2.8					RM1	2.8	Low (<1%)
Jack_sch20	Jack_sch20A	Rogue River SD 35	Rogue River Elementary School	High	1950		1950	31,784	329		Medium-yes	RVS2006	D	RM1	1.7					RM1	1.7	Moderate (>1%)
Jack_sch20	Jack_sch20B	Rogue River SD 35	Rogue River Elementary School	High	1950		1930	31,784	329			RVS2006	D	URM	1.0					URM	1.0	High (>10%)
Jack_sch20	Jack_sch20C	Rogue River SD 35	Rogue River Elementary School	High	1950		1950	31,784	329			RVS2006	D	RM1	2.2					RM1	2.2	Low (<1%)
Jack_sch20	Jack_sch20D	Rogue River SD 35	Rogue River Elementary School	High	1950		1950	31,784	329			RVS2006	D	W2	3.0					W2	3.0	Low (<1%)
Jack_sch22	Jack_sch22A	Rogue River SD 35	Rogue River High School	High	1975		1970	77,578	436	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Jack_sch22	Jack_sch22B	Rogue River SD 35	Rogue River High School	High	1975		1970	77,578	436	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Jack_sch21	Jack_sch21A	Rogue River SD 35	Rogue River Middle School	High	1920		1960	42,158	289	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Mari_sch11	Mari_sch11A	Salem-Keizer SD 24J	Auburn Elementary School	High	1955			47,461	640			SER	D	W2	0.5					W2	0.5	High (>10%)
Polk_sch13	Polk_sch13A	Salem-Keizer SD 24J	Brush College Elementary Schoo	High	1860			51,780	372			SER	D	W2	(0.5)					W2	(0.5)	Very High (100%)
Mari_sch96	Mari_sch96A	Salem-Keizer SD 24J	Bush Elementary School	High	1936			54,770	283			SER	C	C3	(0.5)					C3	(0.5)	Very High (100%)
Mari_sch14	Mari_sch14A	Salem-Keizer SD 24J	Candalaria Elementary School	High	1955			34,970	334			SER	B	W2	1.3					W2	1.3	Moderate (>1%)
Polk_sch16	Polk_sch16A	Salem-Keizer SD 24J	Chapman Hill Elementary School	High	1985			59,528	494			SER	B	W2	3.7					W2	3.7	Low (<1%)
Mari_sch73	Mari_sch73A	Salem-Keizer SD 24J	Claggett Creek Middle School	High	2001			114,696	932			NEW	E		-							Low (<1%)
Mari_sch15	Mari_sch15A	Salem-Keizer SD 24J	Clear Lake Elementary School	High	1994			49,000	464			NEW	D		-							Low (<1%)
Mari_sch66	Mari_sch66A	Salem-Keizer SD 24J	Crossler Middle School	High	1995			107,800	752			NEW	E		-							Low (<1%)
Mari_sch16	Mari_sch16A	Salem-Keizer SD 24J	Cummings Elementary School	High	1953			41,287	449			SER	E	C2	0.5					C2	0.5	High (>10%)
Mari_sch17	Mari_sch17A	Salem-Keizer SD 24J	Englewood Elementary School	High	1910			55,240	368			SER	D	URM	(0.5)					URM	(0.5)	Very High (100%)
Mari_sch27	Mari_sch27A	Salem-Keizer SD 24J	Eyre Elementary School	High	1976			47,200	618			SER	D	W2	0.5					W2	0.5	High (>10%)
Mari_sch79	Mari_sch79A	Salem-Keizer SD 24J	Forest Ridge Elementary School	High	2001			42,000	238			NEW	D		-							Low (<1%)
Mari_sch19	Mari_sch19A	Salem-Keizer SD 24J	Four Corners Elementary School	High	1949			50,867	460			SER	D	RM1	0.7					RM1	0.7	High (>10%)
Mari_sch86	Mari_sch86A	Salem-Keizer SD 24J	Grant Community School	High	1955			39,853	482			SER	C	C2	0.9					C2	0.9	High (>10%)
Mari_sch23	Mari_sch23A	Salem-Keizer SD 24J	Gubser Elementary School	High	1976			49,574	545			SER	D	W2	0.5					W2	0.5	High (>10%)
Mari_sch76	Mari_sch76A	Salem-Keizer SD 24J	Hallman Elementary School	High	2001			44,951	443			NEW	D		-							Low (<1%)
Mari_sch85	Mari_sch85A	Salem-Keizer SD 24J	Hammond Elementary School	High	2001			52,434	480			NEW	D		-							Low (<1%)
Polk_sch18	Polk_sch18A	Salem-Keizer SD 24J	Harritt Elementary School	High	2003			48,000	488			NEW	D		-							Low (<1%)
Mari_sch30	Mari_sch30A	Salem-Keizer SD 24J	Hayesville Elementary School	High	1963			55,458	405			SER	D	RM1	0.7					RM1	0.7	High (>10%)
Mari_sch91	Mari_sch91A	Salem-Keizer SD 24J	Hazel Green Elementary School	High	1954			13,350	164			SER	D	W2	0.5					W2	0.5	High (>10%)
Mari_sch21	Mari_sch21A	Salem-Keizer SD 24J	Highland Elementary School	High	1910			46,128	320			SER	D	URM	(0.5)					URM	(0.5)	Very High (100%)
Mari_sch22	Mari_sch22A	Salem-Keizer SD 24J	Hoover Elementary School	High	1968		1940	52,901	606		Medium-yes	SER & RVS2006	D	W2	2.5					W2	2.5	Low (<1%)
Mari_sch22	Mari_sch22B	Salem-Keizer SD 24J	Hoover Elementary School	High	1968		1980	52,901	606		Medium-yes	SER & RVS2006	D	W2	4.9					W2	4.9	Low (<1%)
Mari_sch22	Mari_sch22C	Salem-Keizer SD 24J	Hoover Elementary School	High	1968		1980	52,901	606	Medium-yes	Medium-yes	SER & RVS2006	D	W2	2.9					W2	2.9	Low (<1%)
Mari_sch67	Mari_sch67A	Salem-Keizer SD 24J	Houck Middle School	High	1995			111,579	1,071			NEW	D		-							Low (<1%)
Mari_sch39	Mari_sch39A	Salem-Keizer SD 24J	Judson Middle School	High	1957			107,184	878			SER	B	C2	1.3					C2	1.3	Moderate (>1%)
Mari_sch25	Mari_sch25A	Salem-Keizer SD 24J	Keizer Elementary School	High	1985			67,210	490			SER	D	W2	2.9					W2	2.9	Low (<1%)
Mari_sch24	Mari_sch24A	Salem-Keizer SD 24J	Kennedy Elementary School	High	1964			40,540	449			SER	E	RM1	0.9					RM1	0.9	High (>10%)

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Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Mari_sch75	Mari_sch75A	Salem-Keizer SD 24J	Lamb Elementary School	High	2001			52,434	465			NEW	D		-							Low (<1%)
Mari_sch78	Mari_sch78A	Salem-Keizer SD 24J	Lee Elementary School	High	2001			53,000	360			NEW	B		-							Low (<1%)
Mari_sch95	Mari_sch95A	Salem-Keizer SD 24J	Leslie Middle School	High	1997			106,000	827			NEW	B		-							Low (<1%)
Mari_sch26	Mari_sch26A	Salem-Keizer SD 24J	Liberty Elementary School	High	1908			52,273	379			SER	B	W2	0.3					W2	0.3	High (>10%)
Mari_sch83	Mari_sch83A	Salem-Keizer SD 24J	McKay High School	High	1978			247,176	1,836			SER	D	RM2	0.7					RM2	0.7	High (>10%)
Mari_sch82	Mari_sch82A	Salem-Keizer SD 24J	McKinley Elementary School	High	1915			40,140	294			SER	B	C2	0.3					C2	0.3	High (>10%)
Mari_sch84	Mari_sch84A	Salem-Keizer SD 24J	McNary High School	High	1963			240,200	2,035			SER	E	C2	0.5					C2	0.5	High (>10%)
Mari_sch72	Mari_sch72A	Salem-Keizer SD 24J	Miller Elementary School	High	2000			57,550	408			NEW	D		-							Low (<1%)
Mari_sch28	Mari_sch28A	Salem-Keizer SD 24J	Morningside Elementary School	High	1953			50,996	302			SER	B	W2	1.3					W2	1.3	Moderate (>1%)
Polk_sch14	Polk_sch14A	Salem-Keizer SD 24J	Myers Elementary School	High	1973			46,746	556			SER	B	W2	1.3					W2	1.3	Moderate (>1%)
Mari_sch44	Mari_sch44A	Salem-Keizer SD 24J	North Salem High School	High	1936	1936	1930	163,060	2,039	Medium-yes	Medium-yes	SER & RVS2006	C	C2	(0.1)	W2	(0.1)			C2	(0.1)	Very High (100%)
Mari_sch44	Mari_sch44B	Salem-Keizer SD 24J	North Salem High School	High	1936		1940	163,060	2,039	Medium-yes	Medium-yes	SER & RVS2006	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Mari_sch44	Mari_sch44C	Salem-Keizer SD 24J	North Salem High School	High	1936		1940	163,060	2,039	Medium-yes	Medium-yes	SER & RVS2006	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Mari_sch44	Mari_sch44D	Salem-Keizer SD 24J	North Salem High School	High	1936		2000	163,060	2,039		Low-minor	SER & RVS2006	C	RM1	2.4	W2	5.8			RM1	2.4	Low (<1%)
Mari_sch44	Mari_sch44E	Salem-Keizer SD 24J	North Salem High School	High	1936		1980	163,060	2,039	Medium-yes	Medium-yes	SER & RVS2006	C	S2	0.6					S2	0.6	High (>10%)
Mari_sch44	Mari_sch44F	Salem-Keizer SD 24J	North Salem High School	High	1936		1940	163,060	2,039	Medium-yes	Medium-yes	SER & RVS2006	C	URM	(0.3)	RM1	(0.1)			URM	(0.3)	Very High (100%)
Mari_sch40	Mari_sch40A	Salem-Keizer SD 24J	Parrish Middle School	High	1924	1924	1920	109,522	684	Medium-yes	Low-minor	RVS2006	C	C2	0.4					C2	0.4	High (>10%)
Mari_sch40	Mari_sch40B	Salem-Keizer SD 24J	Parrish Middle School	High	1924		1940	109,522	684	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Mari_sch40	Mari_sch40C	Salem-Keizer SD 24J	Parrish Middle School	High	1924		1940	109,522	684	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Mari_sch40	Mari_sch40D	Salem-Keizer SD 24J	Parrish Middle School	High	1924		1940	109,522	684	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)	RM1	(0.1)			C2	(0.1)	Very High (100%)
Mari_sch40	Mari_sch40E	Salem-Keizer SD 24J	Parrish Middle School	High	1924		1920	109,522	684	Medium-yes	Medium-yes	RVS2006	C	W2	(0.1)					W2	(0.1)	Very High (100%)
Mari_sch40	Mari_sch40F	Salem-Keizer SD 24J	Parrish Middle School	High	1924		1990	109,522	684	Low-minor	Medium-yes	RVS2006	C	RM1	1.9	S3	2.3	PC1	1.7	PC1	1.7	Moderate (>1%)
Mari_sch31	Mari_sch31A	Salem-Keizer SD 24J	Pringle Elementary School	High	1985			50,600	481			SER	B	W2	3.7					W2	3.7	Low (<1%)
Mari_sch32	Mari_sch32A	Salem-Keizer SD 24J	Richmond Elementary School	High	1911			45,892	375			SER	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Mari_sch90	Mari_sch90A	Salem-Keizer SD 24J	Rosedale Elementary School	High	1952			24,632	166			SER	C	W2	0.9					W2	0.9	High (>10%)
Mari_sch33	Mari_sch33A	Salem-Keizer SD 24J	Salem Heights Elementary Schoc	High	1938	1938	1930	43,783	288			SER	B	C2	0.3					C2	0.3	High (>10%)
Mari_sch34	Mari_sch34A	Salem-Keizer SD 24J	Schirle Elementary School	High	1976			50,958	471			SER	B	W2	1.3					W2	1.3	Moderate (>1%)
Mari_sch20	Mari_sch20A	Salem-Keizer SD 24J	Scott Elementary School	High	1976			49,888	609			SER	D	W2	0.5					W2	0.5	High (>10%)
Mari_sch46	Mari_sch46A	Salem-Keizer SD 24J	South Salem High School	High	1954			270,050	1,925			SER	C	C3	(0.3)					C3	(0.3)	Very High (100%)
Mari_sch45	Mari_sch45A	Salem-Keizer SD 24J	Sprague High School	High	1972			248,734	1,761			SER	B	PC1	2.1					PC1	2.1	Low (<1%)
Mari_sch68	Mari_sch68A	Salem-Keizer SD 24J	Stephens Middle School	High	1994			112,803	1,008			NEW	D		-							Low (<1%)
Mari_sch35	Mari_sch35A	Salem-Keizer SD 24J	Sumpter Elementary School	High	1979			48,352	551			SER	B	W2	3.7					W2	3.7	Low (<1%)
Mari_sch36	Mari_sch36A	Salem-Keizer SD 24J	Swegle Elementary School	High	1923			47,610	499			SER	D	W2	(0.5)					W2	(0.5)	Very High (100%)
Mari_sch41	Mari_sch41A	Salem-Keizer SD 24J	Waldo Middle School	High	1957			108,048	698			SER	D	C2	0.7					C2	0.7	High (>10%)
Polk_sch15	Polk_sch15A	Salem-Keizer SD 24J	Walker Middle School	High	1960			139,920	968			SER	D	PC1	1.5					PC1	1.5	Moderate (>1%)
Mari_sch37	Mari_sch37A	Salem-Keizer SD 24J	Washington Elementary School	High	1948			65,156	393			SER	D	C2	0.7					C2	0.7	High (>10%)
Mari_sch74	Mari_sch74A	Salem-Keizer SD 24J	Weddle Elementary School	High	2001			50,080	466			NEW	E		-							Low (<1%)
Polk_sch17	Polk_sch17A	Salem-Keizer SD 24J	West Salem High School	High	2002			270,000	1,506			NEW	B		-							Low (<1%)
Mari_sch43	Mari_sch43A	Salem-Keizer SD 24J	Whiteaker Middle School	High	1966			114,452	777			SER	D	PC1	1.5					PC1	1.5	Moderate (>1%)
Mari_sch18	Mari_sch18A	Salem-Keizer SD 24J	Wright Elementary School	High	1960			54,004	480			SER	B	W2	1.3					W2	1.3	Moderate (>1%)
Mari_sch38	Mari_sch38A	Salem-Keizer SD 24J	Yoshikai Elementary School	High	1994			49,000	500			NEW	D		-							Low (<1%)
Linn_sch24	Linn_sch24A	Santiam Canyon SD 12	Gates Elementary School	Moderate	1927		1920	9,844	230			RVS2006	D	W2	3.4					W2	3.4	Low (<1%)
Linn_sch24	Linn_sch24B	Santiam Canyon SD 12	Gates Elementary School	Moderate	1927		1950	9,844	230	Low-minor	Medium-yes	RVS2006	D	W2	3.1					W2	3.1	Low (<1%)
Linn_sch24	Linn_sch24C	Santiam Canyon SD 12	Gates Elementary School	Moderate	1927		1920	9,844	230	Medium-yes	Low-minor	RVS2006	D	W2	0.4					W2	0.4	High (>10%)
Linn_sch25	Linn_sch25A	Santiam Canyon SD 12	Mill City Middle School	Moderate	1987		1980	46,547	212	Medium-yes	Medium-yes	RVS2006	D	W2	1.7					W2	1.7	Moderate (>1%)
Linn_sch26	Linn_sch26A	Santiam Canyon SD 12	Santiam High School	Moderate	1956		1950	69,143	239		Medium-yes	RVS2006	D	W2	3.1					W2	3.1	Low (<1%)
Linn_sch26	Linn_sch26B	Santiam Canyon SD 12	Santiam High School	Moderate	1956		1960	69,143	239	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)	PC1	1.7			C2	(0.1)	Very High (100%)
Linn_sch26	Linn_sch26C	Santiam Canyon SD 12	Santiam High School	Moderate	1956		1970	69,143	239	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Linn_sch26	Linn_sch26D	Santiam Canyon SD 12	Santiam High School	Moderate	1956		1960	69,143	239	Low-minor	Medium-yes	RVS2006	D	W2	3.1					W2	3.1	Low (<1%)
Colu_sch09	Colu_sch09A	Scappoose SD 1J	Grant Watts Elementary School	High	1963	1963	1960	39,300	385	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3	W2	1.3			RM1	1.3	Moderate (>1%)
Colu_sch09	Colu_sch09B	Scappoose SD 1J	Grant Watts Elementary School	High	1963		1970	39,300	385			RVS2006	B	W2	3.8					W2	3.8	Low (<1%)
Colu_sch14	Colu_sch14A	Scappoose SD 1J	Petersen Elementary School	High	1940		1940	58,760	454	Medium-yes	Medium-yes	RVS2006	B	RM1	0.3	W2	0.3	C2	0.3	RM1	0.3	High (>10%)
Colu_sch14	Colu_sch14B	Scappoose SD 1J	Petersen Elementary School	High	1940		1960	58,760	454			RVS2006	B	RM1	2.8	W2	3.8			RM1	2.8	Low (<1%)
Colu_sch14	Colu_sch14C	Scappoose SD 1J	Petersen Elementary School	High	1940		1990	58,760	454	Medium-yes	Medium-yes	RVS2006	B	PC1	2.1	W2	3.7			PC1	2.1	Low (<1%)
Colu_sch01	Colu_sch01A	Scappoose SD 1J	Scappoose High School	High	1972	1972	1970	102,000	741	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3	C2	1.3			RM1	1.3	Moderate (>1%)
Colu_sch01	Colu_sch01B	Scappoose SD 1J	Scappoose High School	High	1972		1970	102,000	741			RVS2006	B	RM1	2.8	C1	2.5	C3	1.6	C3	1.6	Moderate (>1%)
Colu_sch15	Colu_sch15A	Scappoose SD 1J	Scappoose Middle School	High	1930		1930	47,000	351	Medium-yes	Medium-yes	RVS2006	B	C2	0.3					C2	0.3	High (>10%)
Colu_sch15	Colu_sch15B	Scappoose SD 1J	Scappoose Middle School	High	1930		1960	47,000	351	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3	W2	1.3			RM1	1.3	Moderate (>1%)
Colu_sch17	Colu_sch17A	Scappoose SD 1J	Warren Elementary School	High	1903		1940	25,000	196	Medium-yes	Medium-yes	RVS2006	D	W1	1.4					W1	1.4	Moderate (>1%)
Colu_sch17	Colu_sch17B	Scappoose SD 1J	Warren Elementary School	High	1903		1950	25,000	196	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Colu_sch17	Colu_sch17C	Scappoose SD 1J	Warren Elementary School	High	1903		1970	25,000	196	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Colu_sch17	Colu_sch17D	Scappoose SD 1J	Warren Elementary School	High	1903		1990	25,000	196		Medium-yes	RVS2006	D	W2	4.9					W2	4.9	Low (<1%)
Linn_sch22	Linn_sch22A	Scio SD 95	Centennial Elementary School	Moderate	1984		1970	37,508	269		Low-minor	RVS2006	D	RM1	2.4					RM1	2.4	Low (<1%)
Linn_sch22	Linn_sch22B	Scio SD 95	Centennial Elementary School	Moderate	1984		1990	37,508	269	Medium-yes		RVS2006	D	S3	2.8					S3	2.8	Low (<1%)
Linn_sch23	Linn_sch23A	Scio SD 95	Scio High School	Moderate	1956		1950	92,946	245	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)	W2	0.1			RM1	(0.1)	Very High (100%)
Linn_sch23	Linn_sch23B	Scio SD 95	Scio High School	Moderate	1956		1970	92,946	245			RVS2006	D	RM1	2.4					RM1	2.4	Low (<1%)
Linn_sch23	Linn_sch23C	Scio SD 95	Scio High School	Moderate	1956		1990	92,946	245		Medium-yes	RVS2006	D	RM1	1.9					RM1	1.9	Moderate (>1%)
Linn_sch43	Linn_sch43A	Scio SD 95	Scio Middle School	Moderate	1950		1950	69,064	139	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	RM1	(0.1)			RM1	(0.1)	Very High (100%)
Clat_sch03	Clat_sch03A	Seaside SD 10	Broadway Middle School	Very High	1946	1946	1940	75,036	358	Medium-yes	Medium-yes	RVS2006	B	C2	1.3	RM1	1.3			C2	1.3	Moderate (>1%)
Clat_sch03	Clat_sch03B	Seaside SD 10	Broadway Middle School	Very High	1946	1994	1990	75,036	358	Medium-yes	Medium-yes	RVS2006	B	PC1	2.1					PC1	2.1	Low (<1%)
Clat_sch03	Clat_sch03C	Seaside SD 10	Broadway Middle School	Very High	1946		1940	75,036	358	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3	C2	1.3			RM1	1.3	Moderate (>1%)
Clat_sch03	Clat_sch03D	Seaside SD 10	Broadway Middle School	Very High	1946		1960	75,036	358		Medium-yes	RVS2006	B	RM1	2.3					RM1	2.3	Low (<1%)
Clat_sch03	Clat_sch03E	Seaside SD 10	Broadway Middle School	Very High	1946	1994	1990	75,036	358		Medium-yes	RVS2006	B	W2	5.7	S2	3.9			S2	3.9	Low (<1%)
Clat_sch04	Clat_sch04A	Seaside SD 10	Cannon Beach Elementary	Very High	1950		1950	16,472	117			RVS2006	C	W2	3.4					W2	3.4	Low (<1%)
Clat_sch04	Clat_sch04B	Seaside SD 10	Cannon Beach Elementary	Very High	1950		1950	16,472	117	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)

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Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Clat_sch06	Clat_sch06A	Seaside SD 10	Gearhart Elementary School	Very High	1948	1948	1940	34,875	286	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Clat_sch06	Clat_sch06B	Seaside SD 10	Gearhart Elementary School	Very High	1948		1970	34,875	286	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Clat_sch05	Clat_sch05A	Seaside SD 10	Seaside Heights Elementary Sch	Very High	1975	1975	1970	67,200	298			RVS2006	B	C2	2.8					C2	2.8	Low (<1%)
Clat_sch07	Clat_sch07A	Seaside SD 10	Seaside High School	Very High	1958	1958	1950	94,256	521	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Clat_sch07	Clat_sch07B	Seaside SD 10	Seaside High School	Very High	1958		1960	94,256	521	Medium-yes	Medium-yes	RVS2006	C	S2	0.6	S1	0.9	C2	0.9	S2	0.6	High (>10%)
Clat_sch07	Clat_sch07C	Seaside SD 10	Seaside High School	Very High	1958		1960	94,256	521		Medium-yes	RVS2006	C	C2	1.9					C2	1.9	Moderate (>1%)
Clat_sch07	Clat_sch07D	Seaside SD 10	Seaside High School	Very High	1958		1960	94,256	521	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Clat_sch07	Clat_sch07E	Seaside SD 10	Seaside High School	Very High	1958		1990	94,256	521		Low-minor	RVS2006	C	W2	5.8					W2	5.8	Low (<1%)
Yamh_sch16	Yamh_sch16A	Sheridan SD 48J	Faulconer-Chapman School	High	1949		1970		617	Medium-yes	Low-minor	RVS2006	B	PC1	2.6					PC1	2.6	Low (<1%)
Yamh_sch17	Yamh_sch17A	Sheridan SD 48J	Sheridan High School	High	1948			55,700	276			*MISSED*	C		-							High (>10%)
Sher_sch03	Sher_sch03A	Sherman County SD	North Sherman Elementary Scho	Moderate	1917	1917	1910	32,180	72	Low-minor	Medium-yes	RVS2006	B	C2	2.7					C2	2.7	Low (<1%)
Sher_sch03	Sher_sch03B	Sherman County SD	North Sherman Elementary Scho	Moderate	1917		1950	32,180	72	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Sher_sch02	Sher_sch02A	Sherman County SD	Sherman Junior/Senior High Sch	Moderate	1956	1956	1950	53,082	145	Medium-yes	Medium-yes	RVS2006	B	C2	1.1					C2	1.1	Moderate (>1%)
Sher_sch02	Sher_sch02B	Sherman County SD	Sherman Junior/Senior High Sch	Moderate	1956	1992	1990	53,082	145	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1					RM1	1.1	Moderate (>1%)
Sher_sch02	Sher_sch02C	Sherman County SD	Sherman Junior/Senior High Sch	Moderate	1956		1950	53,082	145	Medium-yes		RVS2006	B	C2	1.6					C2	1.6	Moderate (>1%)
Sher_sch01	Sher_sch01A	Sherman County SD	South Sherman Elementary Schc	Moderate	1992	1992	1990	31,900	53	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3	W2	2.1			RM1	0.3	High (>10%)
Wash_sch94	Wash_sch94A	Sherwood SD 88J	Archer Glen Elementary School	High	1995			65,800	698			NEW	B		-							Low (<1%)
Wash_sch77	Wash_sch77A	Sherwood SD 88J	J Clyde Hopkins Elementary Sch	High	1950	1950	1950	44,500	636	Medium-yes	Low-minor	RVS2006	C	W2	1.4					W2	1.4	Moderate (>1%)
Wash_sch77	Wash_sch77B	Sherwood SD 88J	J Clyde Hopkins Elementary Sch	High	1950	1950	1950	44,500	636	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Wash_sch77	Wash_sch77C	Sherwood SD 88J	J Clyde Hopkins Elementary Sch	High	1950		1960	44,500	636	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	URM	(0.1)			URM	(0.1)	Very High (100%)
Wash_sch77	Wash_sch77D	Sherwood SD 88J	J Clyde Hopkins Elementary Sch	High	1950		1980	44,500	636	Low-minor	Medium-yes	RVS2006	C	W2	5.3					W2	5.3	Low (<1%)
Wash_sch77	Wash_sch77E	Sherwood SD 88J	J Clyde Hopkins Elementary Sch	High	1950		1980	44,500	636		Medium-yes	RVS2006	C	W2	5.3					W2	5.3	Low (<1%)
Wash_sch102	Wash_sch102A	Sherwood SD 88J	Middleton Elementary School	High	2000			63,306	643			NEW	B		-							Low (<1%)
Wash_sch79	Wash_sch79A	Sherwood SD 88J	Sherwood High School	High	1971			146,259	930			*MISSED*	C		-							High (>10%)
Wash_sch78	Wash_sch78A	Sherwood SD 88J	Sherwood Middle School	High	1936		1980	90,249	887	Medium-yes	Medium-yes	RVS2006	C	PC1	1.7					PC1	1.7	Moderate (>1%)
Wash_sch78	Wash_sch78B	Sherwood SD 88J	Sherwood Middle School	High	1936		1980	90,249	887	Medium-yes		RVS2006	C	RM1	1.4					RM1	1.4	Moderate (>1%)
Wash_sch78	Wash_sch78C	Sherwood SD 88J	Sherwood Middle School	High	1936		1930	90,249	887	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Wash_sch78	Wash_sch78D	Sherwood SD 88J	Sherwood Middle School	High	1936		1980	90,249	887	Medium-yes	Low-minor	RVS2006	C	RM1	1.4	C2	1.4			RM1	1.4	Moderate (>1%)
Wash_sch78	Wash_sch78E	Sherwood SD 88J	Sherwood Middle School	High	1936		1980	90,249	887	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	RM1	0.9			C2	0.9	High (>10%)
Wash_sch78	Wash_sch78F	Sherwood SD 88J	Sherwood Middle School	High	1936		1960	90,249	887	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Mari_sch88	Mari_sch88A	Silver Falls SD 4J	Eugene Field Elementary School	High	1921		1970	50,590	467			SER	B	URM	0.1					URM	0.1	High (>10%)
Mari_sch01	Mari_sch01A	Silver Falls SD 4J	Mark Twain Middle School	High	1957			47,662	332			*MISSED*	B		-							High (>10%)
Mari_sch02	Mari_sch02A	Silver Falls SD 4J	Robert Frost Elementary School	High	1971			54,000	396			*MISSED*	B		-							High (>10%)
Mari_sch63	Mari_sch63A	Silver Falls SD 4J	Silverton High	High	1998				1,183			NEW	C		-							Low (<1%)
Mari_sch62	Mari_sch62A	Silver Falls SD 4J	Silverton High School (Schlador	High	1939			126,857	1,183			SER	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Desc_sch14	Desc_sch14A	Sisters SD 6	Sisters Elementary School	Moderate	1978	1978	1970	63,000	475	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	RM1	(0.1)			RM1	(0.1)	Very High (100%)
Desc_sch14	Desc_sch14B	Sisters SD 6	Sisters Elementary School	Moderate	1978		1970	63,000	475	Medium-yes		RVS2006	D	PC1	2.2					PC1	2.2	Low (<1%)
Desc_sch14	Desc_sch14C	Sisters SD 6	Sisters Elementary School	Moderate	1978		1980	63,000	475			RVS2006	D	W1	6.2					W1	6.2	Low (<1%)
Desc_sch17	Desc_sch17A	Sisters SD 6	Sisters High School	Moderate	2003			152,400	587			NEW	C		-							Low (<1%)
Desc_sch16	Desc_sch16A	Sisters SD 6	Sisters Middle School	Moderate	1992		1990	96,400	322	Medium-yes	Medium-yes	RVS2006	D	S2	(0.1)	S1	0.1	W2	1.7	S2	(0.1)	Very High (100%)
Lane_sch69	Lane_sch69A	Siuslaw SD 97J	Siuslaw Elementary School	Very High	1994				352			NEW	C		-							Low (<1%)
Lane_sch70	Lane_sch70A	Siuslaw SD 97J	Siuslaw High School	Very High	1970		1960	109,747	572	Medium-yes	Medium-yes	RVS2006	C	PC1	1.7	W2	0.9	C2	0.9	W2	0.9	High (>10%)
Lane_sch70	Lane_sch70B	Siuslaw SD 97J	Siuslaw High School	Very High	1970		1980	109,747	572		Medium-yes	RVS2006	C	PC1	1.7					PC1	1.7	Moderate (>1%)
Lane_sch70	Lane_sch70C	Siuslaw SD 97J	Siuslaw High School	Very High	1970		1970	109,747	572		Medium-yes	RVS2006	C	RM1	1.9					RM1	1.9	Moderate (>1%)
Lane_sch68	Lane_sch68A	Siuslaw SD 97J	Siuslaw Middle School	Very High	2001			111,616	352			NEW	C		-							Low (<1%)
Lane_sch50	Lane_sch50A	South Lane SD 45J3	Bohemia Elementary School	High	1976		1970	53,411	469	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Lane_sch50	Lane_sch50B	South Lane SD 45J3	Bohemia Elementary School	High	1976		1970	53,411	469	Medium-yes		RVS2006	C	RM1	1.4					RM1	1.4	Moderate (>1%)
Lane_sch53	Lane_sch53A	South Lane SD 45J3	Cottage Grove High School	High	2006	2003	2000	117,912	892			NEW	C		-							Low (<1%)
Lane_sch51	Lane_sch51A	South Lane SD 45J3	Harrison Elementary School	High	1948		1950	39,348	352	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	W2	0.9	S3	2.3	RM1	0.9	High (>10%)
Lane_sch52	Lane_sch52A	South Lane SD 45J3	Lincoln Middle School	High	1963		1960	91,698	560	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	W1	1.4			RM1	0.7	High (>10%)
Doug_sch13	Doug_sch13A	South Umpqua SD 19	Canyonville School	High	1935		1930	33,050	210	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Doug_sch13	Doug_sch13B	South Umpqua SD 19	Canyonville School	High	1935		1950	33,050	210	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Doug_sch13	Doug_sch13C	South Umpqua SD 19	Canyonville School	High	1935		1950	33,050	210			RVS2006	C	RM1	2.4					RM1	2.4	Low (<1%)
Doug_sch13	Doug_sch13D	South Umpqua SD 19	Canyonville School	High	1935		1950	33,050	210	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Doug_sch15	Doug_sch15A	South Umpqua SD 19	Coffenberry Middle School	High	1930		1940	22,829	368	Medium-yes	Medium-yes	RVS2006	C	W2	(0.1)					W2	(0.1)	Very High (100%)
Doug_sch15	Doug_sch15B	South Umpqua SD 19	Coffenberry Middle School	High	1930		1960	22,829	368	Medium-yes		RVS2006	C	RM1	1.4					RM1	1.4	Moderate (>1%)
Doug_sch14	Doug_sch14A	South Umpqua SD 19	Myrtle Creek Elementary School	High	1927		1950	26,186	339	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Doug_sch14	Doug_sch14B	South Umpqua SD 19	Myrtle Creek Elementary School	High	1927		1980	26,186	339	Medium-yes	Medium-yes	RVS2006	C	W2	3.3					W2	3.3	Low (<1%)
Doug_sch14	Doug_sch14C	South Umpqua SD 19	Myrtle Creek Elementary School	High	1927		1920	26,186	339	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)					C2	(0.1)	Very High (100%)
Doug_sch14	Doug_sch14D	South Umpqua SD 19	Myrtle Creek Elementary School	High	1927		1940	26,186	339	Medium-yes	Medium-yes	RVS2006	C	W2	(0.1)					W2	(0.1)	Very High (100%)
Doug_sch14	Doug_sch14E	South Umpqua SD 19	Myrtle Creek Elementary School	High	1927		1950	26,186	339	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Doug_sch14	Doug_sch14F	South Umpqua SD 19	Myrtle Creek Elementary School	High	1927		1920	26,186	339			RVS2006	C	C2	1.4					C2	1.4	Moderate (>1%)
Doug_sch17	Doug_sch17A	South Umpqua SD 19	South Umpqua High School	High	1965		1970	115,000	554	Medium-yes	Medium-yes	RVS2006	C	W2	0.9	RM1	0.9			W2	0.9	High (>10%)
Doug_sch16	Doug_sch16A	South Umpqua SD 19	Tri City Elementary School	High	1952		1950	40,395	363	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Doug_sch16	Doug_sch16B	South Umpqua SD 19	Tri City Elementary School	High	1952		1990	40,395	363			RVS2006	C	W1	6.8					W1	6.8	Low (<1%)
Wasc_sch10	Wasc_sch10A	South Wasco County S	Maupin Elementary School	Moderate	1930		1930	31,691	123	Medium-yes	Medium-yes	RVS2006	B	C2	0.7					C2	0.7	High (>10%)
Wasc_sch10	Wasc_sch10B	South Wasco County S	Maupin Elementary School	Moderate	1930		1930	31,691	123	Medium-yes	Medium-yes	RVS2006	B	C2	0.7					C2	0.7	High (>10%)
Wasc_sch10	Wasc_sch10C	South Wasco County S	Maupin Elementary School	Moderate	1930		1970	31,691	123	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1					RM1	1.1	Moderate (>1%)
Wasc_sch10	Wasc_sch10D	South Wasco County S	Maupin Elementary School	Moderate	1930		1970	31,691	123		Low-minor	RVS2006	B	RM1	3.6					RM1	3.6	Low (<1%)
Wasc_sch03	Wasc_sch03A	South Wasco County S	South Wasco County High Schoc	Moderate	1955		1950	42,724	141	Medium-yes	Medium-yes	RVS2006	B	RM1	1.1					RM1	1.1	Moderate (>1%)
Wasc_sch03	Wasc_sch03B	South Wasco County S	South Wasco County High Schoc	Moderate	1955		1970	42,724	141			RVS2006	B	RM1	3.6					RM1	3.6	Low (<1%)
Whee_sch01	Whee_sch01A	Spray SD 1	Spray School	Moderate	1955	1920	1920	3,026	66	Medium-yes	Medium-yes	RVS2006	D	URM	0.2					URM	0.2	High (>10%)
Whee_sch01	Whee_sch01B	Spray SD 1	Spray School	Moderate	1955		1950	3,026	66	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)	W2	0.1	C2	(0.1)	RM1	(0.1)	Very High (100%)
Whee_sch01	Whee_sch01C	Spray SD 1	Spray School	Moderate	1955		1950	3,026	66	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Whee_sch01	Whee_sch01D	Spray SD 1	Spray School	Moderate	1955		1960	3,026	66	Medium-yes		RVS2006	D	RM1	0.4					RM1	0.4	High (>10%)

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Lane_sch76	Lane_sch76A	Springfield SD 19	Agnes Stewart Middle School	Moderate	1997			94,000	612			FEMA154	B	RM1	3.6					RM1	3.6	Low (<1%)
Lane_sch85	Lane_sch85A	Springfield SD 19	Brattain Elementary School	High	1925			27,746	254			FEMA154	C	W2	2.4					W2	2.4	Low (<1%)
Lane_sch28	Lane_sch28A	Springfield SD 19	Briggs Middle School	High	1963			93,303	553			FEMA154	B	RM1	2.8					RM1	2.8	Low (<1%)
Lane_sch29	Lane_sch29A	Springfield SD 19	Centennial Elementary School	High	1963			64,868	427			FEMA154	B	RM1	2.8					RM1	2.8	Low (<1%)
Lane_sch30	Lane_sch30A	Springfield SD 19	Douglas Gardens Elementary Sc	Moderate	1963			50,321	443			FEMA154	B	W2	4.8					W2	4.8	Low (<1%)
Lane_sch31	Lane_sch31A	Springfield SD 19	Elizabeth Page Elementary Scho	High	1953			38,283	453			FEMA154	B	W2	3.8					W2	3.8	Low (<1%)
Lane_sch32	Lane_sch32A	Springfield SD 19	Guy Lee Elementary School	High	1961			51,110	377			FEMA154	B	RM1	2.8					RM1	2.8	Low (<1%)
Lane_sch33	Lane_sch33A	Springfield SD 19	Hamlin Middle School	High	1957			83,881	445			FEMA154	B	W2	3.8					W2	3.8	Low (<1%)
Lane_sch34	Lane_sch34A	Springfield SD 19	Maple Elementary School	High	1947			41,706	327			FEMA154	B	W2	3.8					W2	3.8	Low (<1%)
Lane_sch35	Lane_sch35A	Springfield SD 19	Moffitt Elementary School	High	1950			41,910	292			FEMA154	B	W2	3.8					W2	3.8	Low (<1%)
Lane_sch37	Lane_sch37A	Springfield SD 19	Mt Vernon Elementary School	Moderate	1997			58,000	531			FEMA154	B	RM1	3.6					RM1	3.6	Low (<1%)
Lane_sch36	Lane_sch36A	Springfield SD 19	Ridgeview Elementary School	Moderate	1981			67,915	424			FEMA154	B	RM1	3.6					RM1	3.6	Low (<1%)
Lane_sch75	Lane_sch75A	Springfield SD 19	Riverbend Elementary School	Moderate	1997			58,000	395			FEMA154	B	RM1	3.6					RM1	3.6	Low (<1%)
Lane_sch42	Lane_sch42A	Springfield SD 19	Springfield High School	High	1968			268,866	1,577			FEMA154	B	C1	2.5					C1	2.5	Low (<1%)
Lane_sch38	Lane_sch38A	Springfield SD 19	Springfield Middle School	High	1950				293		Medium-yes	FEMA154	B	W2	3.3					W2	3.3	Low (<1%)
Lane_sch39	Lane_sch39A	Springfield SD 19	Thurston Elementary School	Moderate	1950			43,674	462			FEMA154	B	W2	4.8					W2	4.8	Low (<1%)
Lane_sch43	Lane_sch43A	Springfield SD 19	Thurston High School	Moderate	1959			290,210	1,514			FEMA154	B	RM1	3.6					RM1	3.6	Low (<1%)
Lane_sch40	Lane_sch40A	Springfield SD 19	Thurston Middle School	Moderate	1953			72,212	542			FEMA154	B	W2	4.8					W2	4.8	Low (<1%)
Lane_sch92	Lane_sch92A	Springfield SD 19	Walterville Elementary School	Moderate	1952	1952	1950	22,668	171	Medium-yes	Medium-yes	FEMA154	D	W2	0.1	RM1	(0.1)			RM1	(0.1)	Very High (100%)
Lane_sch92	Lane_sch92B	Springfield SD 19	Walterville Elementary School	Moderate	1952		1950	22,668	171	Medium-yes	Medium-yes	FEMA154	D	W2	0.1	RM1	(0.1)			RM1	(0.1)	Very High (100%)
Lane_sch41	Lane_sch41A	Springfield SD 19	Yolanda Elementary School	High	1963			45,121	426			FEMA154	B	W2	3.8					W2	3.8	Low (<1%)
Colu_sch06	Colu_sch06A	St Helens SD 502	Columbia City School	High	1929		1990	40,000	263	Medium-yes	Medium-yes	RVS2006	C	W2	3.3					W2	3.3	Low (<1%)
Colu_sch08	Colu_sch08A	St Helens SD 502	Lewis & Clark Elementary Schoo	High	2000			80,000	817			NEW	D		-							Low (<1%)
Colu_sch11	Colu_sch11A	St Helens SD 502	McBride Elementary School	High	1996			80,000	839			NEW	C		-							Low (<1%)
Colu_sch07	Colu_sch07A	St Helens SD 502	St Helens High School	High	1958	1958	1950	212,750	1,106	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Colu_sch07	Colu_sch07B	St Helens SD 502	St Helens High School	High	1958		1980	212,750	1,106	Medium-yes	Low-minor	RVS2006	C	W2	3.8	RM1	1.4	C2	1.4	RM1	1.4	Moderate (>1%)
Colu_sch07	Colu_sch07C	St Helens SD 502	St Helens High School	High	1958		1980	212,750	1,106	Medium-yes		RVS2006	C	W2	3.8	RM1	1.4	C2	1.4	RM1	1.4	Moderate (>1%)
Colu_sch07	Colu_sch07D	St Helens SD 502	St Helens High School	High	1958		1980	212,750	1,106		Medium-yes	RVS2006	C	C2	1.9	RM1	1.9			C2	1.9	Moderate (>1%)
Colu_sch07	Colu_sch07E	St Helens SD 502	St Helens High School	High	1958		1980	212,750	1,106	Medium-yes	Medium-yes	RVS2006	C	PC1	1.7					PC1	1.7	Moderate (>1%)
Colu_sch07	Colu_sch07F	St Helens SD 502	St Helens High School	High	1958		1980	212,750	1,106	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Colu_sch12	Colu_sch12A	St Helens SD 502	St Helens Middle School	High	1964		1960	77,099	542	Medium-yes	Medium-yes	RVS2006	C	W2	0.9	C2	0.9			W2	0.9	High (>10%)
Umat_sch17	Umat_sch17A	Stanfield SD 61	Stanfield Elementary School	Moderate	2001			46,000	319			NEW	B		-							Low (<1%)
Umat_sch18	Umat_sch18A	Stanfield SD 61	Stanfield Secondary School	Moderate	1979		1970	77,984	237	Medium-yes	Medium-yes	RVS2006	B	PC1	2.7					PC1	2.7	Low (<1%)
Doug_sch27	Doug_sch27A	Sutherlin SD 130	East Sutherlin Primary School	High	1944		1940	49,500	422	Low-minor	Low-minor	RVS2006	B	C2	2.8	W2	3.8			C2	2.8	Low (<1%)
Doug_sch30	Doug_sch30A	Sutherlin SD 130	Sutherlin High School	High	1945		1970	84,698	500	Medium-yes		RVS2006	B	RM1	1.8	S3	3.2			RM1	1.8	Moderate (>1%)
Doug_sch30	Doug_sch30B	Sutherlin SD 130	Sutherlin High School	High	1945		1960	84,698	500	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Doug_sch30	Doug_sch30C	Sutherlin SD 130	Sutherlin High School	High	1945		1940	84,698	500			RVS2006	B	W2	3.8					W2	3.8	Low (<1%)
Doug_sch30	Doug_sch30D	Sutherlin SD 130	Sutherlin High School	High	1945		1960	84,698	500			RVS2006	B	RM1	2.8					RM1	2.8	Low (<1%)
Doug_sch28	Doug_sch28A	Sutherlin SD 130	Sutherlin Middle School	High	1962		1960	25,836	232	Low-minor	Medium-yes	RVS2006	B	RM1	2.3					RM1	2.3	Low (<1%)
Doug_sch28	Doug_sch28B	Sutherlin SD 130	Sutherlin Middle School	High	1962		1960	25,836	232		Medium-yes	RVS2006	B	RM1	2.3					RM1	2.3	Low (<1%)
Doug_sch28	Doug_sch28C	Sutherlin SD 130	Sutherlin Middle School	High	1962		1960	25,836	232			RVS2006	B	RM1	2.8					RM1	2.8	Low (<1%)
Doug_sch28	Doug_sch28D	Sutherlin SD 130	Sutherlin Middle School	High	1962		1960	25,836	232		Medium-yes	RVS2006	B	RM1	2.3					RM1	2.3	Low (<1%)
Doug_sch28	Doug_sch28E	Sutherlin SD 130	Sutherlin Middle School	High	1962		1960	25,836	232	Medium-yes	Medium-yes	RVS2006	B	W2	1.3	RM1	1.3			W2	1.3	Moderate (>1%)
Doug_sch29	Doug_sch29A	Sutherlin SD 130	West Sutherlin Intermediate	High	1953		1950	34,065	377	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Doug_sch29	Doug_sch29B	Sutherlin SD 130	West Sutherlin Intermediate	High	1953		1950	34,065	349	Low-minor		RVS2006	B	W2	3.8					W2	3.8	Low (<1%)
Linn_sch15	Linn_sch15A	Sweet Home SD 55	Foster Elementary School	Moderate	1940		1950	39,030	408	Medium-yes	Medium-yes	RVS2006	D	W2	0.1					W2	0.1	High (>10%)
Linn_sch15	Linn_sch15B	Sweet Home SD 55	Foster Elementary School	Moderate	1940		1980	39,030	408			RVS2006	D	S3	2.8					S3	2.8	Low (<1%)
Linn_sch15	Linn_sch15C	Sweet Home SD 55	Foster Elementary School	Moderate	1940		1930	39,030	408			RVS2006	D	W2	3.4					W2	3.4	Low (<1%)
Linn_sch15	Linn_sch15D	Sweet Home SD 55	Foster Elementary School	Moderate	1940		1950	39,030	408			RVS2006	D	W1	4.6					W1	4.6	Low (<1%)
Linn_sch16	Linn_sch16A	Sweet Home SD 55	Hawthorne Elementary School	Moderate	1930		1940	24,293	343	Medium-yes	Medium-yes	RVS2006	D	W2	(0.1)					W2	(0.1)	Very High (100%)
Linn_sch16	Linn_sch16B	Sweet Home SD 55	Hawthorne Elementary School	Moderate	1930		1990	24,293	343			RVS2006	D	W2	5.2					W2	5.2	Low (<1%)
Linn_sch16	Linn_sch16C	Sweet Home SD 55	Hawthorne Elementary School	Moderate	1930		1980	24,293	343			RVS2006	D	W1	6.2					W1	6.2	Low (<1%)
Linn_sch17	Linn_sch17A	Sweet Home SD 55	Oak Heights Elementary School	Moderate	1955		1950	34,421	327	Medium-yes	Medium-yes	RVS2006	C	W2	0.5					W2	0.5	High (>10%)
Linn_sch17	Linn_sch17B	Sweet Home SD 55	Oak Heights Elementary School	Moderate	1955		1940	34,421	327	Low-minor		RVS2006	C	W2	4.0	RM1	2.8			RM1	2.8	Low (<1%)
Linn_sch17	Linn_sch17C	Sweet Home SD 55	Oak Heights Elementary School	Moderate	1955		1960	34,421	327			RVS2006	C	W1	5.0	RM1	2.8			RM1	2.8	Low (<1%)
Linn_sch19	Linn_sch19A	Sweet Home SD 55	Sweet Home High School	Moderate	1912		1940	175,849	823	Medium-yes	Medium-yes	RVS2006	D	C2	(0.5)					C2	(0.5)	Very High (100%)
Linn_sch19	Linn_sch19B	Sweet Home SD 55	Sweet Home High School	Moderate	1912		1970	175,849	823	Medium-yes	Medium-yes	RVS2006	D	RM2	0.2	RM1	(0.1)			RM1	(0.1)	Very High (100%)
Linn_sch18	Linn_sch18A	Sweet Home SD 55	Sweet Home Junior High School	Moderate	1962	1962	1960	53,512	394	Medium-yes	Medium-yes	RVS2006	C	S1	0.5	W2	0.5			S1	0.5	High (>10%)
Linn_sch18	Linn_sch18B	Sweet Home SD 55	Sweet Home Junior High School	Moderate	1962		1960	53,512	394	Medium-yes	Medium-yes	RVS2006	C	C2	0.3	S4	0.3			C2	0.3	High (>10%)
Linn_sch18	Linn_sch18C	Sweet Home SD 55	Sweet Home Junior High School	Moderate	1962		1970	53,512	394			RVS2006	C	W1	5.0					W1	5.0	Low (<1%)
Linn_sch18	Linn_sch18D	Sweet Home SD 55	Sweet Home Junior High School	Moderate	1962		1970	53,512	394	Medium-yes	Medium-yes	RVS2006	C	W2	0.5					W2	0.5	High (>10%)
Jack_sch53	Jack_sch53A	Three Rivers/Josephine	Applegate Elementary School	High	1912		1910	23,759	137	Low-minor	Medium-yes	RVS2006	C	URM	0.7	W1	3.9			URM	0.7	High (>10%)
Jack_sch53	Jack_sch53B	Three Rivers/Josephine	Applegate Elementary School	High	1912		1950	23,759	137	Medium-yes	Medium-yes	RVS2006	C	W2	0.9	RM1	0.9			W2	0.9	High (>10%)
Jack_sch53	Jack_sch53C	Three Rivers/Josephine	Applegate Elementary School	High	1912	1981	1980	23,759	137			RVS2006	C	RM1	2.4					RM1	2.4	Low (<1%)
Jose_sch07	Jose_sch07A	Three Rivers/Josephine	Evergreen Elementary School	High	1967	1967	1960	59,342	469			RVS2006	D	RM1	2.2					RM1	2.2	Low (<1%)
Jose_sch07	Jose_sch07B	Three Rivers/Josephine	Evergreen Elementary School	High	1967		1960	59,342	469			RVS2006	D	W2	3.0					W2	3.0	Low (<1%)
Jose_sch07	Jose_sch07C	Three Rivers/Josephine	Evergreen Elementary School	High	1967		1960	59,342	469		Medium-yes	RVS2006	D	RM1	1.7					RM1	1.7	Moderate (>1%)
Jose_sch07	Jose_sch07D	Three Rivers/Josephine	Evergreen Elementary School	High	1967		1960	59,342	469	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Jose_sch07	Jose_sch07E	Three Rivers/Josephine	Evergreen Elementary School	High	1967		1960	59,342	469			RVS2006	D	RM1	2.2					RM1	2.2	Low (<1%)
Jose_sch08	Jose_sch08A	Three Rivers/Josephine	Fleming Middle School	High	1962		1960	76,245	485			RVS2006	C	RM1	2.4					RM1	2.4	Low (<1%)
Jose_sch08	Jose_sch08B	Three Rivers/Josephine	Fleming Middle School	High	1962		1960	76,245	485	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	W2	0.9			RM1	0.9	High (>10%)
Jose_sch08	Jose_sch08C	Three Rivers/Josephine	Fleming Middle School	High	1962		1960	76,245	485			RVS2006	C	RM1	2.4					RM1	2.4	Low (<1%)
Jose_sch08	Jose_sch08D	Three Rivers/Josephine	Fleming Middle School	High	1962		1960	76,245	485			RVS2006	C	RM1	2.4					RM1	2.4	Low (<1%)
Jose_sch08	Jose_sch08E	Three Rivers/Josephine	Fleming Middle School	High	1962		1960	76,245	485			RVS2006	C	RM1	2.4					RM1	2.4	Low (<1%)
Jose_sch08	Jose_sch08F	Three Rivers/Josephine	Fleming Middle School	High	1962		1960	76,245	485			RVS2006	C	RM1	2.4					RM1	2.4	Low (<1%)

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Jose_sch09	Jose_sch09A	Three Rivers/Josephine	Fruitdale Elementary School	High	2003			31,109	300			NEW	C		-							Low (<1%)
Jose_sch10	Jose_sch10A	Three Rivers/Josephine	Ft Vannoy Elementary School	High	1967		1950	40,100	308	Medium-yes	Medium-yes	RVS2006	D	W2	0.5	RM1	0.7			W2	0.5	High (>10%)
Jose_sch10	Jose_sch10B	Three Rivers/Josephine	Ft Vannoy Elementary School	High	1967		1970	40,100	308		Medium-yes	RVS2006	D	RM1	1.7					RM1	1.7	Moderate (>1%)
Jose_sch10	Jose_sch10C	Three Rivers/Josephine	Ft Vannoy Elementary School	High	1967		1970	40,100	308	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Jose_sch15	Jose_sch15A	Three Rivers/Josephine	Hidden Valley High School	High	1976	1976	1970	145,600	858	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Jose_sch16	Jose_sch16A	Three Rivers/Josephine	Illinois Valley High School	High	1976	1976	1970	99,804	468	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Jose_sch11	Jose_sch11A	Three Rivers/Josephine	Jerome Prairie Elementary Schoo	High	1938		1930	30,838	256		Medium-yes	RVS2006	B	W2	2.3	RM1	1.3			RM1	1.3	Moderate (>1%)
Jose_sch11	Jose_sch11B	Three Rivers/Josephine	Jerome Prairie Elementary Schoo	High	1938		1950	30,838	256			RVS2006	B	RM1	2.8					RM1	2.8	Low (<1%)
Jose_sch11	Jose_sch11C	Three Rivers/Josephine	Jerome Prairie Elementary Schoo	High	1938		1950	30,838	256			RVS2006	B	RM1	2.8					RM1	2.8	Low (<1%)
Jose_sch11	Jose_sch11D	Three Rivers/Josephine	Jerome Prairie Elementary Schoo	High	1938		1930	30,838	256	Medium-yes	Medium-yes	RVS2006	B	W2	0.3					W2	0.3	High (>10%)
Jose_sch12	Jose_sch12A	Three Rivers/Josephine	Lincoln Savage Middle School	High	1962	1962	1960	71,583	502			RVS2006	D	RM1	2.2					RM1	2.2	Low (<1%)
Jose_sch12	Jose_sch12B	Three Rivers/Josephine	Lincoln Savage Middle School	High	1962		1960	71,583	502			RVS2006	D	RM1	2.2					RM1	2.2	Low (<1%)
Jose_sch12	Jose_sch12C	Three Rivers/Josephine	Lincoln Savage Middle School	High	1962		1960	71,583	502		Medium-yes	RVS2006	D	RM1	1.7					RM1	1.7	Moderate (>1%)
Jose_sch12	Jose_sch12D	Three Rivers/Josephine	Lincoln Savage Middle School	High	1962		1960	71,583	502	Low-minor	Medium-yes	RVS2006	D	RM1	1.7	W2	2.5			RM1	1.7	Moderate (>1%)
Jose_sch12	Jose_sch12E	Three Rivers/Josephine	Lincoln Savage Middle School	High	1962		1960	71,583	502			RVS2006	D	RM1	2.2					RM1	2.2	Low (<1%)
Jose_sch12	Jose_sch12F	Three Rivers/Josephine	Lincoln Savage Middle School	High	1962		1960	50,952	502			RVS2006	D	RM1	2.2					RM1	2.2	Low (<1%)
Jose_sch12	Jose_sch12G	Three Rivers/Josephine	Lincoln Savage Middle School	High	1962		1960	71,583	502			RVS2006	D	RM1	2.2					RM1	2.2	Low (<1%)
Jose_sch13	Jose_sch13A	Three Rivers/Josephine	Lorna Byrne Middle School	High	1950		1940	57,418	338	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Jose_sch19	Jose_sch19A	Three Rivers/Josephine	Madrona Elementary School	High	1967	1967	1960	37,816	299	Medium-yes		RVS2006	B	RM1	1.8					RM1	1.8	Moderate (>1%)
Jose_sch19	Jose_sch19B	Three Rivers/Josephine	Madrona Elementary School	High	1967		1960	37,816	299			RVS2006	B	RM1	2.8					RM1	2.8	Low (<1%)
Jose_sch19	Jose_sch19C	Three Rivers/Josephine	Madrona Elementary School	High	1967		1960	37,816	299		Medium-yes	RVS2006	B	RM1	2.3					RM1	2.3	Low (<1%)
Jose_sch19	Jose_sch19D	Three Rivers/Josephine	Madrona Elementary School	High	1967		1960	37,816	299		Medium-yes	RVS2006	B	RM1	2.3					RM1	2.3	Low (<1%)
Jose_sch19	Jose_sch19E	Three Rivers/Josephine	Madrona Elementary School	High	1967	1986	1980	37,816	299		Medium-yes	RVS2006	B	RM1	2.3					RM1	2.3	Low (<1%)
Jose_sch14	Jose_sch14A	Three Rivers/Josephine	Manzanita Elementary School	High	1967	1967	1960	48,649	385			RVS2006	C	RM1	2.4					RM1	2.4	Low (<1%)
Jose_sch14	Jose_sch14B	Three Rivers/Josephine	Manzanita Elementary School	High	1967		1960	48,649	385	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Jose_sch14	Jose_sch14C	Three Rivers/Josephine	Manzanita Elementary School	High	1967		1960	48,649	385		Medium-yes	RVS2006	C	RM1	1.9					RM1	1.9	Moderate (>1%)
Jose_sch14	Jose_sch14D	Three Rivers/Josephine	Manzanita Elementary School	High	1967		1990	48,649	385			RVS2006	C	W1	6.8					W1	6.8	Low (<1%)
Jose_sch17	Jose_sch17A	Three Rivers/Josephine	North Valley High School	High	1976	1976	1970	136,157	732	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Wash_sch115	Wash_sch115A	Tigard-Tualatin SD 23J	Alberta Rider Elementary School	High	2005				424			NEW	B		-							Low (<1%)
Wash_sch28	Wash_sch28A	Tigard-Tualatin SD 23J	Bridgeport Elementary School	High	1982	1982	1980	64,513	500	Medium-yes	Medium-yes	RVS2006	D	W2	2.9	C2	0.7			C2	0.7	High (>10%)
Wash_sch28	Wash_sch28B	Tigard-Tualatin SD 23J	Bridgeport Elementary School	High	1982	1986	1980	64,513	500	Medium-yes	Medium-yes	RVS2006	D	PC1	1.5	W2	2.9			PC1	1.5	Moderate (>1%)
Wash_sch29	Wash_sch29A	Tigard-Tualatin SD 23J	Charles F Tigard Elementary Sch	High	2004			67,000	605			NEW	C		-							Low (<1%)
Wash_sch96	Wash_sch96A	Tigard-Tualatin SD 23J	Deer Creek Elementary School	High	1997			61,380	563			NEW	C		-							Low (<1%)
Wash_sch31	Wash_sch31A	Tigard-Tualatin SD 23J	Durham Elementary School	High	1989		1980	63,175	532	Medium-yes	Medium-yes	RVS2006	D	W2	2.9	C2	0.7			C2	0.7	High (>10%)
Wash_sch31	Wash_sch31B	Tigard-Tualatin SD 23J	Durham Elementary School	High	1989		1980	63,175	532	Medium-yes	Medium-yes	RVS2006	D	PC1	1.5					PC1	1.5	Moderate (>1%)
Wash_sch34	Wash_sch34A	Tigard-Tualatin SD 23J	Edward Byrom Elementary Schoo	High	1980		1980	59,435	661	Medium-yes	Medium-yes	RVS2006	B	W2	3.7	C2	1.3			C2	1.3	Moderate (>1%)
Wash_sch34	Wash_sch34B	Tigard-Tualatin SD 23J	Edward Byrom Elementary Schoo	High	1980		1970	59,435	661	Medium-yes	Medium-yes	RVS2006	B	C2	1.3					C2	1.3	Moderate (>1%)
Wash_sch87	Wash_sch87A	Tigard-Tualatin SD 23J	Hazelbrook Middle School	High	1992			104,200	1,010			*MISSED*	D		-							Low (<1%)
Wash_sch30	Wash_sch30A	Tigard-Tualatin SD 23J	Mary Woodward Elementary Sch	High	1980		1980	48,798	537	Medium-yes	Medium-yes	RVS2006	C	W2	3.3	C2	0.9			C2	0.9	High (>10%)
Wash_sch30	Wash_sch30B	Tigard-Tualatin SD 23J	Mary Woodward Elementary Sch	High	1980		1980	48,798	537	Medium-yes	Medium-yes	RVS2006	C	PC1	1.7	W2	3.3			PC1	1.7	Moderate (>1%)
Wash_sch32	Wash_sch32A	Tigard-Tualatin SD 23J	James Templeton Elementary Sc	High	1979	1966	1960	65,750	537	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Wash_sch32	Wash_sch32B	Tigard-Tualatin SD 23J	James Templeton Elementary Sc	High	1979		1980	65,750	537	Medium-yes	Medium-yes	RVS2006	C	PC1	1.7					PC1	1.7	Moderate (>1%)
Wash_sch32	Wash_sch32C	Tigard-Tualatin SD 23J	James Templeton Elementary Sc	High	1979		1990	65,750	537	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Wash_sch32	Wash_sch32D	Tigard-Tualatin SD 23J	James Templeton Elementary Sc	High	1979		1960	65,750	537		Medium-yes	RVS2006	C	C2	1.9					C2	1.9	Moderate (>1%)
Wash_sch32	Wash_sch32E	Tigard-Tualatin SD 23J	James Templeton Elementary Sc	High	1979		1960	65,750	537		Medium-yes	RVS2006	C	C2	1.9					C2	1.9	Moderate (>1%)
Wash_sch33	Wash_sch33A	Tigard-Tualatin SD 23J	Metzger Elementary School	High	2004			67,000	578			NEW	C		-							Low (<1%)
Wash_sch36	Wash_sch36A	Tigard-Tualatin SD 23J	Thomas R Fowler Middle School	High	1974	1974	1970	124,488	935	Medium-yes	Medium-yes	RVS2006	C	W2	0.9	S1	0.9			W2	0.9	High (>10%)
Wash_sch36	Wash_sch36B	Tigard-Tualatin SD 23J	Thomas R Fowler Middle School	High	1974	1974	1970	124,488	935	Medium-yes	Medium-yes	RVS2006	C	S4	0.9					S4	0.9	High (>10%)
Wash_sch38	Wash_sch38A	Tigard-Tualatin SD 23J	Tigard High School	High	1985		1960	304,439	2,005	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	C2	0.9			RM1	0.9	High (>10%)
Wash_sch38	Wash_sch38B	Tigard-Tualatin SD 23J	Tigard High School	High	1985		1960	304,439	2,005	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	W2	0.9			C2	0.9	High (>10%)
Wash_sch38	Wash_sch38C	Tigard-Tualatin SD 23J	Tigard High School	High	1985		1960	304,439	2,005	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Wash_sch38	Wash_sch38D	Tigard-Tualatin SD 23J	Tigard High School	High	1985		1960	304,439	2,005	Medium-yes	Medium-yes	RVS2006	C	PC2	0.5	C2	0.9	PC1	1.7	PC2	0.5	High (>10%)
Wash_sch38	Wash_sch38E	Tigard-Tualatin SD 23J	Tigard High School	High	1985		1990	304,439	2,005	Medium-yes	Medium-yes	RVS2006	C	C2	3.3	S2	0.6			S2	0.6	High (>10%)
Wash_sch38	Wash_sch38F	Tigard-Tualatin SD 23J	Tigard High School	High	1985		1970	304,439	2,005	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	PC1	1.7			C2	0.9	High (>10%)
Wash_sch38	Wash_sch38G	Tigard-Tualatin SD 23J	Tigard High School	High	1985		1960	304,439	2,005	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Wash_sch38	Wash_sch38H	Tigard-Tualatin SD 23J	Tigard High School	High	1985		1980	304,439	2,005	High	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Wash_sch38	Wash_sch38I	Tigard-Tualatin SD 23J	Tigard High School	High	1985		1960	304,439	2,005	Low-minor		RVS2006	C	PC1	2.2	C2	2.4			PC1	2.2	Low (<1%)
Wash_sch38	Wash_sch38J	Tigard-Tualatin SD 23J	Tigard High School	High	1985		1980	304,439	2,005	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Wash_sch38	Wash_sch38K	Tigard-Tualatin SD 23J	Tigard High School	High	1985		1970	304,439	2,005	Medium-yes		RVS2006	C	C2	1.4					C2	1.4	Moderate (>1%)
Wash_sch38	Wash_sch38L	Tigard-Tualatin SD 23J	Tigard High School	High	1985		1970	304,439	2,005	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Wash_sch38	Wash_sch38M	Tigard-Tualatin SD 23J	Tigard High School	High	1985		1960	304,439	2,005	Medium-yes	Low-minor	RVS2006	C	C2	1.4	PC1	2.2			C2	1.4	Moderate (>1%)
Wash_sch35	Wash_sch35A	Tigard-Tualatin SD 23J	Tualatin Elementary School	High	2004			67,000	537			NEW	D		-							Low (<1%)
Wash_sch88	Wash_sch88A	Tigard-Tualatin SD 23J	Tualatin High School	High	1998			255,636	1,791			NEW	B		-							Low (<1%)
Wash_sch37	Wash_sch37A	Tigard-Tualatin SD 23J	Twality Middle School	High	1950		1960	113,954	888	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	PC1	1.7			C2	0.9	High (>10%)
Wash_sch37	Wash_sch37B	Tigard-Tualatin SD 23J	Twality Middle School	High	1950		1970	113,954	888	Medium-yes	Medium-yes	RVS2006	C	PC1	1.7					PC1	1.7	Moderate (>1%)
Till_sch10	Till_sch10A	Tillamook SD 9	East Elementary School	Very High	1953	1953	1950	51,796	461	Medium-yes	Medium-yes	SER & RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Till_sch10	Till_sch10B	Tillamook SD 9	East Elementary School	Very High	1953		1950	51,796	461	Medium-yes		SER & RVS2006	D	W2	1.0					W2	1.0	High (>10%)
Till_sch10	Till_sch10C	Tillamook SD 9	East Elementary School	Very High	1953		1950	51,796	461		Low-minor	SER & RVS2006	D	W2	3.0					W2	3.0	Low (<1%)
Till_sch11	Till_sch11A	Tillamook SD 9	Liberty Elementary School	Very High	1961		1960	26,500	201	Medium-yes	Medium-yes	SER & RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Till_sch11	Till_sch11B	Tillamook SD 9	Liberty Elementary School	Very High	1961		1980	26,500	201	Low-minor	Medium-yes	SER & RVS2006	D	W2	4.9					W2	4.9	Low (<1%)
Till_sch11	Till_sch11C	Tillamook SD 9	Liberty Elementary School	Very High	1961		1920	26,500	201	Medium-yes	Low-minor	SER & RVS2006	D	W2	(0.0)					W2	(0.0)	Very High (100%)
Till_sch01	Till_sch01A	Tillamook SD 9	South Prairie Elementary School	Very High	1980	1980	1980	36,051	339	Medium-yes	Medium-yes	SER & RVS2006	D	W2	2.9					W2	2.9	Low (<1%)
Till_sch03	Till_sch03A	Tillamook SD 9	Tillamook High School	Very High	1951	1951	1950	161,977	744	Medium-yes	Medium-yes	SER & RVS2006	D	W2	0.5	C2	0.7	RM1	0.7	W2	0.5	High (>10%)
Till_sch03	Till_sch03B	Tillamook SD 9	Tillamook High School	Very High	1951		1960	161,977	744			SER & RVS2006	D	W2	3.0					W2	3.0	Low (<1%)
Till_sch03	Till_sch03C	Tillamook SD 9	Tillamook High School	Very High	1951	1982	1980	161,977	744			SER & RVS2006	D	PC1	2.0					PC1	2.0	Moderate (>1%)

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Till_sch03	Till_sch03D	Tillamook SD 9	Tillamook High School	Very High	1951		1980	161,977	744	Low-minor	Low-minor	SER & RVS2006	D	W2	5.4					W2	5.4	Low (<1%)
Till_sch02	Till_sch02A	Tillamook SD 9	Tillamook Junior High School	Very High	1963	1963	1960	63,043	345	Medium-yes	Medium-yes	SER & RVS2006	D	W2	0.5	RM1	0.7			W2	0.5	High (>10%)
Umat_sch27	Umat_sch27A	Umatilla SD 6R	Clara Brownell Middle School	Moderate	1915		1950	90,515	298	Medium-yes	Medium-yes	RVS2006	C	C2	0.3					C2	0.3	High (>10%)
Umat_sch27	Umat_sch27B	Umatilla SD 6R	Clara Brownell Middle School	Moderate	1915		1950		298	Medium-yes	Medium-yes	RVS2006	C	C2	0.3					C2	0.3	High (>10%)
Umat_sch01	Umat_sch01A	Umatilla SD 6R	McNary Heights Elementary Sch	Moderate	1975		1970	44,779	606	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Umat_sch02	Umat_sch02A	Umatilla SD 6R	Umatilla High School	Moderate	1999			84,428	362			NEW	C		-							Low (<1%)
Unio_sch04	Unio_sch04A	Union SD 5	Union Elementary School	Moderate	1929		1950	48,303	240	Medium-yes	Medium-yes	RVS2006	C	W2	0.5					W2	0.5	High (>10%)
Unio_sch04	Unio_sch04B	Union SD 5	Union Elementary School	Moderate	1929		1960		240	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3	W2	0.5			RM1	0.3	High (>10%)
Unio_sch04	Unio_sch04C	Union SD 5	Union Elementary School	Moderate	1929		1930		240		Medium-yes	RVS2006	C	C2	1.9	URM	2.1			C2	1.9	Moderate (>1%)
Unio_sch05	Unio_sch05A	Union SD 5	Union High School	Moderate	1905		1910	53,385	218	Medium-yes	Medium-yes	RVS2006	C	URM	0.6					URM	0.6	High (>10%)
Unio_sch05	Unio_sch05B	Union SD 5	Union High School	Moderate	1905		1940	53,385	218	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)	RM1	(0.1)			C2	(0.1)	Very High (100%)
Malh_sch06	Malh_sch06A	Vale SD 84	Vale Elementary School	Moderate	1954		2000	52,900	420			RVS2006	D	W2	5.2					W2	5.2	Low (<1%)
Malh_sch06	Malh_sch06B	Vale SD 84	Vale Elementary School	Moderate	1954		1950		420	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	C2	(0.1)	URM	0.6	C2	(0.1)	Very High (100%)
Malh_sch06	Malh_sch06C	Vale SD 84	Vale Elementary School	Moderate	1954		2000		420		Medium-yes	RVS2006	D	RM1	3.9	W2	4.7			RM1	3.9	Low (<1%)
Malh_sch06	Malh_sch06D	Vale SD 84	Vale Elementary School	Moderate	1954		1950		420		Medium-yes	RVS2006	D	C2	1.9	W2	3.1			C2	1.9	Moderate (>1%)
Malh_sch06	Malh_sch06E	Vale SD 84	Vale Elementary School	Moderate	1954		1970		420	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)	W2	0.1			C2	(0.1)	Very High (100%)
Malh_sch11	Malh_sch11A	Vale SD 84	Vale High School	Moderate	1958	1958	1950	71,503	335	Medium-yes		RVS2006	D	W2	0.6	RM1	0.4			RM1	0.4	High (>10%)
Malh_sch11	Malh_sch11B	Vale SD 84	Vale High School	Moderate	1958		1960	71,503	335	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Malh_sch11	Malh_sch11C	Vale SD 84	Vale High School	Moderate	1958		1990	71,503	335	Low-minor		RVS2006	D	C2	4.0	RM1	2.4			RM1	2.4	Low (<1%)
Malh_sch12	Malh_sch12A	Vale SD 84	Vale Middle School	Moderate	1950		1950	13,035	121	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)					C2	(0.1)	Very High (100%)
Malh_sch12	Malh_sch12B	Vale SD 84	Vale Middle School	Moderate	1950		1980	13,035	121	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)	RM1	(0.1)			C2	(0.1)	Very High (100%)
Colu_sch13	Colu_sch13A	Vernonia SD 47J	Vernonia High School	High	1950			42,670	241			SER	C	W2	0.9					W2	0.9	High (>10%)
Colu_sch18	Colu_sch18A	Vernonia SD 47J	Vernonia Middle School	High	2005				166			NEW	C		-							Low (<1%)
Colu_sch05	Colu_sch05A	Vernonia SD 47J	Washington Elementary School	High	1930			56,068	296			SER	C	URM	(0.3)					URM	(0.3)	Very High (100%)
Wall_sch02	Wall_sch02A	Wallowa SD 12	Wallowa Elementary School	Moderate	1922		1920	43,098	143	Medium-yes	Medium-yes	RVS2006	D	URM	0.2					URM	0.2	High (>10%)
Wall_sch02	Wall_sch02B	Wallowa SD 12	Wallowa Elementary School	Moderate	1922		1940	43,098	143	Medium-yes	Medium-yes	RVS2006	D	C2	(0.5)					C2	(0.5)	Very High (100%)
Wall_sch02	Wall_sch02C	Wallowa SD 12	Wallowa Elementary School	Moderate	1922		1950	43,098	143			RVS2006	D	RM1	2.4					RM1	2.4	Low (<1%)
Wall_sch02	Wall_sch02D	Wallowa SD 12	Wallowa Elementary School	Moderate	1922		1940	43,098	143	Medium-yes	Medium-yes	RVS2006	D	W2	(0.1)					W2	(0.1)	Very High (100%)
Wall_sch02	Wall_sch02E	Wallowa SD 12	Wallowa Elementary School	Moderate	1922		1950	43,098	143	Medium-yes	Medium-yes	RVS2006	D	W2	0.1					W2	0.1	High (>10%)
Clat_sch08	Clat_sch08A	Warrenton-Hammond S	Warrenton Grade School	Very High	1980	1980	1980	85,000	546	Medium-yes	Medium-yes	RVS2006	D	W2	2.9					W2	2.9	Low (<1%)
Clat_sch09	Clat_sch09A	Warrenton-Hammond S	Warrenton High School	Very High	1945		1940	35,000	259	Medium-yes	Medium-yes	RVS2006	D	C2	0.7					C2	0.7	High (>10%)
Clat_sch09	Clat_sch09B	Warrenton-Hammond S	Warrenton High School	Very High	1945		1960	35,000	259	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Clat_sch09	Clat_sch09C	Warrenton-Hammond S	Warrenton High School	Very High	1945		1960	35,000	259	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Clac_sch73	Clac_sch73A	West Linn-Wilsonville S	Athey Creek Middle School	High	1990				576			*MISSED*	D		-							Low (<1%)
Clac_sch71	Clac_sch71A	West Linn-Wilsonville S	Boeckman Creek Primary School	High	1989			71,222	583			*MISSED*	C		-							Low (<1%)
Clac_sch82	Clac_sch82A	West Linn-Wilsonville S	Bolton Primary School	High	1955	1950	1950	55,718	328	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3	W2	1.3			RM1	1.3	Moderate (>1%)
Clac_sch82	Clac_sch82B	West Linn-Wilsonville S	Bolton Primary School	High	1955		1950	55,718	328	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3	W2	1.3			RM1	1.3	Moderate (>1%)
Clac_sch84	Clac_sch84A	West Linn-Wilsonville S	Boones Ferry Primary School	High	2001			76,000	760			NEW	C		-							Low (<1%)
Clac_sch85	Clac_sch85A	West Linn-Wilsonville S	Cedaroak Park Primary School	High	1958			-	390			*MISSED*	C		-							High (>10%)
Clac_sch92	Clac_sch92A	West Linn-Wilsonville S	Inza R Wood Middle School	High	1980	1980	1980	77,210	619	Medium-yes	Medium-yes	RVS2006	C	W2	3.3	RM1	0.9			RM1	0.9	High (>10%)
Clac_sch92	Clac_sch92B	West Linn-Wilsonville S	Inza R Wood Middle School	High	1980		1980	77,210	619	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Clac_sch79	Clac_sch79A	West Linn-Wilsonville S	Rosemont Ridge Middle School	High	1999			96,000	671			NEW	B		-							Low (<1%)
Clac_sch93	Clac_sch93A	West Linn-Wilsonville S	Stafford Primary School	High	1967		1960	71,407	577	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	W2	0.5			W2	0.5	High (>10%)
Clac_sch01	Clac_sch01A	West Linn-Wilsonville S	Sunset Primary School	High	1941		1950	49,063	467	Medium-yes	Medium-yes	RVS2006	B	C2	1.3					C2	1.3	Moderate (>1%)
Clac_sch01	Clac_sch01B	West Linn-Wilsonville S	Sunset Primary School	High	1941		1940	49,063	467	Medium-yes	Medium-yes	RVS2006	B	W2	0.3					W2	0.3	High (>10%)
Clac_sch01	Clac_sch01C	West Linn-Wilsonville S	Sunset Primary School	High	1941		1960	49,063	467	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Clac_sch02	Clac_sch02A	West Linn-Wilsonville S	West Linn High School	High	1999			190,000	1,513			NEW	B		-							Low (<1%)
Clac_sch72	Clac_sch72A	West Linn-Wilsonville S	Willamette Primary School	High	1949	1950	1950	73,873	594	Medium-yes	Medium-yes	RVS2006	D	C2	0.7	RM1	0.7			C2	0.7	High (>10%)
Clac_sch72	Clac_sch72B	West Linn-Wilsonville S	Willamette Primary School	High	1949		1960	73,873	594	Medium-yes	Medium-yes	RVS2006	D	W2	0.5	RM1	0.7			W2	0.5	High (>10%)
Clac_sch77	Clac_sch77A	West Linn-Wilsonville S	Wilsonville High School	High	1992			157,169	968			*MISSED*	C		-							Low (<1%)
Yamh_sch07	Yamh_sch07A	Willamina SD 30J	Willamina Elementary School	High	1980	1981	1980		411	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Yamh_sch07	Yamh_sch07B	Willamina SD 30J	Willamina Elementary School	High	1980	1980	1980		411	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Yamh_sch09	Yamh_sch09A	Willamina SD 30J	Willamina High School	High	1980	1981	1980	45,000	340	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Yamh_sch09	Yamh_sch09B	Willamina SD 30J	Willamina High School	High	1980	1980	1980	45,000	340	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Polk_sch19	Polk_sch19A	Willamina SD 30J	Willamina Middle School at Gran	High	1981		1980	94,000	201	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	W2	3.3	C2	0.9	RM1	0.9	High (>10%)
Doug_sch31	Doug_sch31A	Winston-Dillard SD 116	Brockway Elementary School	High	2003				367			NEW	C		-							Low (<1%)
Doug_sch26	Doug_sch26A	Winston-Dillard SD 116	Douglas High School	High	1956		1950	64,393	481	Medium-yes	Medium-yes	RVS2006	C	PC1	1.7	C2	0.9			C2	0.9	High (>10%)
Doug_sch26	Doug_sch26B	Winston-Dillard SD 116	Douglas High School	High	1956		1950	64,393	481	Low-minor	Medium-yes	RVS2006	C	PC1	1.7	C2	1.9	W2	2.9	PC1	1.7	Moderate (>1%)
Doug_sch26	Doug_sch26C	Winston-Dillard SD 116	Douglas High School	High	1956		1950	64,393	481	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	W2	0.9	PC1	1.7	C2	0.9	High (>10%)
Doug_sch26	Doug_sch26D	Winston-Dillard SD 116	Douglas High School	High	1956		2000	64,393	481		Medium-yes	RVS2006	C	W2	5.3					W2	5.3	Low (<1%)
Doug_sch26	Doug_sch26E	Winston-Dillard SD 116	Douglas High School	High	1956		1980	64,393	481			RVS2006	C	W1	6.8					W1	6.8	Low (<1%)
Doug_sch26	Doug_sch26F	Winston-Dillard SD 116	Douglas High School	High	1956		1970	64,393	481			RVS2006	C	PC1	2.2					PC1	2.2	Low (<1%)
Doug_sch38	Doug_sch38A	Winston-Dillard SD 116	Lookingglass Elementary School	High	1924		1930	38,700	181	Medium-yes	Medium-yes	RVS2006	C	W2	(0.1)					W2	(0.1)	Very High (100%)
Doug_sch38	Doug_sch38B	Winston-Dillard SD 116	Lookingglass Elementary School	High	1924		1960	38,700	181			RVS2006	C	W2	3.4					W2	3.4	Low (<1%)
Doug_sch35	Doug_sch35A	Winston-Dillard SD 116	McGovern Elementary School	High	1959		1950	55,417	254	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Doug_sch35	Doug_sch35B	Winston-Dillard SD 116	McGovern Elementary School	High	1959		1960	55,417	254		Medium-yes	RVS2006	C	W2	2.9					W2	2.9	Low (<1%)
Doug_sch25	Doug_sch25A	Winston-Dillard SD 116	Winston Middle School	High	1966		1950	56,534	255	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Doug_sch25	Doug_sch25B	Winston-Dillard SD 116	Winston Middle School	High	1966		1950	56,534	255	Medium-yes	Medium-yes	RVS2006	C	PC1	1.7	C2	0.9			C2	0.9	High (>10%)
Doug_sch25	Doug_sch25C	Winston-Dillard SD 116	Winston Middle School	High	1966		1980	56,534	255		Medium-yes	RVS2006	C	W2	5.3					W2	5.3	Low (<1%)
Mari_sch65	Mari_sch65A	Woodburn SD 103	French Prairie Middle School	High	1950			87,709	561			SER	D	W2	0.5					W2	0.5	High (>10%)
Mari_sch69	Mari_sch69A	Woodburn SD 103	Heritage Elementary	High	1997			63,500	747			NEW	D		-							Low (<1%)
Mari_sch64	Mari_sch64A	Woodburn SD 103	Lincoln Elementary School	High	1963			60,383	628			SER	D	URM	(0.3)					URM	(0.3)	Very High (100%)
Mari_sch55	Mari_sch55A	Woodburn SD 103	Nellie Muir Elementary School	High	1963			44,162	448			SER	D	W2	0.5					W2	0.5	High (>10%)
Mari_sch70	Mari_sch70A	Woodburn SD 103	Valor Middle School	High	1997			77,000	531			NEW	D		-							Low (<1%)
Mari_sch56	Mari_sch56A	Woodburn SD 103	Washington Elementary School	High	1916			54,712	557			SER	D	W2	(0.5)					W2	(0.5)	Very High (100%)

Project Facility Tracking Data:		Public K12	Individual Public K12	USGS	ODE	Field	Estimate	Facility	Students			DOGAMI	NEHRP	Primary		Secondary		Tertiary		Type		FEMA 154-Based
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Yr Built	Plaque	Decade	Sq Ft	Enrolled	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	First	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Mari_sch57	Mari_sch57A	Woodburn SD 103	Woodburn High School	High	1976			196,964	1,316			SER	D	**PC1**	**1.5**					**PC1**	**1.5**	Moderate (>1%)
Yamh_sch02	Yamh_sch02A	Yamhill-Carlton SD 1	Carlton Elementary School	High	1952		1950	39,480	350	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Yamh_sch02	Yamh_sch02B	Yamhill-Carlton SD 1	Carlton Elementary School	High	1952		1980	39,480	350			RVS2006	C	**RM1**	**2.4**					**RM1**	**2.4**	Low (<1%)
Yamh_sch02	Yamh_sch02C	Yamhill-Carlton SD 1	Carlton Elementary School	High	1952		1950	39,480	350	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**	RM1	0.9			**W2**	**0.9**	High (>10%)
Yamh_sch03	Yamh_sch03A	Yamhill-Carlton SD 1	Yamhill Grade School	High	1949		1940	59,503	425		Medium-yes	RVS2006	C	W2	2.9	**RM1**	**1.9**			**RM1**	**1.9**	Moderate (>1%)
Yamh_sch03	Yamh_sch03B	Yamhill-Carlton SD 1	Yamhill Grade School	High	1949		1970	59,503	425		Medium-yes	RVS2006	C	**W2**	**2.9**					**W2**	**2.9**	Low (<1%)
Yamh_sch03	Yamh_sch03C	Yamhill-Carlton SD 1	Yamhill Grade School	High	1949		1940	59,503	425	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Yamh_sch03	Yamh_sch03D	Yamhill-Carlton SD 1	Yamhill Grade School	High	1949		1980	59,503	425		Medium-yes	RVS2006	C	**W2**	**5.3**					**W2**	**5.3**	Low (<1%)
Yamh_sch03	Yamh_sch03E	Yamhill-Carlton SD 1	Yamhill Grade School	High	1949		1980	59,503	425			RVS2006	C	**W1**	**6.8**					**W1**	**6.8**	Low (<1%)
Yamh_sch18	Yamh_sch18A	Yamhill-Carlton SD 1	Yamhill-Carlton High School	High	1935		1950	64,037	438			RVS2006	C	**W2**	**3.4**					**W2**	**3.4**	Low (<1%)
Yamh_sch18	Yamh_sch18B	Yamhill-Carlton SD 1	Yamhill-Carlton High School	High	1935		1970	64,037	438		Medium-yes	RVS2006	C	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Doug_sch19	Doug_sch19A	Yoncalla SD 32	Yoncalla Elementary School	High	1952		1970	42,066	223	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Doug_sch19	Doug_sch19B	Yoncalla SD 32	Yoncalla Elementary School	High	1952		1970	42,066	223		Medium-yes	RVS2006	C	**RM1**	**1.9**	S3	2.3			**RM1**	**1.9**	Moderate (>1%)
Doug_sch19	Doug_sch19C	Yoncalla SD 32	Yoncalla Elementary School	High	1952		1960	42,066	223			RVS2006	C	**W1**	**4.4**					**W1**	**4.4**	Low (<1%)

Project Facility Tracking Data:		Community College	Individual Building	USGS	Year	Field	Estim	# of			DOGAMI	NEHRP	FEMA 154-Based Rapid Visual Screening Scores								Building
Site Unique ID	Building Unique ID	District_Name	Facility Name	Seismic Zone	Built	Plaque	Decade	Stories	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Umat_coc01	Umat_coc01A	Blue Mountain CC	Blue Mountain - Pendleton - Emigrant Hall	Moderate	1986	1986	1980	1	Medium-yes	Medium-yes	FEMA154	B	W2	2.9					W2	2.9	Low (<1%)
Umat_coc03	Umat_coc03A	Blue Mountain CC	Blue Mountain - Pendleton - McCrae Activity Center	Moderate	1976	1976	1970	3	Medium-yes	Medium-yes	FEMA154	B	C2	1.1	PC1	2.7	RM1	1.1	C2	1.1	Moderate (>1%)
Umat_coc02	Umat_coc02A	Blue Mountain CC	Blue Mountain - Pendleton - Morrow Hall	Moderate	1964	1964	1960	1	Medium-yes	Medium-yes	FEMA154	B	W2	1.3					W2	1.3	Moderate (>1%)
Umat_coc04	Umat_coc04A	Blue Mountain CC	Blue Mountain - Pendleton - Pioneer Hall	Moderate	1970	1970	1970	2	Medium-yes	Medium-yes	FEMA154	B	RM1	1.1					RM1	1.1	Moderate (>1%)
Umat_coc06	Umat_coc06A	Blue Mountain CC	Blue Mountain - Pendleton - Science and Technology	Moderate	2000	2000		2			NEW	B									Low (<1%)
Umat_coc05	Umat_coc05A	Blue Mountain CC	Blue Mountain - Pendleton - Umatilla Hall	Moderate	1969	1969	1960	2	Medium-yes	Medium-yes	FEMA154	B	RM1	1.1					RM1	1.1	Moderate (>1%)
Desc_coc11	Desc_coc11A	Central Oregon CC	Central Oregon - Bookstore	Moderate	1994	1994		1			NEW	B									Low (<1%)
Desc_coc09	Desc_coc09A	Central Oregon CC	Central Oregon - Boyle Education Center	Moderate	1989	1989		3			MISSED	B									High (>10%)
Desc_coc12	Desc_coc12A	Central Oregon CC	Central Oregon - Cascades Hall	Moderate	2002	2002		2			NEW	B									Low (<1%)
Desc_coc03	Desc_coc03A	Central Oregon CC	Central Oregon - Grandview Student Union Center	Moderate	1964	1964	1960	2	Medium-yes	Medium-yes	FEMA154	B	C1	0.5	C2	1.1			C1	0.5	High (>10%)
Desc_coc01	Desc_coc01A	Central Oregon CC	Central Oregon - Juniper H.	Moderate	1967	1967	1960	2	Medium-yes	Medium-yes	FEMA154	B	C2	1.1					C2	1.1	Moderate (>1%)
Desc_coc13	Desc_coc13A	Central Oregon CC	Central Oregon - Library	Moderate	1997	1997		3			NEW	B									Low (<1%)
Desc_coc04	Desc_coc04A	Central Oregon CC	Central Oregon - Mazama Gym	Moderate	1971	1971	1970	2	Medium-yes	Medium-yes	FEMA154	B	C1	0.5	C2	1.1			C1	0.5	High (>10%)
Desc_coc05	Desc_coc05A	Central Oregon CC	Central Oregon - Modoc (Old Library)	Moderate	1966	1966	1960	2	Medium-yes	Medium-yes	FEMA154	B	C1	0.5	C2	1.1			C1	0.5	High (>10%)
Desc_coc06	Desc_coc06A	Central Oregon CC	Central Oregon - Ochoco Hall	Moderate	1964	1964	1960	2	Medium-yes	Medium-yes	FEMA154	B	C1	0.5	C2	1.1	W2	1.3	C1	0.5	High (>10%)
Desc_coc07	Desc_coc07A	Central Oregon CC	Central Oregon - Pence	Moderate	1967	1967	1960	2	Medium-yes	Medium-yes	FEMA154	B	C1	0.5	C2	1.1	RM1	1.1	C1	0.5	High (>10%)
Desc_coc02	Desc_coc02A	Central Oregon CC	Central Oregon - Pinckney Arts Ctr.	Moderate	1983	1983	1980	2	Medium-yes	Medium-yes	FEMA154	B	RM1	1.1	C1	0.5	C2	1.1	C1	0.5	High (>10%)
Desc_coc10	Desc_coc10A	Central Oregon CC	Central Oregon - Pioneer Hall	Moderate	1976	1976		2			MISSED										High (>10%)
Desc_coc08	Desc_coc08A	Central Oregon CC	Central Oregon - Ponderosa	Moderate	1971	1971	1970	2	Medium-yes	Medium-yes	FEMA154	B	RM1	1.1	RM2	0.4	C2	1.1	RM2	0.4	High (>10%)
Desc_coc14	Desc_coc14A	Central Oregon CC	Central Oregon - Redmond - College Center	Moderate	1997	1997		1			NEW										Low (<1%)
Desc_coc16	Desc_coc16A	Central Oregon CC	Central Oregon - Redmond - MATL - Redmond	Moderate	2001	2001		1			NEW										Low (<1%)
Desc_coc15	Desc_coc15A	Central Oregon CC	Central Oregon - Redmond - One Stop Building	Moderate	1998	1998		1			NEW										Low (<1%)
Mari_coc03	Mari_coc03A	Chemeketa CC	Chemeketa - Admin/Classrooms (#022)	High	1993	1993	1990	1	Medium-yes	Medium-yes	FEMA154	D	RM1	0.7					RM1	0.7	High (>10%)
Mari_coc04	Mari_coc04A	Chemeketa CC	Chemeketa - Bldg 50 (#050)	High	1990	1990	1990	2	Medium-yes	Medium-yes	FEMA154	D	RM1	0.7	C2	3.1			RM1	0.7	High (>10%)
Mari_coc05	Mari_coc05A	Chemeketa CC	Chemeketa - Bookstore/Staff (#001)	High	1993	1993	1990	2	Medium-yes	Medium-yes	FEMA154	D	S1	0.7					S1	0.7	High (>10%)
Polk_coc01	Polk_coc01A	Chemeketa CC	Chemeketa - Branch - Dallas Academy (#107)	High	1989	1989	1980	3	Medium-yes	Medium-yes	FEMA154	C	RM1	0.9					RM1	0.9	High (>10%)
Mari_coc14	Mari_coc14A	Chemeketa CC	Chemeketa - Branch - Northwest Viticulture Center	High	2003	2003					NEW	E									Low (<1%)
Mari_coc13	Mari_coc13A	Chemeketa CC	Chemeketa - Branch - Santiam Center (#104)	Moderate	1992	1992	1990	1	Medium-yes	Medium-yes	FEMA154	C	RM1	0.3					RM1	0.3	High (>10%)
Mari_coc15	Mari_coc15A	Chemeketa CC	Chemeketa - Branch - Woodburn Center	High	2003	2003					NEW	D									Low (<1%)
Mari_coc06	Mari_coc06A	Chemeketa CC	Chemeketa - Health Sciences (#008)	High	1978	1978	1970	2	Medium-yes	Medium-yes	FEMA154	D	RM1	0.7	RM2	0.7			RM1	0.7	High (>10%)
Mari_coc11	Mari_coc11A	Chemeketa CC	Chemeketa - Learning Resource (#009)	High	1999	1999	1990	2	Medium-yes	Medium-yes	FEMA154	D	RM2	3.3	RM1	0.7			RM1	0.7	High (>10%)
Mari_coc01	Mari_coc01A	Chemeketa CC	Chemeketa - Maps Credit Union (#048)	High	1993	1993	1990	2	Medium-yes	Medium-yes	FEMA154	D	RM1	0.7					RM1	0.7	High (>10%)
Mari_coc07	Mari_coc07A	Chemeketa CC	Chemeketa - Phase I/Classrooms (#003)	High	1972	1972	1970	2	Medium-yes	Medium-yes	FEMA154	D	RM1	0.7	RM2	0.7			RM1	0.7	High (>10%)
Mari_coc02	Mari_coc02A	Chemeketa CC	Chemeketa - Phase III/Counceling (#002)	High	1976	1976	1970	2	Medium-yes	Medium-yes	FEMA154	D	S2	0.4					S2	0.4	High (>10%)
Mari_coc08	Mari_coc08A	Chemeketa CC	Chemeketa - Physical Education (#007)	High	1981	1981	1980	2	Medium-yes	Medium-yes	FEMA154	D	RM1	0.7	PC1	1.5			RM1	0.7	High (>10%)
Mari_coc09	Mari_coc09A	Chemeketa CC	Chemeketa - Technical Skills (#005)	High	1975	1975	1970	2	Medium-yes	Medium-yes	FEMA154	D	RM1	0.7	RM2	0.7			RM1	0.7	High (>10%)
Mari_coc12	Mari_coc12A	Chemeketa CC	Chemeketa - Technology Building (#006)	High	1999	1999					NEW	D									Low (<1%)
Mari_coc10	Mari_coc10A	Chemeketa CC	Chemeketa - Wilmeth Trade (#004)	High	1975	1975	1970	2	Medium-yes	Medium-yes	FEMA154	D	RM1	0.7	RM2	0.7			RM1	0.7	High (>10%)
Clac_coc01	Clac_coc01A	Clackamas CC	Clackamas - Art Center	High	1950	1950	2000	2			RVS2006 & FE	C	W2	3.4					W2	3.4	Low (<1%)
Clac_coc09	Clac_coc09A	Clackamas CC	Clackamas - Barlow Hall	High	1970	1970	1970	2	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	C1	0.1	RM1	0.9	C2	0.9	High (>10%)
Clac_coc13	Clac_coc13A	Clackamas CC	Clackamas - Bill Brod Community Center	High	1975	1975	1970	1	Medium-yes	Medium-yes	RVS2006	C	C1	0.1	C2	0.9	RM1	0.9	C1	0.1	High (>10%)
Clac_coc02	Clac_coc02A	Clackamas CC	Clackamas - CCC Harmony	High	1901	1901	1950	1	Medium-yes	Medium-yes	RVS2006 & FE	C	W2	(0.1)	C2	(0.1)	RM1	(0.1)	W2	(0.1)	Very High (100%)
Clac_coc08	Clac_coc08A	Clackamas CC	Clackamas - CCC Wilsonville Campus	High	2001	1991	1990	1	Medium-yes	Medium-yes	RVS2006	C	W2	3.3					W2	3.3	Low (<1%)
Clac_coc08	Clac_coc08B	Clackamas CC	Clackamas - CCC Wilsonville Campus	High	2001	2001	2000	2	Medium-yes	Medium-yes	RVS2006	C	S2	2.0					S2	2.0	Moderate (>1%)
Clac_coc11	Clac_coc11A	Clackamas CC	Clackamas - Clairmont Hall	High	1969	1969	1960	1		Low-minor	RVS2006	C	PC1	2.2					PC1	2.2	Low (<1%)
Clac_coc15	Clac_coc15A	Clackamas CC	Clackamas - DeJardin Hall	High	2003	2003		2			NEW	C									Low (<1%)
Clac_coc03	Clac_coc03A	Clackamas CC	Clackamas - Dye Learning Center	High	1992	1992	1990	1	Medium-yes	Medium-yes	RVS2006 & FE	C	W2	3.3					W2	3.3	Low (<1%)
Clac_coc04	Clac_coc04A	Clackamas CC	Clackamas - Family Res. Center	High	1992	1992	1990	1	Medium-yes	Medium-yes	RVS2006 & FE	C	W2	3.3					W2	3.3	Low (<1%)
Clac_coc05	Clac_coc05A	Clackamas CC	Clackamas - Gregory Forum	High	1992	1992	1990	1	Medium-yes	Medium-yes	RVS2006	C	W2	3.3					W2	3.3	Low (<1%)
Clac_coc12	Clac_coc12A	Clackamas CC	Clackamas - McLoughlin Hall	High	1972	1972		2			MISSED	C									High (>10%)
Clac_coc16	Clac_coc16A	Clackamas CC	Clackamas - Niemeyer Center	High	2004	2004		2			NEW	C									Low (<1%)
Clac_coc10	Clac_coc10B	Clackamas CC	Clackamas - Pauling Center - East	High	1981	1981	1980	1	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Clac_coc10	Clac_coc10C	Clackamas CC	Clackamas - Pauling Center - North	High	1981	1981	1980	1	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Clac_coc10	Clac_coc10A	Clackamas CC	Clackamas - Pauling Center - South	High	1981	1981	1980	1	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Clac_coc14	Clac_coc14A	Clackamas CC	Clackamas - Randall Hall	High	1972	1972		3			MISSED	C									High (>10%)
Clac_coc17	Clac_coc17A	Clackamas CC	Clackamas - Roger Rook Hall	High	2003	2003		2			NEW	C									Low (<1%)
Clac_coc06	Clac_coc06A	Clackamas CC	Clackamas - Streeter Hall	High	2002	1991	1990	1		Medium-yes	RVS2006	C	W2	5.3	RM1	1.9			RM1	1.9	Moderate (>1%)
Clac_coc06	Clac_coc06B	Clackamas CC	Clackamas - Streeter Hall	High	2002	2002	2000	1		Medium-yes	RVS2006	C	RM1	4.7					RM1	4.7	Low (<1%)
Clac_coc07	Clac_coc07A	Clackamas CC	Clackamas - Training Center	High	1994	1994		1			NEW	C									Low (<1%)
Clat_coc01	Clat_coc01A	Clatsop CC	Clatsop - Art Center	Very High	1979	1979	1970	1	Medium-yes	Medium-yes	FEMA154	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Clat_coc02	Clat_coc02A	Clatsop CC	Clatsop - Badollet Library	Very High	1965	1965	1960	3	Medium-yes	Medium-yes	FEMA154	B	S4	1.3	PC1				S4	1.3	Moderate (>1%)
Clat_coc03	Clat_coc03A	Clatsop CC	Clatsop - Fertig Hall	Very High	1965	1965	1960	1	Medium-yes	Medium-yes	FEMA154	B	PC1	2.1	RM1	1.3			RM1	1.3	Moderate (>1%)
Clat_coc05	Clat_coc05A	Clatsop CC	Clatsop - Industrial and Manufacturing Technologies	Very High	1998	1998					NEW	C									Low (<1%)
Clat_coc06	Clat_coc06A	Clatsop CC	Clatsop - Maritime Science Department	Very High	1996	1996		2			NEW	D									Low (<1%)
Clat_coc04	Clat_coc04A	Clatsop CC	Clatsop - Patriot/Towler Hall	Very High	1940	1940	1900	3	Medium-yes	Medium-yes	FEMA154	B	W2	0.3	C1	(0.7)	PC2	0.1	C1	(0.7)	Very High (100%)
Hood_coc01	Hood_coc01A	Columbia Gorge CC	Columbia Gorge - Hood River - Bldg 1 - Instruction	Moderate	1963	1963	1960	**5**	Medium-yes	Medium-yes	RVS2006 & FE	B	S4	1.5					S4	1.5	Moderate (>1%)
Wasc_coc01	Wasc_coc01A	Columbia Gorge CC	Columbia Gorge - The Dalles - Bldg 2 - Administratio	Moderate	1929	1929	1920	**4**	Medium-yes	Medium-yes	FEMA154	B	C1	(0.3)					C1	(0.3)	Very High (100%)
Klam_coc01	Klam_coc01A	Klamath CC	Klamath - Building 3	High	1999			1			NEW	C	S3	2.6					S3	2.6	Low (<1%)
Klam_coc02	Klam_coc02A	Klamath CC	Klamath - Building 4	High	2000	2000		1			NEW	C									Low (<1%)
Lane_coc05	Lane_coc05A	Lane CC	Lane - Administration - Bldg "F"	High	1968	1968	1960	3	Medium-yes	Medium-yes	FEMA154	B	PC2	0.9					PC2	0.9	High (>10%)
Lane_coc06	Lane_coc06A	Lane CC	Lane - Air Technology	High	1968	1968	1960	1	Medium-yes	Medium-yes	FEMA154	B	PC2	0.9					PC2	0.9	High (>10%)
Lane_coc08	Lane_coc08A	Lane CC	Lane - Auto/Diesel Technology	High	1968	1968	1960	1	Medium-yes	Medium-yes	FEMA154	B	PC2	0.9					PC2	0.9	High (>10%)
Lane_coc22	Lane_coc22A	Lane CC	Lane - Branch - Cottage Grove Center	High	1996	1996		1			NEW	C									Low (<1%)
Lane_coc19	Lane_coc19A	Lane CC	Lane - Branch - Downtown Center	High	1977	1977	1940	3	Medium-yes	Medium-yes	FEMA154	B	C2	1.3	RM1	1.3			C2	1.3	Moderate (>1%)
Lane_coc20	Lane_coc20A	Lane CC	Lane - Branch - Florence Center	Very High	1976	1976	1980	1	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)

Project Facility Tracking Data: Site Unique ID	Building Unique ID	Community College District_Name	Individual Building Facility Name	USGS Seismic Zone	Year Built	Field Plaque	Estim Decade	# of Stories	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	NEHRP Soil	FEMA 154-Based Rapid Visual Screening Scores								Building Collapse Potential
													Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	
Lane_coc23	Lane_coc23A	Lane CC	Lane - Branch - Wildish Building / Business Developr	High	1995	1995		2			NEW	B									Low (<1%)
Lane_coc09	Lane_coc09A	Lane CC	Lane - Business Technology - Bldg "G"	High	1968	1968	1960	2	Medium-yes	Medium-yes	FEMA154	B	**PC2**	**0.9**					**PC2**	**0.9**	High (>10%)
Lane_coc01	Lane_coc01A	Lane CC	Lane - Campus Services	High	1975	1975	1970	2	Medium-yes	Medium-yes	FEMA154	B	**RM1**	**1.3**	W2	1.3			**RM1**	**1.3**	Moderate (>1%)
Lane_coc10	Lane_coc10A	Lane CC	Lane - College Center - Bldg "L"	High	1968	1968	1960	**4**	Medium-yes	Medium-yes	FEMA154	B	**PC2**	**1.1**	C2	1.7			**PC2**	**1.1**	Moderate (>1%)
Lane_coc11	Lane_coc11A	Lane CC	Lane - Electronics - Bldg "H"	High	1968	1968	1960	2	Medium-yes	Medium-yes	FEMA154	B	**PC2**	**0.9**	C2	1.3	RM1	1.3	**PC2**	**0.9**	High (>10%)
Lane_coc04	Lane_coc04A	Lane CC	Lane - Forum - Bldg "K"	High	1968	1968	1960	3	Medium-yes	Medium-yes	FEMA154	B	**C1**	**0.5**	C2	1.3			**C1**	**0.5**	High (>10%)
Lane_coc12	Lane_coc12A	Lane CC	Lane - Health Technology - Bldg "M"	High	1968	1968	1960	2	Medium-yes	Medium-yes	FEMA154	B	**PC2**	**0.9**	C2	1.3	RM1	1.3	**PC2**	**0.9**	High (>10%)
Lane_coc13	Lane_coc13A	Lane CC	Lane - Industrial Technology - Bldg "D"	High	1968	1968	1960	2	Medium-yes	Medium-yes	FEMA154	B	**PC2**	**0.9**	C2	1.3	RM1	1.3	**PC2**	**0.9**	High (>10%)
Lane_coc14	Lane_coc14A	Lane CC	Lane - Machine Technology	High	1970	1970	1970	2	Medium-yes	Medium-yes	FEMA154	B	**PC2**	**0.9**					**PC2**	**0.9**	High (>10%)
Lane_coc07	Lane_coc07A	Lane CC	Lane - Mathematics & Art/GED Bldg "Q"	High	1970	1970	1970	3	Medium-yes	Medium-yes	FEMA154	B	**PC2**	**0.9**					**PC2**	**0.9**	High (>10%)
Lane_coc02	Lane_coc02A	Lane CC	Lane - Performing Arts	High	1975	1975	1970	2	Medium-yes	Medium-yes	FEMA154	B	**C2**	**1.3**	S3	2.7	RM1	1.3	**C2**	**1.3**	Moderate (>1%)
Lane_coc03	Lane_coc03A	Lane CC	Lane - Physical Ed. Complex - Bldg "N"	High	1968	1968	1960	2	Medium-yes	Medium-yes	FEMA154	B	**RM1**	**1.3**	C2	1.3			**RM1**	**1.3**	Moderate (>1%)
Lane_coc15	Lane_coc15A	Lane CC	Lane - Science - Bldg "J"	High	1968	1968	1960	2	Medium-yes	Medium-yes	FEMA154	B	**PC2**	**0.9**	S2	1.0	C2	1.3	**PC2**	**0.9**	High (>10%)
Lane_coc17	Lane_coc17A	Lane CC	Lane - Student Services	High	2001	2001		2			NEW	B									Low (<1%)
Lane_coc18	Lane_coc18A	Lane CC	Lane - Welding Technology	High	2000	2000		1			NEW	B									Low (<1%)
Lane_coc16	Lane_coc16A	Lane CC	Lane - Workforce Training Center/Apprenticeship	High	1968	1968	1960	2	Medium-yes	Medium-yes	FEMA154	B	**PC2**	**0.9**	S1	1.3	S2	1.0	**PC2**	**0.9**	High (>10%)
Linn_coc01	Linn_coc01A	Linn-Benton CC	Linn-Benton - Activity Center	High	1975	1975	1970	1	Medium-yes	Medium-yes	FEMA154	D	**RM2**	**0.7**					**RM2**	**0.7**	High (>10%)
Bent_coc01	Bent_coc01A	Linn-Benton CC	Linn-Benton - Benton Center	High	2004	2004		2			NEW	D									Low (<1%)
Linn_coc14	Linn_coc14A	Linn-Benton CC	Linn-Benton - Branch - Lebanon Center	Moderate	2002	2002		2			NEW	D									Low (<1%)
Linn_coc13	Linn_coc13A	Linn-Benton CC	Linn-Benton - Branch - Sweet Home Center	Moderate				1			**MISSED**	D									High (>10%)
Linn_coc10	Linn_coc10A	Linn-Benton CC	Linn-Benton - Business	High			1970	2		Medium-yes	RVS2006	D	**C1**	**1.4**	RM2	1.7			**C1**	**1.4**	Moderate (>1%)
Linn_coc02	Linn_coc02A	Linn-Benton CC	Linn-Benton - College Center	High	1973	1973	1970	2	Medium-yes	Medium-yes	FEMA154	D	**C1**	**(0.1)**					**C1**	**(0.1)**	**Very High (100%)**
Linn_coc03	Linn_coc03A	Linn-Benton CC	Linn-Benton - Health Occupations	High	1973	1973	1970	2	Medium-yes	Medium-yes	FEMA154	D	**C1**	**(0.1)**					**C1**	**(0.1)**	**Very High (100%)**
Linn_coc04	Linn_coc04A	Linn-Benton CC	Linn-Benton - Industrial A	High	1973	1973	1970	2	Medium-yes	Medium-yes	FEMA154	D	**C1**	**(0.1)**					**C1**	**(0.1)**	**Very High (100%)**
Linn_coc12	Linn_coc12A	Linn-Benton CC	Linn-Benton - Luckiamute Center	High	2004	2004		1			NEW	D									Low (<1%)
Linn_coc06	Linn_coc06A	Linn-Benton CC	Linn-Benton - Science and Technology	High	1973	1973	1970	2	Medium-yes	Medium-yes	FEMA154	D	**C1**	**(0.1)**					**C1**	**(0.1)**	**Very High (100%)**
Linn_coc07	Linn_coc07A	Linn-Benton CC	Linn-Benton - Service Ctr.	High	1973	1973	1970	1	Medium-yes	Medium-yes	FEMA154	D	**C1**	**(0.1)**					**C1**	**(0.1)**	**Very High (100%)**
Linn_coc11	Linn_coc11A	Linn-Benton CC	Linn-Benton - South Santiam Hall	High	1973	1973	1970	1			RVS2006	D	**C1**	**1.9**	RM2	2.2			**C1**	**1.9**	Moderate (>1%)
Linn_coc08	Linn_coc08A	Linn-Benton CC	Linn-Benton - Student Union Bldg.	High	1973	1973	1970	2	Medium-yes	Medium-yes	FEMA154	D	**C1**	**(0.1)**					**C1**	**(0.1)**	**Very High (100%)**
Linn_coc09	Linn_coc09A	Linn-Benton CC	Linn-Benton - Takena Hall	High	1979	1979	1970	2	Medium-yes	Medium-yes	FEMA154	D	**PC2**	**0.3**					**PC2**	**0.3**	High (>10%)
Linn_coc05	Linn_coc05A	Linn-Benton CC	Linn-Benton - Willamette Hall	High	1973	1973	1970	2	Medium-yes	Medium-yes	FEMA154	D	**C1**	**(0.1)**					**C1**	**(0.1)**	**Very High (100%)**
Mult_coc06	Mult_coc06A	Mt Hood CC	Mt Hood - Academic Center	High	1970	1970	1970	3	Medium-yes	Medium-yes	FEMA154	B	**S5**	**0.5**					**S5**	**0.5**	High (>10%)
Mult_coc04	Mult_coc04A	Mt Hood CC	Mt Hood - Aquatic Center	High	1976	1976	1970	1	Medium-yes	Medium-yes	FEMA154	B	**PC1**	**2.1**					**PC1**	**2.1**	Low (<1%)
Mult_coc02	Mult_coc02A	Mt Hood CC	Mt Hood - Bruning Center for Allied Health	High	1976	1976	1970	3	Medium-yes	Medium-yes	FEMA154	C	**C2**	**0.9**	RM1	0.9			**C2**	**0.9**	High (>10%)
Mult_coc09	Mult_coc09A	Mt Hood CC	Mt Hood - Child Development Center	High			1970			Medium-yes	RVS2006	B	W2	3.3	**S3**	**3.2**			**S3**	**3.2**	Low (<1%)
Mult_coc11	Mult_coc11A	Mt Hood CC	Mt Hood - GE Building	High			1970				RVS2006	B	W2	3.8	**C2**	**2.8**			**C2**	**2.8**	Low (<1%)
Mult_coc05	Mult_coc05A	Mt Hood CC	Mt Hood - Gymnasium	High	1968	1968	1960		Medium-yes	Medium-yes	FEMA154	B	PC1	2.1	**RM1**	**1.3**	C2	1.3	**RM1**	**1.3**	Moderate (>1%)
Mult_coc01	Mult_coc01A	Mt Hood CC	Mt Hood - Horticulture and Fisheries	High	1975	1975	1970	1	Medium-yes	Medium-yes	FEMA154	B	**W2**	**1.3**					**W2**	**1.3**	Moderate (>1%)
Mult_coc03	Mult_coc03A	Mt Hood CC	Mt Hood - Industrial Technology	High	1968	1968	1960	1	Medium-yes	Medium-yes	FEMA154	B	**RM1**	**1.3**					**RM1**	**1.3**	Moderate (>1%)
Mult_coc12	Mult_coc12A	Mt Hood CC	Mt Hood - Maywood	High			1920			Medium-yes	RVS2006	C	**C2**	**(0.1)**	C1	0.1			**C2**	**(0.1)**	**Very High (100%)**
Mult_coc12	Mult_coc12B	Mt Hood CC	Mt Hood - Maywood	High			1930	2	Medium-yes	Medium-yes	RVS2006	C	**C1**	**(1.1)**	C2	0.9	C3	(0.5)	**C1**	**(1.1)**	**Very High (100%)**
Mult_coc12	Mult_coc12C	Mt Hood CC	Mt Hood - Maywood	High			1960	2			RVS2006	C	W2	3.4	**C2**	**2.4**			**C2**	**2.4**	Low (<1%)
Mult_coc14	Mult_coc14A	Mt Hood CC	Mt Hood - Visual Art Center Theatre	High			1970		Medium-yes	Medium-yes	RVS2006	B	**W2**	**1.3**					**W2**	**1.3**	Moderate (>1%)
Mult_coc07	Mult_coc07A	Mt Hood CC	Mt Hood - Warehouse/Graphics Addition	High	1982	1982	1980	2	Medium-yes	Medium-yes	FEMA154	B	**S5**	**0.5**					**S5**	**0.5**	High (>10%)
Mult_coc23	Mult_coc23A	Portland CC	Portland - Cascade - Gymnasium	High	2004	2004		2			NEW	C									Low (<1%)
Mult_coc16	Mult_coc16A	Portland CC	Portland - Cascade - Jackson Hall	High	1985	1985	1980	2	Medium-yes	Medium-yes	RVS2006 & FE	C	**C2**	**0.9**					**C2**	**0.9**	High (>10%)
Mult_coc24	Mult_coc24A	Portland CC	Portland - Cascade - Library Addition	High	1994	1994	1990		Medium-yes	Medium-yes	RVS2006	C	**S2**	**2.0**	C2	3.3			**S2**	**2.0**	Moderate (>1%)
Mult_coc19	Mult_coc19A	Portland CC	Portland - Cascade - Moriarty Arts and Humanities B	High							**MISSED**	C									High (>10%)
Mult_coc20	Mult_coc20A	Portland CC	Portland - Cascade - Public Service	High	2003	2003	1960	1		Low-minor	RVS2006	C	**URM**	**1.4**	W1	6.8			**URM**	**1.4**	Moderate (>1%)
Mult_coc17	Mult_coc17A	Portland CC	Portland - Cascade - Student Center	High	1965	1965	1960	**4**	Medium-yes	Medium-yes	RVS2006 & FE	C	**PC2**	**0.7**	S2	1.0	C2	1.3	**PC2**	**0.7**	High (>10%)
Mult_coc21	Mult_coc21A	Portland CC	Portland - Cascade - Student Services	High	1996	1996	1980	3	High	Medium-yes	RVS2006	C	**S2**	**2.0**					**S2**	**2.0**	Moderate (>1%)
Mult_coc22	Mult_coc22A	Portland CC	Portland - Cascade - Tech. Ed.	High	2004	2004		2			NEW	C									Low (<1%)
Mult_coc15	Mult_coc15A	Portland CC	Portland - Cascade - Terrell Hall	High	1975	1975	1970	2	Medium-yes	Medium-yes	RVS2006 & FE	C	**RM1**	**0.9**					**RM1**	**0.9**	High (>10%)
Wash_coc04	Wash_coc04A	Portland CC	Portland - Rock Creek - Building 2	High	1976	1976	1970	2	Medium-yes	Medium-yes	FEMA154	C	**C1**	**0.1**	C2	0.9	RM1	0.9	**C1**	**0.1**	High (>10%)
Wash_coc02	Wash_coc02A	Portland CC	Portland - Rock Creek - Building 3	High	1976	1976	1970	2	Medium-yes	Medium-yes	FEMA154	C	RM1	0.9	**C1**	**0.1**	C2	0.9	**C1**	**0.1**	High (>10%)
Wash_coc03	Wash_coc03A	Portland CC	Portland - Rock Creek - Building 5	High	1982	1982	1980	2	Medium-yes	Medium-yes	FEMA154	C	**RM1**	**0.9**	C2	0.9			**RM1**	**0.9**	High (>10%)
Wash_coc01	Wash_coc01A	Portland CC	Portland - Rock Creek - Building 6 - Hanger	High	1979	1979	1970	1	Medium-yes	Medium-yes	FEMA154	C	**S2**	**0.6**	S3	2.3			**S2**	**0.6**	High (>10%)
Wash_coc05	Wash_coc05A	Portland CC	Portland - Rock Creek - Building 7	High	1996	1996		2			NEW	C									Low (<1%)
Wash_coc06	Wash_coc06A	Portland CC	Portland - Rock Creek - Building 7 - Addition	High	2004	2004		2			NEW	C									Low (<1%)
Wash_coc07	Wash_coc07A	Portland CC	Portland - Rock Creek - Building 9 - Library Student S	High	2004	2004		2			NEW	C									Low (<1%)
Mult_coc25	Mult_coc25A	Portland CC	Portland - Sylvania - Automotive/Metals	High	1968	1968	1960	2	Medium-yes	Medium-yes	FEMA154	C	C2	0.9	**C1**	**0.1**	RM1	0.9	**C1**	**0.1**	High (>10%)
Mult_coc31	Mult_coc31A	Portland CC	Portland - Sylvania - Bookstore	High	1995	1995		3			NEW	C									Low (<1%)
Mult_coc26	Mult_coc26A	Portland CC	Portland - Sylvania - College Center	High	1970	1970	1970	2	Medium-yes	Medium-yes	FEMA154	C	**C1**	**0.1**	C2	0.9	RM1	0.9	**C1**	**0.1**	High (>10%)
Mult_coc27	Mult_coc27A	Portland CC	Portland - Sylvania - Communication Technology	High	1972	1972	1970	2	Medium-yes	Medium-yes	FEMA154	C	**C1**	**0.1**	C2	0.9	RM1	0.9	**C1**	**0.1**	High (>10%)
Mult_coc28	Mult_coc28A	Portland CC	Portland - Sylvania - Health Technology	High	1972	1972	1970	**4**	Medium-yes	Medium-yes	FEMA154	C	C2	1.3	**C1**	**0.5**	RM1	1.3	**C1**	**0.5**	High (>10%)
Mult_coc33	Mult_coc33A	Portland CC	Portland - Sylvania - LRC	High	1994	1994		2			NEW	C									Low (<1%)
Mult_coc29	Mult_coc29A	Portland CC	Portland - Sylvania - Science and Technology	High	1968	1968	1960	3	Medium-yes	Medium-yes	FEMA154	C	**C1**	**0.1**	C2	0.9	RM1	0.9	**C1**	**0.1**	High (>10%)
Mult_coc34	Mult_coc34A	Portland CC	Portland - Sylvania - Sculpture Studio	High	2004	2004					NEW										Low (<1%)
Mult_coc30	Mult_coc30A	Portland CC	Portland - Sylvania - Social Science and Technology	High	1968	1968	1960	2	Medium-yes	Medium-yes	FEMA154	C	**C1**	**0.1**	RM1	0.9			**C1**	**0.1**	High (>10%)
Mult_coc35	Mult_coc35A	Portland CC	Portland - Sylvania - South Classroom B.	High	1997	1997		2			NEW	C									Low (<1%)
Mult_coc36	Mult_coc36A	Portland CC	Portland - Sylvania - Technology Classroom	High	2004	2004		3			NEW	C									Low (<1%)
Jose_coc01	Jose_coc01A	Rogue CC	Rogue - Redwood - Building U (Gym)	High	1965	1965	1960	1	Medium-yes	Medium-yes	FEMA154	B	**W2**	**1.3**					**W2**	**1.3**	Moderate (>1%)
Jose_coc05	Jose_coc05A	Rogue CC	Rogue - Redwood - Café - Redwood	High	1965	1965	2000	1		Medium-yes	RVS2006	B	**W1**	**3.9**					**W1**	**3.9**	Low (<1%)
Jose_coc02	Jose_coc02A	Rogue CC	Rogue - Redwood - Coats Hall	High	1988	1988	1980	1	Medium-yes	Medium-yes	FEMA154	B	**W2**	**3.7**					**W2**	**3.7**	Low (<1%)
Jose_coc04	Jose_coc04A	Rogue CC	Rogue - Redwood - Firehouse Art Ctr./Small Bus. De	High	1912	1912	1910	2	Medium-yes	Medium-yes	FEMA154	C	**URM**	**(0.3)**	C2	(0.1)			**URM**	**(0.3)**	**Very High (100%)**

Project Facility Tracking Data: Site Unique ID	Building Unique ID	Community College District_Name	Individual Building Facility Name	USGS Seismic Zone	Year Built	Field Plaque	Estim Decade	# of Stories	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	NEHRP Soil	FEMA 154-Based Rapid Visual Screening Scores: Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Building Collapse Potential
Jose_coc03	Jose_coc03A	Rogue CC	Rogue - Redwood - Library & Wiseman Tutoring Ctr.	High	1978	1978	1970	1	Medium-yes	Medium-yes	FEMA154	B	C2	1.3	W2	1.3			C2	1.3	Moderate (>1%)
Jack_coc03	Jack_coc03A	Rogue CC	Rogue - Riverside - (Wards) G Building	Moderate	1928	1928	1920	2	Medium-yes	Medium-yes	FEMA154	C	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Jack_coc01	Jack_coc01A	Rogue CC	Rogue - Riverside - Building A	Moderate	1946	1946	1940	2	Medium-yes	Medium-yes	FEMA154	C	C2	0.3					C2	0.3	High (>10%)
Jack_coc02	Jack_coc02A	Rogue CC	Rogue - Riverside - Building B	Moderate	1939	1939	1930	1	Medium-yes	Medium-yes	FEMA154	C	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Jack_coc04	Jack_coc04A	Rogue CC	Rogue - Riverside - Building D	Moderate	1968	1968	1960	2	Medium-yes		RVS2006	C	C1	0.4	C2	0.8			C1	0.4	High (>10%)
Jose_coc06	Jose_coc06A	Rogue CC	Rogue - Riverside - K Building	High	1940	1940	1960	2	Medium-yes	Medium-yes	RVS2006	B	W1	0.4					W1	0.4	High (>10%)
Jack_coc08	Jack_coc08A	Rogue CC	Rogue - Table Rock - Crater Lake Center	Moderate	1935	1935		2			MISSED	C									High (>10%)
Jack_coc06	Jack_coc06A	Rogue CC	Rogue - Table Rock - Table Rock Campus	Moderate	1979	1979	1970	2	Medium-yes	Medium-yes	FEMA154	C	S3	2.7	W2	2.1			S3	2.7	Low (<1%)
Jack_coc07	Jack_coc07A	Rogue CC	Rogue - Table Rock - Workforce Training Center	Moderate	1942	1942	1940	2	Medium-yes	Medium-yes	FEMA154	C	URM	1.0					URM	1.0	High (>10%)
Coos_coc01	Coos_coc01A	Southwest Oregon CC	Southwest Oregon - Coaledo Hall	Very High	1965	1965	1960	2	Medium-yes	Medium-yes	FEMA154	D	C2	0.7					C2	0.7	High (>10%)
Coos_coc07	Coos_coc07A	Southwest Oregon CC	Southwest Oregon - Eden Hall	Very High	1982	1982	1980		Medium-yes	Medium-yes	RVS2006	D	C2	0.7					C2	0.7	High (>10%)
Coos_coc02	Coos_coc02A	Southwest Oregon CC	Southwest Oregon - Empire Hall (PAC)	Very High	1980	1980	1980	2	Medium-yes	Medium-yes	FEMA154	D	C2	0.7					C2	0.7	High (>10%)
Coos_coc08	Coos_coc08A	Southwest Oregon CC	Southwest Oregon - Fairview Hall	Very High	1982	1982	1980		Low-minor	Medium-yes	RVS2006	D	RM1	1.7					RM1	1.7	Moderate (>1%)
Coos_coc09	Coos_coc09A	Southwest Oregon CC	Southwest Oregon - Newmark Center	Very High	1996	1996					NEW	D									Low (<1%)
Coos_coc03	Coos_coc03A	Southwest Oregon CC	Southwest Oregon - Prosper Hall	Very High	1967	1967	1960	3	Medium-yes	Medium-yes	FEMA154	D	C2	0.7					C2	0.7	High (>10%)
Coos_coc04	Coos_coc04A	Southwest Oregon CC	Southwest Oregon - Randolph Hall	Very High	1964	1964	1960	1	Medium-yes	Medium-yes	FEMA154	D	C2	0.7					C2	0.7	High (>10%)
Coos_coc05	Coos_coc05A	Southwest Oregon CC	Southwest Oregon - Sitkum Hall	Very High	1965	1965	1960	2	Medium-yes	Medium-yes	FEMA154	D	C2	0.7					C2	0.7	High (>10%)
Coos_coc10	Coos_coc10A	Southwest Oregon CC	Southwest Oregon - Stensland Hall	Very High	1995	1995					NEW	D									Low (<1%)
Coos_coc06	Coos_coc06A	Southwest Oregon CC	Southwest Oregon - Tioga Hall	Very High	1969	1969	1960	5	Medium-yes	Medium-yes	FEMA154	D	C2	1.1					C2	1.1	Moderate (>1%)
Malh_coc04	Malh_coc04A	Treasure Valley CC	Treasure Valley - Barber Hall. Administration Bldg.	Moderate	1965	1965	1960	2	Medium-yes	Medium-yes	FEMA154	D	PC2	0.0					PC2	0.0	Very High (100%)
Malh_coc03	Malh_coc03A	Treasure Valley CC	Treasure Valley - Easley Memorial Gymnasium	Moderate	1968	1968	1960	2	Medium-yes	Medium-yes	FEMA154	D	C1	(0.5)	PC1	1.7	RM1	(0.1)	C1	(0.5)	Very High (100%)
Malh_coc08	Malh_coc08A	Treasure Valley CC	Treasure Valley - Four Rivers Cultural Center and Mu	Moderate	1996	1996		1			NEW	D									Low (<1%)
Malh_coc01	Malh_coc01A	Treasure Valley CC	Treasure Valley - Malheur Dormitory	Moderate	1968	1968	1960	2	Medium-yes	Medium-yes	FEMA154	D	S3	2.3					S3	2.3	Low (<1%)
Malh_coc05	Malh_coc05A	Treasure Valley CC	Treasure Valley - Oregon Trail Building	Moderate	1965	1965	1960	1	Medium-yes	Medium-yes	FEMA154	D	PC2	0.0					PC2	0.0	Very High (100%)
Malh_coc02	Malh_coc02A	Treasure Valley CC	Treasure Valley - Tech Lab Building	Moderate	1970	1970	1970	1	Medium-yes	Medium-yes	FEMA154	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Malh_coc06	Malh_coc06A	Treasure Valley CC	Treasure Valley - Weese Building	Moderate	1966	1966	1960	2	Medium-yes	Medium-yes	FEMA154	D	PC2	0.0					PC2	0.0	Very High (100%)
Doug_coc01	Doug_coc01A	Umpqua CC	Umpqua - Campus Center	High	1970	1970	1970	1	Medium-yes	Medium-yes	FEMA154	B	W2	1.3					W2	1.3	Moderate (>1%)
Doug_coc02	Doug_coc02A	Umpqua CC	Umpqua - Ed. Skills Building	High	1979	1979	1970	1	Medium-yes	Medium-yes	FEMA154	B	W2	3.7					W2	3.7	Low (<1%)
Doug_coc06	Doug_coc06A	Umpqua CC	Umpqua - Gym/PE Complex	High	1970	1970	1970	1	Medium-yes	Medium-yes	FEMA154	B	PC1	2.1					PC1	2.1	Low (<1%)
Doug_coc05	Doug_coc05A	Umpqua CC	Umpqua - Jacoby Auditorium	High	1970	1970	1970	1	Medium-yes	Medium-yes	FEMA154	B	C2	1.3					C2	1.3	Moderate (>1%)
Doug_coc07	Doug_coc07A	Umpqua CC	Umpqua - Library	High	1967	1967	1960			Medium-yes	RVS2006	B	W2	3.3					W2	3.3	Low (<1%)
Doug_coc03	Doug_coc03A	Umpqua CC	Umpqua - Science	High	1966	1966	1960	1	Medium-yes	Medium-yes	FEMA154	B	W2	1.3					W2	1.3	Moderate (>1%)
Doug_coc04	Doug_coc04A	Umpqua CC	Umpqua - Wayne Crooch Hall	High	1968	1968	1960	1	Medium-yes	Medium-yes	FEMA154	B	W2	1.3					W2	1.3	Moderate (>1%)
Doug_coc08	Doug_coc08A	Umpqua CC	Umpqua - Whipple Fine Arts	High	1979	1979	1980		Medium-yes	Medium-yes	RVS2006	B	W2	3.7					W2	3.7	Low (<1%)

OREGON RURAL FIRE PROTECTION DISTRICTS FACILITIES

Project Facility Tracking Data:

Site Unique ID	Building Unique ID	District_Name	RFPD Facility Name	Address	City	USGS Seismic Zone	Year Built	Field Plaque	Est Decade	Stories #	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	Soil	FEMA 154-Based Rapid Visual Screening Scores: Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Building Collapse Potential
Bent_fir09	Bent_fir09A	Adair RFPD	Adair RFPD	6021 Marcus Harris Ave NE	Corvallis	High			1960	1	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**					RM1	**1.3**	Moderate (>1%)
Bent_fir09	Bent_fir09B	Adair RFPD	Adair RFPD	6021 Marcus Harris Ave NE	Corvallis	High			1970	1	Medium-yes	Medium-yes	Secondary Sc	B	W1	1.4	**RM1**	**1.3**			RM1	**1.3**	Moderate (>1%)
Malh_fir05	Malh_fir05A	Adrian RFPD	Adrian RFPD	608 First Street	Adrian	Moderate	1964		1960	2	Medium-yes		RVS2006	D	**RM1**	**0.4**					RM1	**0.4**	High (>10%)
Curr_fir03	Curr_fir03A	Agness Illahee RFPD	Agness Illahee FD	3447 Agness Illatie Rd.	Agness	Very High	1990		Pre 1900	1			RVS2006	C	**W1**	**4.4**					W1	**4.4**	Low (<1%)
Bent_fir03	Bent_fir03A	Alsea RFPD	Alsea RFPD	216 Market St	Alsea	High	1976	1976	1970	2	Medium-yes	Medium-yes	RVS2006	B	**W1**	**1.4**					W1	**1.4**	Moderate (>1%)
Jose_fir07	Jose_fir07A	Applegate Valley RFPD	Applegate Valley RFPD 9	1076 Kubli Rd	Grants Pass	High	1998		1990	1		Medium-yes	NEW	C	**S3**	**2.3**					S3	**2.3**	Low (<1%)
Jack_fir04	Jack_fir04B	Applegate Valley RFPD	Applegate Valley RFPD 9	2170 Hwy 238	Jacksonville	Moderate	2002		1990	1			NEW	B	**S3**	**3.8**					S3	**3.8**	Low (<1%)
Jack_fir08	Jack_fir08A	Applegate Valley RFPD	Applegate Valley RFPD 9	18489 N Applegate Rd	Grants Pass	High			1980	1	Low-minor	Medium-yes	RVS2006	D	**S3**	**2.1**	W2	4.9			S3	**2.1**	Low (<1%)
Jose_fir08	Jose_fir08A	Applegate Valley RFPD	Applegate Valley RFPD 9	12100 Williams Hwy	Grants Pass	High	1991		1980	1		Medium-yes	RVS2006	C	**S3**	**2.3**					S3	**2.3**	Low (<1%)
Jack_fir05	Jack_fir05A	Applegate Valley RFPD	Applegate Valley RFPD 9	7774 Upper Applegate Rd	Jacksonville	Moderate			1980	1		Medium-yes	RVS2006	C	**S3**	**2.7**					S3	**2.7**	Low (<1%)
Jack_fir19	Jack_fir19B	Applegate Valley RFPD	Applegate Valley RFPD 9	1095 Upper Applegate Rd	Jacksonville	Moderate			1990	1			RVS2006	C	**S3**	**3.2**					S3	**3.2**	Low (<1%)
Jack_fir19	Jack_fir19A	Applegate Valley RFPD	Applegate Valley RFPD 9	1095 Upper Applegate Rd	Jacksonville	Moderate			1980	2	Medium-yes		Secondary Sc	C	**W2**	**2.6**	S3	3.2			W2	**2.6**	Low (<1%)
Mari_fir37	Mari_fir37A	Aumsville RFPD	Aumsville RFPD	490 Church St	Aumsville	High	1975	1975	1970	1			RVS2006	D	**S3**	**2.6**					S3	**2.6**	Low (<1%)
Mari_fir01	Mari_fir01A	Aurora RFPD	Aurora RFPD	21390 Main St	Aurora	High			1950	1		Medium-yes	RVS2006	D	**RM1**	**1.7**					RM1	**1.7**	Moderate (>1%)
Mari_fir01	Mari_fir01B	Aurora RFPD	Aurora RFPD	21390 Main St	Aurora	High			1960	1			RVS2006	D	**W1**	**4.4**					W1	**4.4**	Low (<1%)
Mari_fir06	Mari_fir06A	Aurora RFPD	Aurora RFPD	20909 Feller St	Donald	High			1960	1	Low-minor	Medium-yes	Secondary Sc	D	RM1	1.7	**C1**	**1.4**			C1	**1.4**	Moderate (>1%)
Doug_fir28	Doug_fir28A	Azalea RFPD	Azalea RFPD	495 Azalea-Glen Rd	Azalea	High			1990	1	Low-minor	Medium-yes	RVS2006	B	**S3**	**2.7**					S3	**2.7**	Low (<1%)
Coos_fir24	Coos_fir24A	Bandon RFPD	Bandon RFPD	Bandon Airport	Bandon	Very High			1990	1			RVS2006	C	**S3**	**2.8**					S3	**2.8**	Low (<1%)
Coos_fir09	Coos_fir09A	Bandon RFPD	Bandon RFPD	555 Hwy 1010	Bandon	Very High	1969	1969	1960	1	Low-minor	Medium-yes	RVS2006	D	**W1**	**3.9**					W1	**3.9**	Low (<1%)
Wash_fir31	Wash_fir31A	Banks RFPD	Banks FPD Buxton Station	22870 NW Fisher Rd	Buxton	High			1970	1		Medium-yes	RVS2006	C	**RM1**	**1.9**					RM1	**1.9**	Moderate (>1%)
Wash_fir32	Wash_fir32A	Banks RFPD	Banks FPD Timber Station	60900 NW Cochran Rd	Timber	High			1970	1	Low-minor	Medium-yes	RVS2006	C	**S3**	**2.3**	W2	2.9			S3	**2.3**	Low (<1%)
Desc_fir01	Desc_fir01B	Black Butte RFPD	Black Butte RFPD	13511 Hawks Beard	Sisters	Moderate	1980		1980	2	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**					RM1	**0.3**	High (>10%)
Desc_fir01	Desc_fir01A	Black Butte RFPD	Black Butte RFPD	13511 Hawks Beard	Sisters	Moderate	1980		1980	2	Medium-yes		RVS2006	C	W1	3.1	**RM1**	**0.8**			RM1	**0.8**	High (>10%)
Lane_fir34	Lane_fir34A	Blue River RFPD	Blue River VFD	51730 Echo St	Blue River	Moderate			1980	1		Medium-yes	RVS2006	C	**W1**	**6.1**					W1	**6.1**	Low (<1%)
Klam_fir13	Klam_fir13A	Bly RFPD	Bly RFPD	60800 Highway 140E	Bly	Moderate			1980	1		Medium-yes	RVS2006	B	**S3**	**3.3**					S3	**3.3**	Low (<1%)
Klam_fir13	Klam_fir13B	Bly RFPD	Bly RFPD	60800 Highway 140E	Bly	Moderate			1960	1			Tertiary Scor	B	W1	5.2	S3	3.8	**RM1**	**3.6**	RM1	**3.6**	Low (<1%)
Morr_fir02	Morr_fir02A	Boardman RFPD	Boardman RFPD	300 SW Wilson Ln	Boardman	Moderate			1980	1	Medium-yes		RVS2006	C	**S3**	**3.2**					S3	**3.2**	Low (<1%)
Morr_fir02	Morr_fir02B	Boardman RFPD	Boardman RFPD	302 SW Wilson Ln	Boardman	Moderate			1990	1			RVS2006	C	**S3**	**3.2**					S3	**3.2**	Low (<1%)
Klam_fir12	Klam_fir12A	Bonanza RFPD	Bonanza RFPD	2849 Market St.	Bonanza	Moderate			1950	1		Medium-yes	RVS2006	D	**RM1**	**1.9**	S3	2.3			RM1	**1.9**	Moderate (>1%)
Clac_fir46	Clac_fir46A	Boring RFPD	Boring Fire District 59	20100 SE Hwy 212	Damascus	High	1976			1			FEMA154	C	**W1**	**4.4**					W1	**4.4**	Low (<1%)
Clac_fir47	Clac_fir47A	Boring RFPD	Boring Fire District 59	3220 Judd Rd	Eagle Creek	High	1999			1			NEW	C	**W1**	**6.8**					W1	**6.8**	Low (<1%)
Clac_fir22	Clac_fir22A	Boring RFPD	Boring Fire Protection	28655 Se Hwy 212	Boring	High	1969			1			FEMA154	B	**PC1**	**2.6**					PC1	**2.6**	Low (<1%)
Coos_fir26	Coos_fir26A	Bridge RFPD	Bridge Rural Fire	98183 Bridge Ln	Myrtle Point	Very High			1970	1	Medium-yes	Medium-yes	RVS2006	C	**S3**	**2.3**					S3	**2.3**	Low (<1%)
Clat_fir11	Clat_fir11A	Brownsmead RFPD	Brownsmead RFPD	91941 Barensde Rd	Astoria	High			1950	1			RVS2006	D	**W1**	**4.4**					W1	**4.4**	Low (<1%)
Linn_fir10	Linn_fir10A	Brownsville RFPD	Brownsville Rural Fire Dist #61	255 N Main St.	Brownsville	High			1960	2	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**					RM1	**0.9**	High (>10%)
Doug_fir29	Doug_fir29A	Camas Valley RFPD	Camas Valley FD	261 Main Camas Rd	Camas Valley	High			1980	1		Medium-yes	RVS2006	C	**S3**	**2.3**					S3	**2.3**	Low (<1%)
Clac_fir48	Clac_fir48A	Canby RFPD	Canby Fire District 62	26815 S Hwy 170	Canby	High	1985			1			FEMA154	C	**S3**	**2.8**					S3	**2.8**	Low (<1%)
Clac_fir39	Clac_fir39A	Canby RFPD	Canby Fire District 62	221 S Pine St.	Canby	High	1996			1			NEW	C	**RM1**	**2.4**					RM1	**2.4**	Low (<1%)
Doug_fir37	Doug_fir37A	Canyonville/S Umpqua RFP	Canyonville/South Umpqua FD	400 N Main St	Canyonville	High	2002						NEW	C									Low (<1%)
Curr_fir05	Curr_fir05A	Cape Ferrelo RFPD	Cape Ferrelo RFPD	96349 Cape Ferrelo Rd.	Brookings	Very High			1990	1	Medium-yes	Medium-yes	RVS2006	C	**S3**	**2.3**	W1	3.8			S3	**2.3**	Low (<1%)
Curr_fir14	Curr_fir14A	Cedar Valley N Banks RFPI	Cedar Valley Fire Department	96526 North Bank Rd	Gold Beach	Very High	1963		1970	1		Medium-yes	RVS2006	C	**W1**	**3.9**					W1	**3.9**	Low (<1%)
Linc_fir11	Linc_fir11A	Central Oregon Coast RFPI	Central Oregon Coast F&R Dist	145 Alsea Hwy	Waldport	Very High	1995						NEW	C									Low (<1%)
Coos_fir05	Coos_fir05A	Charleston RFPD	Charleston RFPD	92342 Cape Arago Hwy	Coos Bay	Very High			1980	1	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**	W2	3.3			RM1	**0.9**	High (>10%)
Coos_fir07	Coos_fir07A	Charleston RFPD	Charleston RFPD	63081 Crown Point Rd.	Coos Bay	Very High			1980	2			RVS2006	C	**RM1**	**2.4**	W1	6.8			RM1	**2.4**	Low (<1%)
Coos_fir27	Coos_fir27A	Charleston RFPD	Charleston RFPD	90414 Metcalf Ln	Coos Bay	Very High			1970	1		Medium-yes	RVS2006	C	**W1**	**3.9**					W1	**3.9**	Low (<1%)
Klam_fir05	Klam_fir05A	Chiloquin-Agency Lk RFPD	Chiloquin Agency Lake Fire Dist	156 S 2nd Ave	Chiloquin	Moderate			1960	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					RM1	**(0.1)**	Very High (100%)
Klam_fir04	Klam_fir04A	Chiloquin-Agency Lk RFPD	Chiloquin Agency Lake Fire Dist	35701 Modoc Point Rd	Chiloquin	High			1970	1		Medium-yes	RVS2006	D	**RM1**	**1.7**					RM1	**1.7**	Moderate (>1%)
Klam_fir06	Klam_fir06A	Chiloquin-Agency Lk RFPD	Chiloquin Agency Lake Fire Dist	127 S First St	Chiloquin	Moderate			1950	1			RVS2006	D	**RM1**	**2.4**					RM1	**2.4**	Low (<1%)
Lake_fir01	Lake_fir01A	Christmas Valley RFPD	Christmas Valley RFPD	87363 Holly Street	Christmas Valle	High			1960	1		Medium-yes	RVS2006	D	**W1**	**3.9**					W1	**3.9**	Low (<1%)
Lake_fir01	Lake_fir01B	Christmas Valley RFPD	Christmas Valley RFPD	87363 Holly Street	Christmas Valle	High			1990	1		Medium-yes	RVS2006	D	**W1**	**6.3**					W1	**6.3**	Low (<1%)
Clac_fir09	Clac_fir09A	Clackamas Co Fire Dist #1	CCFD Fire Station 1 Town Cen	11300 SE Fuller Rd	Milwaukie	High	1983			2			FEMA154	C	**PC1**	**2.2**					PC1	**2.2**	Low (<1%)
Clac_fir14	Clac_fir14A	Clackamas Co Fire Dist #1	CCFD Fire Station 10 Beavercre	22310 S Beavercreek Rd	Beavercreek	High	2002			1			NEW	B	**W2**	**6.2**					W2	**6.2**	Low (<1%)
Clac_fir25	Clac_fir25A	Clackamas Co Fire Dist #1	CCFD Fire Station 11 Redland	18265 S Redland Rd	Oregon City	High	2002			1			NEW	C	**W2**	**5.8**					W2	**5.8**	Low (<1%)
Clac_fir24	Clac_fir24A	Clackamas Co Fire Dist #1	CCFD Fire Station 12 Logan	18081 S Harding Rd	Oregon City	High	1985			1			FEMA154	C	**W2**	**5.8**					W2	**5.8**	Low (<1%)
Clac_fir04	Clac_fir04A	Clackamas Co Fire Dist #1	CCFD Fire Station 13 Clarkes	25675 S Beavercreek Rd	Beavercreek	High	1930			1			FEMA154	C	**W1**	**4.4**					W1	**4.4**	Low (<1%)
Clac_fir28	Clac_fir28A	Clackamas Co Fire Dist #1	CCFD Fire Station 14 Highland	22295 S Lower Highland Rd	Beavercreek	Moderate	1960			1			FEMA154	C	**RM1**	**2.8**					RM1	**2.8**	Low (<1%)
Clac_fir35	Clac_fir35A	Clackamas Co Fire Dist #1	CCFD Fire Station 15 John Ada	624 7th St	Oregon City	High	1925			2			FEMA154	B	**C2**	**2.8**					C2	**2.8**	Low (<1%)
Clac_fir36	Clac_fir36A	Clackamas Co Fire Dist #1	CCFD Fire Station 16 Hilltop	19340 S Molalla Ave	Oregon City	High	1972			1			FEMA154	C	**RM1**	**2.4**					RM1	**2.4**	Low (<1%)
Clac_fir51	Clac_fir51A	Clackamas Co Fire Dist #1	CCFD Fire Station 17 South En	19001 South End Rd	Oregon City	High	2002			1			NEW	C	**W2**	**5.8**					W2	**5.8**	Low (<1%)
Clac_fir26	Clac_fir26A	Clackamas Co Fire Dist #1	CCFD Fire Station 2 Milwaukie	3200 Se Harrison	Milwaukie	High	1992			2			FEMA154	C	**S2**	**2.6**					S2	**2.6**	Low (<1%)
Clac_fir27	Clac_fir27A	Clackamas Co Fire Dist #1	CCFD Fire Station 3 Oak Lodge	2930 Se Oak Grove Blvd	Milwaukie	High	1996			1			NEW	C	**W2**	**5.8**					W2	**5.8**	Low (<1%)
Clac_fir08	Clac_fir08A	Clackamas Co Fire Dist #1	CCFD Fire Station 4 Lake Road	6600 Se Lake Rd	Milwaukie	High	2000			2			NEW	B	**RM1**	**5.6**					RM1	**5.6**	Low (<1%)
Clac_fir13	Clac_fir13A	Clackamas Co Fire Dist #1	CCFD Fire Station 6 Happy Vall	12900 Se King Rd	Portland	High	1970			2			FEMA154	C	**W1**	**4.4**					W1	**4.4**	Low (<1%)
Clac_fir11	Clac_fir11A	Clackamas Co Fire Dist #1	CCFD Fire Station 8 Clackamas	16100 Se 130Th	Clackamas	High	1986			1			FEMA154	C	**W2**	**5.8**					W2	**5.8**	Low (<1%)
Clac_fir12	Clac_fir12A	Clackamas Co Fire Dist #1	CCFD Fire Station 8 Clackamas	15990 Se 130Th	Clackamas	High	1987			1			FEMA154	C	**W1**	**6.8**					W1	**6.8**	Low (<1%)
Clac_fir29	Clac_fir29A	Clackamas Co Fire Dist #1	CCFD Fire Station 9 Holcomb	300 Longview Wy	Oregon City	High	1970			1			FEMA154	B	**W1**	**4.4**					W1	**4.4**	Low (<1%)
Colu_fir10	Colu_fir10A	Clatskanie RFPD	Clatskanie Rural Fire	280 Se 3rd St	Clatskanie	High	1970	1970	1970	2	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**					W2	**0.9**	High (>10%)
Desc_fir12	Desc_fir12A	Cloverdale RFPD	Cloverdale RFPD	68787 George Cyrus Rd.	Cloverdale	Moderate	1980		1970	2	Medium-yes	Medium-yes	RVS2006	C	**W1**	**1.0**					W1	**1.0**	High (>10%)
Desc_fir16	Desc_fir16A	Cloverdale RFPD	Cloverdale RFPD	67433 Cloverdale Rd	Cloverdale	Moderate	1985		1970	1	Medium-yes		RVS2006	C	**W1**	**1.5**					W1	**1.5**	Moderate (>1%)
Desc_fir12	Desc_fir12B	Cloverdale RFPD	Cloverdale RFPD	68787 George Cyrus Rd	Cloverdale	Moderate	1980		1980	1	Medium-yes	Medium-yes	RVS2006	C	**W1**	**2.6**					W1	**2.6**	Low (<1%)
Lane_fir33	Lane_fir33A	Coburg RFPD	Coburg RFPD	91232 N Coburg Rd	Eugene	High			1970	1	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.5**					W2	**0.5**	High (>10%)
Clac_fir41	Clac_fir41A	Colton RFPD	Colton RFPD	20987 S Hwy 211	Colton	Moderate	1954						FEMA154	C	**W1**	**5.0**					W1	**5.0**	Low (<1%)
Clac_fir38	Clac_fir38A	Colton RFPD	Colton RFPD	24479 S Elwood Rd	Colton	Moderate	1995			1			NEW	B	**S3**	**3.8**					S3	**3.8**	Low (<1%)
Colu_fir01	Colu_fir01A	Columbia River Fire & Resc	Col R F&R Fire Station - Admin	270 Columbia Blvd	St Helens	High			1950	1		Low-minor	RVS2006	C	**RM1**	**2.4**					RM1	**2.4**	Low (<1%)
Colu_fir04	Colu_fir04B	Columbia River Fire & Resc	Col R F&R Fire Station - Columt	400 G st	Columbia City	High			1970	1		Medium-yes	RVS2006	C	**W2**	**2.9**					W2	**2.9**	Low (<1%)
Colu_fir04	Colu_fir04A	Columbia River Fire & Resc	Col R F&R Fire Station - Columt	415 G St	Columbia City	High			1970	1		Medium-yes	RVS2006	C	**W1**	**3.9**					W1	**3.9**	Low (<1%)
Colu_fir03	Colu_fir03A	Columbia River Fire & Resc	Col R F&R Fire Station - Deer Is	33710 Canaan Rd	Deer Island	High	1975	1975	1970	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					RM1	**0.7**	High (>10%)
Colu_fir02	Colu_fir02A	Columbia River Fire & Resc	Col R F&R Fire Station - Fairgro	58798 Saulser Rd	St Helens	High	1975	1975	1970	1	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**					RM1	**1.3**	Moderate (>1%)

OREGON RURAL FIRE PROTECTION DISTRICTS FACILITIES

Project Facility Tracking Data:

Site Unique ID	Building Unique ID	District_Name	RFPD Facility Name	Address	City	USGS Seismic Zone	Year Built	Field Plaque	Est Decade	Stories #	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	Soil	FEMA 154-Based Rapid Visual Screening Scores: Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Building Collapse Potential
Colu_fir15	Colu_fir15A	Columbia River Fire & Resc	Col R F&R Fire Station - Fernhil	73153 Doan Rd	Rainier	High			1980	2	Medium-yes		RVS2006	C	S3	2.8					S3	2.8	Low (<1%)
Colu_fir14	Colu_fir14A	Columbia River Fire & Resc	Col R F&R Fire Station - Goble	69321 Nicolai Rd	Goble	High			1980	2	Medium-yes		RVS2006	D	S3	2.6					S3	2.6	Low (<1%)
Colu_fir05	Colu_fir05A	Columbia River Fire & Resc	Col R F&R Fire Station - Mainte	58555 Mcnulty Wy	St Helens	High			1980	2	Medium-yes	Medium-yes	RVS2006	C	S3	2.3					S3	2.3	Low (<1%)
Colu_fir07	Colu_fir07A	Columbia River Fire & Resc	Col R F&R Fire Station - Rainier	211 W 2nd St	Rainier	High	1999	1999	1990	2	Medium-yes		NEW	D	S3	2.6					S3	2.6	Low (<1%)
Colu_fir06	Colu_fir06A	Columbia River Fire & Resc	Col R F&R Fire Station - St Hele	105 S 12th St	St Helens	High	1983	1983	1980	2	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Coos_fir01	Coos_fir01A	Coquille RFPD	Coquille Fire	89 W 3rd St	Coquille	Very High			1960	2	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	C1	0.1			C1	0.1	High (>10%)
Coos_fir20	Coos_fir20A	Coquille RFPD	Coquille Fire	91550 State Ln	Coquille	Very High			1980	1		Medium-yes	RVS2006	D	S3	2.1					S3	2.1	Low (<1%)
Coos_fir19	Coos_fir19A	Coquille RFPD	Coquille Fire	54390 Arago	Myrtle Point	Very High			1980	1		Medium-yes	RVS2006	C	S3	2.3					S3	2.3	Low (<1%)
Coos_fir21	Coos_fir21A	Coquille RFPD	Coquille Fire	11261 Hwy 42	Coquille	Very High			1990	1		Medium-yes	RVS2006	C	S3	2.3					S3	2.3	Low (<1%)
Unio_fir06	Unio_fir06A	Cove RFPD	Cove RFPD	607 Main	Cove	Moderate			1960	1	Medium-yes	Medium-yes	Secondary S	B	S3	3.3	RM1	1.1			RM1	1.1	Moderate (>1%)
Klam_fir15	Klam_fir15A	Crescent RFPD	Crescent RFPD	136727 Main St.	Crescent	Moderate			1940	1		Medium-yes	RVS2006	D	W1	4.1					W1	4.1	Low (<1%)
Klam_fir15	Klam_fir15B	Crescent RFPD	Crescent RFPD	136727 Main St.	Crescent	Moderate			1980	1		Medium-yes	RVS2006	D	W1	5.7					W1	5.7	Low (<1%)
Klam_fir14	Klam_fir14A	Crescent RFPD	Crescent-Odell Lakes RFPD	20400 Crescent Lake Hwy	Crescent Lake	Moderate			1990	2	Medium-yes	Low-minor	RVS2006	C	S3	3.2	W2	2.6			W2	2.6	Low (<1%)
Klam_fir14	Klam_fir14B	Crescent RFPD	Crescent-Odell Lakes RFPD	20400 Crescent Lake Hwy	Crescent Lake	High			1970	1			RVS2006	C	W2	3.4					W2	3.4	Low (<1%)
Lane_fir13	Lane_fir13A	Creswell RFPD	Creswell Station	55 1st St	Creswell	High			1950	2	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Croo_fir04	Croo_fir04A	Crook County RFPD	Crook County F & R - Juniper C	12051 SE Juniper Canyon Rc	Prineville	Moderate	2003						NEW	B									Low (<1%)
Croo_fir02	Croo_fir02A	Crook County RFPD	Crook County F & R - Main Stat	500 Ne Belknap	Prineville	Moderate	1977		1970	1	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Croo_fir02	Croo_fir02B	Crook County RFPD	Crook County F & R - Main Stat	500 Ne Belknap	Prineville	Moderate	1977		1970	1	Medium-yes	Medium-yes	RVS2006	D	RM1	(0.1)					RM1	(0.1)	Very High (100%)
Croo_fir03	Croo_fir03B	Crook County RFPD	Crook County F & R - Powell Bu	8900 SW Reif Rd	Powell Butte	Moderate	2003		1990	1	Medium-yes	Medium-yes	NEW	C	RM1	2.3					RM1	2.3	Low (<1%)
Croo_fir03	Croo_fir03A	Crook County RFPD	Crook County F & R - Powell Bu	8900 SW Reif Rd	Powell Butte	Moderate	2003		1990	1	Medium-yes	Medium-yes	NEW	C	W1	2.6					W1	2.6	Low (<1%)
Doug_fir30	Doug_fir30A	Days Creek RFPD	Days Creek FD	11450 Tiller Trail Hwy	Days Creek	High			1980	1	Medium-yes	Medium-yes	RVS2006	D	W1	3.8					W1	3.8	Low (<1%)
Hood_fir08	Hood_fir08A	Dee RFPD	Dee RFPD	5235 Lost Lake Road	Hood River	Moderate			1960	2		Medium-yes	RVS2006	D	RM1	1.9					RM1	1.9	Moderate (>1%)
Linc_fir17	Linc_fir17A	Depoe Bay RFPD	Depoe Bay RFPD	6445 Gleneden Beach Lp	Gleneden Beac	Very High	1995						NEW	D									Low (<1%)
Desc_fir17	Desc_fir17A	Deschutes County RFPD #2	Deschutes County RFPD #2	63377 Jamison St	Bend	Moderate	2000						NEW	B									Low (<1%)
Lane_fir37	Lane_fir37A	Dexter RFPD	Dexter RFPD	82781 Barbre Rd	Dexter	Moderate			1970	1	Medium-yes	Medium-yes	RVS2006	C	S3	2.7					S3	2.7	Low (<1%)
Doug_fir33	Doug_fir33A	Diamond Lake RFPD	Diamond Lake VFD	275 Resort Dr	Diamond Lake	Moderate			1970	1		Medium-yes	RVS2006	D	W1	4.1					W1	4.1	Low (<1%)
Coos_fir30	Coos_fir30A	Dora-Sitkum RFPD	Dora-Sitkum RFPD	56127 Gold Brick Rd.	Myrtle Point	Very High			1930	1	Medium-yes	Medium-yes	RVS2006	C	W1	1.4					W1	1.4	Moderate (>1%)
Doug_fir08	Doug_fir08A	Douglas Co Fire Dist #2	Douglas County Fire District 2	6000 Garden Valley Rd	Roseburg	High			1990	2	Medium-yes	Medium-yes	RVS2006	C	W1	3.8					W1	3.8	Low (<1%)
Doug_fir07	Doug_fir07A	Douglas Co Fire Dist #2	Douglas County Fire District 2	4200 SW Carnes Rd	Roseburg	High			1970	1		Medium-yes	RVS2006	C	W1	3.9					W1	3.9	Low (<1%)
Doug_fir09	Doug_fir09A	Douglas Co Fire Dist #2	Douglas County Fire District 2	125 Iverson Rd	Umpqua	High			1990	1			RVS2006	C	W1	6.8					W1	6.8	Low (<1%)
Doug_fir01	Doug_fir01B	Douglas Co Fire Dist #2	Douglas County Fire District 2 -	1400 Buckhorn Rd	Roseburg	High			1980	1		Medium-yes	RVS2006	C	S3	2.3					S3	2.3	Low (<1%)
Doug_fir01	Doug_fir01A	Douglas Co Fire Dist #2	Douglas County Fire District 2 -	1400 Buckhorn Rd	Roseburg	High			1970	1			RVS2006	C	S3	2.8					S3	2.8	Low (<1%)
Doug_fir05	Doug_fir05A	Douglas Co Fire Dist #2	Douglas County Fire District 2 -	6576 Old Hwy 99 N	Winchester	High			1970	1			RVS2006	B	W2	3.8					W2	3.8	Low (<1%)
Doug_fir06	Doug_fir06A	Douglas Co Fire Dist #2	Douglas County Fire District 2 -	4077 Melrose Rd	Roseburg	High			1970	1		Medium-yes	RVS2006	D	W1	3.9					W1	3.9	Low (<1%)
Mari_fir38	Mari_fir38A	Drakes Crossing RFPD	Drakes Crossing RFPD	19364 Powers Creek Loop Rc	Silverton	High			1970	1			RVS2006	B	S3	3.2					S3	3.2	Low (<1%)
Bake_fir12	Bake_fir12A	Eagle Valley RFPD	Eagle Valley Fire Dept	89 Main St	Richland	Moderate			1960	1		Medium-yes	RVS2006	D	RM1	1.9					RM1	1.9	Moderate (>1%)
Umat_fir07	Umat_fir07A	East Umatilla County RFPD	East Umatilla County RFPD	77167 Spring Hollow Rd	Adams	Moderate	1996		1990	1			NEW	C	S3	3.2					S3	3.2	Low (<1%)
Umat_fir08	Umat_fir08A	East Umatilla County RFPD	East Umatilla County RFPD	57770 Hwy 204	Weston	Moderate	1999		1980	1		Medium-yes	NEW	B	S3	3.3					S3	3.3	Low (<1%)
Umat_fir05	Umat_fir05A	East Umatilla County RFPD	East Umatilla County RFPD	103 W Main St	Weston	Moderate	1986		1940	1	Medium-yes	Medium-yes	RVS2006	B	C2	0.7					C2	0.7	High (>10%)
Umat_fir05	Umat_fir05B	East Umatilla County RFPD	East Umatilla County RFPD	103 W Main St	Weston	Moderate	1986		1960	1	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Umat_fir11	Umat_fir11A	Echo RFPD	Echo RFPD	301 W Main St	Echo	Moderate	1984		1970	1		Medium-yes	RVS2006	C	S3	2.7					S3	2.7	Low (<1%)
Doug_fir15	Doug_fir15A	Elkton RFPD	Elkton RFPD	25537 Hwy 138W	Elkton	High			1980	1	Medium-yes	Medium-yes	RVS2006	C	S3	2.3					S3	2.3	Low (<1%)
Clat_fir03	Clat_fir03A	Elsie-Vinemaple RFPD	Elsie-Vinemaple RFPD #11	81287 Bear Rd	Seaside	High			1970	2	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Clat_fir03	Clat_fir03B	Elsie-Vinemaple RFPD	Elsie-Vinemaple RFPD #11	81287 Bear rd	Seaside	High			1980	1			RVS2006	C	S3	2.8	W2	5.8			S3	2.8	Low (<1%)
Clac_fir19	Clac_fir19A	Estacada RFPD	Estacada RFPD	261 Se 5th Ave	Estacada	Moderate	1964			1			FEMA154	C	PC1	2.6					PC1	2.6	Low (<1%)
Clac_fir50	Clac_fir50A	Estacada RFPD	Estacada RFPD	40595 SE George Rd	Estacada	Moderate	1976			1			FEMA154	C	W1	5.0					W1	5.0	Low (<1%)
Jack_fir07	Jack_fir07A	Evans Valley Fire Dist #6	Evans Valley Fire District 6	8677 E Evans Creek Rd	Rogue River	High			1970	1	Low-minor	Low-minor	RVS2006	C	W2	3.4					W2	3.4	Low (<1%)
Doug_fir16	Doug_fir16A	Fair Oaks RFPD	Fair Oaks RFPD	6522 Nonpareil Rd	Sutherlin	High			1980	1		Medium-yes	RVS2006	C	S3	2.3					S3	2.3	Low (<1%)
Coos_fir06	Coos_fir06A	Fairview RFPD	Fairview RFPD	96755 Fairview Summer Ln	Coquille	Very High			1970	1	Low-minor	Medium-yes	RVS2006	C	S3	2.3					S3	2.3	Low (<1%)
Doug_fir39	Doug_fir39A	Gardiner RFPD	Gardiner RFPD	208 Marsh St	Gardiner	Very High			1950	1	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Wash_fir20	Wash_fir20A	Gaston RFPD	Gaston RFPD	102 E Main	Gaston	High			1980	1	Medium-yes	Low-minor	RVS2006	C	RM1	1.4					RM1	1.4	Moderate (>1%)
Wash_fir20	Wash_fir20B	Gaston RFPD	Gaston RFPD	102 E Main	Gaston	High			1980	1		Low-minor	RVS2006	C	W1	6.8					W1	6.8	Low (<1%)
Doug_fir31	Doug_fir31A	Glendale RFPD	Glendale FD #1	218 Windy Creek Rd	Glendale	High			2000	1		Medium-yes	NEW	C	S3	2.3					S3	2.3	Low (<1%)
Doug_fir18	Doug_fir18A	Glide RFPD	Glide RFPD	18910 N Umpqua Hwy	Glide	High			1970	1	Medium-yes	Medium-yes	RVS2006	C	W2	0.9					W2	0.9	High (>10%)
Lane_fir38	Lane_fir38A	Goshen RFPD	Goshen RFPD	85880 First St	Eugene	High			1970	1	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Coos_fir11	Coos_fir11A	Greenacres RFPD	Greenacres RFPD	93449 Greenacres Ln.	Coos Bay	Very High			1970	2	Medium-yes	Medium-yes	RVS2006	C	W1	1.4					W1	1.4	Moderate (>1%)
Linn_fir03	Linn_fir03A	Halsey-Shedd RFPD	Halsey-Shedd RFPD	740 W 2nd	Halsey	High	1974	1974	1970	1	Medium-yes	Low-minor	RVS2006	D	W2	1.0					W2	1.0	High (>10%)
Linn_fir18	Linn_fir18A	Halsey-Shedd RFPD	Halsey-Shedd RFPD	31922 B St	Shedd	High	1993		1990	2		Medium-yes	RVS2006	D	S3	2.1					S3	2.1	Low (<1%)
Linn_fir19	Linn_fir19A	Halsey-Shedd RFPD	Halsey-Shedd RFPD	29399 Abraham Dr	Shedd	High			1980	1			RVS2006	D	S3	2.6					S3	2.6	Low (<1%)
Linn_fir20	Linn_fir20A	Halsey-Shedd RFPD	Halsey-Shedd RFPD	31919 Oakville Dr	Shedd	High			1990	1			RVS2006	D	S3	2.6					S3	2.6	Low (<1%)
Clat_fir05	Clat_fir05A	Hamlet RFPD	Hamlet VFD Necanicum Station	37564 Hwy 26	Seaside	Very High			1980	1	Medium-yes	Medium-yes	RVS2006	C	W2	3.3					W2	3.3	Low (<1%)
Curr_fir07	Curr_fir07A	Harbor RFPD	Harbor RFPD	98069 W Benham Ln	Brookings	Very High			1960	1	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Curr_fir07	Curr_fir07B	Harbor RFPD	Harbor RFPD	98069 W Benham Ln	Brookings	Very High			1980	1		Medium-yes	RVS2006	B	S3	2.7					S3	2.7	Low (<1%)
Klam_fir11	Klam_fir11A	Harriman RFPD	Harriman RFPD	25600 Rocy Point Rd.	Klamath Falls	High			1980	1	Medium-yes	Medium-yes	RVS2006	D	S3	2.1	W1	3.8	RM1	0.7	RM1	0.7	High (>10%)
Linn_fir06	Linn_fir06A	Harrisburg Fire & Rescue	Harrisburg Fire & Rescue - Stati	500 Smith St	Harrisburg	High	1950	1950	1950	1	Medium-yes	Low-minor	RVS2006	D	PC2	0.8	S3	2.6	PC1	2.0	PC2	0.8	High (>10%)
Coos_fir12	Coos_fir12A	Hauser RFPD	Hauser RFPD	93622 Viking Ln	North Bend	Very High			1970	1		Medium-yes	RVS2006	D	S3	2.1					S3	2.1	Low (<1%)
Umat_fir01	Umat_fir01A	Helix RFPD	Helix RFPD 7	125 Concord	Helix	Moderate	1986		1970	1			RVS2006	C	S3	3.2					S3	3.2	Low (<1%)
Umat_fir04	Umat_fir04A	Hermiston Fire & Emergenc	Hermiston Fire & Emergency	330 S First	Hermiston	Moderate	1974		1970	1	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3					RM1	0.3	High (>10%)
Clac_fir31	Clac_fir31A	Hoodland RFPD	Hoodland RFPD 74	61388 E Hwy 26	Brightwood	Moderate	1970			1			FEMA154	D	RM1	2.4					RM1	2.4	Low (<1%)
Clac_fir05	Clac_fir05A	Hoodland RFPD	Hoodland RFPD 74	69634 E Hwy 26	Welches	Moderate	1970			1			FEMA154	D	W1	4.6					W1	4.6	Low (<1%)
Clac_fir30	Clac_fir30A	Hoodland RFPD	Hoodland RFPD 74	87600 E Government Camp L	Government Ca	Moderate	1980			1			FEMA154	D	W1	6.2					W1	6.2	Low (<1%)
Bent_fir11	Bent_fir11A	Hoskins - Kings Valley RFP	Hoskins - Kings Valley RFPD	38811 Hwy 223	Philomath	High			1980	1	Medium-yes	Medium-yes	RVS2006	B	W2	3.7					W2	3.7	Low (<1%)
Mari_fir15	Mari_fir15A	Hubbard RFPD	Hubbard RFPD	3161 2nd St	Hubbard	High	1975		1990	1	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7					RM1	0.7	High (>10%)
Mari_fir15	Mari_fir15B	Hubbard RFPD	Hubbard RFPD	3161 2nd St	Hubbard	High	1975		1970	1	Medium-yes	Medium-yes	RVS2006	D	PC1	1.5					PC1	1.5	Moderate (>1%)
Mari_fir40	Mari_fir40B	Idanha-Detroit RFPD	Idanha-Detroit RFPD	109 Highway 22 NW	Detroit	Moderate	1957		1970	1	Low-minor	Low-minor	RVS2006	D	S3	2.8					S3	2.8	Low (<1%)
Mari_fir40	Mari_fir40A	Idanha-Detroit RFPD	Idanha-Detroit RFPD	109 Highway 22 NW	Detroit	Moderate	1957		1940	2		Medium-yes	RVS2006	D	W1	4.1					W1	4.1	Low (<1%)
Unio_fir03	Unio_fir03A	Imbler RFPD	Imbler RFPD	180 Hwy 82	Imbler	Moderate	1977	1977	1970	1		Medium-yes	RVS2006	D	S3	2.3					S3	2.3	Low (<1%)
Unio_fir04	Unio_fir04A	Imbler RFPD	Imbler RFPD	310 Patton St	Summerville	Moderate			1990	1		Medium-yes	RVS2006	D	S3	2.3					S3	2.3	Low (<1%)

OREGON RURAL FIRE PROTECTION DISTRICTS FACILITIES

Project Facility Tracking Data:

Site Unique ID	Building Unique ID	District_Name	RFPD Facility Name	Address	City	USGS Seismic Zone	Year Built	Field Plaque	Est Decade	Stories #	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	Soil	FEMA 154-Based Rapid Visual Screening Scores: Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Building Collapse Potential
Morr_fir03	Morr_fir03A	Ione RFPD	Ione RFPD	160 W Main St.	Ione	Moderate			1980	1		Medium-yes	RVS2006	C	**S3**	**2.7**					**S3**	**2.7**	Low (<1%)
Jack_fir02	Jack_fir02A	Jackson Co Fire District #3	Jackson County Fire District #3	8333 Agate Rd	White City	Moderate	1977	1977	1970	2	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**	C1	(0.1)			**RM1**	**0.3**	High (>10%)
Jack_fir09	Jack_fir09A	Jackson Co Fire District #3	Jackson County Fire District 3	600 S Front St	Central Point	Moderate			1990	1	Medium-yes	Low-minor	RVS2006	D	**RM1**	**0.4**					**RM1**	**0.4**	High (>10%)
Jack_fir01	Jack_fir01A	Jackson Co Fire District #4	Jackson County Fire District #4	21200 Crater Lake HWY	Shady Cove	Moderate			1980	2	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**					**RM1**	**0.3**	High (>10%)
Jack_fir15	Jack_fir15A	Jackson Co Fire District #5	Jackson County Fire District #5	716 S Pacific Hwy	Talent	Moderate	2004						NEW	C									Low (<1%)
Jeff_fir02	Jeff_fir02A	Jefferson County RFPD	Jefferson County RFPD #1	765 S Adams Dr	Madras	Moderate	1997						NEW	C									Low (<1%)
Linn_fir27	Linn_fir27A	Jefferson RFPD	Jefferson RFPD	4310 Woods Rd NE	Millersburg	High			1970	1		Medium-yes	Secondary Sc	C	W2	2.9	**RM1**	**1.9**			**RM1**	**1.9**	Moderate (>1%)
Clat_fir10	Clat_fir10A	John Day RFPD	John Day RFPD	38885 Hwy 30	Astoria	Very High			1970	1		Medium-yes	RVS2006	C	**W2**	**2.9**					**W2**	**2.9**	Low (<1%)
Lane_fir56	Lane_fir56A	Junction City RFPD	Junction City RFPD	93145 Applegate Trail	Junction City	High			1990	1			RVS2006	C	**S3**	**2.8**					**S3**	**2.8**	Low (<1%)
Lane_fir23	Lane_fir23A	Junction City RFPD	Junction City RFPD	175 W 7th St	Junction City	High			1950	1	Medium-yes	Medium-yes	Secondary Sc	D	PC1	1.5	**C1**	**(0.1)**	W2	0.5	**C1**	**(0.1)**	Very High (100%)
Wasc_fir03	Wasc_fir03A	Juniper Flat RFPD	Juniper Flat Rural Fire	80501 HWY 216	Maupin	Moderate			2000	1			**NEW**	B	**S3**	**3.8**					**S3**	**3.8**	Low (<1%)
Wasc_fir03	Wasc_fir03B	Juniper Flat RFPD	Juniper Flat Rural Fire	80501 HWY 216	Maupin	Moderate			2000	1			**NEW**	B	**S3**	**3.8**					**S3**	**3.8**	Low (<1%)
Mari_fir44	Mari_fir44A	Keizer RFPD	Keizer Rire District	661 Chemawa Rd Ne	Keizer	High			1980	1			RVS2006	**E**	**S3**	**2.2**					**S3**	**2.2**	Low (<1%)
Doug_fir19	Doug_fir19A	Kellogg RFPD	Kellogg Volunteer FD	15214 Hwy 138W	Umpqua	High			1990	1		Medium-yes	RVS2006	C	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Klam_fir17	Klam_fir17A	Keno RFPD	Keno RFPD	14800 Puckett Rd	Keno	High	1975		1980	1		Medium-yes	RVS2006	D	**RM1**	**1.7**	W1	6.3			**RM1**	**1.7**	Moderate (>1%)
Klam_fir07	Klam_fir07A	Klamath Co Fire Dist #1	Klamath County Fire District 1	2342 Gettle St.	Klamath Falls	High	1948		1940	2	Medium-yes	Medium-yes	RVS2006	D	**URM**	**(0.3)**	RM1	(0.3)	S3	2.1	**URM**	**(0.3)**	Very High (100%)
Klam_fir02	Klam_fir02A	Klamath Co Fire Dist #1	Klamath County Fire District 1	143 N. Broad St.	Klamath Falls	High	1931	1931	1930	2		Medium-yes	RVS2006	D	**URM**	**0.5**					**URM**	**0.5**	High (>10%)
Klam_fir09	Klam_fir09A	Klamath Co Fire Dist #1	Klamath County Fire District 1	1661 Mitchell St.	Klamath Falls	High	1963		1960	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					**RM1**	**0.7**	High (>10%)
Klam_fir10	Klam_fir10A	Klamath Co Fire Dist #1	Klamath County Fire District 1	2581 Dahlia St.	Klamath Falls	High	1964		1970	1	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**					**RM1**	**1.3**	Moderate (>1%)
Klam_fir01	Klam_fir01A	Klamath Co Fire Dist #1	Klamath County Fire District 1	4801 Highway 97 N	Klamath Falls	High			1970	1			RVS2006	D	**RM1**	**2.2**					**RM1**	**2.2**	Low (<1%)
Klam_fir08	Klam_fir08A	Klamath Co Fire Dist #1	Klamath County Fire District 1	7110 Hillyard Ave	Klamath Falls	High	1978		1980	1			Secondary Sc	C	S3	2.8	S2	2.6	**RM1**	**2.4**	**RM1**	**2.4**	Low (<1%)
Klam_fir18	Klam_fir18A	Klamath County Fire District	Klamath County Fire District 4	4042 Balsam Dr	Klamath Falls	High	1955		1970	1	Medium-yes	Low-minor	RVS2006	B	**RM1**	**1.8**					**RM1**	**1.8**	Moderate (>1%)
Clat_fir09	Clat_fir09A	Knappa Fire District	Knappa Svensen RFPD	43114 Hillcrest Lp	Knappa	High			1980	1	Low-minor	Medium-yes	RVS2006	C	**W2**	**5.3**					**W2**	**5.3**	Low (<1%)
Clat_fir02	Clat_fir02A	Knappa Fire District	Knappa Svensen RFPD	92768 Keller Rd	Knappa	Very High			1980	1		Medium-yes	RVS2006	D	**W1**	**6.3**					**W1**	**6.3**	Low (<1%)
Desc_fir10	Desc_fir10A	La Pine RFPD	La Pine RFPD	51550 Huntington Rd	La Pine	Moderate	1988		1980	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					**RM1**	**(0.1)**	Very High (100%)
Desc_fir13	Desc_fir13A	La Pine RFPD	La Pine RFPD	15990 Burges Rd	La Pine	Moderate	1992		1970	1	Medium-yes	Medium-yes	RVS2006	D	**W1**	**0.6**					**W1**	**0.6**	High (>10%)
Desc_fir10	Desc_fir10B	La Pine RFPD	La Pine RFPD	51550 Huntington Rd	La Pine	Moderate	1988		1980	1	Medium-yes	Medium-yes	RVS2006	D	**W1**	**2.2**					**W1**	**2.2**	Low (<1%)
Unio_fir02	Unio_fir02A	LaGrande RFPD	LaGrande RFPD	10200 S Mcalister Rd	La Grande	Moderate	1992	1992	1990	1		Medium-yes	RVS2006	C	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Lane_fir10	Lane_fir10A	Lake Creek RFPD	Lake Creek Fire & Rescue	Horton & High Pass Rds	Blachly	High			1980	1			RVS2006	D	**S3**	**2.6**					**S3**	**2.6**	Low (<1%)
Lane_fir31	Lane_fir31A	Lake Creek RFPD	Lake Creek Fire & Rescue	19259 Hwy 36	Blachly	High			1960	1			RVS2006	C	**W1**	**4.4**					**W1**	**4.4**	Low (<1%)
Lane_fir32	Lane_fir32A	Lake Creek RFPD	Lake Creek Fire & Rescue - Sta	20451 Hwy 36	Blachly	High			1980	1		Low-minor	RVS2006	C	**S3**	**2.8**					**S3**	**2.8**	Low (<1%)
Jack_fir17	Jack_fir17A	Lake Creek RFPD	Lake Creek Rural Fire District	1584 S Fork Little Butte	Eagle Point	Moderate	1982	1982	1980	1	Medium-yes	Medium-yes	RVS2006	C	**W1**	**2.6**					**W1**	**2.6**	Low (<1%)
Coos_fir15	Coos_fir15B	Lakeside RFPD	Lakeside RFPD	115 North 9th St	Lakeside	Very High	1963	1972	1970	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					**RM1**	**0.7**	High (>10%)
Coos_fir15	Coos_fir15A	Lakeside RFPD	Lakeside RFPD	115 North 9th St	Lakeside	Very High	1963	1963	1960	2	Low-minor	Medium-yes	RVS2006	D	**RM1**	**1.7**					**RM1**	**1.7**	Moderate (>1%)
Coos_fir15	Coos_fir15C	Lakeside RFPD	Lakeside RFPD	115 North 9th St	Lakeside	Very High	1963		1990	1		Medium-yes	RVS2006	D	**W1**	**6.3**					**W1**	**6.3**	Low (<1%)
Lane_fir11	Lane_fir11A	Lane Co Fire Dist #1	Lane County Fire District 1	88794 Fountain Rd	Elmira	High			1960	2	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**	W1	1.4			**RM1**	**0.7**	High (>10%)
Lane_fir03	Lane_fir03A	Lane Co Fire Dist #1	Lane County Fire District 1	88050 Territorial Hwy	Veneta	High			1990	2	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					**RM1**	**0.7**	High (>10%)
Lane_fir58	Lane_fir58A	Lane Co Fire Dist #1	Lane County Fire District 1	23704 Butler Rd	Elmira	High			1980	1		Medium-yes	RVS2006	C	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Lane_fir76	Lane_fir76A	Lane Co Fire Dist #1	Lane County Fire District 1	86074 Central Rd	Eugene	High			1980	1	Medium-yes	Medium-yes	RVS2006	C	W1	3.8	**S3**	**2.3**			**S3**	**2.3**	Low (<1%)
Lane_fir77	Lane_fir77A	Lane Co Fire Dist #1	Lane County Fire District 1	27980 Spencer Creek Rd	Eugene	High			1980	1			RVS2006	C	**RM1**	**2.4**					**RM1**	**2.4**	Low (<1%)
Lane_fir61	Lane_fir61A	Lane Co Fire Dist #1	Lane County Fire District 1	84111 Lorane Hwy	Eugene	High			1970	1			RVS2006	C	**S3**	**2.8**					**S3**	**2.8**	Low (<1%)
Lane_fir12	Lane_fir12A	Lane Co Fire Dist #1	Lane County Fire District 1	87636 Central Rd	Eugene	High			1970	1			RVS2006	D	**W1**	**4.4**					**W1**	**4.4**	Low (<1%)
Lane_fir60	Lane_fir60A	Lane Co Fire Dist #1	Lane County Fire District 1	84501 McBeth Rd	Eugene	High			1980	1	Low-minor		RVS2006	C	**W1**	**6.8**					**W1**	**6.8**	Low (<1%)
Lane_fir59	Lane_fir59A	Lane Co Fire Dist #1	Lane County Fire District 1 - Wa	18796 Transformer Rd	Walton	High			1980	1		Medium-yes	RVS2006	C	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Lane_fir17	Lane_fir17A	Lane Rural Fire Rescue	Lane Rural Fire Rescue	91970 Territorial Rd	Eugene	High			1970	1	Medium-yes	Low-minor	RVS2006	C	**W1**	**1.9**					**W1**	**1.9**	Moderate (>1%)
Lane_fir18	Lane_fir18A	Lane Rural Fire Rescue	Lane Rural Fire Rescue	90825 Alvadore Rd	Alvadore	High			1970	1			RVS2006	D	**S3**	**2.6**					**S3**	**2.6**	Low (<1%)
Lane_fir19	Lane_fir19A	Lane Rural Fire Rescue	Lane Rural Fire Rescue	29999 Hallet St	Eugene	High			1980	1	Medium-yes		RVS2006	B	**S3**	**3.2**					**S3**	**3.2**	Low (<1%)
Lane_fir16	Lane_fir16A	Lane Rural Fire Rescue	Lane Rural Fire Rescue - Statior	22900 Hwy 36	Eugene	High			1980	1	Medium-yes	Medium-yes	RVS2006	C	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Curr_fir11	Curr_fir11A	Langlois RFPD	Langlois RFPD	94322 1st St	Langlois	Very High			1950	1		Medium-yes	RVS2006	C	**RM1**	**1.9**					**RM1**	**1.9**	Moderate (>1%)
Linn_fir09	Linn_fir09A	Lebanon Fire District	Lebanon Fire District Station 31	1050 W Oak St	Lebanon	Moderate			1970	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**	C2	(0.1)	W2	0.1	**RM1**	**(0.1)**	Very High (100%)
Linn_fir02	Linn_fir02A	Lebanon Fire District	Lebanon Fire District Station 32	34128 E Lacomb Rd.	Lebanon	Moderate	1977		1980	1		Medium-yes	RVS2006	C	**S3**	**2.7**					**S3**	**2.7**	Low (<1%)
Linn_fir01	Linn_fir01A	Lebanon Fire District	Lebanon Fire District Station 33	30570 Fairview Rd	Lebanon	Moderate	1986		1980	1	Low-minor	Medium-yes	RVS2006	C	**S3**	**2.7**					**S3**	**2.7**	Low (<1%)
Clat_fir08	Clat_fir08A	Lewis & Clark RFPD	Lewis & Clark RFPD	34571 Hwy 105	Astoria	Very High			1950	1		Medium-yes	RVS2006	D	**C2**	**1.7**					**C2**	**1.7**	Moderate (>1%)
Clat_fir08	Clat_fir08B	Lewis & Clark RFPD	Lewis & Clark RFPD	34571 Hwy 105	Astoria	Very High			1990	1		Medium-yes	RVS2006	D	**W1**	**6.3**					**W1**	**6.3**	Low (<1%)
Gran_fir06	Gran_fir06A	Long Creek FD	Long Creek FD	250 Hardisty St	Long Creek	Moderate			1980	1	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**					**RM1**	**0.3**	High (>10%)
Gran_fir06	Gran_fir06B	Long Creek FD	Long Creek FD	250 Hardisty St	Long Creek	Moderate			1950	1	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**					**RM1**	**0.3**	High (>10%)
Doug_fir27	Doug_fir27A	Lookingglass VFD	Lookingglass VFD	7173 Lookingglass Rd	Roseburg	High			1970	1		Medium-yes	RVS2006	C	**RM1**	**1.9**					**RM1**	**1.9**	Moderate (>1%)
Lane_fir20	Lane_fir20A	Lorane RFPD	Lorane RFPD	80287 Old Lorane Rd	Lorane	High			1970	1	Medium-yes	Medium-yes	RVS2006	C	**W1**	**1.4**					**W1**	**1.4**	Moderate (>1%)
Wall_fir05	Wall_fir05A	Lostine VFD	Lostine VFD	128 Hwy 82	Lostine	Moderate			1960	1	Medium-yes	Medium-yes	RVS2006	D	**W1**	**0.6**					**W1**	**0.6**	High (>10%)
Lane_fir21	Lane_fir21A	Lowell RFPD	Lowell RFPD	389 North Pioneer St	Lowell	Moderate			1970	2	Medium-yes	Medium-yes	RVS2006	C	**S3**	**2.7**					**S3**	**2.7**	Low (<1%)
Linn_fir11	Linn_fir11A	Lyons RFPD	Lyons RFPD	1114 Main St	Lyons	Moderate	1998						NEW	D									Low (<1%)
Lane_fir78	Lane_fir78A	Mapleton RFPD	Mapleton Fire Station	10940 Hwy 36	Mapleton	Very High			1980	1	Medium-yes	Medium-yes	RVS2006	D	**W2**	**2.9**					**W2**	**2.9**	Low (<1%)
Mari_fir08	Mari_fir08A	Marion County Fire District	Marion County Fire District 1	4910 Brooklake Rd NE	Salem	High	2001						NEW	D									Low (<1%)
Mari_fir31	Mari_fir31A	Marion County Fire District	Marion County Fire District 1	8001 Wheatland Rd	Keizer	High	2006						NEW	D									Low (<1%)
Mari_fir28	Mari_fir28A	Marion County Fire District	Marion County Fire District 1	7214 Labish Center Rd	Salem	High	1968	1968	1960	1		Medium-yes	RVS2006	D	**RM1**	**1.7**					**RM1**	**1.7**	Moderate (>1%)
Mari_fir33	Mari_fir33A	Marion County Fire District	Marion County Fire District 1	2218 84th Ave SE	Salem	High			1990	2	Low-minor		RVS2006	B	**S3**	**3.2**					**S3**	**3.2**	Low (<1%)
Mari_fir07	Mari_fir07E	Marion County Fire District	Marion County Fire District 1 - B	300 Cordon Rd NE	Salem	High	1971		1990	1			RVS2006	D	**S3**	**2.6**					**S3**	**2.6**	Low (<1%)
Mari_fir07	Mari_fir07D	Marion County Fire District	Marion County Fire District 1 - B	300 Cordon Rd NE	Salem	High	1971		1980	1		Medium-yes	RVS2006	D	**S3**	**2.1**					**S3**	**2.1**	Low (<1%)
Mari_fir07	Mari_fir07F	Marion County Fire District	Marion County Fire District 1 - B	300 Cordon Rd NE	Salem	High	1971		1970	1		Medium-yes	RVS2006	D	**W1**	**3.9**					**W1**	**3.9**	Low (<1%)
Mari_fir07	Mari_fir07C	Marion County Fire District	Marion County Fire District 1 - B	300 Cordon Rd NE	Salem	High	1971		1980	1		Medium-yes	RVS2006	D	**S3**	**2.1**					**S3**	**2.1**	Low (<1%)
Mari_fir07	Mari_fir07G	Marion County Fire District	Marion County Fire District 1 - C	300 Cordon Rd NE	Salem	High	1971		1990	1			Secondary Sc	D	C2	4.6	**PC1**	**2.0**			**PC1**	**2.0**	Moderate (>1%)
Mari_fir07	Mari_fir07A	Marion County Fire District	Marion County Fire District 1 - C	300 Cordon Rd NE	Salem	High	1971	1971	1970	2	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					**RM1**	**0.7**	High (>10%)
Mari_fir07	Mari_fir07B	Marion County Fire District	Marion County Fire District 1 - C	300 Cordon Rd NE	Salem	High	1971	1971	1970	2	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					**RM1**	**0.7**	High (>10%)
Mari_fir30	Mari_fir30A	Marion County Fire District	Marion County Fire District 1 Pra	8885 Sunnyview Rd NE	Salem	High			2000	2	Low-minor		**NEW**	D	**S3**	**2.6**					**S3**	**2.6**	Low (<1%)
Mari_fir29	Mari_fir29A	Marion County Fire District	Marion County Fire District 1 Sta	3820 Cordon Rd NE	Salem	High	1977		1990	2	Medium-yes		RVS2006	D	**S3**	**2.6**					**S3**	**2.6**	Low (<1%)
Lane_fir27	Lane_fir27A	Mckenzie Fire & Rescue	Mckenzie Fire & Rescue	37818 Camp Creek Rd	Springfield	Moderate			2000	1		Medium-yes	**NEW**	D	**W2**	**4.7**					**W2**	**4.7**	Low (<1%)
Lane_fir25	Lane_fir25A	Mckenzie Fire & Rescue	Mckenzie Fire & Rescue	45627 Gate Creek Rd	Vida	Moderate			2000	1		Medium-yes	**NEW**	C	**W2**	**5.1**					**W2**	**5.1**	Low (<1%)
Lane_fir09	Lane_fir09A	Mckenzie Fire & Rescue	Mckenzie Fire & Rescue	38925 Mckenzie Highway	Springfield	Moderate			1960	1	Medium-yes		RVS2006	D	**W2**	**0.6**					**W2**	**0.6**	High (>10%)

OREGON RURAL FIRE PROTECTION DISTRICTS FACILITIES

Project Facility Tracking Data:

Site Unique ID	Building Unique ID	District_Name	RFPD Facility Name	Address	City	USGS Seismic Zone	Year Built	Field Plaque	Est Decade	Stories #	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	Soil	FEMA 154-Based Rapid Visual Screening Scores: Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Building Collapse Potential
Lane_fir26	Lane_fir26A	Mckenzie Fire & Rescue	Mckenzie Fire & Rescue	42870 Mckenzie Hwy	Leaburg	Moderate			1970	1		Medium-yes	RVS2006	D	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Lane_fir24	Lane_fir24A	Mckenzie Fire & Rescue	Mckenzie Fire & Rescue	49243 Mckenzie Highway	Vida	Moderate			1980	1		Medium-yes	RVS2006	C	**W2**	**5.1**					**W2**	**5.1**	Low (<1%)
Klam_fir16	Klam_fir16A	Merrill RFPD	Merrill RFPD	216 Main St.	Merrill	High			1950	1		Medium-yes	RVS2006	D	**RM1**	**1.7**					**RM1**	**1.7**	Moderate (>1%)
Klam_fir16	Klam_fir16B	Merrill RFPD	Merrill RFPD	216 Main St.	Merrill	High			1960	1		Medium-yes	RVS2006	D	**RM1**	**1.7**					**RM1**	**1.7**	Moderate (>1%)
Wasc_fir02	Wasc_fir02A	Mid-Columbia Fire & Rescu	Mid-Columbia Fire & Rescue	1400 W 8th St	The Dalles	Moderate	1998						NEW	C									Low (<1%)
Wasc_fir01	Wasc_fir01A	Mid-Columbia Fire & Rescu	Mid-Columbia Fire & Rescue	525 Wasco Dr	The Dalles	Moderate			1990	1		Medium-yes	RVS2006	C	**S3**	**2.7**					**S3**	**2.7**	Low (<1%)
Linn_fir13	Linn_fir13A	Mill City RFPD	Mill City Fire Department	400 S 1st Ave	Mill City	Moderate	1992		1990	2	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					**RM1**	**(0.1)**	Very High (100%)
Linn_fir13	Linn_fir13B	Mill City RFPD	Mill City Fire Department	400 S 1st Ave	Mill City	Moderate	1992		1990	1	Medium-yes	Medium-yes	RVS2006	D	**W1**	**2.2**					**W1**	**2.2**	Low (<1%)
Coos_fir22	Coos_fir22A	Millington Fire Dist #5	Millington RFD #5	62866 Millington Frontage Rd	Coos Bay	Very High	1964		1960	1		Medium-yes	RVS2006	D	**S3**	**2.1**					**S3**	**2.1**	Low (<1%)
Coos_fir33	Coos_fir33A	Millington Fire Dist #5	Millington RFD #5	62274 Olive Barber Rd.	Coos Bay	Very High			1980	1		Medium-yes	RVS2006	C	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Doug_fir34	Doug_fir34A	Milo RFPD	Milo RFPD	21484 Tiller Trail Hwy	Days Creek	High			1990	1		Medium-yes	RVS2006	C	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Lane_fir66	Lane_fir66A	Mohawk Valley RFD	Mohawk Valley RFD	90605 Nadeau Rd	Springfield	Moderate			1980	1		Medium-yes	RVS2006	D	**W1**	**5.7**					**W1**	**5.7**	Low (<1%)
Lane_fir22	Lane_fir22A	Mohawk Valley RFD	Mohawk Valley RFD	94040 Marcola Rd	Marcola	Moderate			1990	1	Low-minor	Medium-yes	RVS2006	C	**W1**	**6.1**					**W1**	**6.1**	Low (<1%)
Lane_fir64	Lane_fir64A	Mohawk Valley RFD	Mohawk Valley RFD	37467 Parsons Creek Rd	Springfield	Moderate			1980	1		Medium-yes	RVS2006	C	**W1**	**6.1**					**W1**	**6.1**	Low (<1%)
Lane_fir67	Lane_fir67A	Mohawk Valley RFD	Mohawk Valley RFD	89672 Hill Rd	Springfield	Moderate			1980	1		Medium-yes	RVS2006	B	**W1**	**6.3**					**W1**	**6.3**	Low (<1%)
Lane_fir65	Lane_fir65A	Mohawk Valley RFD	Mohawk Valley RFD	92068 Marcola Rd	Springfield	Moderate			1980	2	Medium-yes	Medium-yes	Secondary S	C	W2	2.1	**RM1**	**0.3**			**RM1**	**0.3**	High (>10%)
Clac_fir16	Clac_fir16A	Molalla RFPD	Molalla RFPD 73	27689 S Hwy 213	Mulino	High	1970			1			FEMA154	D	**RM1**	**2.2**					**RM1**	**2.2**	Low (<1%)
Clac_fir18	Clac_fir18A	Molalla RFPD	Molalla RFPD 73	320 N Molalla Ave	Molalla	High	1967			1			FEMA154	C	**W2**	**3.4**					**W2**	**3.4**	Low (<1%)
Clac_fir17	Clac_fir17A	Molalla RFPD	Molalla RFPD 73	36715 S Sawtell Rd	Molalla	High	1970			1			FEMA154	C	**W1**	**4.4**					**W1**	**4.4**	Low (<1%)
Mari_fir41	Mari_fir41A	Monitor RFPD	Monitor RFPD #58	15240 Woodburn Monitor Rd	Woodburn	High	1994		1970	2	Medium-yes	Low-minor	NEW	C	**S3**	**2.8**					**S3**	**2.8**	Low (<1%)
Bent_fir12	Bent_fir12B	Monroe RFPD	Monroe RFPD	680 Commercial St.	Monroe	High			1940	1	Medium-yes	Medium-yes	RVS2006	C	**URM**	**(0.3)**					**URM**	**(0.3)**	Very High (100%)
Bent_fir02	Bent_fir02A	Monroe RFPD	Monroe RFPD	26764 Bellfountain Rd	Monroe	High			1970	1		Medium-yes	RVS2006	B	**S3**	**2.7**					**S3**	**2.7**	Low (<1%)
Bent_fir12	Bent_fir12A	Monroe RFPD	Monroe RFPD	680 Commercial St	Monroe	High			1990	1	Medium-yes	Low-minor	RVS2006	C	**S3**	**2.8**					**S3**	**2.8**	Low (<1%)
Bent_fir01	Bent_fir01A	Monroe RFPD	Monroe RFPD	25483 Bellfountain Rd	Monroe	High			1990	1			RVS2006	C	**S3**	**2.8**					**S3**	**2.8**	Low (<1%)
Sher_fir03	Sher_fir03A	Moro RFPD	Moro RFPD	309 Dewey St	Moro	Moderate			2000	1			**NEW**	C	**S3**	**3.2**					**S3**	**3.2**	Low (<1%)
Bake_fir14	Bake_fir14A	Mosquito Flat North RFPD	Mosquito Flat North RFPD	39744 Sumpter Valley Hwy	Sumpter	Moderate			1990	1			RVS2006	B	**S3**	**3.8**					**S3**	**3.8**	Low (<1%)
Mult_fir46	Mult_fir46A	Multnomah County RFPD 14	Multnomah County RFPD 14 Air	40750 Gordon Creek Rd	Corbett	Moderate			1990	1			RVS2006	C	**S3**	**3.2**					**S3**	**3.2**	Low (<1%)
Mult_fir38	Mult_fir38A	Multnomah County RFPD 14	Multnomah County RFPD 14 Cc	36930 E HISTORIC COLUME	Corbett	High	1968		1970	1		Medium-yes	RVS2006	C	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Mult_fir38	Mult_fir38B	Multnomah County RFPD 14	Multnomah County RFPD 14 Cc	36930 E HISTORIC COLUME	Corbett	High	1968		1970	1			Secondary S	C	S3	2.8	**C2**	**2.4**			**C2**	**2.4**	Low (<1%)
Mult_fir45	Mult_fir45A	Multnomah County RFPD 14	Multnomah County RFPD 14 Sp	31727 E Historic Columbia Ri	Corbett	Moderate	1968		1970	1		Medium-yes	RVS2006	C	**RM1**	**2.3**					**RM1**	**2.3**	Low (<1%)
Till_fir04	Till_fir04A	Nestucca RFPD	Nestucca RFPD	34325 Hwy 101 S	Cloverdale	Very High	1900		1930	1	Medium-yes	Medium-yes	RVS2006	C	**C2**	**(0.1)**	C1	(1.1)	W2	(0.1)	**C2**	**(0.1)**	Very High (100%)
Till_fir04	Till_fir04B	Nestucca RFPD	Nestucca RFPD	34325 Hwy 101 S	Cloverdale	Very High	1900		1960	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					**RM1**	**0.7**	High (>10%)
Till_fir14	Till_fir14A	Nestucca RFPD	Nestucca RFPD Beaver #83	20055 Blaine Road	Beaver	Very High			1990	1	Medium-yes	Medium-yes	RVS2006	D	**W2**	**2.9**					**W2**	**2.9**	Low (<1%)
Till_fir14	Till_fir14B	Nestucca RFPD	Nestucca RFPD Beaver #83	20055 Blaine Road	Beaver	Very High			1980	1		Medium-yes	RVS2006	D	**W1**	**6.3**					**W1**	**6.3**	Low (<1%)
Till_fir15	Till_fir15A	Nestucca RFPD	Nestucca RFPD Blaine #86	32750 Upper Nestucca River	Blaine	Very High			1980	1	Medium-yes	Medium-yes	RVS2006	D	**W2**	**2.9**					**W2**	**2.9**	Low (<1%)
Till_fir13	Till_fir13A	Nestucca RFPD	Nestucca RFPD Neskowin #84	48000 Hwy 101 S	Neskowin	Very High			1970	1	Medium-yes	Medium-yes	RVS2006	C	**W1**	**1.4**					**W1**	**1.4**	Moderate (>1%)
Till_fir11	Till_fir11A	Nestucca RFPD	Nestucca RFPD Pacific City #82	35105 Brooten Road	Pacific City	Very High			1960	2		Medium-yes	RVS2006	**E**	**RM1**	**1.9**					**RM1**	**1.9**	Moderate (>1%)
Till_fir11	Till_fir11B	Nestucca RFPD	Nestucca RFPD Pacific City #82	35105 Brooten Road	Pacific City	Very High			1940	1		Medium-yes	RVS2006	**E**	**W1**	**3.9**					**W1**	**3.9**	Low (<1%)
Till_fir12	Till_fir12A	Nestucca RFPD	Nestucca RFPD Sandlake #85	20965 Sandlake Road	Sandlake	Very High			1970	2	Medium-yes		RVS2006	D	**W1**	**1.9**					**W1**	**1.9**	Moderate (>1%)
Till_fir10	Till_fir10A	Netarts - Oceanside RFPD	Netarts - Oceanside RFPD Stati	1559 Pacific Ave	Oceanside	Very High			1960	1	Low-minor	Medium-yes	RVS2006	C	**RM1**	**1.9**					**RM1**	**1.9**	Moderate (>1%)
Till_fir03	Till_fir03B	Netarts - Oceanside RFPD	Netarts-Oceanside RFPD Statio	1235 5th St Loop	Netarts	Very High			1970	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					**RM1**	**0.7**	High (>10%)
Till_fir03	Till_fir03A	Netarts - Oceanside RFPD	Netarts-Oceanside RFPD Statio	1235 5th St Loop	Netarts	Very High			1950	1	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.5**					**W2**	**0.5**	High (>10%)
Till_fir03	Till_fir03C	Netarts - Oceanside RFPD	Netarts-Oceanside RFPD Statio	1235 5th St Loop	Netarts	Very High			1980	1	Medium-yes	Medium-yes	RVS2006	D	**W1**	**3.8**					**W1**	**3.8**	Low (<1%)
Coos_fir29	Coos_fir29A	North Bay RFPD	North Bay RFPD	67577 East Bay Rd	North Bend	Very High			1980	1	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**	W1	3.8			**RM1**	**0.9**	High (>10%)
Doug_fir02	Doug_fir02A	North Douglas County Fire &	North Douglas County Fire & EN	531 S Cedar St	Drain	High			1970	1	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**	S3	2.3			**RM1**	**0.9**	High (>10%)
Doug_fir02	Doug_fir02B	North Douglas County Fire &	North Douglas County Fire & EN	531 S Cedar St	Drain	High			1970	1		Medium-yes	RVS2006	C	**RM1**	**1.9**					**RM1**	**1.9**	Moderate (>1%)
Doug_fir04	Doug_fir04A	North Douglas County Fire &	North Douglas County Fire & EN	222 Alder St	Yoncalla	High			1990	1		Medium-yes	RVS2006	C	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Doug_fir42	Doug_fir42A	North Douglas County Fire &	North Douglas County Fire & EN	300 Curtin Park Rd	Curtin	High			1970	2	Low-minor	Medium-yes	RVS2006	C	**W1**	**3.9**					**W1**	**3.9**	Low (<1%)
Doug_fir43	Doug_fir43A	North Douglas County Fire &	North Douglas County Fire & EN	560 Scotts Valley Rd	Yoncalla	High			1980	1		Medium-yes	RVS2006	C	**W2**	**5.3**					**W2**	**5.3**	Low (<1%)
Doug_fir13	Doug_fir13A	North Douglas County Fire &	North Douglas County Fire & EN	475 John Long Rd	Oakland	High			1980	1		Medium-yes	RVS2006	C	**W1**	**6.3**					**W1**	**6.3**	Low (<1%)
Doug_fir44	Doug_fir44A	North Douglas County Fire &	North Douglas Fire & EMS - Sta	4821 Goodrich Hwy	Oakland	High			1970	1		Medium-yes	RVS2006	B	**W1**	**3.9**					**W1**	**3.9**	Low (<1%)
Gill_fir02	Gill_fir02A	North Gilliam County RFPD	North Gilliam County RFPD	1500 Cottonwood St	Arlington	Moderate			1970	1		Medium-yes	RVS2006	C	**S3**	**2.7**					**S3**	**2.7**	Low (<1%)
Linc_fir16	Linc_fir16A	North Lincoln Fire & Rescue	North Lincoln Fire & Rescue	4520 Se Hwy 101	Lincoln City	Very High	1998						NEW	B									Low (<1%)
Linc_fir03	Linc_fir03A	North Lincoln Fire & Rescue	North Lincoln Fire & Rescue	5284 Salmon River Hwy	Rose Lodge	Very High			1970	1	Low-minor	Medium-yes	RVS2006	C	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Linc_fir12	Linc_fir12A	North Lincoln Fire & Rescue	North Lincoln Fire & Rescue	914 SW 4th St	Lincoln City	Very High			1960	1			RVS2006	B	**RM1**	**2.8**					**RM1**	**2.8**	Low (<1%)
Linc_fir03	Linc_fir03B	North Lincoln Fire & Rescue	North Lincoln Fire & Rescue	5284 Salmon River Hwy	Rose Lodge	Very High			1970	1	Low-minor	Medium-yes	RVS2006	C	**W1**	**3.9**					**W1**	**3.9**	Low (<1%)
Linc_fir01	Linc_fir01A	North Lincoln Fire & Rescue	North Lincoln Fire & Rescue	2525 NW Hwy 101	Lincoln City	Very High	1991	1991	1990	2	Medium-yes	Medium-yes	Secondary S	B	W2	3.7	**RM1**	**1.3**			**RM1**	**1.3**	Moderate (>1%)
Linc_fir14	Linc_fir14A	North Lincoln Fire & Rescue	North Lincoln Fire & Rescue - K	37625 Siletz River Hwy	Lincoln City	Very High			1970	1		Medium-yes	RVS2006	B	**S3**	**2.7**					**S3**	**2.7**	Low (<1%)
Linc_fir02	Linc_fir02A	North Lincoln Fire & Rescue	North Lincoln Fire & Rescue - O	381 Old Scenic Hwy	Otis	Very High			1970	1		Medium-yes	RVS2006	C	**W1**	**3.9**					**W1**	**3.9**	Low (<1%)
Unio_fir05	Unio_fir05A	North Powder RFPD	North Powder RFPD	919 E St	North Powder	Moderate			1970	1		Medium-yes	RVS2006	D	**RM1**	**1.9**					**RM1**	**1.9**	Moderate (>1%)
Sher_fir01	Sher_fir01A	North Sherman County RFF	North Sherman County RFPD W	81 Armsworthy St	Wasco	Moderate			1950	1		Medium-yes	RVS2006	C	**RM1**	**2.3**					**RM1**	**2.3**	Low (<1%)
Doug_fir21	Doug_fir21A	Oakland RFD	Oakland RFD	117 SE 3rd St	Oakland	High	1951	1951	1950	1	Medium-yes	Medium-yes	RVS2006	B	**URM**	**0.3**					**URM**	**0.3**	High (>10%)
Hood_fir02	Hood_fir02A	Odell RFPD	Odell RFPD	3431 O'Dell Highway	Hood River	Moderate	1954	1954	1950	1	Medium-yes	Medium-yes	RVS2006	C	**C2**	**0.3**					**C2**	**0.3**	High (>10%)
Hood_fir03	Hood_fir03B	Odell RFPD	Odell RFPD	3431 O'Dell Highway	Hood River	High			1990	1		Medium-yes	RVS2006	C	**RM1**	**1.9**					**RM1**	**1.9**	Moderate (>1%)
Hood_fir02	Hood_fir02C	Odell RFPD	Odell RFPD	3431 O'Dell Highway	Hood River	Moderate	1954		1990	1		Medium-yes	RVS2006	C	**RM1**	**2.3**					**RM1**	**2.3**	Low (<1%)
Curr_fir08	Curr_fir08A	Ophir RFPD	Ophir RFPD	32888 Nesika Road	Gold Beach	Very High			1950	1	Medium-yes		RVS2006	D	RM1	1.2	**W2**	**1.0**			**W2**	**1.0**	High (>10%)
Hood_fir01	Hood_fir01A	Parkdale RFPD	Parkdale RFPD	4895 Baseline Dr	Mount Hood Pa	Moderate	1990	1990	1990	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					**RM1**	**(0.1)**	Very High (100%)
Hood_fir09	Hood_fir09A	Parkdale RFPD	Parkdale RFPD	6573 Highway 35	Parkdale	Moderate			1960	1		Medium-yes	RVS2006	D	**RM1**	**1.9**					**RM1**	**1.9**	Moderate (>1%)
Bent_fir10	Bent_fir10A	Philomath RFPD	Philomath RFPD	1035 Main St	Philomath	High	1982	1982	1980	2	Medium-yes	Medium-yes	Secondary S	B	W2	3.7	**RM1**	**1.3**			**RM1**	**1.3**	Moderate (>1%)
Umat_fir12	Umat_fir12A	Pilot Rock RFPD	Pilot Rock RFPD	Ne 4th & Ne Elm	Pilot Rock	Moderate	1987		1970	1		Medium-yes	RVS2006	C	**S3**	**2.7**					**S3**	**2.7**	Low (<1%)
Hood_fir03	Hood_fir03A	Pine Grove VFD	Pine Grove VFD	2995 Van Horn Drive	Hood River	Moderate			1950	1	Medium-yes	Medium-yes	RVS2006	C	**C2**	**0.3**					**C2**	**0.3**	High (>10%)
Hood_fir03	Hood_fir03C	Pine Grove VFD	Pine Grove VFD	2995 Van Horn Drive	Hood River	Moderate			1970	1		Medium-yes	RVS2006	C	**PC1**	**2.1**					**PC1**	**2.1**	Low (<1%)
Wasc_fir06	Wasc_fir06A	Pine Hollow VFD	Pine Hollow VFD	11 S County Rd	Tygh Valley	Moderate	2003						NEW	C									Low (<1%)
Bake_fir03	Bake_fir03A	Pine Valley RFPD	Pine Valley RFPD	125 W Record St	Halfway	Moderate	1960		1960	1		Medium-yes	RVS2006	D	**RM1**	**1.9**	W1	4.1			**RM1**	**1.9**	Moderate (>1%)
Curr_fir09	Curr_fir09B	Pistol River Fire District	Pistol River Fire District	24686 Pistol River Loop E	Pistol River	Very High			1940	1		Medium-yes	RVS2006	D	**W1**	**3.9**					**W1**	**3.9**	Low (<1%)
Curr_fir09	Curr_fir09A	Pistol River Fire District	Pistol River Fire District	24686 Pistol River Loop E	Pistol River	Very High			1980	1		Medium-yes	RVS2006	D	**W1**	**6.3**					**W1**	**6.3**	Low (<1%)
Lane_fir04	Lane_fir04A	Pleasant Hill RFPD	Pleasant Hill RFPD	36024 Highway 58	Pleasant Hill	Moderate			1970	2	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.1**	S3	2.3			**W2**	**0.1**	High (>10%)
Lane_fir40	Lane_fir40A	Pleasant Hill RFPD	Pleasant Hill RFPD Station #2	36751 Jasper Lowell Rd	Jasper	Moderate			1980	1		Medium-yes	RVS2006	C	**W1**	**6.1**					**W1**	**6.1**	Low (<1%)

OREGON RURAL FIRE PROTECTION DISTRICTS FACILITIES

Project Facility Tracking Data:

Site Unique ID	Building Unique ID	District_Name	RFPD Facility Name	Address	City	USGS Seismic Zone	Year Built	Field Plaque	Est Decade	Stories #	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	Soil	FEMA 154-Based Rapid Visual Screening Scores: Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Building Collapse Potential
Polk_fir01	Polk_fir01A	Polk County Fire Dist #1	Polk County Fire Dist 1	1800 Monmouth St	Independence	High			1990	2	Medium-yes	Medium-yes	Secondary S	D	S3	2.1	**RM1**	**0.7**			**RM1**	**0.7**	High (>10%)
Jack_fir06	Jack_fir06A	Rogue River RFPD	Rogue River Rural Fire Dist	5474 N River Rd	Gold Hill	High			1970	2	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.5**	RM1	0.7			**W2**	**0.5**	High (>10%)
Jose_fir06	Jose_fir06A	Rural/Metro Fire Dept	Rural/Metro Fire Dept	2375 Foothill Blvd.	Grants Pass	High	1997		1990	1	Medium-yes		NEW	C	RM1	1.4	W2	3.8			RM1	1.4	Low (<1%)
Jose_fir20	Jose_fir20A	Rural/Metro Fire Dept	Rural/Metro Fire Dept	807 NE 6th St	Grants Pass	High	1920		Pre 1900	1	Medium-yes	Medium-yes	RVS2006	C	W1	1.4					W1	1.4	Moderate (>1%)
Clac_fir37	Clac_fir37A	Sandy FFPD	Sandy FFPD 72	17460 Bruns Ave	Sandy	Moderate	1965		2				FEMA154	C	**RM1**	**2.8**					**RM1**	**2.8**	Low (<1%)
Clac_fir42	Clac_fir42A	Sandy FFPD	Sandy FFPD 72	13120 SE Ten Eyck Rd	Sandy	Moderate	1972		1				FEMA154	C	**W2**	**4.0**					**W2**	**4.0**	Low (<1%)
Clac_fir43	Clac_fir43A	Sandy FFPD	Sandy FFPD 72	24545 SE Firwood Rd	Sandy	Moderate	1995		1				NEW	D	**W1**	**6.2**					**W1**	**6.2**	Low (<1%)
Lane_fir68	Lane_fir68A	Santa Clara RFPD	Santa Clara RFPD	2600 River Rd	Eugene	High			1960	2	Medium-yes	Medium-yes	RVS2006	C	W1	1.4	**RM1**	**0.9**	C2	0.9	**RM1**	**0.9**	High (>10%)
Lane_fir69	Lane_fir69A	Santa Clara RFPD	Santa Clara RFPD	3939 River Rd	Eugene	High			1990	2	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**	W2	3.7			**RM1**	**1.3**	Moderate (>1%)
Mult_fir34	Mult_fir34A	Sauvie Island RFPD	Sauvie Island Vol RFPD 30J	18342 NW Sauvie Island Rd	Portland	High			1990	1			RVS2006	D	**S3**	**2.6**					**S3**	**2.6**	Low (<1%)
Colu_fir09	Colu_fir09A	Scappoose RFPD	Scappoose RFPD	52751 Columbia River Hwy	Scappoose	High	1988	1988	1980	2	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**					**RM1**	**1.3**	Moderate (>1%)
Linn_fir22	Linn_fir22A	Scio RFPD	Scio RFPD	37587 Crabtree Dr.	Crabtree	Moderate	1970		1950	1		Medium-yes	RVS2006	D	**RM1**	**1.9**					**RM1**	**1.9**	Moderate (>1%)
Linn_fir21	Linn_fir21B	Scio RFPD	Scio RFPD	39023 SE 2nd Ave	Scio	Moderate			1950	1	Medium-yes	Medium-yes	RVS2006	D	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Linn_fir14	Linn_fir14A	Scio RFPD	Scio RFPD	38975 SW 6th Ave	Scio	Moderate	1991		1970	1		Medium-yes	RVS2006	D	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Linn_fir21	Linn_fir21A	Scio RFPD	Scio RFPD	39023 SE 2nd Ave	Scio	Moderate			1970	1	Medium-yes	Low-minor	RVS2006	D	**S3**	**2.8**					**S3**	**2.8**	Low (<1%)
Linn_fir23	Linn_fir23A	Scio RFPD	Scio RFPD	43042 Burmester Dr.	Scio	Moderate	1986		1970	1			RVS2006	C	**S3**	**3.2**					**S3**	**3.2**	Low (<1%)
Doug_fir36	Doug_fir36A	Scottsburg RFPD	Scottsburg RFPD	33237 State Hwy 38	Scottsburg	Very High			1970	1		Medium-yes	RVS2006	C	**W2**	**2.9**					**W2**	**2.9**	Low (<1%)
Linc_fir09	Linc_fir09A	Seal Rock RFPD	Seal Rock RFPD	10333 NW Rand St	Seal Rock	Very High			1950	1		Low-minor	RVS2006	C	**W1**	**4.4**					**W1**	**4.4**	Low (<1%)
Linc_fir20	Linc_fir20A	Seal Rock RFPD	Seal Rock RFPD - Bayshore Sta	2009 NW Hilton Dr	Seal Rock	Very High	1980		1980	1	Low-minor	Medium-yes	RVS2006	C	**W1**	**6.3**					**W1**	**6.3**	Low (<1%)
Linc_fir24	Linc_fir24A	Siletz RFPD	Siletz RFPD	7751 Logsden Rd	Logsden	Very High			1970	1		Medium-yes	RVS2006	C	**W1**	**3.9**					**W1**	**3.9**	Low (<1%)
Linc_fir13	Linc_fir13A	Siletz RFPD	Siletz Rural Fire Station 52	149 W Buford St	Siletz	Very High			1970	1		Medium-yes	RVS2006	C	**W1**	**3.9**					**W1**	**3.9**	Low (<1%)
Lake_fir04	Lake_fir04A	Silver Lake RFPD	Silver Lake RFPD	53224 4th Street	Silver Lake	Moderate			1960	1	Medium-yes		RVS2006	D	**W2**	**0.6**					**W2**	**0.6**	High (>10%)
Mari_fir09	Mari_fir09A	Silverton RFPD	Silverton RFPD	819 Rail Way Ave NE	Silverton	High	1998		1980	2	Medium-yes	Medium-yes	NEW	B	**S3**	**2.7**					**S3**	**2.7**	Low (<1%)
Mari_fir09	Mari_fir09B	Silverton RFPD	Silverton RFPD	819 Rail Way Ave NE	Silverton	High	1998		1990	1			NEW	B	**S3**	**3.2**					**S3**	**3.2**	Low (<1%)
Mari_fir09	Mari_fir09C	Silverton RFPD	Silverton RFPD	819 Rail Way Ave NE	Silverton	High	1998		1990	1			NEW	B	**S3**	**3.2**					**S3**	**3.2**	Low (<1%)
Mari_fir05	Mari_fir05A	Silverton RFPD	Silverton RFPD	4724 Crooked Finger Rd	Scotts Mills	High			1950	1		Medium-yes	RVS2006	C	**W1**	**3.9**					**W1**	**3.9**	Low (<1%)
Mari_fir02	Mari_fir02A	Silverton RFPD	Silverton RFPD Abiqua Station	17447 N Abiqua Rd	Silverton	High			1970	1		Medium-yes	RVS2006	C	W2	2.9	**S3**	**2.3**			**S3**	**2.3**	Low (<1%)
Mari_fir04	Mari_fir04A	Silverton RFPD	Silverton RFPD Scotts Mills Stat	480 3rd St	Scotts Mills	High			1960	1		Medium-yes	RVS2006	C	**W2**	**2.9**					**W2**	**2.9**	Low (<1%)
Mari_fir03	Mari_fir03A	Silverton RFPD	Silverton RFPD Victor Point Stat	13404 Riches Rd SE	Silverton	High			1940	1		Medium-yes	RVS2006	C	**W1**	**3.9**					**W1**	**3.9**	Low (<1%)
Desc_fir18	Desc_fir18A	Sisters/Camp Sherman RFF	Sisters/Camp Sherman RFPD	17233 Buffalo Dr	Sisters	Moderate	1998		1990	1	Low-minor	Medium-yes	NEW	C	**W1**	**6.1**					**W1**	**6.1**	Low (<1%)
Desc_fir19	Desc_fir19A	Sisters/Camp Sherman RFF	Sisters/Camp Sherman RFPD	69351 Lariat	Sisters	Moderate	1989		1980	1		Medium-yes	RVS2006	C	**W1**	**6.1**					**W1**	**6.1**	Low (<1%)
Desc_fir05	Desc_fir05A	Sisters/Camp Sherman RFF	Sisters-Camp Sherman RFPD	301 S Elm	Sisters	Moderate	1980		1970	1	Medium-yes	Medium-yes	RVS2006	C	**W1**	**1.0**					**W1**	**1.0**	High (>10%)
Desc_fir05	Desc_fir05B	Sisters/Camp Sherman RFF	Sisters-Camp Sherman RFPD	301 S Elm	Sisters	Moderate	1980		1970	1	Medium-yes	Medium-yes	RVS2006	C	**W1**	**1.0**					**W1**	**1.0**	High (>10%)
Lane_fir14	Lane_fir14A	Siuslaw Valley F & R	Siuslaw Valley F & R	88973 Sutton Lake Rd	Florence	Very High			1980	1		Medium-yes	RVS2006	D	**S3**	**2.1**					**S3**	**2.1**	Low (<1%)
Lane_fir71	Lane_fir71A	Siuslaw Valley F & R	Siuslaw Valley F & R	6955 Canary Rd	Westlake	Very High	1992	1992	1990	1		Medium-yes	RVS2006	C	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Lane_fir54	Lane_fir54A	Siuslaw Valley F & R	Siuslaw Valley F & R - Station 2	243 Laurel St	Florence	Very High			1950	1	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**					**RM1**	**0.9**	High (>10%)
Lane_fir72	Lane_fir72A	Siuslaw Valley F & R	Siuslaw Valley F & R - Station 8	83381 Clear Lake Rd	Florence	Very High			1970	1	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**	W1	1.4			**RM1**	**1.3**	Moderate (>1%)
Lane_fir55	Lane_fir55A	Siuslaw Valley Fire & Rescu	City of Florence	2625 Hwy 101 N	Florence	Very High	2001						NEW	C									Low (<1%)
Curr_fir10	Curr_fir10A	Sixes RFPD	Sixes RFPD	93343 Crystal Creek Rd.	Sixes	Very High			1970	1	Medium-yes	Medium-yes	RVS2006	C	**W1**	**1.4**					**W1**	**1.4**	Moderate (>1%)
Gill_fir04	Gill_fir04A	South Gilliam County RFPD	South Gilliam County RFPD	200 N. Main	Condon	Moderate			1930	1		Medium-yes	RVS2006	C	**URM**	**2.1**					**URM**	**2.1**	Low (<1%)
Lane_fir29	Lane_fir29A	South Lane County F&R	South Lane County F&R	233 Harrison Ave	Cottage Grove	High			1970	1	Medium-yes	Medium-yes	RVS2006	D	**C2**	**0.7**					**C2**	**0.7**	High (>10%)
Lane_fir70	Lane_fir70A	South Lane County F&R	South Lane County F&R	80020 Delight Valley School F	Cottage Grove	High			1990	1	Medium-yes	Medium-yes	RVS2006	C	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Lane_fir28	Lane_fir28A	South Lane County F&R	South Lane County F&R	30450 Camas Swale Rd	Creswell	High			1980	1	Medium-yes	Medium-yes	RVS2006	C	**W1**	**3.8**					**W1**	**3.8**	Low (<1%)
Sher_fir02	Sher_fir02A	South Sherman FPD	South Sherman FPD	109 Sw 2nd St	Grass Valley	Moderate	1982		2000	1		Medium-yes	RVS2006	B	**S3**	**3.3**					**S3**	**3.3**	Low (<1%)
Mari_fir43	Mari_fir43A	St Paul RFPD	St Paul RFPD	4233 Ne Church Ave	St Paul	High	1984	1984	1980	1	Medium-yes	Low-minor	Secondary S	D	PC1	2.0	**C2**	**1.2**			**C2**	**1.2**	Moderate (>1%)
Mari_fir14	Mari_fir14A	Stayton RFPD	Stayton RFPD	1988 W Ida St	Stayton	Moderate	1989	1989	1980	2	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					**RM1**	**(0.1)**	Very High (100%)
Mari_fir23	Mari_fir23A	Stayton RFPD	Stayton RFPD	5898 Stayton Rd	Turner	High			1980	1		Medium-yes	RVS2006	C	**S3**	**2.3**	W2	5.3			**S3**	**2.3**	Low (<1%)
Mari_fir22	Mari_fir22A	Stayton RFPD	Stayton RFPD	21475 Ferry Rd	Stayton	Moderate	1980		1980	2	Medium-yes		RVS2006	C	**S3**	**3.2**					**S3**	**3.2**	Low (<1%)
Mari_fir24	Mari_fir24A	Stayton RFPD	Stayton RFPD	32788 NorthFork Rd SE	Lyons	Moderate	1977		1980	1		Medium-yes	RVS2006	D	**W1**	**5.7**					**W1**	**5.7**	Low (<1%)
Mari_fir35	Mari_fir35A	Sublimity RFPD	Sublimity RFPD	115 Nw Parker St	Sublimity	Moderate	1949		1980	2	Medium-yes	Medium-yes	RVS2006	C	S3	2.7	**W1**	**2.6**			**W1**	**2.6**	Low (<1%)
Coos_fir28	Coos_fir28A	Sumner RFPD	Sumner RFPD	60817 Selander Rd.	Coos Bay	Very High			1970	1		Medium-yes	RVS2006	C	**W1**	**3.9**					**W1**	**3.9**	Low (<1%)
Desc_fir11	Desc_fir11A	Sunriver FD	Sunriver FD	57475 Abbot Dr	Sunriver	Moderate	1995						NEW	C									Low (<1%)
Polk_fir03	Polk_fir03A	SW Polk Co RFPD	Dallas Fire Station	915 SE Shelton St.	Dallas	High			1970	2	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**					**RM1**	**0.9**	High (>10%)
Lane_fir36	Lane_fir36A	Swisshome - Deadwood RF	Deadwood VFD	91792 Deadwood Creek Rd	Deadwood	High			1990	1		Medium-yes	RVS2006	C	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Lane_fir73	Lane_fir73A	Swisshome - Deadwood RF	Swisshome - Deadwood RFPD	15089 Hwy 36	Deadwood	High			1970	1	Medium-yes	Medium-yes	RVS2006	C	**W1**	**1.4**					**W1**	**1.4**	Moderate (>1%)
Lane_fir41	Lane_fir41A	Swisshome - Deadwood RF	Swisshome-Deadwood RFPD	13283 Hwy 36	Swisshome	Very High			1970	1	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**	S3	2.3			**RM1**	**0.9**	High (>10%)
Lane_fir41	Lane_fir41B	Swisshome - Deadwood RF	Swisshome-Deadwood RFPD	13283 Hwy 36	Swisshome	Very High			1980	1		Medium-yes	RVS2006	C	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Linn_fir08	Linn_fir08A	Tangent RFPD	Tangent RFPD	32053 Birdfoot Dr	Tangent	High	1989		1980	2	Medium-yes	Low-minor	RVS2006	D	**W2**	**3.4**					**W2**	**3.4**	Low (<1%)
Doug_fir23	Doug_fir23A	Tenmile RFPD	Tenmile RFPD	158 Reston Rd	Tenmile	High			1990	1	Medium-yes	Medium-yes	RVS2006	C	**W1**	**3.8**					**W1**	**3.8**	Low (<1%)
Lake_fir06	Lake_fir06A	Thomas Creek / Westside R	Thomas Creek / Westside RFPD	92387 Water Users Lane Rd	Lakeview	Moderate			1970	1		Medium-yes	RVS2006	**E**	**W1**	**3.5**					**W1**	**3.5**	Low (<1%)
Lake_fir05	Lake_fir05A	Thomas Creek / Westside R	Thomas Creek / Westside RFPD	18983 New Idaho Rd	Lakeview	Moderate			1980	1		Medium-yes	RVS2006	D	**W1**	**5.7**					**W1**	**5.7**	Low (<1%)
Jeff_fir01	Jeff_fir01A	Three Rivers VFD	Three Rivers VFD	5055 SW Lakeview Dr.	Culver	Moderate	1990		1980	1		Medium-yes	RVS2006	C	**W1**	**6.1**					**W1**	**6.1**	Low (<1%)
Till_fir01	Till_fir01A	Tillamook FD	Tillamook Fire Dist Main Station	2310 4th St	Tillamook	Very High	1982	1982	1980	2	Medium-yes	Medium-yes	RVS2006	D	**W2**	**2.9**					**W2**	**2.9**	Low (<1%)
Till_fir09	Till_fir09A	Tillamook FD	Tillamook Fire Station South Pra	9975 South Prarie Rd	Tillamook	Very High	1976		1990	1			RVS2006	D	**W2**	**5.4**					**W2**	**5.4**	Low (<1%)
Doug_fir25	Doug_fir25A	Tiller RFPD	Tiller RFPD	27598 Tiller-Trail Hwy	Tiller	Moderate			1980	2		Medium-yes	RVS2006	C	**S3**	**2.7**					**S3**	**2.7**	Low (<1%)
Doug_fir24	Doug_fir24A	Tri City RFPD	Tri City RFPD #4	136 N Old Pacific Hwy	Myrtle Creek	High			1960	2	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**	W1	1.4			**RM1**	**0.9**	High (>10%)
Wash_fir04	Wash_fir04A	Tualatin Valley F&R	TVF & R - North Division Office	14480 SW Jenkins Rd	Beaverton	High	1968		1970	1	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**					**RM1**	**0.9**	High (>10%)
Wash_fir33	Wash_fir33A	Tualatin Valley F&R	TVF & R - Station 33 Sherwood	15440 SW Oregon St	Sherwood	High	1970						RETROFITTE	B									Moderate (>1%)
Wash_fir21	Wash_fir21A	Tualatin Valley F&R	TVF & R - Station 34 Tualatin	19365 Sw 90th Ct	Tualatin	High	1990	1990	1990	1	Low-minor	Medium-yes	To be Retrofi	D	**RM1**	**1.7**					**RM1**	**1.7**	Low (<1%)
Wash_fir08	Wash_fir08A	Tualatin Valley F&R	TVF & R - Station 35 King City	17135 Sw Pacific Hwy	Tigard	High	1972		1970	2	Medium-yes		RETROFITTE	D	**RM1**	**1.2**					**RM1**	**1.2**	Moderate (>1%)
Clac_fir52	Clac_fir52A	Tualatin Valley F&R	TVF & R - Station 358 Rosemor	1000 Station Lane	West Linn	High	1950		2				FEMA154	B	**C2**	**2.8**					**C2**	**2.8**	Low (<1%)
Clac_fir53	Clac_fir53A	Tualatin Valley F&R	TVF & R - Station 359 Sunset	2215 Long St	West Linn	High	1950		2				FEMA154	B	**W1**	**4.4**					**W1**	**4.4**	Low (<1%)
Wash_fir17	Wash_fir17A	Tualatin Valley F&R	TVF & R - Station 51 Tigard	8935 SW Burnham St	Tigard	High	1993		1990	1	Medium-yes	Medium-yes	To be Retrofi	C	**RM1**	**0.9**					**RM1**	**0.9**	Low (<1%)
Clac_fir34	Clac_fir34A	Tualatin Valley F&R	TVF & R - Station 52 South Wils	29875 Sw Kinsman Rd	Wilsonville	High	1991		1				To be Retrofi	C	**RM1**	**2.4**					**RM1**	**2.4**	Low (<1%)
Wash_fir06	Wash_fir06A	Tualatin Valley F&R	TVF & R - Station 53 Progress	8480 Sw Scholls Ferry Rd	Beaverton	High	1966		1960	1	Medium-yes	Medium-yes	To be Re-bui	C	**RM1**	**0.9**	W1	1.4			**RM1**	**0.9**	Low (<1%)
Clac_fir20	Clac_fir20A	Tualatin Valley F&R	TVF & R - Station 57 Mountain F	24242 Sw Mountain Rd	West Linn	High	1995		1				NEW	B	**S3**	**3.2**					**S3**	**3.2**	Low (<1%)
Clac_fir32	Clac_fir32A	Tualatin Valley F&R	TVF & R - Station 58 Bolton	6050 Failing St	West Linn	High	1950		1				To be Re-bui	B	**W1**	**4.4**					**W1**	**4.4**	Low (<1%)
Clac_fir33	Clac_fir33A	Tualatin Valley F&R	TVF & R - Station 59 Willamette	1860 Willamette Falls Dr	West Linn	High	1960		2				To be Re-bui	D	**W1**	**4.4**					**W1**	**4.4**	Low (<1%)

OREGON RURAL FIRE PROTECTION DISTRICTS FACILITIES

Project Facility Tracking Data:

Site Unique ID	Building Unique ID	District_Name	RFPD Facility Name	Address	City	USGS Seismic Zone	Year Built	Field Plaque	Est Decade	Stories #	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	Soil	FEMA 154-Based Rapid Visual Screening Scores: Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Building Collapse Potential
Wash_fir23	Wash_fir23A	Tualatin Valley F&R	TVF & R - Station 60 Cornell Rd	8585 Nw Johnson St	Portland	High	1996						NEW	C									Low (<1%)
Wash_fir11	Wash_fir11A	Tualatin Valley F&R	TVF & R - Station 61 Butner Rd	13730 Sw Butner Rd	Beaverton	High	2000						NEW	C									Low (<1%)
Wash_fir18	Wash_fir18A	Tualatin Valley F&R	TVF & R - Station 62 Command	20665 SW Blanton St	Aloha	High	1980	1980	1980	2	Medium-yes	Medium-yes	To be Re-bui	C	**RM1**	**0.9**					**RM1**	**0.9**	Low (<1%)
Wash_fir15	Wash_fir15A	Tualatin Valley F&R	TVF & R - Station 62 Command	3608 SW 209th	Aloha	High	1980		1980	2	Medium-yes	Medium-yes	To be Re-bui	C	**RM1**	**0.9**					**RM1**	**0.9**	Low (<1%)
Wash_fir18	Wash_fir18B	Tualatin Valley F&R	TVF & R - Station 62 Command	20665 SW Blanton St	Aloha	High	1980		1980	2	Medium-yes	Medium-yes	To be Re-bui	C	S3	2.3	**RM1**	**0.9**			**RM1**	**0.9**	Low (<1%)
Wash_fir15	Wash_fir15C	Tualatin Valley F&R	TVF & R - Station 62 Command	3800 SW 209th	Aloha	High	1980		1980	2	Medium-yes	Low-minor	To be Re-bui	C	**RM1**	**1.4**					**RM1**	**1.4**	Low (<1%)
Wash_fir15	Wash_fir15B	Tualatin Valley F&R	TVF & R - Station 62 Command	3700 SW 209th	Aloha	High	1980		1980	1			To be Re-bui	C	C2	2.4	**PC1**	**2.2**			**PC1**	**2.2**	Low (<1%)
Wash_fir18	Wash_fir18C	Tualatin Valley F&R	TVF & R - Station 62 Command	20665 SW Blanton St	Aloha	High	1980		1980	1			To be Re-bui	C	**S3**	**2.8**					**S3**	**2.8**	Low (<1%)
Mult_fir44	Mult_fir44A	Tualatin Valley F&R	TVF & R - Station 63 Skyine (Ap	11646 NW Skyline	Portland	High	1972		1990	1			Secondary St	C	**S3**	**2.8**	C2	4.8			**S3**	**2.8**	Low (<1%)
Wash_fir10	Wash_fir10A	Tualatin Valley F&R	TVF & R - Station 64 Rock Cree	3355 Nw 185th	Portland	High	1970		1970	1	Medium-yes	Medium-yes	To be Retrofi	C	**RM1**	**0.9**					**RM1**	**0.9**	Low (<1%)
Wash_fir10	Wash_fir10B	Tualatin Valley F&R	TVF & R - Station 64 Rock Cree	3355 Nw 185th	Portland	High	1970		1970	2	Medium-yes	Medium-yes	To be Retrofi	C	**W1**	**1.4**					**W1**	**1.4**	Low (<1%)
Wash_fir07	Wash_fir07A	Tualatin Valley F&R	TVF & R - Station 65 West Slop	8661 Sw Canyon Dr	Portland	High	1968		1960	1	Medium-yes	Medium-yes	To be Retrofi	C	**RM1**	**0.9**	W1	1.4	C2	0.9	**RM1**	**0.9**	Low (<1%)
Wash_fir16	Wash_fir16A	Tualatin Valley F&R	TVF & R - Station 66 South Bea	13900 Sw Brockman Rd	Beaverton	High	1974						To be Retrofi	C									Low (<1%)
Wash_fir12	Wash_fir12A	Tualatin Valley F&R	TVF & R - Station 67 Farmingto	13810 Sw Farmington Rd	Beaverton	High	1998						NEW	C									Low (<1%)
Wash_fir05	Wash_fir05B	Tualatin Valley F&R	TVF & R - Station 68 Oak Hills (	3260 Nw 147th Pl	Portland	High	1970		1970	1			To be Re-bui	C	**S3**	**2.8**					**S3**	**2.8**	Low (<1%)
Wash_fir05	Wash_fir05A	Tualatin Valley F&R	TVF & R - Station 68 Oak Hills (	3260 Nw 147th Pl	Portland	High	1970		1970	1			To be Re-bui	C	**W1**	**4.4**					**W1**	**4.4**	Low (<1%)
Wash_fir09	Wash_fir09A	Tualatin Valley F&R	TVF & R - Station 69 Cooper Mt	9940 SW 175th	Aloha	High	1981		1980	1	Medium-yes	Medium-yes	To be Retrofi	B	**RM1**	**1.3**					**RM1**	**1.3**	Low (<1%)
Wash_fir13	Wash_fir13A	Tualatin Valley F&R	TVF & R - Station xx Sherwood	12400 Sw Tonquin Rd	Sherwood	High	1992	1992	1990	2	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**					**RM1**	**1.3**	Moderate (>1%)
Wash_fir13	Wash_fir13B	Tualatin Valley F&R	TVF & R - Station xx Sherwood	12400 Sw Tonquin Rd	Sherwood	High	1992		1990	2	Medium-yes	Medium-yes	RVS2006	B	**S3**	**2.7**					**S3**	**2.7**	Low (<1%)
Wasc_fir07	Wasc_fir07A	Tygh Valley FD	Tygh Valley FD	Corner of Oakgrove and Tygh	Tygh Valley	Moderate			1980	1		Medium-yes	RVS2006	D	**S3**	**2.3**	W1	5.7			**S3**	**2.3**	Low (<1%)
Wasc_fir07	Wasc_fir07B	Tygh Valley FD	Tygh Valley FD	Corner of Oakgrove and Tygh	Tygh Valley	Moderate			1990	1			RVS2006	D	**S3**	**2.8**	W1	6.2			**S3**	**2.8**	Low (<1%)
Umat_fir13	Umat_fir13A	Umatilla RFPD	Umatilla RFPD	305 Willamete	Umatilla	Moderate			1970	1	Medium-yes	Medium-yes	RVS2006	D	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Umat_fir09	Umat_fir09A	Umatilla RFPD	Umatilla RFPD	921 6th St	Umatilla	Moderate	1980		1960	1		Medium-yes	RVS2006	C	**RM1**	**2.3**					**RM1**	**2.3**	Low (<1%)
Curr_fir12	Curr_fir12A	Upper Chetco RFPD	Upper Chetco RFPD	17548 Gardiner Ridge Rd.	Brookings	Very High	1982	1982	1980	1		Medium-yes	RVS2006	C	**W1**	**6.3**					**W1**	**6.3**	Low (<1%)
Lane_fir30	Lane_fir30A	Upper Mckenzie RFPD	Upper Mckenzie RFPD	56578 Mckenzie Hwy	Mckenzie Bridg	Moderate			1990	1	Medium-yes	Medium-yes	RVS2006	D	**W2**	**1.7**					**W2**	**1.7**	Moderate (>1%)
Colu_fir12	Colu_fir12A	Vernonia RFPD	Vernonia RFPD	555 E Bridge St	Vernonia	High			1980	2	Medium-yes		RVS2006	C	**S3**	**2.8**					**S3**	**2.8**	Low (<1%)
Wall_fir02	Wall_fir02A	Wallowa FD	Wallowa FD	104 N Pine St	Wallowa	Moderate			1990	1		Medium-yes	RVS2006	D	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Wall_fir04	Wall_fir04A	Wallowa FD	Wallowa FD	60000 Mt Howard Ln	Joseph	Moderate			2000	1		Medium-yes	RVS2006	D	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Wash_fir24	Wash_fir24A	Washington County RFPD	Washington County RFPD 2	15200 Sw Midway Rd	Hillsboro	High			1990	2	Low-minor		RVS2006	D	**S3**	**2.6**					**S3**	**2.6**	Low (<1%)
Wash_fir29	Wash_fir29A	Washington County RFPD	Washington County RFPD 2	31370 Nw Commercial St	North Plains	High			1990	1	Low-minor	Low-minor	Secondary St	D	S3	2.6	**RM1**	**2.2**			**RM1**	**2.2**	Low (<1%)
Yamh_fir05	Yamh_fir05A	West Valley Fire District	West Valley Fire District	825 Ne Main St	Willamina	High	2001	2001	2000	1	Medium-yes	Medium-yes	NEW	B	**W2**	**3.7**					**W2**	**3.7**	Low (<1%)
Yamh_fir05	Yamh_fir05B	West Valley Fire District	West Valley Fire District	825 Ne Main St	Willamina	High	2001	2001	2000	1		Medium-yes	NEW	B	**RM1**	**5.1**					**RM1**	**5.1**	Low (<1%)
Hood_fir07	Hood_fir07A	Westside RFPD	Westside RFPD	4250 Barrett Drive	Hood River	Moderate	1946	1946	1940	1	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.5**					**W2**	**0.5**	High (>10%)
Hood_fir04	Hood_fir04A	Westside RFPD	Westside RFPD	1185 Tucker Road	Hood River	Moderate	1972	1972	1970	1	Medium-yes	Low-minor	RVS2006	C	**W2**	**1.0**					**W2**	**1.0**	High (>10%)
Hood_fir07	Hood_fir07B	Westside RFPD	Westside RFPD Shelter	4260 Barrett Drive	Hood River	Moderate	1946	1889 ?re	1900	1			RVS2006	C	**W2**	**3.8**					**W2**	**3.8**	Low (<1%)
Jose_fir09	Jose_fir09A	Williams RFPD	Williams RFPD	215 E Fork Rd.	Williams	High			1970	2		Medium-yes	RVS2006	D	**W1**	**3.9**					**W1**	**3.9**	Low (<1%)
Doug_fir40	Doug_fir40A	Winchester Bay RFPD	Winchester Bay RFPD	30 6th St	Winchester Bay	Very High			1950	1		Medium-yes	RVS2006	D	**RM1**	**1.7**	W1	3.9			**RM1**	**1.7**	Moderate (>1%)
Curr_fir13	Curr_fir13A	Winchuck RFPD	Winchuck RFPD	363 Winchuck River Rd.	Brookings	Very High			1970	2	Medium-yes	Medium-yes	RVS2006	D	**W1**	**1.4**					**W1**	**1.4**	Moderate (>1%)
Doug_fir26	Doug_fir26A	Winston Dillard RFPD	Winston Dillard RFPD	250 SE Main	Winston	High	2004						NEW	D									Low (<1%)
Jose_fir10	Jose_fir10A	Wolf Creek RFPD	Wolf Creek RFPD	100 Coyote Creek Rd	Wolf Creek	High	1978		1960	1		Medium-yes	RVS2006	B	**W2**	**3.3**					**W2**	**3.3**	Low (<1%)
Mari_fir25	Mari_fir25A	Woodburn RFPD	Woodburn RFPD	1650 James St	Woodburn	High	1975		1970	1			RVS2006	D	**PC1**	**2.0**	C2	2.2			**PC1**	**2.0**	Moderate (>1%)
Mari_fir26	Mari_fir26A	Woodburn RFPD	Woodburn RFPD Broadacres St	18676 Butteville Rd NE	Woodburn	High			1960	1			RVS2006	D	**S3**	**2.6**					**S3**	**2.6**	Low (<1%)
Mari_fir36	Mari_fir36A	Woodburn RFPD	Woodburn RFPD Station 21	1776 Newberg Hwy	Woodburn	High	2004						RETROFITTE	D									Moderate (>1%)
Mari_fir27	Mari_fir27B	Woodburn RFPD	Woodburn RFPD Waconda Stat	11484 River Rd	Gervais	High			1970	1		Medium-yes	RVS2006	D	**W2**	**2.5**					**W2**	**2.5**	Low (<1%)
Mari_fir27	Mari_fir27A	Woodburn RFPD	Woodburn RFPD Waconda Stat	11484 River Rd	Gervais	High			1970	1			RVS2006	D	**RM1**	**2.2**	S3	2.6	W1	4.4	**RM1**	**2.2**	Low (<1%)
Linc_fir21	Linc_fir21A	Yachats RFPD	Yachats RFPD	1395 SW Corona St	Waldport	Very High			1960	1		Medium-yes	RVS2006	C	**W1**	**3.9**					**W1**	**3.9**	Low (<1%)
Linc_fir08	Linc_fir08A	Yachats RFPD	Yachats RFPD & S. Lincoln Aml	217 W 2nd St	Yachats	Very High			1940	2	Medium-yes	Medium-yes	RVS2006	C	**W2**	**(0.1)**					**W2**	**(0.1)**	Very High (100%)
Linc_fir08	Linc_fir08B	Yachats RFPD	Yachats RFPD & S. Lincoln Aml	217 W 2nd St	Yachats	Very High			1970	1	Medium-yes	Medium-yes	RVS2006	C	**W1**	**1.4**					**W1**	**1.4**	Moderate (>1%)
Linc_fir08	Linc_fir08C	Yachats RFPD	Yachats RFPD & S. Lincoln Aml	217 W 2nd St	Yachats	Very High			1980	1	Medium-yes	Medium-yes	RVS2006	C	**W1**	**3.8**					**W1**	**3.8**	Low (<1%)
Yamh_fir09	Yamh_fir09A	Yamhill FPD	Yamhill FPD	275 S Olive St	Yamhill	High	1989	1989	1980	2	Medium-yes	Medium-yes	RVS2006	C	**W2**	**3.3**					**W2**	**3.3**	Low (<1%)

OREGON COUNTY SHERIFF FACILITIES

Project Facility Tracking Data:

Site Unique ID	Building Unique ID	District_Name	County Sheriff Facility Name	Address	City	USGS Seismic Zone	Year Built	Field Plaque	Est Decade	tories #	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	Soil	FEMA 154-Based Rapid Visual Screening Scores: Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Bake_pol02	Bake_pol02A	Baker County	Baker County Sheriff's Office	3410 K Street	Baker City	Moderate	1990		1970	1		Medium-yes	RVS2006	D	**RM1**	**1.9**					**RM1**	**1.9**	Moderate (>1%)
Bent_pol01	Bent_pol01A	Benton County	Benton County Sheriff's Office	180 NW 5th St	Corvallis	High			1970	2	Medium-yes	Medium-yes	RVS2006	D	**C2**	**0.7**					**C2**	**0.7**	High (>10%)
Clac_eoc02	Clac_eoc02A	Clackamas County	Clackamas County - EOC	2200 Kaen Rd	Oregon City	High	1985			1			FEMA154	C	**W2**	**5.8**					**W2**	**5.8**	Low (<1%)
Clac_pol05	Clac_pol05A	Clackamas County	Clackamas County Peace Office	270 Warner Milne Rd	Oregon City	High			1950	1			NEW	C									Low (<1%)
Clac_pol04	Clac_pol04A	Clackamas County	Clackamas County Sheriffs Offic	12800 Se 82nd Ave	Clackamas	High	1995			2			NEW	C	**RM1**	**2.4**					**RM1**	**2.4**	Low (<1%)
Clac_pol03	Clac_pol03A	Clackamas County	Clackamas County Sheriff's Offi	2223 Kaen Rd	Oregon City	High	1965			1			FEMA154	C	**W2**	**3.4**					**W2**	**3.4**	Low (<1%)
Clat_pol04	Clat_pol04A	Clatsop County	Clatsop County Sheriff Departm	355 7th St	Astoria	Very High	1979	1979	1970	2	Medium-yes		RVS2006	B	**C2**	**1.8**					**C2**	**1.8**	Moderate (>1%)
Coos_eoc01	Coos_eoc01A	Coos County	Coos County Sheriff's 911 Dispa	360 E 2nd St	Coquille	High			1970	1			RVS2006	C	**RM1**	**2.4**					**RM1**	**2.4**	Low (<1%)
Coos_pol06	Coos_pol06A	Coos County	Coos County Sheriff's Office	250 N Baxter St.	Coquille	Very High	1953	1953	1950	3	Medium-yes	Medium-yes	RVS2006	C	**C2**	**0.9**					**C2**	**0.9**	High (>10%)
Croo_pol02	Croo_pol02A	Crook County RFPD	Crook County Sheriff	308 E 2nd St	Prineville	Moderate	1989		1970	1		Medium-yes	Secondary St	D	W1	4.1	**RM1**	**1.9**			**RM1**	**1.9**	Moderate (>1%)
Curr_pol06	Curr_pol06A	Curry County	Curry County Sheriff's Office	29821 Colvin St.	Gold Beach	Very High			1950	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					**RM1**	**0.7**	High (>10%)
Curr_pol06	Curr_pol06B	Curry County	Curry County Sheriff's Office	29821 Colvin St.	Gold Beach	Very High			1980	2		Medium-yes	RVS2006	D	**W1**	**6.3**					**W1**	**6.3**	Low (<1%)
Desc_eoc01	Desc_eoc01A	Deschutes County	Deschutes County Emergency F	63333 W Hwy 20	Bend	Moderate	1998						NEW										Low (<1%)
Desc_pol08	Desc_pol08A	Deschutes County	Deschutes County Sheriff's Offic	51340 Hwy 97	La Pine	Moderate			1970	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					**RM1**	**(0.1)**	Very High (100%)
Desc_pol09	Desc_pol09A	Deschutes County	Deschutes County Sheriff's Offic	8222 Hwy 97	Terrebonne	Moderate			1980	1	Medium-yes		RVS2006	C	**W2**	**2.6**					**W2**	**2.6**	Low (<1%)
Desc_pol10	Desc_pol10A	Deschutes County	Deschutes County Sheriff's Offic	703 N Larch	Sisters	Moderate			1990	1			RVS2006	D	**W1**	**6.2**					**W1**	**6.2**	Low (<1%)
Desc_pol03	Desc_pol03A	Deschutes County	Deschutes County Sheriff's Offic	63333 W Hwy 20	Bend	Moderate	1998						NEW	B									Low (<1%)
Doug_pol01	Doug_pol01A	Douglas County	Douglas County Sheriff's Office	680 Fir Ave	Reedsport	Very High	1969	1969	1960	1	Medium-yes		RVS2006	D	C2	1.2	**C1**	**0.4**	S3	2.6	**C1**	**0.4**	High (>10%)
Doug_pol06	Doug_pol06A	Douglas County	Douglas County Sheriff's Office	129 W C Ave	Drain	High			1950	2			Secondary St	C	RM1	2.4	**URM**	**1.4**			**URM**	**1.4**	Moderate (>1%)
Doug_pol11	Doug_pol11A	Douglas County	Douglas County Sheriff's Office	647 E 1st St.	Riddle	High			1970	1			RVS2006	C	**W1**	**4.4**					**W1**	**4.4**	Low (<1%)
Doug_pol10	Doug_pol10A	Douglas County	Douglas County Sheriff's Office	1036 SE Douglas St	Roseburg	High	1976	1976	1970	**4**	Medium-yes	Medium-yes	RVS2006	C	S4	1.3	C2	1.3	**C1**	**0.1**	**C1**	**0.1**	High (>10%)
Gill_pol03	Gill_pol03A	Gilliam County	Gilliam County Sheriff's Office	221 S Oregon St	Condon	Moderate	1955	1955	1950	1	Medium-yes	Medium-yes	RVS2006	C	C2	0.3	RM1	0.3	**C1**	**(0.1)**	**C1**	**(0.1)**	Very High (100%)
Gran_pol02	Gran_pol02A	Grant County	Grant County Sheriff	205 S Humbolt St	Canyon City	Moderate	1997						NEW	B									Low (<1%)

OREGON RURAL FIRE PROTECTION DISTRICTS FACILITIES

Project Facility Tracking Data:

Site Unique ID	Building Unique ID	District_Name	RFPD Facility Name	Address	City	USGS Seismic Zone	Year Built	Field Plaque	Est Decade	Stories #	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	Soil	FEMA 154-Based Rapid Visual Screening Scores: Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Building Collapse Potential
Harn_pol02	Harn_pol02B	Harney County	Harney County Sheriff Departme	845 North Court	Burns	Moderate	1941	1962	1960	1	Medium-yes		RVS2006	C	**C2**	**0.8**					**C2**	**0.8**	High (>10%)
Harn_pol02	Harn_pol02A	Harney County	Harney County Sheriff Departme	485 North Court	Burns	Moderate	1941	1998	1990	2	Medium-yes		NEW	C	S2	2.2	S3	3.2	**S4**	**2.0**	**S4**	**2.0**	Moderate (>1%)
Hood_pol01	Hood_pol01A	Hood River County	Hood River County Sheriff	309 State St	Hood River	Moderate	1953	1953	1950	3	Medium-yes	Low-minor	RVS2006	B	**C2**	**1.6**					**C2**	**1.6**	Moderate (>1%)
Hood_pol01	Hood_pol01B	Hood River County	Hood River County Sheriff	309 State St	Hood River	Moderate	1953		1960	3	Medium-yes	Low-minor	RVS2006	B	**C2**	**1.6**					**C2**	**1.6**	Moderate (>1%)
Hood_eoc01	Hood_eoc01A	Hood River County	Hood River EOC/911	601 State St	Hood River	High			1970	2	Medium-yes	Low-minor	RVS2006	B	**RM1**	**1.8**	C2	1.8	S1	1.8	**RM1**	**1.8**	Moderate (>1%)
Jack_pol01	Jack_pol01A	Jackson County	Jackson County Sheriff	787 W 8th St.	Medford	Moderate			1960	3	Low-minor	Medium-yes	Secondary S	D	C2	1.9	**C1**	**1.5**			**C1**	**1.5**	Moderate (>1%)
Jack_eoc02	Jack_eoc02A	Jackson County	Southern Oregon Regional Com	10 S Oakdale Ave	Medford	High	1932	1932	1930	**4**	Medium-yes	Medium-yes	RVS2006	D	**C1**	**(0.9)**					**C1**	**(0.9)**	Very High (100%)
Jeff_pol04	Jeff_pol04A	Jefferson County	Jefferson County Sheriff Departi	675 Nw Cherry Lane	Madras	Moderate	2000						NEW	B									Low (<1%)
Jose_eoc01	Jose_eoc01B	Josephine County	Josephine County Emergency C	250 Tech Way	Grants Pass	High			1990	1			RVS2006	B	**RM1**	**2.8**					**RM1**	**2.8**	Low (<1%)
Jose_eoc01	Jose_eoc01A	Josephine County	Josephine County Emergency C	250 Tech Way	Grants Pass	High			1990	1			RVS2006	B	**W1**	**6.8**					**W1**	**6.8**	Low (<1%)
Jose_pol01	Jose_pol01A	Josephine County	Josephine County Sheriff / Gran	500 NW 6th St	Grants Pass	High	1976	1976	1970	2	Medium-yes	Medium-yes	RVS2006	C	**RM2**	**0.9**					**RM2**	**0.9**	High (>10%)
Klam_eoc01	Klam_eoc01A	Klamath County	Klamath County Emergency Co	335 S. Spring	Klamath Falls	High			1970	1	Medium-yes		RVS2006	D	**RM1**	**1.2**					**RM1**	**1.2**	Moderate (>1%)
Klam_pol01	Klam_pol01A	Klamath County	Klamath County Sheriff's Office	3300 Vandenberg Rd	Klamath Falls	High			1980	1	Medium-yes	Medium-yes	RVS2006	B	**W1**	**3.8**					**W1**	**3.8**	Low (<1%)
Lake_pol01	Lake_pol01A	Lake County	Lake County Search & Rescue	11 N G St	Lakeview	Moderate			1980	1		Low-minor	RVS2006	D	**W1**	**6.2**					**W1**	**6.2**	Low (<1%)
Lake_pol02	Lake_pol02A	Lake County	Lake County Sheriff Department	513 Center Street	Lakeview	Moderate	1953	1953	1950	2	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)	RM1	(0.1)	**C1**	**(0.5)**	**C1**	**(0.5)**	Very High (100%)
Lane_pol04	Lane_pol04A	Lane County	Creswell Sheriff's Office	13 S 1st St	Creswell	High	1952	1952	1950	1	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	W1	1.4			RM1	0.7	High (>10%)
Linc_eoc01	Linc_eoc01A	Lincoln County	Lincoln County Communications	815 SW Lee St	Newport	High	1997		1970	4	Medium-yes	Medium-yes	NEW		**W1**	**1.4**					**W1**	**1.4**	Moderate (>1%)
Linc_pol02	Linc_pol02A	Lincoln County	Lincoln County Sheriff's Office	225 W Olive St	Newport	Very High	1955	1955	1950	3	Medium-yes	Medium-yes	RVS2006	B	**C2**	**1.3**					**C2**	**1.3**	Moderate (>1%)
Linc_pol02	Linc_pol02B	Lincoln County	Lincoln County Sheriff's Office	225 W Olive St	Newport	Very High	1955		1960	3	Low-minor		RVS2006	B	**C2**	**2.8**					**C2**	**2.8**	Low (<1%)
Linn_pol08	Linn_pol08A	Linn County	Linn County Sheriff's Office	274 Cedar St.	Mill City	Moderate			1950	2	Medium-yes		RVS2006	D	**W2**	**0.6**					**W2**	**0.6**	High (>10%)
Linn_pol04	Linn_pol04A	Linn County	Linn County Sheriff's Office	1115 Jackson St SE	Albany	High			1970	1	Medium-yes	Medium-yes	RVS2006	D	**RM2**	**0.7**					**RM2**	**0.7**	High (>10%)
Linn_pol07	Linn_pol07A	Linn County	Linn County Sheriff's Office	354 Smith St.	Harrisburg	High			1930	1		Medium-yes	RVS2006	D	**C2**	**0.7**					**C2**	**0.7**	High (>10%)
Linn_pol09	Linn_pol09A	Linn County	Linn County Sheriff's Office	38957 N 1st Street	Scio	Moderate			1970	1		Low-minor	RVS2006	D	**RM1**	**2.4**					**RM1**	**2.4**	Low (<1%)
Linn_pol06	Linn_pol06A	Linn County	Linn County Sheriff's Office	255 N Main St.	Brownsville	High			1950	2	Low-minor	Medium-yes	RVS2006	C	**W2**	**2.9**					**W2**	**2.9**	Low (<1%)
Malh_pol03	Malh_pol03A	Malheur County	Malheur County Sheriff	151 B Street West	Vale	Moderate	1996	1996	1990	1			NEW	D	**RM1**	**2.4**					**RM1**	**2.4**	Low (<1%)
Mari_pol28	Mari_pol28B	Marion County	Marion County Sheriff's Office	100 High St NE	Salem	High	1954	1978	1970	2	Medium-yes	Medium-yes	RVS2006	C	**C1**	**0.1**	C2	0.9			**C1**	**0.1**	High (>10%)
Mari_pol04	Mari_pol04A	Marion County	Marion County Sheriff's Office -	3940 Aumsville Hwy SE	Salem	High	1989	1989	1980	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					**RM1**	**0.7**	High (>10%)
Morr_pol01	Morr_pol01A	Morrow County	Morrow County Emergency Mar	205 NE 3rd St	Irrigon	Moderate			1980	1	Medium-yes		RVS2006	D	**W1**	**2.7**					**W1**	**2.7**	Low (<1%)
Morr_eoc01	Morr_eoc01A	Morrow County	Morrow County Emergency Ope	325 Willowview Dr	Heppner	Moderate			1970	1	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.1**					**RM1**	**1.1**	Moderate (>1%)
Morr_eoc01	Morr_eoc01B	Morrow County	Morrow County Emergency Ope	325 Willowview Dr	Heppner	Moderate			1990	1	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.1**					**RM1**	**1.1**	Moderate (>1%)
Mult_pol14	Mult_pol14A	Multnomah County	Multhomah County River Patrol	4325 NE Marine Dr	Portland	High			1960	1		Medium-yes	SER & RVS2	D	**RM1**	**1.7**					**RM1**	**1.7**	Moderate (>1%)
Mult_pol13	Mult_pol13B	Multnomah County	Multnomah County Fleet Servic	12338 NE Glisan St	Portland	High	1956		1950	1	Medium-yes	Medium-yes	SER & RVS2	C	**RM1**	**0.9**					**RM1**	**0.9**	High (>10%)
Mult_pol13	Mult_pol13A	Multnomah County	Multnomah County Sheriff's Offi	12240 NE Glisan St	Portland	High	1956	1956	1950	2	Medium-yes	Medium-yes	SER & RVS2	C	**C2**	**0.9**	RM1	0.9			**C2**	**0.9**	High (>10%)
Polk_pol01	Polk_pol01A	Polk County	Polk County Sheriff	850 Main St	Dallas	High	1965	1965	1960	3		Medium-yes	RVS2006	C	**S4**	**1.9**					**S4**	**1.9**	Moderate (>1%)
Sher_pol01	Sher_pol01A	Sherman County	Sherman County Sheriff Courth	500 Court St	Moro	Moderate	1899	Pre	1900	2	Medium-yes	Medium-yes	RVS2006	C	**URM**	**0.6**					**URM**	**0.6**	High (>10%)
Sher_pol01	Sher_pol01B	Sherman County	Sherman County Sheriff Jail	500 Court St	Moro	Moderate	1899		1980	2	Medium-yes	Medium-yes	Secondary S	C	W1	2.6	**RM1**	**0.3**	C2	0.3	**RM1**	**0.3**	High (>10%)
Till_eoc01	Till_eoc01A	Tillamook County	Tillamook 911 Center	2311 Third Street	Tillamook	High	1993	1993	1990	1			RVS2006	D	**RM1**	**2.2**					**RM1**	**2.2**	Low (<1%)
Till_pol05	Till_pol05A	Tillamook County	Tillamook County Sheriff's Office	5995 Long Prairie Rd	Tillamook	Very High	1997						NEW	D									Low (<1%)
Umat_pol04	Umat_pol04A	Umatilla County	Umatilla County Sheriff's Dept	4700 Nw Pioneer Pl	Pendleton	Moderate	1992	1992	1990	2	Medium-yes	Medium-yes	RVS2006	B	**C1**	**0.5**	C2	2.7	S2	1.1	**C1**	**0.5**	High (>10%)
Wall_eoc01	Wall_eoc01A	Wallowa County	Emergency Operations Center	104 West Greenwood	Enterprise	Moderate	1909	1909	1900	2	Medium-yes	Medium-yes	RVS2006	D	**URM**	**0.2**					**URM**	**0.2**	High (>10%)
Wall_pol05	Wall_pol05A	Wallowa County	Wallowa County Sheriff's Depar	104 W Greenwood	Enterprise	Moderate	2005						NEW	D									Low (<1%)
Wasc_eoc01	Wasc_eoc01A	Wasco County	Wasco County Communications	203A E 4th St	The Dalles	High			1910	1	Low-minor	Low-minor	RVS2006	C	**URM**	**1.2**					**URM**	**1.2**	Moderate (>1%)
Wasc_pol02	Wasc_pol02A	Wasco County	Wasco County Sheriff's Office	511 Washington St E	The Dalles	Moderate	1914	1914	1910	3	Low-minor	Low-minor	RVS2006	C	**URM**	**2.6**					**URM**	**2.6**	Low (<1%)
Wash_eoc02	Wash_eoc02A	Washington County	Emergency Operations Center	8777 SW Burnham St	Tigard	High	1989	1989	1980	2		Medium-yes	Secondary S	C	W2	5.3	RM1	1.9	**C3**	**0.7**	**C3**	**0.7**	High (>10%)
Wash_pol15	Wash_pol15A	Washington County	Sheriffs Office at City Hall	100 S Main St	Banks	High			1910	1	Medium-yes		RVS2006	D	**URM**	**0.0**					**URM**	**0.0**	Very High (100%)
Wash_pol02	Wash_pol02A	Washington County	Washington County Jail and She	215 SW Adams Ave	Hillsboro	High			1950	2	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	**C1**	**0.1**			**C1**	**0.1**	High (>10%)
Wash_pol14	Wash_pol14A	Washington County	Washington County Sheriff's Off	3700 SW Murray Blvd	Beaverton	High			1970	3	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Whee_pol01	Whee_pol01A	Wheeler County	Wheeler County Sheriff's Office	701 Adams	Fossil	Moderate	1901	1901	1900	2	Medium-yes	Medium-yes	RVS2006	C	**URM**	**0.6**					**URM**	**0.6**	High (>10%)
Yamh_pol07	Yamh_pol07A	Yamhill County	Sheridan Sheriff's Office	120 Sw Mill St	Sheridan	High	1940		1970	2	Medium-yes	Medium-yes	RVS2006	B	**W2**	**1.3**					**W2**	**1.3**	Moderate (>1%)
Yamh_pol02	Yamh_pol02A	Yamhill County	Yamhill County Sheriff's Office	535 Ne 5th St	McMinnville	High	1978	1978	1970	2	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					**RM1**	**0.7**	High (>10%)

OREGON - CITY FIRE & POLICE FACILITIES

Project Facility Tracking Data:

Site Unique ID	Building Unique ID	District_Name	CIty Fire & Police Facility Name	Address	City	USGS Seismic Zone	Year Built	Field Plaque	Est Decade	Stories #	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	Soil	FEMA 154-Based Rapid Visual Screening Scores: Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Building Collapse Potential
Bent_fir13	Bent_fir13A	City of Abany	Albany Fire Department	2850 Gibson Hill Rd SW	Albany	High	1998						NEW	B									Low (<1%)
Linn_fir16	Linn_fir16A	City of Albany	Albany Fire Department	1980 Three Lakes Rd SE	Albany	High	1998						NEW	D									Low (<1%)
Linn_fir05	Linn_fir05A	City of Albany	Albany Fire Department	110 6th Ave SW	Albany	High	1948		2				SER	D	**C2**	**2.2**					**C2**	**2.2**	Low (<1%)
Linn_fir15	Linn_fir15A	City of Albany	Albany Fire Department	120 34th Ave SE	Albany	High	1973		1				SER	D	**W2**	**3.0**					**W2**	**3.0**	Low (<1%)
Linn_pol10	Linn_pol10A	City of Albany	Albany Police Department	1117 Jackson St SE	Albany	High			1970	1		Medium-yes	RVS2006	D	**RM1**	**1.7**					**RM1**	**1.7**	Moderate (>1%)
Polk_fir10	Polk_fir10A	City of Amity	Amity Fire District	10900 Bethel Rd	Amity	High			1950	1		Medium-yes	RVS2006	C	**RM1**	**1.9**					**RM1**	**1.9**	Moderate (>1%)
Yamh_fir01	Yamh_fir01A	City of Amity	Amity Police and Fire Dept	401 Trade St	Amity	High			1960	1		Medium-yes	RVS2006	D	**RM1**	**1.7**					**RM1**	**1.7**	Moderate (>1%)
Jack_fir11	Jack_fir11A	City of Ashland	Ashland Fire And Rescue	455 Siskiyou Blvd	Ashland	Moderate	2003						NEW	C									Low (<1%)
Jack_pol08	Jack_pol08A	City of Ashland	Ashland Police Department	1155 E Main St	Ashland	Moderate			1980	1			RVS2006	C	**W2**	**5.6**					**W2**	**5.6**	Low (<1%)
Clat_pol01	Clat_pol01A	City of Astoria	Astoria Police Dept	555 30Th Street	Astoria	Very High	1977	1977	1970	1	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**	W2	0.9			**RM1**	**0.9**	High (>10%)
Umat_pol11	Umat_pol11A	City of Athena	Athena Police Department	215 S 3rd	Athena	Moderate	1952		1950	1			RVS2006	C	**C2**	**2.8**					**C2**	**2.8**	Low (<1%)
Mari_pol14	Mari_pol14A	City of Aumsville	Aumsville Police Dept	125 6th St	Aumsville	High	1916		1960	1			RVS2006	D	**W1**	**4.4**					**W1**	**4.4**	Low (<1%)
Mari_pol26	Mari_pol26A	City of Aurora	Aurora Police Dept	21420 Main St NE	Aurora	High			1910	1	Medium-yes	Medium-yes	RVS2006	D	**W1**	**1.4**					**W1**	**1.4**	Moderate (>1%)
Bake_fir02	Bake_fir02A	City of Baker City	Baker City Fire	1616 2nd St	Baker City	Moderate	1980	1980	1980	1	Medium-yes	Medium-yes	RVS2006	D	**PC1**	**1.7**					**PC1**	**1.7**	Moderate (>1%)
Bake_pol03	Bake_pol03A	City of Baker City	Baker City Police Dept	1655 1st St	Baker City	Moderate	1910		1910	1		Medium-yes	RVS2006	D	**RM1**	**1.5**					**RM1**	**1.5**	Moderate (>1%)
Coos_pol03	Coos_pol03A	City of Bandon	Bandon Police Dept	555 Hwy 101	Bandon	Very High	1969	1969	1960	2	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.5**	C2	0.7			**W2**	**0.5**	High (>10%)
Till_fir02	Till_fir02A	City of Bay City	Bay City Fire Department	9390 4th St	Bay City	Very High			1950	1		Medium-yes	RVS2006	D	**RM1**	**1.7**					**RM1**	**1.7**	Moderate (>1%)
Till_fir02	Till_fir02B	City of Bay City	Bay City Fire Department	9390 4th St	Bay City	Very High			1980	1		Medium-yes	RVS2006	D	**W1**	**6.3**					**W1**	**6.3**	Low (<1%)
Desc_fir04	Desc_fir04A	City of Bend	Bend FD - East Station 304	62420 Hamby Rd	Bend	Moderate	2003						NEW	C									Low (<1%)
Desc_fir02	Desc_fir02A	City of Bend	Bend FD - South Station 303	61080 Country Club Rd	Bend	Moderate	2000						NEW	C									Low (<1%)
Desc_fir14	Desc_fir14A	City of Bend	Bend FD - Tumalo Station 302	19850 4th St	Bend	Moderate			1980	1	Medium-yes	Medium-yes	RVS2006	C	**S3**	**2.7**					**S3**	**2.7**	Low (<1%)

OREGON RURAL FIRE PROTECTION DISTRICTS FACILITIES

Project Facility Tracking Data:

Site Unique ID	Building Unique ID	District_Name	RFPD Facility Name	Address	City	USGS Seismic Zone	Year Built	Field Plaque	Est Decade	Stories #	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	Soil	FEMA 154-Based Rapid Visual Screening Scores: Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Building Collapse Potential
Desc_fir03	Desc_fir03A	City of Bend	Bend FD - West Station 301	1212 SW Simpson Ave	Bend	Moderate	2000						NEW	C									Low (<1%)
Desc_pol07	Desc_pol07A	City of Bend	Bend Police Department	555 NE 15th St	Bend	Moderate	2002						NEW	B									Low (<1%)
Curr_pol02	Curr_pol02A	City of Brookings	Brookings Police and Fire/Resc	898 Elk Drive	Brookings	Very High			1970	1	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**	W2	1.3			**RM1**	**1.3**	Moderate (>1%)
Harn_fir02	Harn_fir02A	City of Burns	Burns Fire Dept	50 W Van Buren St	Burns	Moderate	1940	1940	1940	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.5)**	W1	0.6			**RM1**	**(0.5)**	Very High (100%)
Harn_pol03	Harn_pol03A	City of Burns	Burns Police Dept	60 W Van Buren St	Burns	Moderate	1950	1990	1990	1			RVS2006	D	**W1**	**6.2**					**W1**	**6.2**	Low (<1%)
Jack_pol06	Jack_pol06A	City of Butte Falls	Butte Falls Police Dept	431 Broad St	Butte Falls	Moderate			1940	1		Medium-yes	RVS2006	C	**W1**	**4.5**					**W1**	**4.5**	Low (<1%)
Jack_fir12	Jack_fir12A	City of Butte Falls	Butte Falls Volunteer Fire Depar	431 Broad St	Butte Falls	Moderate			1940	1	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**(0.1)**					**RM1**	**(0.1)**	Very High (100%)
Clac_pol08	Clac_pol08A	City of Canby	Canby Police Dept	122 N Holly St	Canby	High	1920			1			FEMA154	C	**URM**	**1.2**					**URM**	**1.2**	Moderate (>1%)
Clat_pol03	Clat_pol03A	City of Cannon Beach	Cannon Beach Police Dept	163 E Gower St	Cannon Beach	Very High			1930	1		Medium-yes	Secondary S	B	W2	2.3	**URM**	**1.1**			**URM**	**1.1**	Moderate (>1%)
Gran_fir03	Gran_fir03A	City of Canyon City	Canyon City VFD	123 S Washington St	Canyon City	Moderate			1960	1		Medium-yes	RVS2006	B	**RM1**	**3.1**					**RM1**	**3.1**	Low (<1%)
Yamh_fir04	Yamh_fir04A	City of Carlton	Carlton Fire Department	209 N Kutch St	Carlton	High			1930	1		Medium-yes	RVS2006	C	**C2**	**0.9**					**C2**	**0.9**	High (>10%)
Yamh_pol09	Yamh_pol09A	City of Carlton	Carlton Police Dept	191 E Main St	Carlton	High			1970	1			RVS2006	C	**RM1**	**2.4**					**RM1**	**2.4**	Low (<1%)
Hood_fir06	Hood_fir06A	City of Cascade Locks	Cascade Locks FD	505 Wa Na Pa Street	Cascade Locks	Moderate			1960	1		Medium-yes	RVS2006	D	**RM2**	**1.7**					**RM2**	**1.7**	Moderate (>1%)
Jack_pol09	Jack_pol09A	City of Central Point	Central Point Police Department	155 S 2nd St	Central Point	Moderate	1980	1980	1980	2		Medium-yes	RVS2006	C	**C2**	**2.3**					**C2**	**2.3**	Low (<1%)
Colu_pol05	Colu_pol05A	City of Clatskanie	Clatskanie Police Dept	195 Se 2nd St	Clatskanie	High			1980	1	Medium-yes		RVS2006	C	**W1**	**4.3**					**W1**	**4.3**	Low (<1%)
Lane_pol05	Lane_pol05A	City of Coburg	Coburg Police Dept	91069 N Willamette St	Coburg	High			1960	1		Medium-yes	RVS2006	D	**RM1**	**1.7**					**RM1**	**1.7**	Moderate (>1%)
Gill_fir01	Gill_fir01B	City of Condon	City Of Condon VFD/PD	128 S Main St	Condon	Moderate	1938		1980	1	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**					**RM1**	**0.3**	High (>10%)
Gill_fir01	Gill_fir01A	City of Condon	City Of Condon VFD/PD	128 S Main St	Condon	Moderate	1938	1938	1930	2	Medium-yes	Low-minor	RVS2006	C	**C2**	**0.4**					**C2**	**0.4**	High (>10%)
Coos_fir03	Coos_fir03A	City of Coos Bay	Coos Bay Fire Station - Central	150 S 4th St.	Coos Bay	Very High	1955	1955	1950	2	Medium-yes	Medium-yes	RVS2006	C	**C2**	**0.9**					**C2**	**0.9**	High (>10%)
Coos_fir04	Coos_fir04A	City of Coos Bay	Coos Bay Fire Station - Eastside	365 D St	Coos Bay	Very High			1940	2	Medium-yes	Medium-yes	RVS2006	D	**C2**	**(0.3)**					**C2**	**(0.3)**	Very High (100%)
Coos_fir02	Coos_fir02A	City of Coos Bay	Coos Bay Fire Station - Empire	189 S Wall St	Coos Bay	Very High			1940	2		Medium-yes	RVS2006	C	**C2**	**0.9**	W1	3.9			**C2**	**0.9**	High (>10%)
Coos_pol02	Coos_pol02A	City of Coos Bay	Coos Bay Police Dept	500 W Central Ave	Coos Bay	Very High			1970	2	Medium-yes		RVS2006	C	**C1**	**0.6**	C2	1.4	W2	1.4	**C1**	**0.6**	High (>10%)
Coos_pol07	Coos_pol07A	City of Coquille	Coquille City Police Dept	851 N Central	Coquille	Very High			1980	2	Medium-yes	Medium-yes	RVS2006	C	**W2**	**3.3**					**W2**	**3.3**	Low (<1%)
Wash_fir02	Wash_fir02A	City of Cornelius	Cornelius FD	1311 N Barlow St	Cornelius	High	1996						NEW	C									Low (<1%)
Wash_pol04	Wash_pol04A	City of Cornelius	Cornelius Police Dept	1311 N Barlow St	Cornelius	High	1996						NEW	C									Low (<1%)
Bent_fir07	Bent_fir07A	City of Corvallis	Corvallis Fire Station #2	500 SW 35th St.	Corvallis	High			1970	1	Medium-yes	Low-minor	RVS2006	D	**W2**	**1.0**					**W2**	**1.0**	High (>10%)
Bent_fir04	Bent_fir04A	City of Corvallis	Corvallis Fire Station #3	1310 NW Circle Blvd	Corvallis	High			1970	1	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**					**W2**	**0.9**	High (>10%)
Bent_fir05	Bent_fir05A	City of Corvallis	Corvallis Fire Station #4	365 SW Tunison	Corvallis	High			1980	1	Medium-yes	Medium-yes	RVS2006	D	**W1**	**3.8**					**W1**	**3.8**	Low (<1%)
Bent_fir08	Bent_fir08A	City of Corvallis	Corvallis Fire Station 1	400 Nw Harrison	Corvallis	High	1994						NEW										Low (<1%)
Bent_fir06	Bent_fir06A	City of Corvallis	Corvallis Locke Fire Station	544 Nw Lewisburg Ave	Corvallis	High	2001						NEW	C									Low (<1%)
Bent_pol04	Bent_pol04A	City of Corvallis	Corvallis Police Department	180 NW 5th St	Corvallis	High			1970	2	Medium-yes	Medium-yes	RVS2006	D	**C2**	**0.7**					**C2**	**0.7**	High (>10%)
Lane_pol06	Lane_pol06A	City of Cottage Grove	Cottage Grove Police Dept	400 E Main St	Cottage Grove	High			1960	1	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**	RM1	0.9			**W2**	**0.9**	High (>10%)
Jeff_pol02	Jeff_pol02A	City of Culver	Culver Police Dept	200 1st Ave	Culver	Moderate	1977	1977	1970	1	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**					**RM1**	**0.3**	High (>10%)
Polk_pol02	Polk_pol02A	City of Dallas	Dallas Police Department	187 SE Court St	Dallas	High	1936	1936	1930	2	Medium-yes	Medium-yes	RVS2006	C	**C2**	**(0.1)**					**C2**	**(0.1)**	Very High (100%)
Polk_pol02	Polk_pol02B	City of Dallas	Dallas Police Department	187 SE Court St	Dallas	High	1936		1960	3	Medium-yes	Low-minor	RVS2006	C	**RM1**	**1.4**					**RM1**	**1.4**	Moderate (>1%)
Wasc_pol03	Wasc_pol03A	City of Dallas	Dalles Police Dept	401 Court St E	The Dalles	Moderate			1930	2	Medium-yes		RVS2006	C	**C2**	**0.4**					**C2**	**0.4**	High (>10%)
Gran_fir08	Gran_fir08A	City of Dayville	Dayville Fire	155 School House Dr.	Dayville	Moderate			1940	1		Medium-yes	RVS2006	C	**RM1**	**1.9**					**RM1**	**1.9**	Moderate (>1%)
Yamh_fir07	Yamh_fir07A	City of Dundee	Dundee Fire & Rescue	759 Sw Hwy 99W	Dundee	High			1960	1		Medium-yes	RVS2006	D	**RM1**	**1.7**					**RM1**	**1.7**	Moderate (>1%)
Yamh_fir07	Yamh_fir07B	City of Dundee	Dundee Fire & Rescue	759 Sw Hwy 99W	Dundee	High			1930	1		Medium-yes	RVS2006	D	**W1**	**3.9**					**W1**	**3.9**	Low (<1%)
Unio_pol06	Unio_pol06A	City of Elgin	Elgin Police Dept	180 N 8th Ave	Elgin	Moderate			1980	1			RVS2006	D	**W1**	**6.2**					**W1**	**6.2**	Low (<1%)
Wall_fir03	Wall_fir03A	City of Enterprise	Enterprise Fire Department	108 NE 1st St	Enterprise	Moderate			1950	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					**RM1**	**(0.1)**	Very High (100%)
Wall_pol01	Wall_pol01A	City of Enterprise	Enterprise PD	104 W Greenwood	Enterprise	Moderate	2005						NEW	D									Low (<1%)
Wall_pol04	Wall_pol04A	City of Enterprise	Enterprise PD	104 W Greenwood	Enterprise	Moderate	2005						NEW	D									Low (<1%)
Lane_fir43	Lane_fir43A	City of Eugene	Eugene Fire Station 01 Downtov	1320 Willamette St	Eugene	High	2005						NEW	B									Low (<1%)
Lane_fir35	Lane_fir35A	City of Eugene	Eugene Fire Station 02 Whiteak	**1725 W 2nd Ave**	Eugene	High	1999						NEW	C									Low (<1%)
Lane_fir44	Lane_fir44A	City of Eugene	Eugene Fire Station 03 Universi	1695 Agate St	Eugene	High	1949			1			SER	B	**W1**	**4.4**					**W1**	**4.4**	Low (<1%)
Lane_fir45	Lane_fir45A	City of Eugene	Eugene Fire Station 05 South H	80 E 33rd Ave	Eugene	High			1970	1	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**	W2	1.3			**RM1**	**1.3**	Moderate (>1%)
Lane_fir46	Lane_fir46A	City of Eugene	Eugene Fire Station 06 Sheldon	2435 Willakenzie Rd	Eugene	High	1998						NEW	B									Low (<1%)
Lane_fir47	Lane_fir47A	City of Eugene	Eugene Fire Station 07 Bethel	4664 Barger Dr	Eugene	High			1990	1	Medium-yes	Medium-yes	RVS2006	C	**W1**	**3.8**					**W1**	**3.8**	Low (<1%)
Lane_fir48	Lane_fir48A	City of Eugene	Eugene Fire Station 08 Danebo	500 Berntzen Rd	Eugene	High	1967		1960	1	Medium-yes	Medium-yes	SER & RVS2	B	**W2**	**1.3**					**W2**	**1.3**	Moderate (>1%)
Lane_fir49	Lane_fir49A	City of Eugene	Eugene Fire Station 09 Valley R	697 Goodpasture Island Rd	Eugene	High	1979						RETROFITTI	B									Moderate (>1%)
Lane_fir74	Lane_fir74A	City of Eugene	Eugene Fire Station 10 Bailey H	2002 Bailey Hill Road	Eugene	High	1981			1			SER	B	**W2**	**6.2**					**W2**	**6.2**	Low (<1%)
Lane_fir51	Lane_fir51A	City of Eugene	Eugene Fire Station 11 Santa C	111 Santa Clara Ave	Eugene	High	2005						NEW	B									Low (<1%)
Lane_fir52	Lane_fir52A	City of Eugene	Eugene Fire Station 12 Airport	28827 Douglas Dr	Eugene	High			1980	1	Medium-yes	Medium-yes	RVS2006	B	W2	3.7	**C2**	**1.3**			**C2**	**1.3**	Moderate (>1%)
Lane_pol03	Lane_pol03A	City of Eugene	Eugene Police Dept	1099 Olive St	Eugene	High	2003						NEW	B									Low (<1%)
Lane_pol02	Lane_pol02A	City of Eugene	Eugene Police Dept	777 Pearl St	Eugene	High			1960	2	Medium-yes	Medium-yes	Secondary S	B	C2	1.3	**C1**	**0.5**	RM2	1.3	**C1**	**0.5**	High (>10%)
Lane_pol13	Lane_pol13A	City of Eugene	Eugene Police Station 1 - Monr	788 Monroe St	Eugene	High			1960	2	Medium-yes	Low-minor	RVS2006	C	**RM1**	**1.4**					**RM1**	**1.4**	Moderate (>1%)
Mult_pol12	Mult_pol12A	City of Fairview	Fairview Police Admin	1300 NE Village Street	Fairview	High	2000						NEW	B									Low (<1%)
Polk_fir09	Polk_fir09A	City of Falls City	Falls City Fire Department	320 N Main Street	Falls City	High	1994						NEW	C									Low (<1%)
Wash_fir01	Wash_fir01A	City of Forest Grove	Forest Grove Fire & Rescue	1919 Ash St	Forest Grove	High	1995						NEW	C									Low (<1%)
Wash_fir28	Wash_fir28A	City of Forest Grove	Forest Grove Fire & Rescue	52155 NW Gales Creek Rd	Gales Creek	High			1980	1		Medium-yes	RVS2006	C	**S3**	**2.3**					**S3**	**2.3**	Low (<1%)
Wash_pol03	Wash_pol03A	City of Forest Grove	Forest Grove Police Dept	2102 Pacific Ave	Forest Grove	High	1978	1978	1970	1		Medium-yes	RVS2006	C	**S1**	**1.9**	S2	2.1	RM1	1.9	**S1**	**1.9**	Moderate (>1%)
Whee_fir05	Whee_fir05A	City of Fossil	Fossil Volunteer Fire Departmer	888 C St	Fossil	High							MISSED										High (>10%)
Till_fir05	Till_fir05A	City of Garibaldi	City Of Garibaldi Fire Departmer	107 6th St	Garibaldi	Very High	1950	1950	1950	2	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					**RM1**	**0.7**	High (>10%)
Till_fir05	Till_fir05B	City of Garibaldi	City Of Garibaldi Fire Departmer	107 6th St	Garibaldi	Very High	1950		1980	2	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					**RM1**	**0.7**	High (>10%)
Wash_pol11	Wash_pol11A	City of Gaston	Gaston Police Dept	116 Front St	Gaston	High			1950	1		Medium-yes	RVS2006	C	**RM1**	**1.9**	C2	1.9			**RM1**	**1.9**	Moderate (>1%)
Clat_pol02	Clat_pol02A	City of Gearhart	Gearhart City Police Dept	698 Pacific Way	Gearhart	Very High			1960	1			RVS2006	C	**W1**	**4.4**					**W1**	**4.4**	Low (<1%)
Clat_fir04	Clat_fir04A	City of Gearhart	Gearhart VFD	670 Pacific Way	Gearhart	Very High	1958	1958	1950	1		Medium-yes	RVS2006	C	**RM1**	**1.9**					**RM1**	**1.9**	Moderate (>1%)
Clac_fir40	Clac_fir40A	City of Gladstone	Gladstone Fire	535 Portland Ave	Gladstone	High	1970			1			FEMA154	B	**RM1**	**2.8**					**RM1**	**2.8**	Low (<1%)
Clac_fir44	Clac_fir44A	City of Gladstone	Gladstone Fire	555 Portland Ave	Gladstone	High	1970			1			FEMA154	B	**RM1**	**2.8**					**RM1**	**2.8**	Low (<1%)
Clac_pol09	Clac_pol09A	City of Gladstone	Gladstone Police Department	525 Portland Ave	Gladstone	High	1940			2			FEMA154	B	**RM1**	**1.8**					**RM1**	**1.8**	Moderate (>1%)
Curr_pol05	Curr_pol05A	City of Gold Beach	Gold Beach City Police Dept	29592 Ellensburg Ave.	Gold Beach	Very High			1970	1	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.5**					**W2**	**0.5**	High (>10%)
Jose_fir23	Jose_fir23A	City of Grants Pass	Grants Pass F & R - Hillcrest	199 NW Hillcrest Dr.	Grants Pass	High			1970	1	Medium-yes	Medium-yes	RVS2006	C	**C2**	**0.9**	W2	0.9			**C2**	**0.9**	High (>10%)
Mult_pol15	Mult_pol15A	City of Gresham	Gresham City Police	1331 NW Eastman Pkwy	Gresham	High	1979	1979	1970	2	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	S2	0.6	**C1**	**0.1**	**C1**	**0.1**	High (>10%)
Mult_fir03	Mult_fir03A	City of Gresham	Gresham Fire Station 72 Kane F	500 NE Kane	Gresham	High	1974		1970	1	Medium-yes	Low-minor	RVS2006	B	**W2**	**1.8**					**W2**	**1.8**	Moderate (>1%)
Mult_fir02	Mult_fir02A	City of Gresham	Gresham Fire Station 73 Pleasa	2301 Sw Pleasant View	Gresham	High	1985		2000	1	Medium-yes	Medium-yes	RVS2006	C	**S3**	**2.3**	W2	3.3			**S3**	**2.3**	Low (<1%)
Mult_fir10	Mult_fir10B	City of Gresham	Gresham Fire Station 74 North (	**1520 NE 192nd Ave**	Portland	High	1970		1970	1	Medium-yes		RVS2006	B	**RM1**	**1.8**	S3	3.2			**RM1**	**1.8**	Moderate (>1%)
Mult_fir10	Mult_fir10A	City of Gresham	Gresham Fire Station 74 Trainin	19204 NE San Rafael	Portland	High	1970		1970	1	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**					**RM1**	**1.3**	Moderate (>1%)

OREGON RURAL FIRE PROTECTION DISTRICTS FACILITIES

Project Facility Tracking Data:

Site Unique ID	Building Unique ID	District_Name	RFPD Facility Name	Address	City	USGS Seismic Zone	Year Built	Field Plaque	Est Decade	Stories #	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	Soil	FEMA 154-Based Rapid Visual Screening Scores: Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Building Collapse Potential
Mult_fir12	Mult_fir12B	City of Gresham	Gresham Fire Station 76 Garag	7144 SE 302nd	Gresham	High	1961		1970	1	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**					RM1	**1.3**	Moderate (>1%)
Mult_fir12	Mult_fir12A	City of Gresham	Gresham Fire Station 76 Office	7144 SE 302nd	Gresham	High	1961		1970	1	Medium-yes	Medium-yes	RVS2006	B	**W1**	**1.4**					W1	**1.4**	Moderate (>1%)
Morr_fir01	Morr_fir01A	City of Heppner	City Of Heppner Fire	197 NW Willow St	Heppner	Moderate	1960		1970	1			RVS2006	B	**RM1**	**3.6**					RM1	**3.6**	Low (<1%)
Wash_fir03	Wash_fir03A	City of Hillsboro	Hillsboro Fire & Rescue	5045 Se Drake Rd	Hillsboro	High			1980	1	Medium-yes		RVS2006	C	**W2**	**3.8**					W2	**3.8**	Low (<1%)
Wash_fir27	Wash_fir27A	City of Hillsboro	Hillsboro Fire Dept	4455 229th Ave Nw	Hillsboro	High	1998	1998	1990	1			NEW	C	**RM1**	**2.4**					RM1	**2.4**	Low (<1%)
Wash_fir25	Wash_fir25A	City of Hillsboro	Hillsboro Fire Dept	240 S 1st Ave	Hillsboro	High	1997						NEW	D									Low (<1%)
Wash_fir26	Wash_fir26A	City of Hillsboro	Hillsboro Fire Dept	275 Ne 25th Ave	Hillsboro	High			1970	1	Medium-yes	Medium-yes	RVS2006	D	**W1**	**1.4**					W1	**1.4**	Moderate (>1%)
Wash_pol01	Wash_pol01A	City of Hillsboro	Hillsboro Police Dept	250 SE 10th Ave	Hillsboro	High			1970	1			RVS2006	D	**RM1**	**2.2**					RM1	**2.2**	Low (<1%)
Wash_pol16	Wash_pol16A	City of Hillsboro	Hillsboro Sheriff - Jail	20795 NW Cornell Rd Suite 1	Hillsboro	High			1990	1		Medium-yes	RVS2006	C	**PC1**	**1.7**					PC1	**1.7**	Moderate (>1%)
Harn_pol01	Harn_pol01A	City of Hines	Hines City Hall - Police	101 E Barnes	Hines	Moderate	1974	1974	1970	1		Medium-yes	Secondary S	D	W1	4.1	**RM1**	**1.9**			RM1	**1.9**	Moderate (>1%)
Harn_fir01	Harn_fir01A	City of Hines	Hines Fire Department	101 E Barnes	Hines	Moderate	1977		1980	1			RVS2006	D	**S3**	**2.8**					S3	**2.8**	Low (<1%)
Hood_fir05	Hood_fir05A	City of Hood River	Hood River FD	1785 Meyer Parkway	Hood River	Moderate	1986	1986	1980	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					RM1	**(0.1)**	Very High (100%)
Hood_pol03	Hood_pol03A	City of Hood River	Hood River Police	211 2nd St	Hood River	Moderate	1920	1920	1920	2	Medium-yes	Medium-yes	RVS2006	B	URM	1.0	**C2**	**0.7**			C2	**0.7**	High (>10%)
Hood_pol03	Hood_pol03B	City of Hood River	Hood River Police	211 2nd St	Hood River	Moderate	1920		1970	1		Medium-yes	RVS2006	B	**RM1**	**3.1**					RM1	**3.1**	Low (<1%)
Mari_pol27	Mari_pol27A	City of Hubbard	Hubbard Police Dept	3720 2nd St	Hubbard	High	1892	1892?re	1900	1			RVS2006	D	**W2**	**2.0**					W2	**2.0**	Moderate (>1%)
Bake_fir06	Bake_fir06A	City of Huntington	Huntington VFD	50 E Adams St	Huntington	Moderate			1950	1		Medium-yes	RVS2006	C	**URM**	**2.5**					URM	**2.5**	Low (<1%)
Polk_pol03	Polk_pol03A	City of Independence	Independence Police Departme	240 Monmouth St	Independence	High	1972		1960	1	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	**W2**	**0.5**	S3	2.1	W2	**0.5**	High (>10%)
Jack_fir16	Jack_fir16A	City of Jacksonville	Jacksonville Fire Department	180 N 3rd St	Jacksonville	Moderate			1920	1			Secondary S	C	W1	5.0	**RM1**	**2.4**			RM1	**2.4**	Low (<1%)
Gran_fir05	Gran_fir05A	City of John Day	John Day Fire Department	209 SE Dayton	John Day	Moderate			1940	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.5)**	C2	(0.5)			RM1	**(0.5)**	Very High (100%)
Gran_fir05	Gran_fir05B	City of John Day	John Day Fire Department	209 SE Dayton	John Day	Moderate			1950	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					RM1	**(0.1)**	Very High (100%)
Gran_pol04	Gran_pol04A	City of John Day	John Day Police Dept	450 E Main St.	John Day	Moderate			1950	1	Medium-yes	Medium-yes	RVS2006	C	W1	1.0	**RM1**	**0.3**			RM1	**0.3**	High (>10%)
Malh_fir06	Malh_fir06A	City of Jordan Valley	Jordan Valley VFD	306 Blackaby St	Jordan Valley	Moderate	1900		1970	1			RVS2006	**E**	**W1**	**4.0**					W1	**4.0**	Low (<1%)
Wall_fir01	Wall_fir01A	City of Joseph	Joseph Fire Dept	201 N Russell St	Joseph	Moderate			1980	1	Medium-yes		RVS2006	D	**S3**	**2.8**					S3	**2.8**	Low (<1%)
Wall_pol02	Wall_pol02A	City of Joseph	Joseph PD	201 N Main St	Joseph	Moderate			1940	1			RVS2006	D	**C2**	**2.0**	RM1	2.0			C2	**2.0**	Moderate (>1%)
Lane_pol10	Lane_pol10A	City of Junction City	Junction City Police Dept	672 Greenwood St	Junction City	High			1960	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**	C2	0.7			RM1	**0.7**	High (>10%)
Mari_pol29	Mari_pol29A	City of Keizer	Keizer Police Department	930 Chemawa Rd	Keizer	High	1982	1982	1980	1			SER & RVS2	**E**	**W2**	**5.4**					W2	**5.4**	Low (<1%)
Wash_pol12	Wash_pol12A	City of King City	King City Police Dept	15300 Sw 116th Ave	King City	High			1970	1		Low-minor	Secondary S	C	W1	4.4	**RM1**	**2.4**			RM1	**2.4**	Low (<1%)
Klam_pol04	Klam_pol04A	City of Klamath Falls	Klamath Falls PD	425 Walnut Ave	Klamath Falls	High			1950	2	Medium-yes	Medium-yes	RVS2006	D	**C2**	**0.7**					C2	**0.7**	High (>10%)
Unio_fir01	Unio_fir01A	City of La Grande	City of LaGrande	18000 Cove	Island City	Moderate	2002		1910				NEW	D									Low (<1%)
Unio_pol03	Unio_pol03A	City of La Grande	La Grande City Police Dept	1109 K Ave	La Grande	Moderate	1977		1980	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**	W2	1.7			RM1	**(0.1)**	Very High (100%)
Yamh_fir08	Yamh_fir08A	City of Lafayette	Lafayette FD	486 3rd St	Lafayette	High			1940	1		Medium-yes	RVS2006	D	**RM1**	**0.7**					RM1	**0.7**	High (>10%)
Yamh_fir08	Yamh_fir08B	City of Lafayette	Lafayette FD	486 3rd St	Lafayette	High			1950	1		Medium-yes	RVS2006	D	**W2**	**2.5**					W2	**2.5**	Low (<1%)
Clac_fir23	Clac_fir23A	City of Lake Oswego	Lake Oswego Fire Department	4555 Jean Rd	Lake Oswego	High	1970			1			FEMA154	C	**RM1**	**2.4**					RM1	**2.4**	Low (<1%)
Clac_fir07	Clac_fir07A	City of Lake Oswego	Lake Oswego Fire Department	1880 S Shore Blvd	Lake Oswego	High	1970			1			FEMA154	B	**RM1**	**2.8**					RM1	**2.8**	Low (<1%)
Clac_fir21	Clac_fir21A	City of Lake Oswego	Lake Oswego Fire Department	4900 Melrose St	Lake Oswego	High	1988			1			FEMA154	C	**W2**	**5.8**					W2	**5.8**	Low (<1%)
Clac_fir06	Clac_fir06A	City of Lake Oswego	Lake Oswego Fire Department	300 B Avenue	Lake Oswego	High	1995			2			NEW	C	**RM1**	**2.4**					RM1	**2.4**	Low (<1%)
Clac_pol02	Clac_pol02A	City of Lake Oswego	Lake Oswego Police Dept	380 A Ave	Lake Oswego	High	1987			3			FEMA154	C	**RM2**	**2.4**					RM2	**2.4**	Low (<1%)
Lake_fir02	Lake_fir02A	City of Lakeview	Lakeview Fire Dept	245 North F Street	Lakeview	Moderate	1984	1984	1980	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					RM1	**(0.1)**	Very High (100%)
Lake_pol03	Lake_pol03A	City of Lakeview	Lakeview Police Dept	245 N F St	Lakeview	Moderate	1984	1984	1980	1	Medium-yes	Medium-yes	RVS2006	D	**W1**	**2.2**					W1	**2.2**	Low (<1%)
Linn_pol05	Linn_pol05A	City of Lebanon	Lebanon Police Dept	40 E Maple St.	Lebanon	Moderate			1960	2	Medium-yes		RVS2006	D	**W2**	**0.6**					W2	**0.6**	High (>10%)
Morr_fir04	Morr_fir04A	City of Lexington	Lexington VFD	150 W Main St	Lexington	Moderate			1950	1		Medium-yes	RVS2006	B	**RM1**	**3.1**					RM1	**3.1**	Low (<1%)
Linc_pol06	Linc_pol06A	City of Lincoln City	Lincoln City Police Dept	1503 SE East Devils Lake Rd	Lincoln City	Very High			1980	2	Medium-yes		RVS2006	B	**W2**	**4.2**					W2	**4.2**	Low (<1%)
Jeff_pol05	Jeff_pol05A	City of Madras	Madras Police Dept	71 SE D St	Madras	Moderate	1965		1960	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					RM1	**(0.1)**	Very High (100%)
Till_fir06	Till_fir06A	City of Manzanita	Manzanita Department Of Publi	165 5th St S	Manzanita	Very High			1980	1	Low-minor	Medium-yes	Secondary S	D	W2	4.9	**C2**	**1.7**			C2	**1.7**	Moderate (>1%)
Yamh_fir06	Yamh_fir06A	City of McMinnville	McMinnville Fire Department	175 E 1st St	McMinnville	High	1987	1987	1980	2		Medium-yes	RVS2006	D	**RM1**	**1.7**					RM1	**1.7**	Moderate (>1%)
Jack_fir10	Jack_fir10A	City of Medford	Medford Fire Dept - City Hall La	200 S Ivy St	Medford	Moderate	1997						NEW	D									Low (<1%)
Jack_fir20	Jack_fir20A	City of Medford	Medford Fire Dept Station 2	1241 W 8th St.	Medford	Moderate			1950	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					RM1	**(0.1)**	Very High (100%)
Jack_fir21	Jack_fir21A	City of Medford	Medford Fire Dept Station 3	530 Highland Dr	Medford	Moderate			1950	1	Low-minor	Medium-yes	RVS2006	C	**RM1**	**2.3**					RM1	**2.3**	Low (<1%)
Jack_fir22	Jack_fir22A	City of Medford	Medford Fire Dept Station 4	2208 Table Rock Rd	Medford	Moderate	1969	1969	1960	1	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**					RM1	**0.3**	High (>10%)
Jack_fir23	Jack_fir23A	City of Medford	Medford Fire Dept Station 5	2124 Roberts Rd	Medford	Moderate	1974	1974	1970	1	Medium-yes	Medium-yes	RVS2006	C	**W1**	**1.0**					W1	**1.0**	High (>10%)
Jack_fir24	Jack_fir24A	City of Medford	Medford Fire Dept Station 6	3700 Barnett Rd	Medford	Moderate	1999						NEW	C									Low (<1%)
Jack_pol07	Jack_pol07A	City of Medford	Medford Police Department - Cit	411 W 8th St	Medford	Moderate	1966	1966	1960	3	Medium-yes		RVS2006	D	**C2**	**0.4**					C2	**0.4**	High (>10%)
Jack_eoc01	Jack_eoc01A	City of Medford	Rogue Valley Consolidated Com	200 S Ivy St	Medford	High	1997						NEW										Low (<1%)
Jack_fir18	Jack_fir18A	City of Medford	Rogue Valley International-Med	3650 Biddle Rd	Medford	Moderate			1970	1	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**					RM1	**0.3**	High (>10%)
Jeff_pol03	Jeff_pol03A	City of Metoloius	Metoloius Police Dept	636 Jefferson Ave	Madras	Moderate			1970	1			Secondary S	C	W1	5.0	**RM1**	**2.8**			RM1	**2.8**	Low (<1%)
Umat_fir10	Umat_fir10A	City of Milton-Freewater	Milton - Freewater Fire Departm	106 NE Sixth	Milton-Freewate	Moderate			1970	1		Medium-yes	RVS2006	D	**S3**	**2.3**					S3	**2.3**	Low (<1%)
Umat_pol07	Umat_pol07A	City of Milton-Freewater	Milton Freewater Police Dept an	722 S Main St	Milton-Freewate	Moderate	1910	1910	1910	2	Medium-yes	Medium-yes	RVS2006	D	URM	**0.2**					URM	**0.2**	High (>10%)
Umat_fir03	Umat_fir03A	City of Milton-Freewater	Milton Freewater RFD	84629 Eastside Rd	Milton-Freewate	Moderate	1983	1983	1980	2	Medium-yes	Medium-yes	RVS2006	C	S3	2.7	**W1**	**2.6**			W1	**2.6**	Low (<1%)
Whee_fir03	Whee_fir03A	City of Mitchell	Mitchell Fire & Ambulance	202 SE High St	Mitchell	Moderate			1980	1		Medium-yes	RVS2006	C	S3	2.7	**RM1**	**2.3**			RM1	**2.3**	Low (<1%)
Clac_pol10	Clac_pol10A	City of Molalla	Molalla Police Department	117 N Mollala Ave	Molalla	High	1950			1			FEMA154	C	**C2**	**2.4**					C2	**2.4**	Low (<1%)
Polk_pol04	Polk_pol04A	City of Monmouth	Monmouth Police Department	238 E Jackson St	Monmouth	High	1970		1970	1		Low-minor	RVS2006	D	**W2**	**3.0**					W2	**3.0**	Low (<1%)
Wasc_fir04	Wasc_fir04A	City of Mosier	Mosier Fire Depart - City Hall	208 Washington St	Mosier	Moderate			1960	1	Low-minor	Medium-yes	RVS2006	B	**S3**	**3.3**	W1	4.7			S3	**3.3**	Low (<1%)
Wasc_fir04	Wasc_fir04C	City of Mosier	Mosier Fire Depart - City Hall	208 Washington St	Mosier	Moderate			1990	1			RVS2006	B	**S3**	**3.8**	W1	6.8			S3	**3.8**	Low (<1%)
Wasc_fir04	Wasc_fir04B	City of Mosier	Mosier Fire Depart - City Hall	208 Washington St	Mosier	Moderate			1930	1			RVS2006	B	**W1**	**5.2**					W1	**5.2**	Low (<1%)
Wasc_fir05	Wasc_fir05A	City of Mosier	Mosier RFD	1250 State Rd	Mosier	Moderate			1970	1		Medium-yes	RVS2006	C	**S3**	**2.7**	W1	4.5			S3	**2.7**	Low (<1%)
Mari_fir42	Mari_fir42B	City of Mt Angel	Mt Angel Fire Dept	300 Monroe St	Mount Angel	High			1990	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					RM1	**0.7**	High (>10%)
Mari_fir42	Mari_fir42A	City of Mt Angel	Mt Angel Fire Dept	300 Monroe St	Mount Angel	High			1990	1	Medium-yes	Medium-yes	RVS2006	D	**W1**	**3.8**					W1	**3.8**	Low (<1%)
Mari_pol12	Mari_pol12A	City of Mt Angel	Mt Angel Police Dept	5 Garfield St	Mount Angel	High			1920	1	Medium-yes		RVS2006	D	**C2**	**0.2**					C2	**0.2**	High (>10%)
Gran_fir02	Gran_fir02A	City of Mt Vernon	Mount Vernon Fire Department	199 W Main	Mount Vernon	Moderate			1950	1		Medium-yes	RVS2006	C	**W1**	**4.5**					W1	**4.5**	Low (<1%)
Doug_fir41	Doug_fir41A	City of Myrtle Creek	Myrtle Creek FD	601 NE Riverside Dr	Myrtle Creek	High	1997						NEW	C									Low (<1%)
Doug_pol02	Doug_pol02A	City of Myrtle Creek	Myrtle Creek Police Dept	215 NW Pleasant St	Myrtle Creek	High			1960	2	Medium-yes		RVS2006	C	**RM1**	**1.4**					RM1	**1.4**	Moderate (>1%)
Coos_fir18	Coos_fir18A	City of Myrtle Point	Myrtle Point Fire	Sitkum Ln Brady Rd Gravelfo	Myrtle Point	Very High	2005						NEW	C									Low (<1%)
Coos_fir16	Coos_fir16A	City of Myrtle Point	Myrtle Point Fire	320 5th St	Myrtle Point	Very High			1960	1	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**					RM1	**0.9**	High (>10%)
Coos_fir17	Coos_fir17A	City of Myrtle Point	Myrtle Point Fire	Dement Crk Rd and Powers I	Myrtle Point	Very High			1980	1		Medium-yes	RVS2006	C	**S3**	**2.3**					S3	**2.3**	Low (<1%)
Coos_fir16	Coos_fir16B	City of Myrtle Point	Myrtle Point Fire	320 5th St	Myrtle Point	Very High			1990	1	Medium-yes	Medium-yes	RVS2006	C	**W1**	**3.8**					W1	**3.8**	Low (<1%)
Coos_pol08	Coos_pol08A	City of Myrtle Point	Myrtle Point Police Department	424 5th St	Myrtle Point	Very High	1924	1924	1920	1	Medium-yes	Medium-yes	RVS2006	C	**C2**	**(0.1)**	RM1	(0.1)			C2	**(0.1)**	Very High (100%)
Till_fir07	Till_fir07A	City of Nehalem	Nehalem VFD/City Hall	35900 8th St	Nehalem	Very High	1900		1940	2	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**(0.1)**	W1	1.4			RM1	**(0.1)**	Very High (100%)
Yamh_pol01	Yamh_pol01A	City of Newberg	City of Newberg - Public Safety	401 E 3rd St	Newberg	High	1998						NEW	D									Low (<1%)

OREGON RURAL FIRE PROTECTION DISTRICTS FACILITIES

Project Facility Tracking Data:

Site Unique ID	Building Unique ID	District_Name	RFPD Facility Name	Address	City	USGS Seismic Zone	Year Built	Field Plaque	Est Decade	Stories #	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	Soil	FEMA 154-Based Rapid Visual Screening Scores: Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Building Collapse Potential
Yamh_pol06	Yamh_pol06A	City of Newberg	Newberg - Dundee Police and 9	1502 N Highway 99W	McMinnville	High			1970	1	Medium-yes	Medium-yes	RVS2006	D	**W1**	**1.4**					**W1**	**1.4**	Moderate (>1%)
Yamh_fir02	Yamh_fir02A	City of Newberg	Newberg Fire Department - Stat	414 E 2nd St	Newberg	High							RETROFITTE	D									Moderate (>1%)
Yamh_fir11	Yamh_fir11A	City of Newberg	Newberg Fire Department - Stat	3100 Middlebrook Dr	Newberg	High	1999						NEW	D									Low (<1%)
Linc_fir07	Linc_fir07A	City of Newport	Newport FD - Station 1	245 NW 10th St	Newport	Very High			1980	2	Low-minor	Medium-yes	RVS2006	B	C2	2.3	**PC1**	**2.1**	W2	5.7	**PC1**	**2.1**	Low (<1%)
Linc_pol04	Linc_pol04A	City of Newport	Newport Police Dept	169 SW Coast Hwy	Newport	Very High			1930	1	Medium-yes	Medium-yes	RVS2006	B	**W2**	**0.3**					**W2**	**0.3**	High (>10%)
Coos_fir08	Coos_fir08A	City of North Bend	North Bend Fire	1880 McPherson St	North Bend	Very High			1960	2	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.5**	C2	0.7			**W2**	**0.5**	High (>10%)
Coos_fir31	Coos_fir31A	City of North Bend	North Bend Fire	1837 E Airport Way	North Bend	Very High			1950	2	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**	C2	0.7	W1	1.4	**RM1**	**0.7**	High (>10%)
Coos_fir32	Coos_fir32A	City of North Bend	North Bend Fire	2222 Newmark St	North Bend	Very High			1990	2	Medium-yes	Medium-yes	RVS2006	D	**W1**	**3.8**					**W1**	**3.8**	Low (<1%)
Coos_pol01	Coos_pol01A	City of North Bend	North Bend Police Dept	835 California St	North Bend	Very High	1939	1939	1930	2	Medium-yes	Medium-yes	RVS2006	D	**W2**	**(0.5)**					**W2**	**(0.5)**	Very High (100%)
Wash_pol05	Wash_pol05A	City of North Plains	North Plains Police Dept	31360 Nw Commercial St	North Plains	High	1995		1960	1		Medium-yes	NEW	D	**RM1**	**1.7**					**RM1**	**1.7**	Moderate (>1%)
Wash_pol05	Wash_pol05B	City of North Plains	North Plains Police Dept	31360 Nw Commercial St	North Plains	High	1995	1995	1990	1		Medium-yes	NEW	D	**W1**	**6.3**					**W1**	**6.3**	Low (<1%)
Malh_pol04	Malh_pol04A	City of Nyssa	Nyssa City Police Dept	14 South 3rd St	Nyssa	Moderate	1938	1938	1930	1	Medium-yes	Low-minor	RVS2006	D	**C2**	**0.0**	URM	0.7			**C2**	**0.0**	Very High (100%)
Malh_fir02	Malh_fir02A	City of Nyssa	Nyssa Fire Department	21 Good Avenue	Nyssa	Moderate	1938		1960	2	Medium-yes	Medium-yes	RVS2006	D	**C2**	**(0.1)**					**C2**	**(0.1)**	Very High (100%)
Doug_pol04	Doug_pol04A	City of Oakland	Oakland Police Dept	637 NE Locust St	Oakland	High			1900	2		Medium-yes	RVS2006	B	**URM**	**1.1**					**URM**	**1.1**	Moderate (>1%)
Lane_fir15	Lane_fir15A	City of Oakridge	Oakridge Fire Department	47592 Highway 58	Oakridge	Moderate			1990	1	Medium-yes	Medium-yes	RVS2006	C	**W2**	**2.1**					**W2**	**2.1**	Low (<1%)
Lane_fir15	Lane_fir15B	City of Oakridge	Oakridge Fire Department	47592 Highway 58	Oakridge	Moderate			1990	1	Medium-yes	Medium-yes	RVS2006	C	**S3**	**2.7**					**S3**	**2.7**	Low (<1%)
Lane_pol12	Lane_pol12A	City of Oakridge	Oakridge Police Dept	76435 Ash St.	Oakridge	Moderate	1961	1961	1960	2	Medium-yes		RVS2006	C	**W2**	**1.0**					**W2**	**1.0**	High (>10%)
Malh_fir03	Malh_fir03A	City of Ontario	Ontario Fire Department	444 SW 4th St	Ontario	Moderate	1977	1977	1970	2	Medium-yes	Low-minor	RVS2006	**E**	**RM1**	-					**RM1**	**-**	Very High (100%)
Malh_pol02	Malh_pol02A	City of Ontario	Ontario Police Dept	444 Southwest 4th St	Ontario	Moderate	1977	1977	1970	2	Medium-yes		RVS2006	**E**	**RM1**	-					**RM1**	**-**	Very High (100%)
Clac_pol11	Clac_pol11A	City of Oregon City	Oregon City Police Department	320 Warner Milne Rd	Oregon City	High	1965			1			FEMA154	C	**RM1**	**2.4**					**RM1**	**2.4**	Low (<1%)
Lake_fir03	Lake_fir03B	City of Paisley	Paisley VFD	1011 Cottonwood Street	Paisley	Moderate			1970	1		Medium-yes	RVS2006	D	**W1**	**4.1**					**W1**	**4.1**	Low (<1%)
Lake_fir03	Lake_fir03A	City of Paisley	Paisley VFD	1011 Cottonwood Street	Paisley	Moderate			1960	1			RVS2006	D	**W1**	**4.6**					**W1**	**4.6**	Low (<1%)
Umat_fir06	Umat_fir06A	City of Pendleton	Pendleton City Fire	911 SW Court Ave	Pendleton	Moderate			1950	1	Medium-yes	Medium-yes	RVS2006	C	**C2**	**0.3**					**C2**	**0.3**	High (>10%)
Jack_fir03	Jack_fir03A	City Of Phoenix	City Of Phoenix	116 W 2nd St	Phoenix	Moderate			1970	1	Low-minor	Medium-yes	RVS2006	C	**RM1**	**2.3**					**RM1**	**2.3**	Low (<1%)
Umat_pol09	Umat_pol09A	City of Pilot Rock	Pilot Rock Police Dept	144 N Alder Pl	Pilot Rock	Moderate	1930		1950	1	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**					**RM1**	**0.3**	High (>10%)
Curr_fir01	Curr_fir01A	City of Port Orford	Port Orford Police Dept and Rur	555 W 20th St.	Port Orford	Very High			1960	1	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	**W2**	**0.5**			**W2**	**0.5**	High (>10%)
Mult_pol16	Mult_pol16A	City of Portland	Portland City Police - Central	1111 SW 2nd Ave	Portland	High	1983	1983	1980	**20**	High	Medium-yes	RVS2006	C	**C1**	**2.1**	C2	4.1			**C1**	**2.1**	Low (<1%)
Mult_pol10	Mult_pol10A	City of Portland	Portland East Precinct Commun	737 SE 106th Ave	Portland	High			1990	2	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**	C2	3.3			**RM1**	**0.9**	High (>10%)
Mult_eoc01	Mult_eoc01A	City of Portland	Portland Emergency Communic	9911 SE Bush St	Portland	High	2002						NEW										Low (<1%)
Mult_fir06	Mult_fir06A	City of Portland	Portland F & R - Station 01 Dow	55 SW Ash	Portland	High	**1950**	1951	1950	3	High	Medium-yes	**To be Retrof**	C	**C2**	**0.9**					**C2**	**0.9**	Low (<1%)
Mult_fir35	Mult_fir35A	City of Portland	Portland F & R - Station 02 Park	4800 Ne 122nd Avenue	Portland	High	1978						RETROFITTE	C									Moderate (>1%)
Mult_fir07	Mult_fir07A	City of Portland	Portland F & R - Station 03 NW	1715 NW Johnson Street	Portland	High	1967						RETROFITTE	C									Moderate (>1%)
Mult_fir08	Mult_fir08A	City of Portland	Portland F & R - Station 04 PSU	511 SW College Street	Portland	High	**1962**						RETROFITTE	D									Moderate (>1%)
Mult_fir05	Mult_fir05A	City of Portland	Portland F & R - Station 05 Hills	1505 Sw Dewitt Street	Portland	High	**1960**						RETROFITTE	C									Moderate (>1%)
Mult_fir33	Mult_fir33A	City of Portland	Portland F & R - Station 06 NW	3660 NW Front Avenue	Portland	High	**1960**						RETROFITTE	D									Moderate (>1%)
Mult_fir26	Mult_fir26A	City of Portland	Portland F & R - Station 07 Mill I	1500 SE 122nd Avenue	Portland	High	1975						RETROFITTE	C									Moderate (>1%)
Mult_fir29	Mult_fir29A	City of Portland	Portland F & R - Station 08 Kent	7134 N Maryland Avenue	Portland	High	**1959**						MISSED	C									High (>10%)
Mult_fir32	Mult_fir32A	City of Portland	Portland F & R - Station 09 Haw	1706 SE 39th Avenue	Portland	High	**2003**						NEW	C									Low (<1%)
Mult_fir20	Mult_fir20A	City of Portland	Portland F & R - Station 10 Burli	451 SW Taylors Ferry Road	Portland	High	1985						RETROFITTE	C									Moderate (>1%)
Mult_fir15	Mult_fir15A	City of Portland	Portland F & R - Station 11 Lent	5707 SE 92nd Avenue	Portland	High	**1928**						MISSED	C									High (>10%)
Mult_fir42	Mult_fir42A	City of Portland	Portland F & R - Station 12 Sum	8645 NE Sandy Blvd	Portland	High	**2002**						NEW	B									Low (<1%)
Mult_fir01	Mult_fir01A	City of Portland	Portland F & R - Station 13 Lloy	926 NE Wiedler Street	Portland	High	1955						RETROFITTE	C									Moderate (>1%)
Mult_fir30	Mult_fir30A	City of Portland	Portland F & R - Station 14 Verr	1905 NE Killingsworth Street	Portland	High	**1959**						RETROFITTE	C									Moderate (>1%)
Mult_fir16	Mult_fir16A	City of Portland	Portland F & R - Station 15 SW	1920 SW Spring Street	Portland	High	1927						MISSED	B									High (>10%)
Mult_fir41	Mult_fir41A	City of Portland	Portland F & R - Station 16 Sylv	1715 SW Skyline Blvd	Portland	High	**2002**						NEW	C									Low (<1%)
Mult_fir19	Mult_fir19A	City of Portland	Portland F & R - Station 17 Hay	848 N Tomahawk Drive	Portland	High	1994						NEW	D									Low (<1%)
Mult_fir13	Mult_fir13A	City of Portland	Portland F & R - Station 18 Mult	8720 SW 30th Avenue	Portland	High	1960	1960	1960	1	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**	W1	1.4			**RM1**	**0.9**	High (>10%)
Mult_fir28	Mult_fir28A	City of Portland	Portland F & R - Station 19 Mt T	7301 E Burnside Street	Portland	High	**1953**						MISSED	C									High (>10%)
Mult_fir31	Mult_fir31A	City of Portland	Portland F & R - Station 20 Sell	2235 SE Bybee Street	Portland	High	**1959**						RETROFITTE	C									Moderate (>1%)
Mult_fir18	Mult_fir18A	City of Portland	Portland F & R - Station 22 St. J	7205 N Alta Street	Portland	High	**1954**						RETROFITTE	D									Moderate (>1%)
Mult_fir23	Mult_fir23A	City of Portland	Portland F & R - Station 23 Low	2915 SE 13th Place	Portland	High	**1962**						MISSED	C									High (>10%)
Mult_fir25	Mult_fir25A	City of Portland	Portland F & R - Station 24 Swa	4515 N Maryland	Portland	High	**1959**						MISSED	C									High (>10%)
Mult_fir22	Mult_fir22A	City of Portland	Portland F & R - Station 25 Woo	5211 SE Mall Street	Portland	High	1959						RETROFITTE	C									Moderate (>1%)
Mult_fir21	Mult_fir21A	City of Portland	Portland F & R - Station 26 Univ	8247 N Lombard Street	Portland	High	**1938**						RETROFITTE	C									Moderate (>1%)
		City of Portland	Portland F & R - Station 27 Fore	**3130 NW Skyline Blvd**	Portland	High	**2006**						**NEW**										Low (<1%)
Mult_fir40	Mult_fir40A	City of Portland	Portland F & R - Station 28 Ros	5540 NE Sandy Blvd	Portland	High	**1928**						RETROFITTE	C									Moderate (>1%)
Mult_fir24	Mult_fir24A	City of Portland	Portland F & R - Station 29 Gilb	13310 SE Foster Road	Portland	High	**1959**						MISSED	D									High (>10%)
Mult_fir14	Mult_fir14A	City of Portland	Portland F & R - Station 43 Gate	13313 NE San Rafeal Street	Portland	High	**1958**						MISSED	C									High (>10%)
Mult_fir09	Mult_fir09A	City of Portland	Portland F & R - Station 45 Rocl	1927 SE 174th Street	Portland	High	1958						MISSED	C									High (>10%)
Mult_fir11	Mult_fir11A	City of Portland	Portland Fire Bureau - Maintena	1135 SE Powell Blvd	Portland	High	1983	1983	1980	2	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9	C2	0.9			RM1	0.9	High (>10%)
Mult_pol03	Mult_pol03A	City of Portland	Portland Police Bureau	4735 SE Burnside St	Portland	High	1950						RETROFITTE	C									Moderate (>1%)
Mult_pol07	Mult_pol07A	City of Portland	Portland Police Bureau	7214 N Philadelphia Ave	Portland	High							RETROFITTE	D									Moderate (>1%)
Mult_pol01	Mult_pol01A	City of Portland	Portland Police Bureau NE Com	449 NE Emerson	Portland	High	1997		1940	2	Medium-yes	Medium-yes	NEW	C	**C2**	**(0.1)**	RM1	(0.1)			**C2**	**(0.1)**	Very High (100%)
Mult_pol06	Mult_pol06A	City of Portland	Portland Police Bureau Sunshin	687 N Thompson St	Portland	High	1929		1940	2		Medium-yes	RVS2006	C	**C2**	**0.9**					**C2**	**0.9**	High (>10%)
Mult_pol06	Mult_pol06B	City of Portland	Portland Police Bureau Sunshin	687 N Thompson St	Portland	High	1929		1910	2	Medium-yes	Medium-yes	RVS2006	C	C2	(0.1)	W2	(0.1)	**URM**	**(0.3)**	**URM**	**(0.3)**	Very High (100%)
Mult_pol17	Mult_pol17A	City of Portland	Portland Police Bureau Traffic D	1319 SW MLKJ Blvd	Portland	High			1920	2			Secondary S	C	C2	1.4	**C1**	**0.9**			**C1**	**0.9**	High (>10%)
Coos_fir13	Coos_fir13A	City of Powers	Powers Police and Volunteer Fir	273 Fir St.	Powers	Very High			1960	1	Low-minor	Medium-yes	RVS2006	C	**RM1**	**1.9**					**RM1**	**1.9**	Moderate (>1%)
Gran_fir07	Gran_fir07A	City of Prairie City	Prairie City FD and Police	133 S Bridge St	Prairie City	Moderate	1978	1978	1970	1	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.3**					**RM1**	**0.3**	High (>10%)
Croo_pol03	Croo_pol03A	City of Prineville	Prineville PD	400 NE 3rd St.	Prineville	Moderate	1956	1956	1950	1	Medium-yes	Medium-yes	RVS2006	D	W2	0.1	**RM1**	**(0.1)**			**RM1**	**(0.1)**	Very High (100%)
Jack_fir25	Jack_fir25A	City of Prospect	Prospect Fire Department	276 Mill Creek Dr	Prospect	Moderate			1960	2	Medium-yes	Medium-yes	RVS2006	C	**W1**	**1.0**					**W1**	**1.0**	High (>10%)
Jack_pol10	Jack_pol10A	City of Prospect	Prospect Police Department	300 Mill Creek Dr	Prospect	Moderate			1960	1			RVS2006	C	**W1**	**5.0**					**W1**	**5.0**	Low (<1%)
Colu_pol04	Colu_pol04A	City of Rainier	Rainier City Police Dept City Ha	106 W B St	Rainier	High			1920	3	Medium-yes	Medium-yes	RVS2006	D	**C2**	**(0.3)**					**C2**	**(0.3)**	Very High (100%)
Desc_fir09	Desc_fir09A	City of Redmond	Redmond F & R - Station 401 H	341 Nw Dogwood	Redmond	Moderate	2003						NEW	C									Low (<1%)
Desc_fir06	Desc_fir06A	City of Redmond	Redmond F & R - Station 403 A	911 Se Salmon	Redmond	Moderate	1992						MISSED	C									High (>10%)
Desc_fir08	Desc_fir08A	City of Redmond	Redmond F & R - Station 404 C	100 SW 67th	Redmond	Moderate	1994		1990	1	Medium-yes	Medium-yes	NEW	C	**RM1**	**0.3**					**RM1**	**0.3**	High (>10%)
Doug_fir14	Doug_fir14A	City of Reedsport	Reedsport FD Station 1	124 N 4th St	Reedsport	Very High			1950	2	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.5**	RM1	0.7			**W2**	**0.5**	High (>10%)
Doug_fir38	Doug_fir38A	City of Reedsport	Reedsport FD Station 2	2680 Frontage Rd	Reedsport	Very High			1990	2	Medium-yes	Medium-yes	RVS2006	D	**W1**	**3.8**					**W1**	**3.8**	Low (<1%)
Doug_pol08	Doug_pol08A	City of Reedsport	Reedsport Police Dept	146 N 4th St	Reedsport	Very High			1950	2	Medium-yes	Medium-yes	RVS2006	D	**W2**	**0.5**	RM1	0.7			**W2**	**0.5**	High (>10%)

OREGON RURAL FIRE PROTECTION DISTRICTS FACILITIES

Project Facility Tracking Data:

Site Unique ID	Building Unique ID	District_Name	RFPD Facility Name	Address	City	USGS Seismic Zone	Year Built	Field Plaque	Est Decade	Stories #	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	Soil	FEMA 154-Based Rapid Visual Screening Scores: Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Building Collapse Potential
Doug_fir35	Doug_fir35A	City of Riddle	Riddle FD	250 N Main St	Riddle	High			1950	2	Low-minor	Medium-yes	RVS2006	C	**RM1**	**1.9**					RM1	1.9	Moderate (>1%)
Till_fir08	Till_fir08A	City of Rockaway Beach	Rockaway Beach Fire Dept	270 S Anchor St	Rockaway	Very High			1960	2	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					RM1	0.7	High (>10%)
Till_pol03	Till_pol03A	City of Rockaway Beach	Rockaway Police Dept	202 N Hwy 101	Rockaway Beac	Very High			1930	1		Medium-yes	RVS2006	E	**C2**	**0.5**					C2	0.5	High (>10%)
Jack_pol02	Jack_pol02A	City of Rogue River	Rogue River Police Business	133 Broadway	Rogue River	High			1950	1			RVS2006	D	**RM1**	**2.2**					RM1	2.2	Low (<1%)
Doug_fir11	Doug_fir11A	City of Roseburg	Roseburg FD	801 NW Garden Valley Blvd	Roseburg	High			1960	1	Medium-yes	Medium-yes	RVS2006	C	**RM1**	**0.9**					RM1	0.9	High (>10%)
Doug_fir12	Doug_fir12A	City of Roseburg	Roseburg FD	2177 W Harvard Ave	Roseburg	High	1954	1954	1950	1	Medium-yes	Medium-yes	RVS2006	C	**C2**	**0.9**					C2	0.9	High (>10%)
Doug_fir10	Doug_fir10A	City of Roseburg	Roseburg FD	774 SE Rose St	Roseburg	High			1950	2		Medium-yes	RVS2006	C	**C2**	**1.9**					C2	1.9	Moderate (>1%)
Doug_pol03	Doug_pol03A	City of Roseburg	Roseburg Police Dept	205 SE Jackson St	Roseburg	High			1990	1			RVS2006	C	**RM1**	**2.4**	W1	6.8			RM1	2.4	Low (<1%)
Sher_fir05	Sher_fir05A	City of Rufus	Rufus VFD	400 Main St	Rufus	Moderate			1960	1			Secondary S	C	RM1	2.8	**C3**	**2.6**			C3	2.6	Low (<1%)
Mari_pol30	Mari_pol30A	City of Salem	Salem City Hall	555 Liberty St NE	Salem	High	1968	1968	1960	3	Medium-yes	Medium-yes	RVS2006	C	C2	0.9	**C1**	**0.1**			C1	0.1	High (>10%)
Mari_pol30	Mari_pol30B	City of Salem	Salem Civic Center Garage	555 Liberty St NE	Salem	High	1968		1960	3	High	Medium-yes	Secondary S	C	C2	0.9	**C1**	**0.1**			C1	0.1	High (>10%)
Mari_fir12	Mari_fir12A	City of Salem	Salem Fire Dept - Station 01	370 Trade St SE	Salem	High	1970			2			To be Retrofi	C	**C2**	**2.4**					C2	2.4	Low (<1%)
Mari_fir17	Mari_fir17A	City of Salem	Salem Fire Dept - Station 02	875 Madison St NE	Salem	High	1976			1			To be Retrofi	D	**RM1**	**2.2**					RM1	2.2	Low (<1%)
Mari_fir16	Mari_fir16A	City of Salem	Salem Fire Dept - Station 03	1884 Lansing Ave NE	Salem	High	1970			1			To be Retrofi	D	**W1**	**4.4**					W1	4.4	Low (<1%)
Mari_fir19	Mari_fir19A	City of Salem	Salem Fire Dept - Station 04	200 Alice St SE	Salem	High	1974			1			To be Retrofi	B	**RM2**	**2.8**					RM2	2.8	Low (<1%)
Polk_fir04	Polk_fir04A	City of Salem	Salem Fire Dept - Station 05	1520 NW Glen Creek Rd.	Salem	High			1960	1		Medium-yes	To be Re-bui	B	**W1**	**3.9**					W1	3.9	Low (<1%)
Mari_fir11	Mari_fir11A	City of Salem	Salem Fire Dept - Station 06	2740 25th St SE	Salem	High			1960	1	Medium-yes	Medium-yes	SER & RVS2	C	RM1	0.9	W1	1.4			RM1	0.9	High (>10%)
Mari_fir10	Mari_fir10A	City of Salem	Salem Fire Dept - Station 06	2740 25th St SE	Salem	High	1966			1			To be Retrofi	C	**C2**	**2.4**					C2	2.4	Low (<1%)
Mari_fir46	Mari_fir46A	City of Salem	Salem Fire Dept - Station 07	4730 Liberty Rd SE	Salem	High			1970	1	Medium-yes	Medium-yes	RVS2006	B	RM1	1.3					RM1	1.3	Moderate (>1%)
Mari_fir18	Mari_fir18A	City of Salem	Salem Fire Dept - Station 07	4730 Liberty Rd S	Salem	High	1964			1			To be Re-bui	B	**RM1**	**2.8**					RM1	2.8	Low (<1%)
Mari_fir21	Mari_fir21A	City of Salem	Salem Fire Dept - Station 08	4000 Lancaster Dr (CCC Bldg	Salem	High	1993		1970	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**					RM1	0.7	High (>10%)
Mari_fir20	Mari_fir20A	City of Salem	Salem Fire Dept - Station 09	5080 Battle Creek Rd SE	Salem	High	1982			2			To be Retrofi	B	**W1**	**6.8**					W1	6.8	Low (<1%)
Clac_pol07	Clac_pol07A	City of Sandy	Sandy Police Dept	38970 Proctor Blvd	Sandy	Moderate	1970			1			FEMA154	C	**W1**	**5.0**					W1	5.0	Low (<1%)
Colu_pol01	Colu_pol01A	City of Scappoose	Scappoose Police Dept	33568 E Columbia Ave	Scappoose	High			1950	2	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**					RM1	1.3	Moderate (>1%)
Clat_fir06	Clat_fir06A	City of Seaside	Seaside Fire & Rescue	150 S Lincoln	Seaside	Very High	1989	1989	1980	2	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**					RM1	1.3	Moderate (>1%)
Clat_pol06	Clat_pol06A	City of Seaside	Seaside Police Department	1091 S Holladay	Seaside	Very High	1999		1990	2	Medium-yes	Medium-yes	NEW	B	**W2**	**3.7**					W2	3.7	Low (<1%)
Gran_fir04	Gran_fir04A	City of Seneca	Seneca Volunteer FD	106 A Avenue	Seneca	Moderate			1950	1	Medium-yes	Medium-yes	RVS2006	D	W1	0.6	**RM1**	**(0.1)**			RM1	(0.1)	Very High (100%)
Yamh_fir03	Yamh_fir03A	City of Sheridan	Sheridan Fire District	230 Sw Mill St	Sheridan	High	1983	1983	1980	2	Medium-yes	Low-minor	RVS2006	C	**RM1**	**1.4**					RM1	1.4	Moderate (>1%)
Wash_pol17	Wash_pol17A	City of Sherwood	Sherwood PD	20495 SW Borchers Dr	Sherwood	High			1980	1	Low-minor	Medium-yes	RVS2006	D	**RM1**	**1.7**					RM1	1.7	Moderate (>1%)
Whee_fir02	Whee_fir02A	City of Spray	Spray Volunteer Fire Departmer	300 Park Avenue	Spray	Moderate			1950	1		Medium-yes	RVS2006	D	**RM1**	**1.9**					RM1	1.9	Moderate (>1%)
Lane_fir08	Lane_fir08A	City of Springfield	Springfield Fire Station 1	6853 Main St	Springfield	Moderate			1970	1	Medium-yes	Medium-yes	RVS2006	B	**W2**	**1.3**					W2	1.3	Moderate (>1%)
Lane_fir02	Lane_fir02A	City of Springfield	Springfield Fire Station 2	4765 Main St	Springfield	Moderate	1962	1962	1960	1	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.1**	W2	1.3			RM1	1.1	Moderate (>1%)
Lane_fir07	Lane_fir07A	City of Springfield	Springfield Fire Station 3	**1225 28th St**	Springfield	High			1970	1	Medium-yes	Medium-yes	RVS2006	B	**W2**	**1.3**	RM2	1.3			W2	1.3	Moderate (>1%)
Lane_fir01	Lane_fir01A	City of Springfield	Springfield Fire Station 4	**1475 5th St**	Springfield	High			1970	1	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**					RM1	1.3	Moderate (>1%)
Lane_fir05	Lane_fir05A	City of Springfield	Springfield Fire Station 5	2705 Pheasant Blvd	Springfield	High	1997						NEW	B									Low (<1%)
Lane_pol01	Lane_pol01A	City of Springfield	Springfield Police Dept	344 A St	Springfield	High			1970	2	Medium-yes	Medium-yes	RVS2006	B	**PC1**	**2.1**					PC1	2.1	Low (<1%)
Umat_fir02	Umat_fir02A	City of Stanfield	Stanfield Fire Dist	280 W Coe	Stanfield	Moderate	1979		1990	1		Medium-yes	RVS2006	D	**S3**	**2.3**					S3	2.3	Low (<1%)
Mari_pol13	Mari_pol13A	City of Stayton	Stayton Police Dept	386 N 3rd Ave	Stayton	Moderate	1946		1930	1	Medium-yes	Medium-yes	RVS2006	D	**C2**	**(0.5)**	RM1	(0.5)			C2	(0.5)	Very High (100%)
Bake_fir13	Bake_fir13A	City of Sumpter	Sumpter FD	240 N Mill St	Sumpter	Moderate			1970	1	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.5**					W2	0.5	High (>10%)
Doug_fir03	Doug_fir03A	City of Sutherlin	Sutherlin FD	250 S State St	Sutherlin	High			1970	2	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**					RM1	1.3	Moderate (>1%)
Doug_fir45	Doug_fir45A	City of Sutherlin	Sutherlin FD	1120 State Hwy 138	Sutherlin	High			1990	2		Medium-yes	RVS2006	B	**W2**	**5.7**					W2	5.7	Low (<1%)
Doug_pol07	Doug_pol07A	City of Sutherlin	Sutherlin Police Dept	126 E Central Ave	Sutherlin	High			1950	1	Medium-yes	Medium-yes	RVS2006	B	**RM1**	**1.3**	URM	0.3			RM1	1.3	Moderate (>1%)
Linn_fir25	Linn_fir25A	City of Sweet Home	Sweet Home Fire And Ambulan	25995 1st Ave	Crawfordsville	Moderate	1991		1980	1		Medium-yes	RVS2006	C	**W1**	**6.1**					W1	6.1	Low (<1%)
Linn_fir07	Linn_fir07A	City of Sweet Home	Sweet Home Fire And Ambulan	1099 Long St	Sweet Home	Moderate	1994		1990	1	Medium-yes	Low-minor	NEW	D	**W2**	**2.2**	S3	2.8			W2	2.2	Low (<1%)
Linn_fir07	Linn_fir07B	City of Sweet Home	Sweet Home Fire And Ambulan	1099 Long St	Sweet Home	Moderate	1994		1990	1	Low-minor	Low-minor	NEW	D	**W1**	**6.2**					W1	6.2	Low (<1%)
Linn_fir26	Linn_fir26A	City of Sweet Home	Sweet Home Fire And Ambulan	49258 Santiam Hwy	Cascadia	Moderate			1990	1		Medium-yes	RVS2006	C	**W1**	**6.1**					W1	6.1	Low (<1%)
Linn_fir24	Linn_fir24A	City of Sweet Home	Sweet Home Fire And Ambulan	1402 47th Ave	Sweet Home	Moderate			1990	1		Medium-yes	RVS2006	D	**W1**	**5.7**					W1	5.7	Low (<1%)
Linn_pol03	Linn_pol03A	City of Sweet Home	Sweet Home Police Dept	1950 Main St	Sweet Home	Moderate	2001						NEW	C									Low (<1%)
Jack_pol05	Jack_pol05A	City of Talent	Talent Police Dept	604 Talent Ave.	Talent	Moderate	1990	1990	1990	1			RVS2006	C	**RM1**	**2.8**					RM1	2.8	Low (<1%)
Wash_pol06	Wash_pol06A	City of Tigard	Tigard Police Dept	13125 Sw Hall Blvd	Tigard	High			1960	1	Medium-yes	Medium-yes	RVS2006	D	RM1	0.7	**W2**	**0.5**			W2	0.5	High (>10%)
Till_pol06	Till_pol06A	City of Tillamook	Tillamook City Police Dept	207 Madrona Ave	Tillamook	Very High	2004						NEW	D									Low (<1%)
Linc_fir06	Linc_fir06A	City of Toledo	City of Toledo Fire Department	496 E Hwy 20	Toledo	Very High			1970	2	Medium-yes	Medium-yes	RVS2006	C	**W2**	**0.9**	RM1	0.9			W2	0.9	High (>10%)
Linc_fir22	Linc_fir22A	City of Toledo	Toledo FD	285 NE Burgess Rd	Toledo	Very High	2006						NEW	C									Low (<1%)
Linc_pol07	Linc_pol07A	City of Toledo	Toledo Police Department	250 W Hwy 20	Toledo	Very High	1967		1980	1	Medium-yes	Medium-yes	RVS2006	D	**W1**	**3.8**					W1	3.8	Low (<1%)
Wash_pol18	Wash_pol18A	City of Tualatin	Tualatin Police Department	8650 SW Tualatin Rd	Tualatin	High	2000						NEW	D									Low (<1%)
Mari_fir13	Mari_fir13A	City of Turner	Turner Fire Dept	7605 3rd St	Turner	High	1978	1978	1970	1	Medium-yes	Medium-yes	RVS2006	C	PC1	1.7	**RM1**	**0.9**	W1	1.4	RM1	0.9	High (>10%)
Umat_pol02	Umat_pol02A	City of Umatilla	Umatilla Police Dept	300 6th St	Umatilla	Moderate			1970	1			RVS2006	C	**W2**	**4.0**					W2	4.0	Low (<1%)
Unio_pol01	Unio_pol01A	City of Union City	Union City Police Dept	342 S Main St	Union	Moderate	1891	1891 ?re	1900	2	Medium-yes		RVS2006	D	**URM**	**0.7**					URM	0.7	High (>10%)
Unio_fir07	Unio_fir07A	City of Union City	Union Emergency Services - Fir	570 E Beakman	Union	Moderate	1992		1990	1		Medium-yes	RVS2006	D	**S3**	**2.3**					S3	2.3	Low (<1%)
Bake_fir01	Bake_fir01A	City of Unity	Unity Fire Department	311 Main	Unity	Moderate			1970	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**(0.1)**					RM1	(0.1)	Very High (100%)
Malh_fir07	Malh_fir07A	City of Vale	Vale Fire Department	950 Hope St	Vale	Moderate	1995	1995	1990	1	Medium-yes	Medium-yes	NEW	D	**S3**	**2.3**					S3	2.3	Low (<1%)
Clac_pol06	Clac_pol06A	City of West Linn	West Linn Police Dept	22825 Willamette Dr	West Linn	High	1920			2			FEMA154	B	**URM**	**1.6**					URM	1.6	Moderate (>1%)
Lane_fir06	Lane_fir06A	City of Westfir	Westfir City Hall w/Attached Fire	47441 Westoak Road	Westfir	Moderate			1950	1		Low-minor	RVS2006	C	**W1**	**5.0**					W1	5.0	Low (<1%)
Umat_pol08	Umat_pol08A	City of Weston	Weston Police Dept	112 E Main St	Weston	Moderate	1890	Pre	1900	1	Medium-yes	Medium-yes	RVS2006	B	**URM**	**1.0**					URM	1.0	High (>10%)
Whee_fir01	Whee_fir01A	City of Wheeler	Wheeler FD	20550 Winlock Lane	Spray	Moderate			1970	1		Medium-yes	RVS2006	C	S3	2.7	**RM1**	**2.3**			RM1	2.3	Low (<1%)
Whee_fir01	Whee_fir01B	City of Wheeler	Wheeler FD	20550 Winlock Lane	Spray	Moderate			1980	1		Medium-yes	RVS2006	C	S3	2.7	**RM1**	**2.3**			RM1	2.3	Low (<1%)
Polk_fir05	Polk_fir05A	City of Willamina	Willamina Fire District	8700 Grande Ronde Rd	Grand Ronde	High			1980	1		Medium-yes	RVS2006	C	**W1**	**6.3**					W1	6.3	Low (<1%)
Yamh_pol04	Yamh_pol04A	City of Willamina	Willamina Police Dept	411 Ne C St	Willamina	High			1950	2		Low-minor	RVS2006	B	**W1**	**4.4**					W1	4.4	Low (<1%)
Doug_pol09	Doug_pol09A	City of Winston	Winston Police Department	201 NW Douglas St	Winston	High			1960	1		Medium-yes	Secondary S	D	W2	2.5	**RM1**	**1.7**			RM1	1.7	Moderate (>1%)
Mari_pol16	Mari_pol16A	City of Woodburn	Woodburn Police Dept	270 Montgomery St	Woodburn	High	1976		1980	1	Medium-yes	Medium-yes	RVS2006	D	**RM1**	**0.7**	W2	2.9			RM1	0.7	High (>10%)
Yamh_pol05	Yamh_pol05A	City of Yamhill	Yamhill Police Dept	205 N Maple St	Yamhill	High			1940	1	Low-minor		RVS2006	C	**RM1**	**1.4**					RM1	1.4	Moderate (>1%)
Desc_pol06	Desc_pol06A	Sunriver Police Department	Sunriver Police Department	57455 Abbot Dr	Sunriver	Moderate	2000						NEW	C									Low (<1%)

OREGON STATE POLICE FACILITIES

Project Facility Tracking Data:

Site Unique ID	Building Unique ID	District_Name	State Police Facility Name	Address	City	USGS Seismic Zone	Year Built	Field Plaque	Est Decade	Stories #	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	Soil	FEMA 154-Based Rapid Visual Screening Scores: Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Building Collapse Potential

OREGON RURAL FIRE PROTECTION DISTRICTS FACILITIES

Project Facility Tracking Data:

Site Unique ID	Building Unique ID	District_Name	RFPD Facility Name	Address	City	USGS Seismic Zone	Year Built	Field Plaque	Est Decade	Stories #	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	Soil	FEMA 154-Based Rapid Visual Screening Scores: Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Building Collapse Potential
Mari_pol19	Mari_pol19A	Oregon State Police	Oregon State Capitol Building	900 Court St NE	Salem	High	1938	1938	1940	**4**	High	Medium-yes	RVS2006	C	**C2**	**0.3**						**0.3**	High (>10%)
Mari_pol25	Mari_pol25A	Oregon State Police	Oregon State Police	255 Capitol St NE # 400	Salem	High	1949	1949	1950	1	High	Medium-yes	RVS2006	C	**C1**	**0.1**	C2	0.9			**C1**	**0.1**	High (>10%)
Gran_pol01	Gran_pol01A	Oregon State Police	OSP	420 W Main St.	John Day	Moderate			1960	3	Medium-yes		RVS2006	D	**C2**	**0.4**					**C2**	**0.4**	High (>10%)
Yamh_pol08	Yamh_pol08A	Oregon State Police	OSP	130 Ne Baker St	McMinnville	High			1940	1			RVS2006	D	**C2**	**1.2**	RM1	1.2			**C2**	**1.2**	Moderate (>1%)
Coos_pol04	Coos_pol04A	Oregon State Police	OSP	155 N Schoneman Ave	Coos Bay	Very High			1970	1	Medium-yes	Medium-yes	RVS2006	C	S3	2.3	**W1**	**1.4**			**W1**	**1.4**	Moderate (>1%)
Gill_pol04	Gill_pol04A	Oregon State Police	OSP	Hwy 19 & Columbia St	Arlington	Moderate	1977	1977	1970	1			RVS2006	C	**RM1**	**2.8**					**RM1**	**2.8**	Low (<1%)
Linn_pol01	Linn_pol01A	Oregon State Police	OSP	3400 Spicer Dr SE	Albany	High			1970	1		Low-minor	RVS2006	D	**W2**	**3.0**					**W2**	**3.0**	Low (<1%)
Umat_pol05	Umat_pol05A	Oregon State Police	OSP	700 Se Emigrant Ave	Pendleton	Moderate	1963	1963	1960	1		Medium-yes	RVS2006	B	**RM1**	**3.1**					**RM1**	**3.1**	Low (<1%)
Wasc_pol01	Wasc_pol01A	Oregon State Police	OSP	3313 Bret Clodfelter Way	The Dalles	Moderate			1950	1		Medium-yes	RVS2006	B	**C2**	**3.1**	W1	4.7			**C2**	**3.1**	Low (<1%)
Jack_pol03	Jack_pol03A	Oregon State Police	OSP	4500 Rogue Valley Hwy	Central Point	Moderate			1990	1		Low-minor	RVS2006	C	**S3**	**3.2**					**S3**	**3.2**	Low (<1%)
Clat_pol05	Clat_pol05B	Oregon State Police	OSP	13 Portway	Astoria	Very High			1950	1			RVS2006	C	**W2**	**3.4**					**W2**	**3.4**	Low (<1%)
Clat_pol05	Clat_pol05A	Oregon State Police	OSP	13 Portway	Astoria	Very High			1950	1			RVS2006	C	**W1**	**4.4**					**W1**	**4.4**	Low (<1%)
Croo_pol01	Croo_pol01A	Oregon State Police	OSP	934 Nw Madras Hwy	Prineville	Moderate	1970		1970	1			RVS2006	D	**W1**	**4.6**					**W1**	**4.6**	Low (<1%)
Lane_pol08	Lane_pol08A	Oregon State Police	OSP	76389 Fish Hatchery Rd	Oakridge	Moderate			1990	2			RVS2006	D	**W1**	**6.2**					**W1**	**6.2**	Low (<1%)
Wall_pol03	Wall_pol03A	Oregon State Police	OSP	65495 Alder Slope Rd	Enterprise	Moderate			2000	2			**NEW**	D	**W1**	**6.2**					**W1**	**6.2**	Low (<1%)
Curr_pol03	Curr_pol03A	Oregon State Police	OSP	28200 Hunter Creek Rd.	Gold Beach	Very High	1990	1990	1990	1		Medium-yes	RVS2006	C	**W1**	**6.3**					**W1**	**6.3**	Low (<1%)
Mari_pol17	Mari_pol17A	Oregon State Police	OSP	3225 State St	Salem	High	2003						NEW	C									Low (<1%)
Umat_pol06	Umat_pol06A	Oregon State Police	OSP	860 W Elm	Hermiston	Moderate	1920						MISSED	C									High (>10%)
Bake_pol01	Bake_pol01A	Oregon State Police	OSP - Baker City	1050 S Bridge St	Baker City	Moderate	1930		1950	1		Medium-yes	Secondary S	D	W2	3.1	**RM1**	**1.9**			**RM1**	**1.9**	Moderate (>1%)
Lane_pol09	Lane_pol09A	Oregon State Police	OSP - Crime Lab	3620 Gateway St	Springfield	High			1970	1		Medium-yes	RVS2006	B	**RM1**	**2.3**	W2	3.3			**RM1**	**2.3**	Low (<1%)
Lane_pol07	Lane_pol07A	Oregon State Police	OSP - Florence Patrol	4480 Hwy 101 Bldg E	Florence	Very High			1980	1			RVS2006	C	**W1**	**6.8**					**W1**	**6.8**	Low (<1%)
Clac_pol01	Clac_pol01A	Oregon State Police	OSP - Government Camp	90300 Highway 26	Government Ca	Moderate			1960	3		Medium-yes	RVS2006	D	**W2**	**3.1**					**W2**	**3.1**	Low (<1%)
Unio_pol02	Unio_pol02A	Oregon State Police	OSP - La Grande Patrol	3014 Island Ave	La Grande	Moderate	1973		1973	1		Medium-yes	RVS2006	C	**W2**	**3.5**					**W2**	**3.5**	Low (<1%)
Bent_pol03	Bent_pol03A	Oregon State Police	OSP - OSU Campus	200 Cascade Hall	Corvallis	High			1990	2	Medium-yes	Medium-yes	RVS2006	D	**S2**	**0.4**					**S2**	**0.4**	High (>10%)
Doug_pol05	Doug_pol05A	Oregon State Police	OSP - Roseburg Patrol	761 NE Garden Valley Blvd	Roseburg	High			1970	1			RVS2006	B	**W1**	**4.4**					**W1**	**4.4**	Low (<1%)
Mari_eoc01	Mari_eoc01A	Oregon State Police	Salem 911	595 Cottage St NE	Salem	High			1970	1		Medium-yes	RVS2006		**C1**	**2.0**	C2	2.3			**C1**	**2.0**	Moderate (>1%)

PORT OF PORTLAND FIRE FACILITIES

Project Facility Tracking Data:

Site Unique ID	Building Unique ID	District_Name	Facility Name	Address	City	USGS Seismic Zone	Year Built	Field Plaque	Est Decade	toric	Vert_Irreg	Plan_Irreg	DOGAMI Tracking Code	Soil	FEMA 154-Based Rapid Visual Screening Scores: Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Building Collapse Potential
Mult_fir37	Mult_fir37A	Port Of Portland	Port Of Portland	5250 Ne Marine Dr	Portland	High	1997						NEW	D									Low (<1%)

ACUTE CARE HOSPITALS

Project Facility Tracking Data:		Acute Care Hospitals	Acute Care Hospitals		USGS	Year	Field	Estim	Stories			DOGAMI		FEMA 154-Based Rapid Visual Screening Scores								Building
Site Unique ID	Building Unique ID	Owner/District_Name	Facility Name	City	Seismic Zone	Built	Plaque	Decade	#	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Mult_hos06	Mult_hos06A	Adventist Health System NFP	Adventist Medical Center	Portland	High	1977	1977	1970	5	High	Medium-yes		C	C1	0.5	C2	1.3	RM1	1.3	C1	0.5	High (>10%)
Mult_hos06	Mult_hos06B	Adventist Health System NFP	Adventist Medical Center	Portland	High	1977	1979	1970	2	Low-minor	Medium-yes	NEW	C	C2	1.9	RM1	1.9			C2	1.9	Low (<1%)
Till_hos01	Till_hos01A	Adventist Health System NFP	Tillamook County General Hospital	Tillamook	Very High	1950						RETROFITTI	D									Moderate (>1%)
Jack_hos03	Jack_hos03A	Asante Health System NFP	Rogue Valley Medical Center - Medford	Medford	Moderate	2006	1958	1950	5	Medium-yes	Medium-yes	NEW	C	C1	0.1	C2	0.7	RM1	0.7	C1	0.1	Low (<1%)
Jack_hos03	Jack_hos03B	Asante Health System NFP	Rogue Valley Medical Center - Medford	Medford	Moderate	2006		1960	4	Medium-yes	Medium-yes	NEW	C	C1	0.1	C2	0.7	RM1	0.7	C1	0.1	Low (<1%)
Jack_hos03	Jack_hos03C	Asante Health System NFP	Rogue Valley Medical Center - Medford	Medford	Moderate	2006		1960	3	Medium-yes	Medium-yes	NEW	C	C1	(0.1)	C2	0.3	RM1	0.3	C1	(0.1)	Low (<1%)
Jose_hos01	Jose_hos01A	Asante Health System NFP	Three Rivers Community Hospital - Grants P	Grants Pass	High	2001						NEW	C									Low (<1%)
Desc_hos01	Desc_hos01A	Cascade Healthcare Communit	St. Charles Medical Center - Bend	Bend	Moderate	2006		1970	5	Medium-yes	Medium-yes	NEW	B	C1	0.7	C2	1.5			C1	0.7	Low (<1%)
Desc_hos01	Desc_hos01B	Cascade Healthcare Communit	St. Charles Medical Center - Bend	Bend	Moderate	2006	1993	1990	5	Medium-yes	Medium-yes	NEW	B	C1	0.7	C2	3.1			C1	0.7	Low (<1%)
Desc_hos02	Desc_hos02A	Cascade Healthcare Communit	St. Charles Medical Center - Redmond	Redmond	Moderate	2006		1970	1	Medium-yes	Medium-yes	NEW	C	S2	0.3	W2	0.5			S2	0.3	Low (<1%)
Desc_hos02	Desc_hos02B	Cascade Healthcare Communit	St. Charles Medical Center - Redmond	Redmond	Moderate	2006		1980	1	Medium-yes	Medium-yes	NEW	C	W2	1.7	S2	0.3			S2	0.3	Low (<1%)
Malh_hos01	Malh_hos01A	Catholic Health Initiatives NFP	Holy Rosary Medical Center - Ontario	Ontario	Moderate	2002	2003	2000	2	Medium-yes	Medium-yes	NEW	D	S1	1.5					S1	1.5	Low (<1%)
Doug_hos03	Doug_hos03A	Catholic Health Initiatives NFP	Mercy Medical Center - Roseburg	Roseburg	High	2006		1970	3	Medium-yes	Medium-yes	NEW	B	C2	1.3	C1	0.5			C1	0.5	Low (<1%)
Umat_hos02	Umat_hos02A	Catholic Health Initiatives NFP	St. Anthony Hospital - Pendleton	Pendleton	Moderate	2006		1940	4	Medium-yes	Medium-yes	NEW	B	RM1	1.1	C2	1.1	URM	0.6	URM	0.6	Low (<1%)
Umat_hos02	Umat_hos02B	Catholic Health Initiatives NFP	St. Anthony Hospital - Pendleton	Pendleton	Moderate	2006		1960	4	Medium-yes	Medium-yes	NEW	B	C1	0.7	C2	1.5			C1	0.7	Low (<1%)
Umat_hos02	Umat_hos02C	Catholic Health Initiatives NFP	St. Anthony Hospital - Pendleton	Pendleton	Moderate	2006		1980	4	Medium-yes	Medium-yes	NEW	B	C1	0.7	C2	3.1	S2	1.5	C1	0.7	Low (<1%)
Bake_hos01	Bake_hos01A	Catholic Health Initiatives NFP	St. Elizabeth Hospital - Baker City	Baker City	Moderate	1987		1970	1	Medium-yes	Medium-yes	RVS2006	D	PC1	1.7					PC1	1.7	Moderate (>1%)
Bake_hos01	Bake_hos01B	Catholic Health Initiatives NFP	St. Elizabeth Hospital - Baker City	Baker City	Moderate	1987	1987	1980	1		Medium-yes	RVS2006	D	W2	4.7	RM1	1.9			RM1	1.9	Moderate (>1%)
Clac_hos03	Clac_hos03A	Kaiser Foundation NFP	Kaiser Sunnyside Medical Center	Clackamas	High	2007			3			NEW	C	C2	2.4					C2	2.4	Low (<1%)
Mult_hos02	Mult_hos02A	Legacy Health System	Legacy Emanuel Hospital	Portland	High	1936	1936	1930	5	High	Medium-yes	RVS2006	C	C2	0.3	C1	(0.7)	S1	0.1	C1	(0.7)	Very High (100%)
Mult_hos02	Mult_hos02B	Legacy Health System	Legacy Emanuel Hospital	Portland	High	1936	1976	1970	5	High	Medium-yes	RVS2006	C	C2	1.3					C2	1.3	Moderate (>1%)
Mult_hos02	Mult_hos02C	Legacy Health System	Legacy Emanuel Hospital	Portland	High	1936	1987	1980	4	High	Medium-yes	RVS2006	C	C2	3.7	C1	0.5	S1	1.1	C1	0.5	High (>10%)
Mult_hos02	Mult_hos02D	Legacy Health System	Legacy Emanuel Hospital	Portland	High	1936	1967	1960	2	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Mult_hos08	Mult_hos08A	Legacy Health System	Legacy Good Samaritan Hospital	Portland	High	1902		1940	5	High	Medium-yes	RVS2006	C	C2	0.3	C1	0.5			C2	0.3	High (>10%)
Mult_hos08	Mult_hos08B	Legacy Health System	Legacy Good Samaritan Hospital	Portland	High	1902		1920	5	High	Medium-yes	RVS2006	C	URM	(0.3)	C2	0.3			URM	(0.3)	Very High (100%)
Mult_hos08	Mult_hos08C	Legacy Health System	Legacy Good Samaritan Hospital	Portland	High	1902		1980	6	High	Medium-yes	RVS2006	C	C2	3.7	S1	1.1			S1	1.1	Moderate (>1%)
Mult_hos08	Mult_hos08D	Legacy Health System	Legacy Good Samaritan Hospital	Portland	High	1902		1990	3	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Clac_hos01	Clac_hos01A	Legacy Health System	Legacy Meridian Park Hospital	Tualatin	High	1973						MISSED	D									High (>10%)
Mult_hos07	Mult_hos07A	Legacy Health System	Legacy Mt. Hood Medical Center	Gresham	High	1983	1983	1980	5	High	Medium-yes	NEW	B	S2	1.4	C2	4.1			S2	1.4	Low (<1%)
Clat_hos01	Clat_hos01A	Lutheran Affiliated NFP	Columbia Memorial Hospital - Astoria	Astoria	Very High	1977	1977	1970	2	Medium-yes	Medium-yes	RVS2006	B	W2	1.3	URM	0.3			URM	0.3	High (>10%)
Jack_hos01	Jack_hos01A	NFP - Ashland	Ashland Community Hospital	Ashland	Moderate			1980	1	Medium-yes	Medium-yes	RVS2006	B	W2	2.9					W2	2.9	Low (<1%)
Jack_hos01	Jack_hos01B	NFP - Ashland	Ashland Community Hospital	Ashland	Moderate			1980	1	Medium-yes	Medium-yes	RVS2006	B	W1	2.8					W1	2.8	Low (<1%)
Jack_hos01	Jack_hos01C	NFP - Ashland	Ashland Community Hospital	Ashland	Moderate			1980	1	Low-minor		RVS2006	B	W1	6.8					W1	6.8	Low (<1%)
Umat_hos01	Umat_hos01A	NFP - Lutheran Affiliation	Good Shepherd Community Hospital - Hermi	Hermiston	Moderate	1985		1970	2	Medium-yes	Medium-yes	RVS2006	C	C2	0.3	RM1	0.3	C1	(0.1)	C1	(0.1)	Very High (100%)
Umat_hos01	Umat_hos01B	NFP - Lutheran Affiliation	Good Shepherd Community Hospital - Hermi	Hermiston	Moderate	1985		1980	1	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3	W2	2.1			RM1	0.3	High (>10%)
Umat_hos01	Umat_hos01C	NFP - Lutheran Affiliation	Good Shepherd Community Hospital - Hermi	Hermiston	Moderate	1985		1990	2	Medium-yes	Medium-yes	RVS2006	C	C2	0.3	RM1	0.3	S2	0.3	C2	0.3	High (>10%)
Klam_hos01	Klam_hos01A	NFP - Merle West	Merle West Medical Center - Klamath Falls	Klamath Falls	High			1960	4	Medium-yes	Medium-yes	NEW	B	C1	0.9	C1	0.9	RM1	1.7	C1	0.9	Low (<1%)
Klam_hos01	Klam_hos01B	NFP - Merle West	Merle West Medical Center - Klamath Falls	Klamath Falls	High			1970	2	Medium-yes	Medium-yes	NEW	B	C2	1.3	RM1	1.3			C2	1.3	Low (<1%)
Klam_hos01	Klam_hos01C	NFP - Merle West	Merle West Medical Center - Klamath Falls	Klamath Falls	High			1980	1	Medium-yes	Medium-yes	NEW	B	RM1	1.3	S2	1.0	C2	1.3	S2	1.0	Low (<1%)
Klam_hos01	Klam_hos01D	NFP - Merle West	Merle West Medical Center - Klamath Falls	Klamath Falls	High			1990	1	Medium-yes	Medium-yes	NEW	B	S2	1.0	RM1	1.3	C2	1.3	S2	1.0	Low (<1%)
Wasc_hos01	Wasc_hos01A	NFP - Mid-Columbia	Mid-Columbia Medical Center - The Dalles	The Dalles	Moderate	1958	1958	1950	4	High	Medium-yes	RVS2006	C	C2	0.7	RM1	0.7			C2	0.7	High (>10%)
Wasc_hos01	Wasc_hos01B	NFP - Mid-Columbia	Mid-Columbia Medical Center - The Dalles	The Dalles	Moderate	1958	1972	1970	4		Medium-yes	RVS2006	C	C2	2.7	RM1	2.7			C2	2.7	Low (<1%)
Jeff_hos01	Jeff_hos01A	NFP - Mountain View	Mountain View Hospital - Madras	Madras	Moderate	1967		1970	1	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3	C2	0.3	S3	2.7	RM1	0.3	High (>10%)
Jeff_hos01	Jeff_hos01B	NFP - Mountain View	Mountain View Hospital - Madras	Madras	Moderate	1967		1980	1	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3	C2	0.3	S2	0.3	RM1	0.3	High (>10%)
Jeff_hos01	Jeff_hos01C	NFP - Mountain View	Mountain View Hospital - Madras	Madras	Moderate	1967	1989	1980	1	Medium-yes	Medium-yes	RVS2006	C	RM1	0.3	C2	0.3	S2	0.3	RM1	0.3	High (>10%)
Croo_hos01	Croo_hos01A	NFP - Pioneer	Pioneer Memorial Hospital - Prineville	Prineville	Moderate	1985		1940	1	Medium-yes	Medium-yes	RVS2006	D	C2	(0.5)	RM1	(0.5)	W2	(0.1)	C2	(0.5)	Very High (100%)
Croo_hos01	Croo_hos01B	NFP - Pioneer	Pioneer Memorial Hospital - Prineville	Prineville	Moderate	1985		1970	1	Medium-yes	Medium-yes	RVS2006	D	C2	(0.1)	RM1	(0.1)			C2	(0.1)	Very High (100%)
Croo_hos01	Croo_hos01C	NFP - Pioneer	Pioneer Memorial Hospital - Prineville	Prineville	Moderate	1985		1980	1	Medium-yes	Low-minor	RVS2006	D	C2	0.4	RM1	0.4	C1	-	C1	-	Very High (100%)
Mari_hos02	Mari_hos02A	NFP - Santiam	Santiam Memorial Hospital - Stayton	Stayton	Moderate	1953	1953	1950	1	Medium-yes	Medium-yes	RVS2006	C	W2	0.5					W2	0.5	High (>10%)
Mari_hos02	Mari_hos02B	NFP - Santiam	Santiam Memorial Hospital - Stayton	Stayton	Moderate	1953	1993	1990	2	Medium-yes	Medium-yes	RVS2006	C	C2	1.9					C2	1.9	Moderate (>1%)
Mari_hos01	Mari_hos01A	NFP - Silverton	Silverton Hospital	Silverton	High	1995		2000	1	Medium-yes	Medium-yes	NEW	B	S2	2.4					S2	2.4	Low (<1%)
Mari_hos01	Mari_hos01B	NFP - Silverton	Silverton Hospital	Silverton	High	1995		1930	2	Medium-yes	Medium-yes	NEW	B	C2	0.3					C2	0.3	Low (<1%)
Coos_hos02	Coos_hos02A	NFP - Southern Coos	Southern Coos Hospital - Bandon	Bandon	Very High	1999						NEW	D									Low (<1%)
Wall_hos01	Wall_hos01A	NFP - Wallowa	Wallowa Memorial Hospital - Enterprise	Enterprise	Moderate	2007						NEW	D									Low (<1%)
Clac_hos04	Clac_hos04A	NFP - Willamette Falls	Willamette Falls Hospital - Oregon City	Oregon City	High	1961						MISSED	C									High (>10%)
Gran_hos01	Gran_hos01A	NFP (BM Hospital District)	Blue Mountain Hospital - John Day	John Day	Moderate	2003		1960	1	Medium-yes	Medium-yes	NEW	C	RM1	0.3	C2	0.3			RM1	0.3	Low (<1%)
Coos_hos01	Coos_hos01A	NFP (CV Hospital District)	Coquille Valley Hospital	Coquille	Very High			1970	1	Low-minor	Medium-yes	RVS2006	B	W2	3.3					W2	3.3	Low (<1%)
Lake_hos01	Lake_hos01A	NFP (LC Health District)	Lake District Hospital - Lakeview	Lakeview	Moderate	1971	1970	1970	1		Medium-yes	RVS2006	D	W2	3.1					W2	3.1	Low (<1%)
Doug_hos02	Doug_hos02A	NFP (LU Hospital District)	Lower Umpqua Hospital - Reedsport	Reedsport	Very High			1960	2	Medium-yes	Medium-yes	RVS2006	D	W2	0.5					W2	0.5	High (>10%)
Doug_hos02	Doug_hos02B	NFP (LU Hospital District)	Lower Umpqua Hospital - Reedsport	Reedsport	Very High			1960	2	Medium-yes	Medium-yes	RVS2006	C	C2	0.9					C2	0.9	High (>10%)
Doug_hos02	Doug_hos02C	NFP (LU Hospital District)	Lower Umpqua Hospital - Reedsport	Reedsport	Very High			1970	1		Medium-yes	RVS2006	D	W1	3.9					W1	3.9	Low (<1%)
Morr_hos01	Morr_hos01A	NFP (MC Health District)	Pioneer Memorial Hospital - Heppner	Heppner	Moderate	1950		1940	1	Medium-yes	Medium-yes	RVS2006	B	RM1	0.7	C2	0.7			RM1	0.7	High (>10%)
Morr_hos01	Morr_hos01B	NFP (MC Health District)	Pioneer Memorial Hospital - Heppner	Heppner	Moderate	1950		1960	1		Medium-yes	RVS2006	B	RM1	3.1					RM1	3.1	Low (<1%)
Mult_hos04	Mult_hos04A	OHSU	OHSU Hospital	Portland	High	2006	1956	1950	14	High	Medium-yes	NEW	C	C2	1.7	C1	0.7	S2	1.4	C1	0.7	Low (<1%)
Mult_hos04	Mult_hos04B	OHSU	OHSU Hospital	Portland	High	2006	1998	1990	10	Medium-yes	Low-minor	NEW	C	C1	2.6	S2	3.3			C1	2.6	Low (<1%)
Mari_hos04	Mari_hos04A	Pacific Health Horizons NFP	Salem Hospital	Salem	High	2008	1976	1980	6	High	Medium-yes	NEW	C	C2	1.3	PC1	1.7			C2	1.3	Low (<1%)
Mari_hos04	Mari_hos04B	Pacific Health Horizons NFP	Salem Hospital	Salem	High	2008	1953	1960	3	Medium-yes	Medium-yes	NEW	C	C2	0.9	C1	0.1			C1	0.1	Low (<1%)
Polk_hos01	Polk_hos01A	Pacific Health Horizons NFP	West Valley Community Hospital - Dallas	Dallas	High	1972		1970	1	Medium-yes	Medium-yes	NEW	C	W2	0.9					W2	0.9	Low (<1%)
Lane_hos01	Lane_hos01A	PeaceHealth System NFP	Cottage Grove Community Hospital	Cottage Grove	High	2003						NEW	C									Low (<1%)
Lane_hos02	Lane_hos02A	PeaceHealth System NFP	Peace Harbor Hospital - Florence	Florence	Very High	1989		1980	1	Medium-yes	Medium-yes	RVS2006	C	RM1	0.9					RM1	0.9	High (>10%)
Lane_hos03	Lane_hos03A	PeaceHealth System NFP	Sacred Heart Medical Center - Eugene	Eugene	High	2008		1940	6	High	Medium-yes	NEW	B	C2	0.7					C2	0.7	Low (<1%)
Lane_hos03	Lane_hos03B	PeaceHealth System NFP	Sacred Heart Medical Center - Eugene	Eugene	High	2008		1950	6		Medium-yes	NEW	B	C2	2.7					C2	2.7	Low (<1%)
Lane_hos03	Lane_hos03C	PeaceHealth System NFP	Sacred Heart Medical Center - Eugene	Eugene	High	2008		1960	5	High	Medium-yes	NEW	B	C1	0.9	C2	1.7			C1	0.9	Low (<1%)
Lane_hos03	Lane_hos03D	PeaceHealth System NFP	Sacred Heart Medical Center - Eugene	Eugene	High	2008		1970	6	High	Medium-yes	NEW	B	S4	1.7	C1	0.9			C1	0.9	Low (<1%)

ACUTE CARE HOSPITALS

Project Facility Tracking Data:		Acute Care Hospitals	Acute Care Hospitals		USGS	Year	Field	Estim	Stories			DOGAMI		FEMA 154-Based Rapid Visual Screening Scores									Building
Site Unique ID	Building Unique ID	Owner/District_Name	Facility Name	City	Seismic Zone	Built	Plaque	Decade	#	Vert_Irreg	Plan_Irreg	Tracking Code	Soil	Primary	1 RVS	Second	2 RVS	Tertiary	3 RVS	Final	F RVS	Collapse Potential
Lane_hos03	Lane_hos03E	PeaceHealth System NFP	Sacred Heart Medical Center - Eugene	Eugene	High	2008		1980	6	Medium-yes	Medium-yes	NEW	B	C1	0.9	C2	4.1	S4	3.3	C1	0.9	Low (<1%)
Unio_hos01	Unio_hos01A	Private, NFP	Grande Ronde Hospital - LaGrande	La Grande	Moderate	1966		1967	1	Medium-yes	Medium-yes	RVS2006	D	C1	(0.5)					C1	(0.5)	Very High (100%)
Unio_hos01	Unio_hos01B	Private, NFP	Grande Ronde Hospital - LaGrande	La Grande	Moderate	1966	1981	1980	3	Medium-yes	Medium-yes	RVS2006	D	C1	(0.5)					C1	(0.5)	Very High (100%)
Unio_hos01	Unio_hos01C	Private, NFP	Grande Ronde Hospital - LaGrande	La Grande	Moderate	1966	1986	1980	3	Medium-yes	Medium-yes	RVS2006	D	C1	(0.5)					C1	(0.5)	Very High (100%)
Unio_hos01	Unio_hos01D	Private, NFP	Grande Ronde Hospital - LaGrande	La Grande	Moderate	1966	1991	1990	3	Medium-yes	Medium-yes	RVS2006	D	W2	1.7					W2	1.7	Moderate (>1%)
Hood_hos01	Hood_hos01A	Providence Health System - Ore	Providence Hood River Memorial Hospital	Hood River	Moderate	1988	1988	1980	2	Medium-yes	Medium-yes	RVS2006	D	S2	(0.1)	S4	(0.1)			S2	(0.1)	Very High (100%)
Jack_hos02	Jack_hos02A	Providence Health System - Ore	Providence Medford Medical Center	Medford	Moderate	2005		1970	4	Low-minor	Medium-yes	NEW	C	C1	2.1	C3	2.3			C1	2.1	Low (<1%)
Jack_hos02	Jack_hos02B	Providence Health System - Ore	Providence Medford Medical Center	Medford	Moderate	2005		1990	1	Low-minor	Medium-yes	NEW	C	PC1	3.9	RM1	2.3			RM1	2.3	Low (<1%)
Jack_hos02	Jack_hos02C	Providence Health System - Ore	Providence Medford Medical Center	Medford	Moderate	2005		1980	4	High	Medium-yes	NEW	C	S4	0.7	S3	2.7			S4	0.7	Low (<1%)
Clac_hos02	Clac_hos02A	Providence Health System - Ore	Providence Milwaukie Hospital	Milwaukie	High	1968						NEW	C									Low (<1%)
Yamh_hos02	Yamh_hos02A	Providence Health System - Ore	Providence Newberg Hospital	Newberg	High	2006						NEW	D									Low (<1%)
Mult_hos01	Mult_hos01A	Providence Health System - Ore	Providence Portland Medical Center	Portland	High	1941	1941	1940	5	Medium-yes	Medium-yes	NEW	C	C2	0.3	C1	(0.7)			C1	(0.7)	Low (<1%)
Mult_hos01	Mult_hos01B	Providence Health System - Ore	Providence Portland Medical Center	Portland	High	1941		1950	8	High	Medium-yes	NEW	C	C2	1.7	S1	1.5	C1	(0.7)	C1	(0.7)	Low (<1%)
Mult_hos01	Mult_hos01C	Providence Health System - Ore	Providence Portland Medical Center	Portland	High	1941		1980	4	High	Medium-yes	NEW	C	S2	1.0	S1	1.1	C2	1.3	S2	1.0	Low (<1%)
Mult_hos01	Mult_hos01D	Providence Health System - Ore	Providence Portland Medical Center	Portland	High	1941		1990	3	Medium-yes	Low-minor	NEW	C	S2	1.1	S1	1.4	C2	1.4	S2	1.1	Low (<1%)
Clat_hos02	Clat_hos02A	Providence Health System - Ore	Providence Seaside Hospital	Seaside	Very High			1970	1	Medium-yes	Medium-yes	RVS2006	B	S1	1.3					S1	1.3	Moderate (>1%)
Clat_hos02	Clat_hos02B	Providence Health System - Ore	Providence Seaside Hospital	Seaside	Very High			1960	2	Medium-yes	Medium-yes	RVS2006	B	S1	1.3	C2	1.3			S1	1.3	Moderate (>1%)
Wash_hos02	Wash_hos02A	Providence Health System - Ore	Providence St. Vincent Hospital	Portland	High	1971	1970	1970	9	Medium-yes	Medium-yes	NEW	C	C1	0.7					C1	0.7	Low (<1%)
Wash_hos02	Wash_hos02B	Providence Health System - Ore	Providence St. Vincent Hospital	Portland	High	1971	1970	1970	2	Medium-yes	Medium-yes	NEW	C	C2	0.9					C2	0.9	Low (<1%)
Wash_hos02	Wash_hos02D	Providence Health System - Ore	Providence St. Vincent Hospital	Portland	High	1971		1980	4	Medium-yes	Medium-yes	NEW	C	C2	3.7					C2	3.7	Low (<1%)
Harn_hos01	Harn_hos01A	Publically Owned NFP - Burns	Harney District Hospital - Burns	Burns	Moderate	2008		1960	1		Medium-yes	NEW	C	C2	2.3	W2	3.5			C2	2.3	Low (<1%)
Coos_hos03	Coos_hos03A	Publically Owned NFP - Coos B	Bay Area Hospital - Coos Bay	Coos Bay	Very High	2000		1970	3	High	Medium-yes	NEW	D	C2	3.1	C1	1.3			C1	1.3	Low (<1%)
Coos_hos03	Coos_hos03B	Publically Owned NFP - Coos B	Bay Area Hospital - Coos Bay	Coos Bay	Very High	2000		1970	3	Medium-yes	Medium-yes	NEW	D	C1	(0.1)	C2	0.7			C1	(0.1)	Low (<1%)
Curr_hos01	Curr_hos01A	Rural Hospital Operating in Gol	Curry General Hospital - Gold Beach	Gold Beach	Very High	1951		1950	1	Medium-yes	Medium-yes	RVS2006	D	W2	0.5	RM1	0.7			W2	0.5	High (>10%)
Bent_hos01	Bent_hos01A	Samaritan Health Services NFP	Good Samaritan Regional Medical Center - (	Corvallis	High	1994						NEW	B									Low (<1%)
Linn_hos01	Linn_hos01A	Samaritan Health Services NFP	Samaritan Albany General Hospital	Albany	High	1965		1960	4	High	Low-minor	NEW	C	S4	1.8	S1	1.6	C1	1.0	C1	1.0	Low (<1%)
Linn_hos02	Linn_hos02A	Samaritan Health Services NFP	Samaritan Lebanon Community Hospital	Lebanon	Moderate	1951	1951	1950	1	Medium-yes	Medium-yes	NEW	D	RM1	(0.1)	RM2	0.2			RM1	(0.1)	Low (<1%)
Linn_hos02	Linn_hos02B	Samaritan Health Services NFP	Samaritan Lebanon Community Hospital	Lebanon	Moderate	1951	1957	1950	1	Medium-yes	Medium-yes	NEW	D	RM1	(0.1)	RM2	0.2			RM1	(0.1)	Low (<1%)
Linn_hos02	Linn_hos02C	Samaritan Health Services NFP	Samaritan Lebanon Community Hospital	Lebanon	Moderate	1951	1960	1960	1	Medium-yes	Medium-yes	NEW	D	RM1	(0.1)					RM1	(0.1)	Low (<1%)
Linn_hos02	Linn_hos02D	Samaritan Health Services NFP	Samaritan Lebanon Community Hospital	Lebanon	Moderate	1951	1961	1960	1	Medium-yes	Medium-yes	NEW	D	RM1	(0.1)	RM2	0.2			RM1	(0.1)	Low (<1%)
Linn_hos02	Linn_hos02E	Samaritan Health Services NFP	Samaritan Lebanon Community Hospital	Lebanon	Moderate	1951	1986	1980	1	Medium-yes	Medium-yes	NEW	D	RM1	(0.1)	RM2	0.2			RM1	(0.1)	Low (<1%)
Linn_hos02	Linn_hos02F	Samaritan Health Services NFP	Samaritan Lebanon Community Hospital	Lebanon	Moderate	1951	1988	1980	1			NEW	D	RM1	2.4					RM1	2.4	Low (<1%)
Linn_hos02	Linn_hos02G	Samaritan Health Services NFP	Samaritan Lebanon Community Hospital	Lebanon	Moderate	1951	1993	1990	1	Medium-yes	Medium-yes	NEW	D	RM2	2.0					RM2	2.0	Low (<1%)
Linn_hos02	Linn_hos02H	Samaritan Health Services NFP	Samaritan Lebanon Community Hospital	Lebanon	Moderate	1951	1988	1980	1	Medium-yes	Medium-yes	NEW	D	C3	(0.3)					C3	(0.3)	Low (<1%)
Linc_hos02	Linc_hos02A	Samaritan Health Services NFP	Samaritan North Lincoln Hospital - Lincoln C	Lincoln City	Very High	1980		1980	1	Medium-yes	Medium-yes	RVS2006	B	W2	1.3					W2	1.3	Moderate (>1%)
Linc_hos01	Linc_hos01A	Samaritan Health Services NFP	Samaritan Pacific Communities Hospital - Ne	Newport	Very High	1952			2			RVS2006	B	C2	2.8					C2	2.8	Low (<1%)
Lane_hos04	Lane_hos04A	Triad Hospitals Inc For Profit	Mckenzie-Willamette Medical Center	Springfield	High	2010		1970	1		Medium-yes	NEW	C	W2	2.9					W2	2.9	Low (<1%)
Lane_hos04	Lane_hos04B	Triad Hospitals Inc For Profit	Mckenzie-Willamette Medical Center	Springfield	High	2010		1980	4	High	Medium-yes	NEW	C	C2	3.7	S4	2.9			S4	2.9	Low (<1%)
Lane_hos04	Lane_hos04C	Triad Hospitals Inc For Profit	Mckenzie-Willamette Medical Center	Springfield	High	2010		1980	3	Medium-yes	Medium-yes	NEW	C	C1	0.1	C2	3.3			C1	0.1	Low (<1%)
Yamh_hos01	Yamh_hos01A	Triad Hospitals Inc For Profit	Willamette Valley Medical Center - McMinnvi	McMinnville	High	1996						NEW	D									Low (<1%)
Wash_hos03	Wash_hos03A	Tuality Healthcare NFP	Tuality Community Hospital - Forest Grove	Forest Grove	High			1960	1	Low-minor	Medium-yes	NEW	C	RM1	1.9					RM1	1.9	Low (<1%)
Wash_hos01	Wash_hos01A	Tuality Healthcare NFP	Tuality Community Hospital - Hillsboro	Hillsboro	High	1985		1970	6	High	Medium-yes	RVS2006	D	C2	1.1	S2	0.8			S2	0.8	High (>10%)

Statewide Seismic Needs Assessment

EDUCATION DISTRICTS SEISMIC RISK SUMMARY

District Risk:	*Seismic Risk Categories*		
	>300	>50	<50
	High	Medium	Low

RVS Score:	<0.0	0.1-1.0	1.1-2.0	>2.0			*Recommeded Relative Fiscal Need Measures:*		
K12 Public School Buildings	**Individual Building Collapse Potential**					**District Relative**	US Census	ODR & ODE	1997-2006
District Name	**V High**	**High**	**Mod**	**Low**	**Sum**	**Seismic Risk**	% Children in Poverty	2005-06 Property Tax Per Enrolled	Bonds Per 2005-06 Enrolled
Adrian SD 61	1	-	-	-	1	1,000	*23.4%*	*$ 1,023*	*$ 15,970*
Amity SD 4J	2	3	3	-	8	291	*6.4%*	*$ 1,935*	*$ 8,129*
Arlington SD 3	2	2	-	-	4	550	*13.6%*	*$ 3,365*	*$ -*
Ashland SD 5	1	6	-	4	11	146	*14.4%*	*$ 3,894*	*$ 16,352*
Astoria SD 1	-	4	6	2	12	39	*16.1%*	*$ 2,516*	*$ 10,600*
Athena-Weston SD 29RJ	-	4	2	-	6	70	*17.8%*	*$ 1,316*	*$ 3,263*
Baker SD 5J	5	4	5	-	14	389	*16.9%*	*$ 1,586*	*$ -*
Bandon SD 54	1	3	1	2	7	187	*24.0%*	*$ 3,247*	*$ 1,953*
Banks SD 13	1	6	2	4	13	125	*12.0%*	*$ 2,331*	*$ -*
Beaverton SD 48J	1	13	23	10	47	54	*9.8%*	*$ 3,719*	*$ 9,404*
Bend-LaPine SD 1	5	13	23	18	59	111	*14.1%*	*$ 4,031*	*$ 15,274*
Bethel SD 52	-	5	6	7	18	32	*16.4%*	*$ 2,590*	*$ 4,814*
Brookings-Harbor SD 17C	1	1	4	1	7	163	*14.6%*	*$ 2,950*	*$ 7,765*
Burnt River SD 30J	1	-	1	1	3	337	*20.2%*	*$ 2,061*	*$ -*
Camas Valley SD 21J	-	1	2	2	5	24	*16.3%*	*$ 1,093*	*$ -*
Canby SD 86	-	-	-	7	7	1	*11.8%*	*$ 2,868*	*$ 13,495*
Cascade SD 5	1	5	-	1	7	214	*13.6%*	*$ 1,350*	*$ 8,686*
Centennial SD 28J	1	10	9	5	25	84	*13.4%*	*$ 1,960*	*$ 4,844*
Central Curry SD 1	-	2	1	4	7	31	*14.5%*	*$ 3,558*	*$ 6,548*
Central Linn SD 552	1	3	-	1	5	260	*12.9%*	*$ 3,832*	*$ -*
Central Point SD 6	1	11	2	12	26	82	*11.5%*	*$ 1,922*	*$ -*
Central SD 13J	2	6	5	3	16	166	*15.9%*	*$ 2,365*	*$ 9,394*
Clatskanie SD 6J	1	1	-	1	3	367	*10.9%*	*$ 4,205*	*$ 8,890*
Colton SD 53	-	-	-	2	2	1	*10.9%*	*$ 2,178*	*$ -*
Condon SD 25J	1	1	2	1	5	224	*11.5%*	*$ 4,123*	*$ 16,556*
Coos Bay SD 9	2	10	-	3	15	200	*20.0%*	*$ 2,091*	*$ 2,777*
Coquille SD 8	-	3	1	-	4	78	*14.3%*	*$ 1,605*	*$ 3,412*
Corbett SD 39	-	-	-	1	1	1	*3.1%*	*$ 1,954*	*$ -*
Corvallis SD 509J	1	9	1	2	13	147	*12.6%*	*$ 2,775*	*$ 13,768*
Cove SD 15	3	1	-	2	6	517	*14.7%*	*$ 1,511*	*$ 1,870*
Creswell SD 40	2	2	4	3	11	204	*18.9%*	*$ 2,500*	*$ 11,405*
Crook County SD	7	3	6	3	19	388	*14.7%*	*$ 2,017*	*$ -*
Crow-Applegate-Lorane SD 66	-	1	-	1	2	51	*7.8%*	*$ 2,972*	*$ -*
Culver SD 4	1	2	-	2	5	240	*19.7%*	*$ 1,650*	*$ -*
Dallas SD 2	-	6	1	2	9	68	*12.3%*	*$ 1,891*	*$ -*
David Douglas SD 40	1	17	1	9	28	97	*21.9%*	*$ 1,537*	*$ 3,974*
Dayton SD 8	-	5	1	3	9	57	*16.4%*	*$ 1,716*	*$ 6,300*
Dayville SD 16J	-	1	-	2	3	34	*18.0%*	*$ 754*	*$ -*
Douglas County SD 4	2	11	15	9	37	88	*14.0%*	*$ 1,747*	*$ 3,459*
Dufur SD 29	-	-	1	1	2	6	*11.5%*	*$ 3,127*	*$ -*
Eagle Point SD 9	-	8	1	14	23	36	*17.0%*	*$ 1,910*	*$ 7,904*
Echo SD 5	-	4	-	1	5	80	*21.4%*	*$ 1,878*	*$ 12,360*
Elgin SD 23	4	1	-	-	5	820	*26.9%*	*$ 1,226*	*$ -*
Enterprise SD 21	-	5	-	-	5	100	*13.0%*	*$ 1,602*	*$ 6,469*
Estacada SD 108	-	-	-	5	5	1	*9.9%*	*$ 2,361*	*$ 11,498*
Eugene SD 4J	-	7	34	25	66	16	*12.6%*	*$ 3,866*	*$ 6,953*
Fern Ridge SD 28J	-	7	1	3	11	65	*18.3%*	*$ 2,445*	*$ 9,364*
Forest Grove SD 15	-	16	3	2	21	78	*18.5%*	*$ 2,182*	*$ 6,652*
Fossil SD 21J	1	2	-	-	3	400	*14.5%*	*$ 1,482*	*$ -*
Gaston SD 511J	-	5	-	-	5	100	*15.2%*	*$ 1,684*	*$ -*
Gervais SD 1	1	4	3	1	9	159	*17.6%*	*$ 1,780*	*$ -*
Gladstone SD 115	-	2	5	3	10	25	*12.3%*	*$ 1,713*	*$ 17,633*
Glendale SD 77	-	1	-	4	5	21	*15.7%*	*$ 1,705*	*$ 2,080*
Glide SD 12	1	3	1	1	6	219	*14.3%*	*$ 3,128*	*$ 13,864*
Grants Pass SD 7	-	3	5	5	13	27	*17.3%*	*$ 2,206*	*$ -*
Greater Albany SD 8J	-	7	2	10	19	38	*13.7%*	*$ 2,004*	*$ 6,286*
Gresham-Barlow SD 10J	-	15	-	4	19	79	*10.9%*	*$ 2,019*	*$ 3,342*
Harney County SD 3	1	4	1	1	7	202	*15.3%*	*$ 1,144*	*$ 2,749*
Harney County SD 4	-	1	-	-	1	100	*23.2%*	*$ 1,411*	*$ -*
Harney County Union High SD 1	1	1	-	1	3	367	*7.1%*	*$ 3,334*	*$ -*
Harrisburg SD 7J	2	6	4	5	17	156	*12.7%*	*$ 1,846*	*$ 6,307*

RVS Score:	<0.0	0.1-1.0	1.1-2.0	>2.0		District	*Relative Fiscal Need Measures:*		
K12 Public School Buildings	**Individual Building Collapse Potential**					**Relative**	US Census	ODR & ODE	1997-2006
District Name	**V High**	**High**	**Mod**	**Low**	**Sum**	**Seismic Risk**	% Children in Poverty	2005-06 Property Tax Per Enrolled	Bonds Per 2005-06 Enrolled
Helix SD 1	-	3	-	1	4	**75**	*11.3%*	*$ 3,983*	*$ -*
Hermiston SD 8	**5**	5	1	10	21	**263**	*16.1%*	*$ 1,726*	*$ 8,610*
Hillsboro SD 1J	**1**	7	15	11	34	**55**	*10.6%*	*$ 2,908*	*$ 15,435*
Hood River County SD	**9**	2	6	14	31	**299**	*15.0%*	*$ 2,569*	*$ 2,267*
Imbler SD 11	**3**	1	-	-	4	**775**	*9.5%*	*$ 1,324*	*$ -*
Ione SD R2	-	2	-	-	2	**100**	*4.0%*	*$ 2,191*	*$ -*
Jefferson County SD 509J	**9**	6	1	5	21	**458**	*20.8%*	*$ 1,722*	*$ 5,246*
Jefferson SD 14J	**1**	5	2	-	8	**190**	*17.5%*	*$ 1,608*	*$ -*
Jewell SD 8	-	2	-	1	3	**67**	*10.1%*	*$ 1,766*	*$ -*
John Day SD 3	**9**	3	1	3	16	**582**	*14.5%*	*$ 479*	*$ -*
Joseph SD 6	-	1	1	1	3	**37**	*12.2%*	*$ 2,735*	*$ -*
Junction City SD 69	**1**	5	-	1	7	**214**	*13.1%*	*$ 1,691*	*$ -*
Klamath County SD	**4**	15	1	-	20	**276**	*17.8%*	*$ 1,594*	*$ -*
Klamath Falls City Schools	**12**	17	1	-	30	**457**	*19.9%*	*$ 940*	*$ -*
Knappa SD 4	-	2	-	1	3	**67**	*11.9%*	*$ 2,035*	*$ 9,786*
La Grande SD 1	**7**	5	2	1	15	**501**	*10.9%*	*$ 1,756*	*$ 1,667*
Lake County SD 7	**7**	1	-	-	8	**888**	*17.1%*	*$ 1,278*	*$ -*
Lake Oswego SD 7J	-	7	2	4	13	**56**	*2.7%*	*$ 5,060*	*$ 12,409*
Lebanon Community SD 9	**2**	3	2	8	15	**155**	*15.6%*	*$ 1,978*	*$ 11,115*
Lincoln County SD	**2**	10	13	10	35	**90**	*19.6%*	*$ 4,720*	*$ -*
Long Creek SD 17	-	3	-	-	3	**100**	*12.3%*	*$ 963*	*$ -*
Lowell SD 71	-	2	-	-	2	**100**	*9.2%*	*$ 2,294*	*$ -*
Marcola SD 79J	-	1	-	-	1	**100**	*13.2%*	*$ 2,000*	*$ -*
McMinnville SD 40	**3**	3	1	4	11	**301**	*16.2%*	*$ 2,016*	*$ 10,282*
Medford SD 549C	**13**	36	4	61	114	**147**	*14.7%*	*$ 2,157*	*$ 15,073*
Milton-Freewater Unified SD 7	**7**	8	4	-	19	**413**	*15.1%*	*$ 981*	*$ -*
Mitchell SD 55	-	1	-	2	3	**34**	*19.7%*	*$ 1,704*	*$ -*
Molalla River SD 35	-	-	1	4	5	**3**	*12.6%*	*$ 2,200*	*$ 859*
Monroe SD 1J	**1**	1	-	-	2	**550**	*12.0%*	*$ 1,644*	*$ -*
Monument SD 8	**1**	2	-	1	4	**300**	*14.6%*	*$ 623*	*$ -*
Morrow SD 1	**5**	4	8	4	21	**261**	*16.6%*	*$ 1,679*	*$ 9,826*
Mt Angel SD 91	-	5	1	6	12	**43**	*16.4%*	*$ 1,599*	*$ -*
Multnomah ESD	-	1	-	-	1	**100**			*$ -*
Myrtle Point SD 41	**1**	3	-	5	9	**145**	*16.9%*	*$ 1,685*	*$ -*
Neah-Kah-Nie SD 56	**1**	8	1	1	11	**165**	*16.6%*	*$ 8,622*	*$ 22,029*
Nestucca Valley SD 101J	**1**	3	-	2	6	**217**	*14.1%*	*$ 7,207*	*$ 20,350*
Newberg SD 29J	-	4	1	4	9	**46**	*9.2%*	*$ 3,408*	*$ 8,894*
North Bend SD 13	-	10	2	1	13	**79**	*18.1%*	*$ 2,094*	*$ 5,605*
North Clackamas SD 12	**3**	4	28	10	45	**82**	*10.9%*	*$ 2,638*	*$ 19,073*
North Douglas SD 22	**1**	1	-	1	3	**367**	*21.7%*	*$ 1,773*	*$ -*
North Lake SD 14	-	-	-	3	3	**1**	*26.9%*	*$ 3,918*	*$ -*
North Marion SD 15	-	4	1	4	9	**46**	*11.9%*	*$ 1,503*	*$ 6,781*
North Powder SD 8J	**2**	2	-	-	4	**550**	*26.5%*	*$ 1,158*	*$ -*
North Santiam SD 29J	**8**	4	1	6	19	**443**	*11.0%*	*$ 1,993*	*$ -*
North Wasco County SD 21	-	6	3	6	15	**42**	*17.2%*	*$ 2,211*	*$ 5,539*
Nyssa SD 26	**2**	-	1	2	5	**402**	*19.7%*	*$ 887*	*$ -*
Oakland SD 1	-	-	5	2	7	**7**	*22.0%*	*$ 1,773*	*$ 802*
Oakridge SD 76	-	3	-	1	4	**75**	*20.3%*	*$ 1,514*	*$ 4,467*
ODE School for Deaf	**2**	4	2	3	11	**220**			
ODE YCEP District	-	4	3	-	7	**61**			*$ -*
Ontario SD 8C	**6**	3	4	5	18	**353**	*22.9%*	*$ 1,124*	*$ -*
Oregon City SD 62	**2**	10	3	7	22	**138**	*11.1%*	*$ 2,589*	*$ 8,386*
Oregon Trail SD 46	**1**	-	4	8	13	**81**	*15.2%*	*$ 1,986*	*$ 455*
Paisley SD 11	**1**	2	1	1	5	**242**	*15.3%*	*$ 2,987*	*$ -*
Parkrose SD 3	-	5	3	2	10	**53**	*14.6%*	*$ 4,407*	*$ -*
Pendleton SD 16	**2**	8	7	5	22	**131**	*15.1%*	*$ 1,799*	*$ -*
Perrydale SD 21	-	-	-	1	1	**1**	*3.3%*	*$ 1,203*	*$ 3,003*
Philomath SD 17J	-	3	-	1	4	**75**	*7.0%*	*$ 1,289*	*$ 5,695*
Phoenix-Talent SD 4	**2**	7	2	9	20	**136**	*16.1%*	*$ 2,718*	*$ 5,609*
Pilot Rock SD 2	-	2	5	2	9	**28**	*13.7%*	*$ 1,460*	*$ -*
Pine Eagle SD 61	**1**	1	1	1	4	**278**	*21.4%*	*$ 3,227*	*$ -*
Pleasant Hill SD 1	**2**	4	4	9	19	**129**	*13.8%*	*$ 3,119*	*$ 960*
Port Orford-Langlois SD 2CJ	**1**	2	-	1	4	**300**	*20.8%*	*$ 3,425*	*$ -*
Portland SD 1J	**16**	20	54	1	91	**204**	*15.9%*	*$ 3,180*	*$ -*
Powers SD 31	-	1	-	4	5	**21**	*26.5%*	*$ 1,196*	*$ -*
Prairie City SD 4	**4**	1	-	2	7	**586**	*13.0%*	*$ 624*	*$ -*
Prospect SD 59	-	1	-	3	4	**26**	*15.6%*	*$ 1,995*	*$ -*

RVS Score:	<0.0	0.1-1.0	1.1-2.0	>2.0		
K12 Public School Buildings	**Individual Building Collapse Potential**					**District Relative**
District_Name	**V High**	**High**	**Mod**	**Low**	**Sum**	**Seismic Risk**
Rainier SD 13	-	3	1	1	5	**62**
Redmond SD 2J	-	11	10	7	28	**43**
Reedsport SD 105	-	4	1	1	6	**69**
Reynolds SD 7	**4**	12	20	9	45	**120**
Riddle SD 70	**1**	4	-	-	5	**280**
Riverdale SD 51J	**1**	3	-	1	5	**260**
Rogue River SD 35	-	3	3	3	9	**37**
Salem-Keizer SD 24J	**15**	20	9	25	69	**248**
Santiam Canyon SD 129J	-	2	1	1	4	**53**
Scappoose SD 1J	-	4	5	4	13	**35**
Scio SD 95	**2**	-	1	3	6	**336**
Seaside SD 10	-	6	3	6	15	**42**
Sheridan SD 48J	-	1	-	1	2	**51**
Sherman County SD	-	1	4	1	6	**24**
Sherwood SD 88J	**2**	4	4	4	14	**175**
Silver Falls SD 4J	**1**	3	-	1	5	**260**
Sisters SD 6	**2**	-	-	3	5	**401**
Siuslaw SD 97J	-	1	2	2	5	**24**
South Lane SD 45J3	-	3	1	1	5	**62**
South Umpqua SD 19	**4**	6	2	3	15	**308**
South Wasco County SD 1	-	2	2	2	6	**37**
Spray SD 1	**2**	2	-	-	4	**550**
Springfield SD 19	**2**	-	-	19	21	**96**
St Helens SD 502	-	3	4	3	10	**34**
Stanfield SD 61	-	-	-	2	2	**1**
Sutherlin SD 130	-	-	4	8	12	**4**
Sweet Home SD 55	**3**	5	-	8	16	**219**
Three Rivers/Josephine County S	-	12	7	23	42	**31**
Tigard-Tualatin SD 23J	-	18	11	8	37	**52**
Tillamook SD 9	**1**	5	1	5	12	**126**
Umatilla SD 6R	**1**	2	-	1	4	**300**
Union SD 5	**1**	3	1	-	5	**262**
Vale SD 84	**5**	1	1	3	10	**511**
Vernonia SD 47J	**1**	1	-	1	3	**367**
Wallowa SD 12	**2**	2	-	1	5	**440**
Warrenton-Hammond SD 30	-	3	-	1	4	**75**
West Linn-Wilsonville SD 3J	-	7	4	6	17	**44**
Willamina SD 30J	-	1	4	-	5	**28**
Winston-Dillard SD 116	**1**	5	1	7	14	**108**
Woodburn SD 103	**2**	2	1	2	7	**316**
Yamhill-Carlton SD 1	-	3	1	6	10	**32**
Yoncalla SD 32	-	1	1	1	3	**37**
sum:	**273**	745	501	666	2,185	

Relative Fiscal Need Measures:

	US Census	ODR & ODE	1997-2006
	% Children in Poverty	2005-06 Property Tax Per Enrolled	Bonds Per 2005-06 Enrolled
	11.0%	*$ 1,766*	*$ -*
	9.2%	*$ 2,776*	*$ 5,554*
	18.2%	*$ 1,972*	*$ -*
	19.4%	*$ 2,213*	*$ 4,126*
	19.1%	*$ 1,121*	*$ -*
	7.4%	*$ 5,096*	*$ -*
	18.0%	*$ 2,287*	*$ 4,454*
	16.2%	*$ 1,941*	*$ 4,556*
	22.9%	*$ 1,733*	*$ -*
	6.7%	*$ 2,655*	*$ 1,105*
	5.2%	*$ 672*	*$ -*
	15.0%	*$ 7,090*	*$ -*
	12.7%	*$ 1,683*	*$ 8,157*
	17.1%	*$ 2,752*	*$ -*
	4.1%	*$ 3,443*	*$ 34,246*
	12.9%	*$ 1,716*	*$ 13,176*
	7.9%	*$ 6,097*	*$ 14,812*
	24.4%	*$ 4,197*	*$ 10,444*
	20.8%	*$ 2,182*	*$ 8,906*
	22.7%	*$ 1,206*	*$ -*
	21.8%	*$ 3,499*	*$ -*
	16.2%	*$ 1,525*	*$ -*
	20.1%	*$ 1,815*	*$ 3,773*
	13.0%	*$ 2,335*	*$ 5,155*
	20.9%	*$ 2,320*	*$ 9,712*
	20.3%	*$ 1,448*	*$ 2,891*
	19.4%	*$ 1,668*	*$ 7,810*
	20.1%	*$ 2,104*	*$ 4,198*
	6.6%	*$ 4,143*	*$ 6,961*
	14.0%	*$ 2,890*	*$ 5,798*
	22.1%	*$ 1,365*	*$ 8,136*
	18.6%	*$ 1,049*	*$ -*
	20.5%	*$ 873*	*$ -*
	12.9%	*$ 2,626*	*$ -*
	20.1%	*$ 565*	*$ -*
	13.3%	*$ 2,510*	*$ 6,460*
	4.7%	*$ 4,823*	*$ 15,383*
	14.1%	*$ 1,380*	*$ -*
	13.6%	*$ 1,819*	*$ 6,177*
	24.7%	*$ 1,804*	*$ -*
	8.1%	*$ 1,883*	*$ 5,911*
	20.2%	*$ 1,856*	*$ -*
ave:	*14.2%*	*$ 2,643*	*$ 6,576*

Seismic Risk Categories		
District Risk:	**>300**	**>50**	**<50**
	High	**Medium**	**Low**

RVS Score:	<0.0	0.1-1.0	1.1-2.0	>2.0		
	Individual Building Collapse Potential					**District**
College Buildings:	**V High**	**High**	**Mod**	**Low**	**N**	**Seismic Risk**
Blue Mountain CC	-	-	4	2	6	7
Central Oregon CC	-	9	1	6	16	57
Chemeketa CC	-	13	-	3	16	81
Clackamas CC	**1**	7	2	11	21	82
Clatsop CC	**1**	-	3	2	6	172
Columbia Gorge CC	**1**	-	1	-	2	505
Klamath CC	-	-	-	2	2	1
Lane CC	-	13	5	4	22	62
Linn-Benton CC	**7**	3	2	3	15	488
Mt Hood CC	**2**	3	4	4	13	180
Portland CC	-	14	3	10	27	53
Rogue CC	**3**	5	2	3	13	271
Southwest Oregon CC	-	6	2	2	10	62
Treasure Valley CC	**5**	-	-	2	7	715
Umpqua CC	-	-	4	4	8	6
	20	73	33	58	184	

Statewide Seismic Needs Assessment

EMERGENCY DISTRICTS SEISMIC RISK SUMMARY

Oregon Seismic Needs Assessment
City Fire & Police Departments

		Seismic Risk Categories		
District Risk:		**>300**	**>50**	**<50**
		High	**Medium**	**Low**

RVS Score:	<0.0	0.1-1.0	1.1-2.0	>2.0		
	Individual Building Collapse Potential					**District Relative**
City Fire & Police Departments	**V hi**	**Hi**	**Mod**	**Low**	**Sum**	**Seismic Risk**
City of Albany	-	-	1	4	5	3
City of Amity	-	-	2	-	2	10
City of Ashland	-	-	-	2	2	1
City of Astoria	-	1	-	-	1	100
City of Athena	-	-	-	1	1	1
City of Aumsville	-	-	-	1	1	1
City of Aurora	-	-	1	-	1	10
City of Baker City	-	-	2	-	2	10
City of Bandon	-	1	-	-	1	100
City of Bay City	-	-	1	1	2	6
City of Bend	-	-	-	5	5	1
City of Brookings	-	-	1	-	1	10
City of Burns	1	-	-	1	2	501
City of Butte Falls	1	-	-	1	2	501
City of Canby	-	-	1	-	1	10
City of Cannon Beach	-	-	1	-	1	10
City of Canyon City	-	-	-	1	1	1
City of Carlton	-	1	-	1	2	51
City of Cascade Locks	-	-	1	-	1	10
City of Central Point	-	-	-	1	1	1
City of Clatskanie	-	-	-	1	1	1
City of Coburg	-	-	1	-	1	10
City of Condon	-	2	-	-	2	100
City of Coos Bay	1	3	-	-	4	325
City of Coquille	-	-	-	1	1	1
City of Cornelius	-	-	-	2	2	1
City of Corvallis	-	3	-	3	6	51
City of Cottage Grove	-	1	-	-	1	100
City of Culver	-	1	-	-	1	100
City of Dallas	1	1	1	-	3	370
City of Dayville	-	-	1	-	1	10
City of Dundee	-	-	1	1	2	6
City of Elgin	-	-	-	1	1	1
City of Enterprise	1	-	-	2	3	334
City of Eugene	-	1	5	8	14	11
City of Fairview	-	-	-	1	1	1
City of Falls City	-	-	-	1	1	1
City of Forest Grove	-	-	1	2	3	4
City of Fossil	-	1	-	-	1	100
City of Garibaldi	-	2	-	-	2	100
City of Gaston	-	-	1	-	1	10
City of Gearhart	-	-	1	1	2	6
City of Gladstone	-	-	1	2	3	4
City of Gold Beach	-	1	-	-	1	100
City of Grants Pass	-	1	-	-	1	100
City of Gresham	-	1	5	1	7	22
City of Heppner	-	-	-	1	1	1
City of Hillsboro	-	-	2	4	6	4
City of Hines	-	-	1	1	2	6
City of Hood River	1	1	-	1	3	367
City of Hubbard	-	-	1	-	1	10
City of Huntington	-	-	-	1	1	1
City of Independence	-	1	-	-	1	100
City of Jacksonville	-	-	-	1	1	1
City of John Day	2	1	-	-	3	700
City of Jordan Valley	-	-	-	1	1	1
City of Joseph	-	-	1	1	2	6
City of Junction City	-	1	-	-	1	100
City of Keizer	-	-	-	1	1	1
City of King City	-	-	-	1	1	1

City Fire & Police Departments	V hi	Hi	Mod	Low	Sum	Seismic Risk
City of Klamath Falls	-	1	-	-	1	100
City of La Grande	1	-	-	1	2	501
City of Lafayette	-	1	-	1	2	51
City of Lake Oswego	-	-	-	5	5	1
City of Lakeview	1	-	-	1	2	501
City of Lebanon	-	1	-	-	1	100
City of Lexington	-	-	-	1	1	1
City of Lincoln City	-	-	-	1	1	1
City of Madras	1	-	-	-	1	1,000
City of Manzanita	-	-	1	-	1	10
City of McMinnville	-	-	1	-	1	10
City of Medford	1	4	-	4	9	156
City of Metoloius	-	-	-	1	1	1
City of Milton-Freewater	-	1	-	2	3	34
City of Mitchell	-	-	-	1	1	1
City of Molalla	-	-	-	1	1	1
City of Monmouth	-	-	-	1	1	1
City of Mosier	-	-	-	4	4	1
City of Mt Angel	-	2	-	1	3	67
City of Mt Vernon	-	-	-	1	1	1
City of Myrtle Creek	-	-	1	1	2	6
City of Myrtle Point	1	1	-	3	5	221
City of Nehalem	1	-	-	-	1	1,000
City of Newberg	-	-	2	2	4	6
City of Newport	-	1	-	1	2	51
City of North Bend	1	2	-	1	4	300
City of North Plains	-	-	1	1	2	6
City of Nyssa	2	-	-	-	2	1,000
City of Oakland	-	-	1	-	1	10
City of Oakridge	-	1	-	2	3	34
City of Ontario	2	-	-	-	2	1,000
City of Oregon City	-	-	-	1	1	1
City of Paisley	-	-	-	2	2	1
City of Pendleton	-	1	-	-	1	100
City Of Phoenix	-	-	-	1	1	1
City of Pilot Rock	-	1	-	-	1	100
City of Port Orford	-	1	-	-	1	100
City of Portland	2	14	16	8	40	89
City of Powers	-	-	1	-	1	10
City of Prairie City	-	1	-	-	1	100
City of Prineville	1	-	-	-	1	1,000
City of Prospect	-	1	-	1	2	51
City of Rainier	1	-	-	-	1	1,000
City of Redmond	-	2	-	1	3	67
City of Reedsport	-	2	-	1	3	67
City of Riddle	-	-	1	-	1	10
City of Rockaway Beach	-	2	-	-	2	100
City of Rogue River	-	-	-	1	1	1
City of Roseburg	-	2	1	1	4	53
City of Rufus	-	-	-	1	1	1
City of Salem	-	4	1	8	13	32
City of Sandy	-	-	-	1	1	1
City of Scappoose	-	-	1	-	1	10
City of Seaside	-	-	1	1	2	6
City of Seneca	1	-	-	-	1	1,000
City of Sheridan	-	-	1	-	1	10
City of Sherwood	-	-	1	-	1	10
City of Spray	-	-	1	-	1	10
City of Springfield	-	-	4	2	6	7
City of Stanfield	-	-	-	1	1	1
City of Stayton	1	-	-	-	1	1,000
City of Sumpter	-	1	-	-	1	100
City of Sutherlin	-	-	2	1	3	7
City of Sweet Home	-	-	-	6	6	1
City of Talent	-	-	-	1	1	1
City of Tigard	-	1	-	-	1	100
City of Tillamook	-	-	-	1	1	1

City Fire & Police Departments	V hi	Hi	Mod	Low	Sum	Seismic Risk
City of Toledo	-	1	-	2	3	34
City of Tualatin	-	-	-	1	1	1
City of Turner	-	1	-	-	1	100
City of Umatilla	-	-	-	1	1	1
City of Union City	-	1	-	1	2	51
City of Unity	1	-	-	-	1	1,000
City of Vale	-	-	-	1	1	1
City of West Linn	-	-	1	-	1	10
City of Westfir	-	-	-	1	1	1
City of Weston	-	1	-	-	1	100
City of Wheeler	-	-	-	2	2	1
City of Willamina	-	-	-	2	2	1
City of Winston	-	-	1	-	1	10
City of Woodburn	-	1	-	-	1	100
City of Yamhill	-	-	1	-	1	10
Sunriver	-	-	-	1	1	1
	26	78	75	148	327	

Oregon Seismic Needs Assessment

County Sheriff's Buildings

District Risk:	*Seismic Risk Categories*		
	>300	>50	<50
	High	Medium	Low

	Individual Building Collapse Potential					District Relative
District_Name	V hi	Hi	Mod	Low	Sum	Seismic Risk
Baker County	-	-	1	-	1	10
Benton County	-	1	-	-	1	100
Clackamas County	-	-	-	4	4	1
Clatsop County	-	-	1	-	1	10
Columbia County	-	-	-	-	-	-
Coos County	-	1	-	1	2	51
Crook County	-	-	1	-	1	10
Curry County	-	1	-	1	2	51
Deschutes County	1	-	-	4	5	201
Douglas County	-	2	1	1	4	53
Gilliam County	1	-	-	-	1	1,000
Grant County	-	-	-	1	1	1
Harney County	-	1	1	-	2	55
Hood River County	-	-	3	-	3	10
Jackson County	1	-	1	-	2	505
Jefferson County	-	-	-	1	1	1
Josephine County	-	1	-	2	3	34
Klamath County	-	-	1	1	2	6
Lake County	1	-	-	1	2	501
Lane County	-	1	-	-	1	100
Lincoln County	-	-	2	1	3	7
Linn County	-	3	-	2	5	60
Malheur County	-	-	-	1	1	1
Marion County	-	2	-	-	2	100
Morrow County	-	-	2	1	3	7
Multnomah County	-	2	1	-	3	70
Polk County	-	-	1	-	1	10
Sherman County	-	2	-	-	2	100
Tillamook County	-	-	-	2	2	1
Umatilla County	-	1	-	-	1	100
Union County	-	-	-	-	-	-
Wallowa County	-	1	-	1	2	51
Wasco County	-	-	1	1	2	6
Washington County	1	3	-	-	4	325
Wheeler County	-	1	-	-	1	100
Yamhill County	-	1	1	-	2	55
	5	24	18	26	73	

District_Name	V hi	Hi	Mod	Low	Sum	Seismic Risk
Oregon State Police	-	5	4	17	26	21
Port Of Portland	-	-	-	1	1	1

City Fire & Police Departments	V hi	Hi	Mod	Low	Sum	Seismic Risk

Seismic Risk Categories		
District Risk:	>300	>50	<50
	High	Medium	Low

Rural Fire Protection Districts

	Individual Building Collapse Potential					District Relative
District_Name	V hi	Hi	Mod	Low	Sum	Seismic Risk
Adair RFPD	-	-	2	-	2	10
Adrian RFPD	-	1	-	-	1	100
Agness Illahee RFPD	-	-	-	1	1	1
Alsea RFPD	-	-	1	-	1	10
Applegate Valley RFPD	-	-	-	7	7	1
Aumsville RFPD	-	-	-	1	1	1
Aurora RFPD	-	-	2	1	3	7
Azalea RFPD	-	-	-	1	1	1
Bandon RFPD	-	-	-	2	2	1
Banks RFPD	-	-	1	1	2	6
Black Butte RFPD	-	2	-		2	100
Blue River RFPD	-	-	-	1	1	1
Bly RFPD	-	-	-	2	2	1
Boardman RFPD	-	-	-	2	2	1
Bonanza RFPD	-	-	1	-	1	10
Boring RFPD	-	-	-	3	3	1
Bridge RFPD	-	-	-	1	1	1
Brownsmead RFPD	-	-	-	1	1	1
Brownsville RFPD	-	1	-	-	1	100
Camas Valley RFPD	-	-	-	1	1	1
Canby RFPD	-	-	-	2	2	1
Canyonville/S Umpqua RFPD	-	-	-	1	1	1
Cape Ferrelo RFPD	-	-	-	1	1	1
Cedar Valley N Banks RFPD	-	-	-	1	1	1
Central Oregon Coast RFPD	-	-	-	1	1	1
Charleston RFPD	-	1	-	2	3	34
Chiloquin-Agency Lk RFPD	1	-	1	1	3	337
Christmas Valley RFPD	-	-	-	2	2	1
Clackamas Co Fire Dist #1	-	-	-	16	16	1
Clatskanie RFPD	-	1	-	-	1	100
Cloverdale RFPD	-	1	1	1	3	37
Coburg RFPD	-	1	-	-	1	100
Colton RFPD	-	-	-	2	2	1
Columbia River Fire & Rescue	-	2	1	7	10	22
Coquille RFPD	-	1	-	3	4	26
Cove RFPD	-	-	1	-	1	10
Crescent RFPD	-	-	-	4	4	1
Creswell RFPD	-	1	-	-	1	100
Crook County RFPD	2	-	-	3	5	401
Days Creek RFPD	-	-	-	1	1	1
Dee RFPD	-	-	1	-	1	10
Depoe Bay RFPD	-	-	-	1	1	1
Deschutes County RFPD #2	-	-	-	1	1	1
Dexter RFPD	-	-	-	1	1	1
Diamond Lake RFPD	-	-	-	1	1	1
Dora-Sitkum RFPD	-	-	1	-	1	10
Douglas Co Fire Dist #2	-	-	-	7	7	1
Drakes Crossing RFPD	-	-	-	1	1	1
Eagle Valley RFPD	-	-	1	-	1	10
East Umatilla County RFPD	-	1	1	2	4	28
Echo RFPD	-	-	-	1	1	1
Elkton RFPD	-	-	-	1	1	1
Elsie-Vinemaple RFPD	-	1	-	1	2	51
Estacada RFPD	-	-	-	2	2	1
Evans Valley Fire Dist #6	-	-	-	1	1	1
Fair Oaks RFPD	-	-	-	1	1	1
Fairview RFPD	-	-	-	1	1	1
Gardiner RFPD	-	1	-	-	1	100
Gaston RFPD	-	-	1	1	2	6
Glendale RFPD	-	-	-	1	1	1
Glide RFPD	-	1	-	-	1	100

City Fire & Police Departments	V hi	Hi	Mod	Low	Sum	Seismic Risk
Goshen RFPD	-	1	-	-	1	100
Greenacres RFPD	-	-	1	-	1	10
Halsey-Shedd RFPD	-	1	-	3	4	26
Hamlet RFPD	-	-	-	1	1	1
Harbor RFPD	-	-	1	1	2	6
Harriman RFPD	-	1	-	-	1	100
Harrisburg Fire & Rescue	-	1	-	-	1	100
Hauser RFPD	-	-	-	1	1	1
Helix RFPD	-	-	-	1	1	1
Hermiston Fire & Emergency Services District	-	1	-	-	1	100
Hoodland RFPD	-	-	-	3	3	1
Hoskins - Kings Valley RFPD	-	-	-	1	1	1
Hubbard RFPD	-	1	1	-	2	55
Idanha-Detroit RFPD	-	-	-	2	2	1
Imbler RFPD	-	-	-	2	2	1
Ione RFPD	-	-	-	1	1	1
Jackson Co Fire District #3	-	2	-	-	2	100
Jackson Co Fire District #4	-	1	-	-	1	100
Jackson Co Fire District #5	-	-	-	1	1	1
Jefferson County RFPD	-	-	-	1	1	1
Jefferson RFPD	-	-	1	-	1	10
John Day RFPD	-	-	-	1	1	1
Junction City RFPD	1	-	-	1	2	501
Juniper Flat RFPD	-	-	-	2	2	1
Keizer RFPD	-	-	-	1	1	1
Kellogg RFPD	-	-	-	1	1	1
Keno RFPD	-	-	1	-	1	10
Klamath Co Fire Dist #1	1	2	1	2	6	202
Klamath County Fire District 4	-	-	1	-	1	10
Knappa Fire District	-	-	-	2	2	1
La Pine RFPD	1	1	-	1	3	367
LaGrande RFPD	-	-	-	1	1	1
Lake Creek RFPD	-	-	-	4	4	1
Lakeside RFPD	-	1	1	1	3	37
Lane Co Fire Dist #1	-	2	-	7	9	23
Lane Rural Fire Rescue	-	-	1	3	4	3
Langlois RFPD	-	-	1	-	1	10
Lebanon Fire District	1	-	-	2	3	334
Lewis & Clark RFPD	-	-	1	1	2	6
Long Creek FD	-	2	-	-	2	100
Lookingglass VFD	-	-	1	-	1	10
Lorane RFPD	-	-	1	-	1	10
Lostine VFD	-	1	-	-	1	100
Lowell RFPD	-	-	-	1	1	1
Lyons RFPD	-	-	-	1	1	1
Mapleton RFPD	-	-	-	1	1	1
Marion County Fire District 1	-	2	2	9	13	18
Mckenzie Fire & Rescue	-	1	-	4	5	21
Merrill RFPD	-	-	2	-	2	10
Mid-Columbia Fire & Rescue	-	-	-	2	2	1
Mill City RFPD	1	-	-	1	2	501
Millington Fire Dist #5	-	-	-	2	2	1
Milo RFPD	-	-	-	1	1	1
Mohawk Valley RFD	-	1	-	4	5	21
Molalla RFPD	-	-	-	3	3	1
Monitor RFPD	-	-	-	1	1	1
Monroe RFPD	1	-	-	3	4	251
Moro RFPD	-	-	-	1	1	1
Mosquito Flat North RFPD	-	-	-	1	1	1
Multnomah County RFPD 14 Aims Station #63	-	-	-	4	4	1
Nestucca RFPD	1	1	3	4	9	126
Netarts - Oceanside RFPD	-	2	1	1	4	53
North Bay RFPD	-	1	-	-	1	100
North Douglas County Fire & EMS	-	1	1	5	7	16
North Gilliam County RFPD	-	-	-	1	1	1
North Lincoln Fire & Rescue	-	-	1	6	7	2
North Powder RFPD	-	-	1	-	1	10

City Fire & Police Departments	V hi	Hi	Mod	Low	Sum	Seismic Risk
North Sherman County RFPD	-	-	-	1	1	1
Oakland RFD	-	1	-	-	1	100
Odell RFPD	-	1	1	1	3	37
Ophir RFPD	-	1	-	-	1	100
Parkdale RFPD	1	-	1	-	2	505
Philomath RFPD	-	-	1	-	1	10
Pilot Rock RFPD	-	-	-	1	1	1
Pine Grove VFD	-	1	-	1	2	51
Pine Hollow VFD	-	-	-	1	1	1
Pine Valley RFPD	-	-	1	-	1	10
Pistol River Fire District	-	-	-	2	2	1
Pleasant Hill RFPD	-	1	-	1	2	51
Polk County Fire Dist #1	-	1	-	-	1	100
Rogue River RFPD	-	1	-	-	1	100
Rural/Metro Fire Dept	-	-	2	-	2	10
Sandy FFPD	-	-	-	3	3	1
Santa Clara RFPD	-	1	1	-	2	55
Sauvie Island RFPD	-	-	-	1	1	1
Scappoose RFPD	-	-	1	-	1	10
Scio RFPD	-	-	1	4	5	3
Scottsburg RFPD	-	-	-	1	1	1
Seal Rock RFPD	-	-	-	2	2	1
Siletz RFPD	-	-	-	2	2	1
Silver Lake RFPD	-	1	-	-	1	100
Silverton RFPD	-	-	-	7	7	1
Sisters/Camp Sherman RFPD	-	2	-	2	4	51
Siuslaw Valley F & R	-	1	1	3	5	23
Sixes RFPD	-	-	1	-	1	10
South Gilliam County RFPD	-	-	-	1	1	1
South Lane County F&R	-	1	-	2	3	34
South Sherman FPD	-	-	-	1	1	1
St Paul RFPD	-	-	1	-	1	10
Stayton RFPD	1	-	-	3	4	251
Sublimity RFPD	-	-	-	1	1	1
Sumner RFPD	-	-	-	1	1	1
Sunriver FD	-	-	-	1	1	1
SW Polk Co RFPD	-	1	-	-	1	100
Swisshome - Deadwood RFPD	-	1	1	2	4	28
Tangent RFPD	-	-	-	1	1	1
Tenmile RFPD	-	-	-	1	1	1
Thomas Creek / Westside RFPD	-	-	-	2	2	1
Three Rivers VFD	-	-	-	1	1	1
Tillamook FD	-	-	-	2	2	1
Tiller RFPD	-	-	-	1	1	1
Tri City RFPD	-	1	-	-	1	100
Tualatin Valley F&R	-	1	3	27	31	5
Tygh Valley FD	-	-	-	2	2	1
Umatilla RFPD	-	-	-	2	2	1
Upper Chetco RFPD	-	-	-	1	1	1
Upper Mckenzie RFPD	-	-	1	-	1	10
Vernonia RFPD	-	-	-	1	1	1
Wallowa FD	-	-	-	2	2	1
Washington County RFPD	-	-	-	2	2	1
West Valley Fire District	-	-	-	2	2	1
Westside RFPD	-	2	-	1	3	67
Williams RFPD	-	-	-	1	1	1
Winchester Bay RFPD	-	-	1	-	1	10
Winchuck RFPD	-	-	1	-	1	10
Winston Dillard RFPD	-	-	-	1	1	1
Wolf Creek RFPD	-	-	-	1	1	1
Woodburn RFPD	-	-	2	3	5	5
Yachats RFPD	1	-	1	2	4	253
Yamhill FPD	-	-	-	1	1	1
	13	62	62	303	440	

City Fire & Police Departments	V hi	Hi	Mod	Low	Sum	Seismic Risk

Oregon Seismic Needs Assessment
Hospitals

District Risk:

Seismic Risk Categories		
>300	>50	<50
High	Medium	Low

	Individual Building Collapse Potential					District Relative	*Organization*
							Revenue-based
Acute Care Hospitals	V hi	Hi	Mod	Low	Sum	Seismic Risk	*Fiscal Need*
Adventist Medical Center	-	1	-	1	2	51	*Very Low*
Ashland Community Hospital	-	-	-	3	3	1	*Moderate*
Bay Area Hospital - Coos Bay	-	-	-	2	2	1	*Moderate*
Blue Mountain Hospital - John Day	-	-	-	1	1	1	*High*
Columbia Memorial Hospital - Astoria	-	1	-	-	1	100	*Low*
Coquille Valley Hospital	-	-	-	1	1	1	*High*
Cottage Grove Community Hospital	-	-	-	1	1	1	*Very Low*
Curry General Hospital - Gold Beach	-	1	-	-	1	100	*High*
Good Samaritan Regional Medical Center - Corvallis	-	-	-	1	1	1	*Low*
Good Shepherd Community Hospital - Hermiston	1	2	-	-	3	400	*Moderate*
Grande Ronde Hospital - LaGrande	3	1	-	-	4	775	*Very Low*
Harney District Hospital - Burns	-	-	-	1	1	1	*High*
Holy Rosary Medical Center - Ontario	-	-	1	-	1	10	*Very Low*
Kaiser Sunnyside Medical Center	-	-	-	1	1	1	*Very Low*
Lake District Hospital - Lakeview	-	-	-	1	1	1	*High*
Legacy Emanuel Hospital	1	2	1	-	4	303	*Very Low*
Legacy Good Samaritan Hospital	1	2	1	-	4	303	*Very Low*
Legacy Meridian Park Hospital	-	1	-	-	1	100	*Very Low*
Legacy Mt. Hood Medical Center	-	-	-	1	1	1	*Very Low*
Lower Umpqua Hospital - Reedsport	-	2	-	1	3	67	*High*
Mckenzie-Willamette Medical Center	-	-	-	3	3	1	*Very Low*
Mercy Medical Center - Roseburg	-	1	-	-	1	100	*Very Low*
Merle West Medical Center - Klamath Falls	-	-	-	4	4	1	*Low*
Mid-Columbia Medical Center - The Dalles	-	1	-	1	2	51	*Moderate*
Mountain View Hospital - Madras	-	3	-	-	3	100	*Low*
OHSU Hospital	-	-	-	2	2	1	*Low*
Peace Harbor Hospital - Florence	-	1	-	-	1	100	*Very Low*
Pioneer Memorial Hospital - Heppner	-	1	-	1	2	51	*High*
Pioneer Memorial Hospital - Prineville	3	-	-	-	3	1,000	*Low*
Providence Hood River Memorial Hospital	1	-	-	-	1	1,000	*Very Low*
Providence Medford Medical Center	-	-	-	3	3	1	*Very Low*
Providence Milwaukie Hospital	-	-	-	1	1	1	*Very Low*
Providence Newberg Hospital	-	-	-	1	1	1	*Very Low*
Providence Portland Medical Center	-	-	-	4	4	1	*Very Low*
Providence Seaside Hospital	-	-	2	-	2	10	*Very Low*
Providence St. Vincent Hospital	-	-	-	3	3	1	*Very Low*
Rogue Valley Medical Center - Medford	-	-	-	3	3	1	*Low*
Sacred Heart Medical Center - Eugene	-	-	-	5	5	1	*Very Low*
Salem Hospital	-	-	-	2	2	1	*Low*
Samaritan Albany General Hospital	-	-	-	1	1	1	*Low*
Samaritan Lebanon Community Hospital	-	-	-	8	8	1	*Low*
Samaritan North Lincoln Hospital - Lincoln City	-	-	1	-	1	10	*Low*
Samaritan Pacific Communities Hospital - Newport	-	-	-	1	1	1	*Low*
Santiam Memorial Hospital - Stayton	-	1	1	-	2	55	*Moderate*
Silverton Hospital	-	-	-	2	2	1	*Moderate*
Southern Coos Hospital - Bandon	-	-	-	1	1	1	*High*
St. Anthony Hospital - Pendleton	-	3	-	-	3	100	*Very Low*
St. Charles Medical Center - Bend	-	-	-	2	2	1	*Low*
St. Charles Medical Center - Redmond	-	-	-	2	2	1	*Low*
St. Elizabeth Hospital - Baker City	-	-	2	-	2	10	*Very Low*
Three Rivers Community Hospital - Grants Pass	-	-	-	1	1	1	*Low*
Tillamook County General Hospital	-	-	1	-	1	10	*Very Low*
Tuality Community Hospital - Forest Grove	-	-	-	1	1	1	*Low*
Tuality Community Hospital - Hillsboro	-	1	-	-	1	100	*Low*
Wallowa Memorial Hospital - Enterprise	-	-	-	1	1	1	*High*
West Valley Community Hospital - Dallas	-	-	-	1	1	1	*Low*
Willamette Falls Hospital - Oregon City	-	1	-	-	1	100	*Moderate*
Willamette Valley Medical Center - McMinnville	-	-	-	1	1	1	*Very Low*
	10	26	10	70	116		

APPENDIX I. SPREADSHEET AND SITE SUMMARY REPORT DATA FIELD DEFINITIONS

This appendix contains keys to the column headings in the SSNA-all-data.xls (Excel) spreadsheet file and the SSNA-abridged-data.xls file.

SSNA-all-data.xls

Site_UniqueID	Unique ID assigned by DOGAMI for each site
BuildingUniqueID	Unique ID assigned by DOGAMI for each building entity
Site_Type	Major use of the building
Tracking_Code	Code utilized for site tracking of various categories
District	District authority name
Name	Building name
Field_Physical_Address	Physical street address
Field_Physical_City	City
GPS_X	Latitude
GPS_Y	Longitude
MaxOccupancy	Maximum occupancy
Enrollment_ODE	Actual October 2005 enrollment from Oregon Department of Education
Screener_Name	Name of person collecting field data
InspectionDate	Date field data was collected
Field_Verified_Year_Built	Construction date as indicated by plaque encountered in the field
Estimated_Decade_Built	Screener estimate of construction period, to nearest decade start
Year_Built	Data from ODE database and other sources
Number_Stories	Number of stories above ground level
Building_Total_Area	Total Area square feet
Comments	Special notation by screener
SeismicityZone	Seismic zones (low, moderate, high) defined by FEMA 154 and very high defined as 60% g on the 1.0 second spectral acceleration 2% probability of exceedance in 50 years USGS seismic hazard map
Primary_Structural_Type	The field screener's best judgment of Building Structural Type as defined by FEMA 154
Primary_Structural_Certainty_Type	Field screener confidence in assigned primary structural type (in percent)
Secondary_Structural_Type	The field screener's second best judgment of Building Structural Type as defined by FEMA 154
Secondary_Structural_Certainty_Type	Field screener coarse confidence in assigned secondary structural type (in percent)
Tertiary_Structural_Type	The field screener's third best judgment of Building Structural Type as defined by FEMA 154
Tertiary_Structural_Certainty_Type	Field screener confidence in assigned tertiary structural type (in percent)
Poor_Condition_Primary	Screener's notations of poor condition
Pounding_Potential	Possibility of building swaying during earthquake into adjacent structures
Falling_Hazard_Primary	Potential falling hazards during earthquake
Vertical_Irregularity_Primary	Vertical irregularity as defined by DOGAMI 2006 vertical and plan irregularities definition document
Plan_Irregularity_Primary	Plan irregularity as defined by DOGAMI 2006 vertical and plan irregularities definition document
Poor_Condition_Secondary	Additional noted poor condition
Poor_Condition_Tertiary	Additional noted poor condition
Falling_Hazard_Secondary	Additional falling hazard
Falling_Hazard_Tertiary	Additional falling hazard

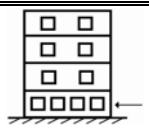
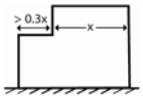
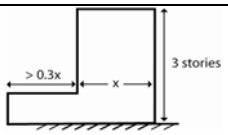
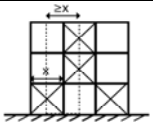
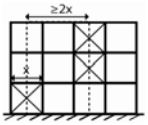
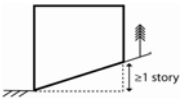
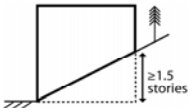
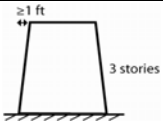
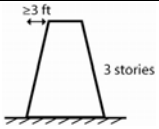
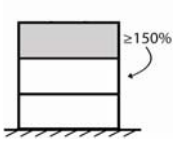
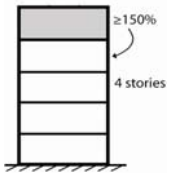
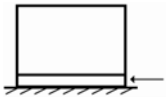
Vertical_Irregularity_Secondary	Additional vertical irregularity
Vertical_Irregularity_Tertiary	Additional vertical irregularity
Vertical_Irregularity_Severity_Primary	Vertical irregularity severity
Vertical_Irregularity_Severity_Secondary	Vertical irregularity severity
Vertical_Irregularity_Severity_Tertiary	Vertical irregularity severity
Plan_Irregularity_Secondary	Additional plan irregularity
Plan_Irregularity_Tertiary	Additional plan irregularity
Plan_Irregularity_Severity_Primary	Plan irregularity severity
Plan_Irregularity_Severity_Secondary	Plan irregularity severity
Plan_Irregularity_Severity_Tertiary	Plan irregularity severity
Soil_Type	Site soil classification from 1997 NEHRP Provisions
Type_1	Duplicate of Primary_Structural_Type field
Basic_1	FEMA 154 numeric value for Primary_Structural_Type
VertIrr_1	FEMA 154 numeric value for Vertical_Irregularity_Primary field
PlanIrr_1	FEMA 154 numeric value for Plan_Irregularity_Primary field
Precode_1	FEMA 154 numeric value for construction built prior to FEMA default precode year of 1941
PostBench_1	FEMA 154 numeric value for post benchmark construction date as defined in Table 8
C_1	FEMA 154 numeric value for C type Site Classes
D_1	FEMA 154 numeric value for D type Site Classes
E_1	FEMA 154 numeric value for E type Site Classes
RVS_1	FEMA 154 score for the Primary_Structural_Type
Type_2	Duplicate of Secondary_Structural_Type field
Basic_2	FEMA 154 numeric value for Secondary_Structural_Type
VertIrr_2	FEMA 154 numeric value for Vertical_Irregularity_Secondary field
PlanIrr_2	FEMA 154 numeric value for Plan_Irregularity_Secondary field
Precode_2	FEMA 154 numeric value for construction built prior to FEMA default precode year of 1941
PostBench_2	FEMA 154 numeric value for post benchmark construction date as defined in Table 8
C_2	FEMA 154 numeric value for C type Site Classes
D_2	FEMA 154 numeric value for D type Site Classes
E_2	FEMA 154 numeric value for E type Site Classes
RVS_2	FEMA 154 score for the Secondary_Structural_Type
Type_3	Duplicate of Tertiary_Structural_Type field
Basic_3	FEMA 154 numeric value for Tertiary_Structural_Type
VertIrr_3	FEMA 154 numeric value for Vertical_Irregularity_Tertiary field
PlanIrr_3	FEMA 154 numeric value for Plan_Irregularity_Tertiary field
Precode_3	FEMA 154 numeric value for construction built prior to FEMA default precode year of 1941
PostBench_3	FEMA 154 numeric value for post benchmark construction date as defined in Table 8
C_3	FEMA 154 numeric value for C type Site Classes
D_3	FEMA 154 numeric value for D type Site Classes
E_3	FEMA 154 numeric value for E type Site Classes
RVS_3	FEMA 154 score for the Teriary_Structural_Type
Final_Type	Structural type with lowest FEMA RVS score
RVS_F	FEMA 154 RVS score that was the lowest
Collapse_Potential	A RVS score of 2.0 represents that there is a 1 in 100 chance, or 1% probability, that the building will collapse due

	to the ground motion caused by the maximum considered earthquake. A score of 0.0 implies a 1 in 1 chance, or a 100% probability. FEMA recommends that all buildings with a score of 2.0 or less should be considered to have inadequate performance during the anticipated maximum seismic event. DOGAMI has refined the relative rank of the RVS scores into four categories: Very High (RVS less than or equal to zero, 100% probability of collapse), High (RVS from 0.1 to 1.0; greater than a 10% probability of collapse), Moderate (RVS from 1.1 to 2.0, greater than a 1% probability of collapse), and Low (RVS greater than or equal to 2.1, probability of collapse less than 1%). New construction is deemed to have low collapse potential. Sites that have been or are planned to have seismic rehabilitation are deemed to have moderate collapse potential. Sites that were missed during the filed screening are deemed to have high collapse potential.
PDF Site Summary Report	Web link site data report for all building screened at particular site. Contains descriptive data, location information, screener comments, photos, RVS scores, and plan views for each building. A site may have multiple building entities designated by suffix A, B, C etc. All individual building reports are bundled into a single site summary report.

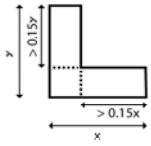
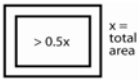
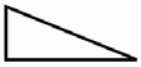
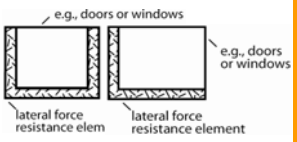
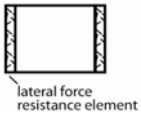
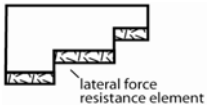
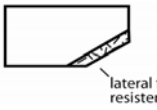
SSNA-abridged-data.xls

Site_UniqueID	Unique ID assigned by DOGAMI for each site
BuildingUniqueID	Unique ID assigned by DOGAMI for each building entity
DOGAMI Tracking_Code	Code utilized for site tracking of various categories
Site_Type	Major use of the building
District	District authority name
Facility Name	Building name
Address	Physical street address
City	City
Latitude GPS_X	Latitude
Longitude GPS_Y	Longitude
ODE 05-06 Enrollment	Actual October 2005 enrollment from Oregon Department of Education
Field Plaque	Construction date as indicated by plaque encountered in the field
Estimated Decade	Screener estimate of construction period, to nearest decade start
Year Built	Data from ODE database and other sources
Building Area	Total Area square feet
USGS Seismicity	Seismic zones (low, moderate, high) defined by FEMA 154 and very high defined as 60% g on the 1.0 second spectral acceleration 2% probability of exceedance in 50 years USGS seismic hazard map
NEHRP Soil	Site soil classification from 1997 NEHRP Provisions
Final Type	Structural type with lowest FEMA RVS score
Final RVS	FEMA 154 RVS score that was the lowest
Collapse_Potential	A RVS score of 2.0 represents that there is a 1 in 100 chance, or 1% probability, that the building will collapse due to the ground motion caused by the maximum considered earthquake. A score of 0.0 implies a 1 in 1 chance, or a 100% probability. FEMA recommends that all buildings with a score of 2.0 or less should be considered to have inadequate performance during the anticipated maximum seismic event. DOGAMI has refined the relative rank of the RVS scores into four categories: Very High (RVS less than or equal to zero, 100% probability of collapse), High (RVS from 0.1 to 1.0; greater than a 10% probability of collapse), Moderate (RVS from 1.1 to 2.0, greater than a 1% probability of collapse), and Low (RVS greater than or equal to 2.1, probability of collapse less than 1%). New construction is deemed to have low collapse potential. Sites that have been or are planned to have seismic rehabilitation are deemed to have moderate collapse potential. Sites that were missed during the filed screening are deemed to have high collapse potential.
PDF Site Summary Report	Web link site data report for all building screened at particular site. Contains descriptive data, location information, screener comments, photos, RVS scores, and plan views for each building. A site may have multiple building entities designated by suffix A, B, C etc. All individual building reports are bundled into a single site summary report.

Vertical Irregularity

Type of Irregularity	Choices in Lookup Table (pull down menu)	Low (minor)	Minimum Cutoff for Moderate	Moderate (yes)	Minimum Cutoff for High	High
Soft Story	Soft Story		 Stiffness of one story is dramatically less than most of the other stories (FEMA 154).			
Elevation Setback	Step in Elevation View: Single Change, 2 to 3 Changes, Very Irregular Changes: (adjacent building/entity)		 Horizontal distance of setback is greater than 30% of horizontal distance of adjacent story (IBC 2003).		 Horizontal distance of setback is greater than 30% of horizontal distance of adjacent story (IBC 2003) AND height above setback is 2 or more stories.	
Vertical Lateral-Force-Resistance Element Displacement In Plane	Vertical Lateral-Force-Resistance Element Displacement In Plane		 Horizontal offset distance is equal to or greater than the horizontal length of the vertical lateral-force-resistance element (IBC 2003).		 Horizontal offset distance is equal to or greater than 2 times the horizontal length of the vertical lateral-force-resistance element.	
Sloped Site	Building On Hill or Sloped Site		 Slope across building rises at least one story (FEMA 154).		 Slope across building rises greater than 1.5 story.	
Sloped or Inclined Walls	Sloped or Inclined Walls		 Walls have an out of plane slope greater than 1 foot per 3 stories AND less than 3 feet per 3 stories.		 Walls have an out of plane slope greater than 1 foot per 1 story.	
Vertical Mass Irregularity	Vertical Mass Irregularity		 Mass of story or object greater than 150% of adjacent story (IBC 2003).		 Building 4 or more stories AND mass of story or object is greater than 150% of adjacent story.	
Cripple Wall	Cripple Wall		 Building has cripple walls			
Short Columns	Short Columns		Lateral load-carrying columns which have an effective height substantially less than the full story or columns of mixed heights.			
Vertical Change in Structural Type	Vertical Change in Structural Type (stiff over stiff), (soft over stiff), (stiff over soft), (soft over soft)		Building has a vertical change in structural type.			

Plan Irregularity

Type of Irregularity	Choices in Lookup Table (pull down menu)	Low (minor)	Minimum Cutoff for Moderate	Moderate (yes)	Minimum Cutoff for High	High
Reentrant Corners	Reentrant Corners: L Shaped, T Shaped, U Shaped, E Shaped, H Shaped, Other: (adjacent building/entity)		 Both projections (from the reentrant corner) are greater than 15% of the total length in that direction (IBC 2003).			
Large diaphragm openings or O shaped	Large Diaphragm or Central Opening		 Opening is greater than 50% of the gross enclosed area (IBC 2003).			
Torsion Based on Shape	Torsion: Building Shape		 Building has less than or greater than 90 deg corners.			
Torsion Based on Change in Force-Resistant Elements	Torsion: Eccentric Stiffness		 Eccentric stiffness. Primary Lateral-Force-Resistance Elements are at 90 deg and at least one is non-parallel (IE elements have a C shape or L shape).			
Lateral-Force-Resistance in One Direction Only	Lateral-Force-Resistance in One Direction Only		 Lateral-Force-Resistance is only in one direction.			
Discontinuous Lateral-Force-Resistance Elements (Out of Plane Element)	Out of Plane Lateral-Force-Resistance Element		 Lateral-Force-Resistance Element is out of plane or has offsets.			
Nonparallel System	Nonparallel System		 Vertical Lateral-Force-Resistance Elements are not Parallel or symmetric to major axes of the lateral system.			

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Senate Bill 2 Rapid Visually Screening Protocol Handbook

Benson High School, Portland

June 14, 2006

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Protocol for Rapid Visual Screening
This Handbook is provided as a guide for completion of this work. It will not answer all questions. Please contact Don Lewis or Natalie Richards if there are major issues in the field

Introduction to Senate Bill #2 and Rapid Visual Screening-

http://www.oregongeology.com/sub/projects/rvs/default.htm

Project Overview

Oregon Senate Bill 2 directs DOGAMI, in consultation with project partners (see below), to develop a statewide seismic needs assessment that includes seismic safety surveys of K-12 public school buildings and community college buildings that have a capacity of 250 or more persons, hospital buildings with acute inpatient care facilities, fire stations, police stations, sheriffs' offices and other law enforcement agency buildings.

The statewide needs assessment will consist of rapid visual screenings (RVS) of these buildings in accordance with FEMA-154, 2002 Edition, or an equivalent standard adopted by DOGAMI; information gathering to supplement RVS; and ranking of RVS results into risk categories. The results will be posted on a publicly accessible web site.

Rapid Visual Screening-All Rapid Visual screenings will follow the procedures discussed in FEMA 154 Edition 2, July 2005. The manual for Rapid Visual Screening using FEMA 154 is provided in each computer system to use as a reference.

Checklist of equipment

Please treat all equipment with care.

- Notebook of Planviews, lists of sites/buildings including Multi-buildings school information
- Vest
- Clip board
- Tablet with stylus- Make and Model, screen protector, black tablet holder,
- Logitech QuickCam for Notebook Pro
- Printer- HP and Model with power supply, printer manual one replacement cartridge for black and color and paper
- 2- Bonzai Secure Digital cards with one USB Flash Drive
- GPS unit
- Surge Protector
- Auto/Air Adapter- Power^2
- Personal Cell Phone
- FEMA 155 manual
- USB Cable
- Duracell battery charger with batteries
- 1 black and 1 yellow Modem cords

Each team leader (Carol Hasenberg, Tom Miller and Christine Theodoropoulos) will assure that all equipment listed above is returned in good working order to DOGAMI

Equipment breakdowns- If your computer breaks down in the field, call DOGAMI. If we need to provide a backup, FED Ex it in computer appropriate packaging back to DOGAMI care of:

```
Natalie Richards, PE
SB2 Project Coordinator
DOGAMI
800 NE Oregon St, #28
Suite #965
Portland, OR  97232
971-673-0481
natalie.richards@dogami.state.or.us
```

DOGAMI will FED EX a backup computer we have and fix the other. If there is no backup available, conduct RVS surveys using paper the forms provided then they will have to be input into the database at a later date.

Once a backup is available, DOGAMI will contact you about getting you the computer equipment.

It is very important to treat the computers as fragile and important equipment.

- Do not leave them at a eating establishment,
- Do not place them in adverse conditions either hot or cold,
- Do not eat or drink close to them to prevent something spilling on them
- Please use common sense and treat them as if they were your own equipment.

Information that needs to be downloaded onto tablets-

- Maps-
    - County
    - City
    - Planviews
- RVS Protocol Handbook
- Travel/Misc Voucher for cell phones and disposable camera

- FEMA 154 manuals
- List of Sites- County, Unique ID, Name Address, Year, Year remodeled, site access issues #
- Flyers
- Worksheet which is the Tablet forms in case there is rain.
- Multi-building schools with scans

Database download procedure to get site information –Will be ADDED here

Conducting RVS-
Follow guidance provided during the training session 6/21-23/2006 and all procedures explained in Rapid Visual Screening of Buildings for Potential Seismic Hazards- FEMA 154-CD, Edition 2/July 2005 which has been installed on your computers systems as a reference.

- Monday mornings check DOGAMI email or contact Natalie, Jared or Don between 8:00-9:00 for any updates.
- Please plan ahead each week using the information provided by county or the Site Contact information in the tablets and check for access issue that require coordination.
- Complete RVS survey (see instructions below)
- Save all information as you go
- Back up by double clicking the icon on desktop which brings up a MSDOS screen and automatically backs up to the Secure Digital Card in D:\ Place this in a safe place where it can't get destroyed by heat or cold.
- At the end of the day, print out forms completed (No pictures) that day and store them in the plastic box provided
- Download all data on Fridays and contact DOGAMI if there are issues
- Every Friday, Carol, Christina, Tom and Bill will meet with Natalie either in person or by conference call to discuss the progress and plan for the next week. Natalie will contact Emergency Managers by email and have Deb Schueller update the website as changes are needed.

Screen or Not to Screen buildings- That is the question

- If the building meets any of the following, it will be RVS screened:
  - 250 students?
  - In Use Daily?
  - Cafeteria
  - Gym
  - Swimming Pool Complex
  - Auditorium
  - 10,000 sq ft→ 3 houses or 50 ft by 200 ft
- Don't Screen if:
  - All schools are not being surveyed so please call Natalie if you have questions about schools
  - Modular units at schools
  - Maintenances building or bus shelters
  - Tribal buildings on tribal land

Rain Protocol

The Fijitsu computer tablets **CANNOT** be used in the rain.

A paper copy of the tablet form is provided on the Appendix and will need to be filled out then transferred to the tablet for downloading to the database at some point.

A disposable camera will need to be bought to provide pictures. Maintain a written log of the photographs providing the same information that you would in the Tablet for each picture.

Send a copy of the form, the log and the disposable camera for development to DOGAMI:
800 NE Oregon St, #28
Suite 965
Portland, OR 97232

Please keep the receipt for the disposable camera and provide it on the cell phone miscellaneous voucher for reimbursement.

The GPS unit can be used in the rain so the coordinates can be acquired and written down on the tablet form.

This screening can also be completed in your car along with photographs if they are easy to decipher.

RAPID VISUAL SURVEY PROCEDURE

1.0 Site Info – General setup

When you first get to a site, turn on the GPS unit, set it on the dashboard or the hood of the car (but out from under trees), and let it acquire satellites (it sometimes takes the unit ~10 min to acquire the satellites and then get the accuracy down to 20 ft. or less). Once the GPS unit has gone through it's boot up screens and satellites are acquired and accuracy to 20ft or less, the screen will look like the example in Figure 1.

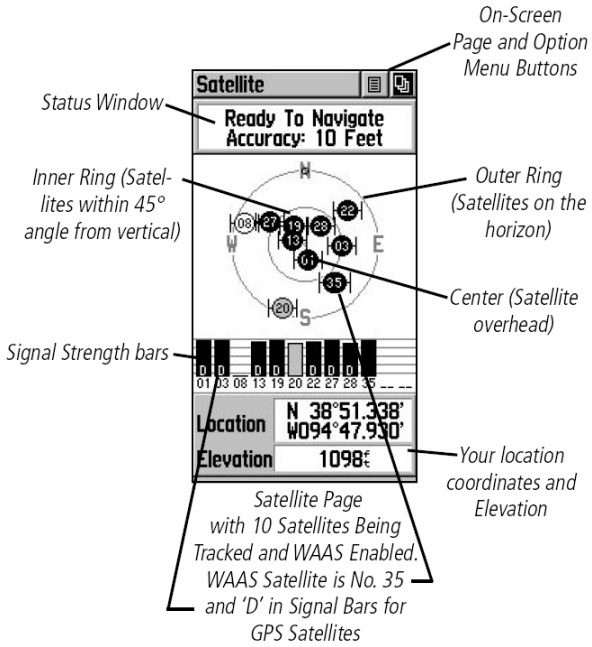


Figure 1: Example of GPS screen after boot-up.

Get out the paper **Plan View Map** (air photo of the site, Figure 2). Find your location and identify the building, buildings, and/or building entities to be surveyed. Review the additional information (building construction dates, etc Figure 3), which will be similar to example below and finalize the identification of the buildings/entities to be surveyed.

Establish a plan of surveying. Take a quick walk around the site and identify all the buildings/entities which will be surveyed. Outline each of the areas in pencil or visually on the plan view map (see example in Figure 3 with yellow outlines of buildings).

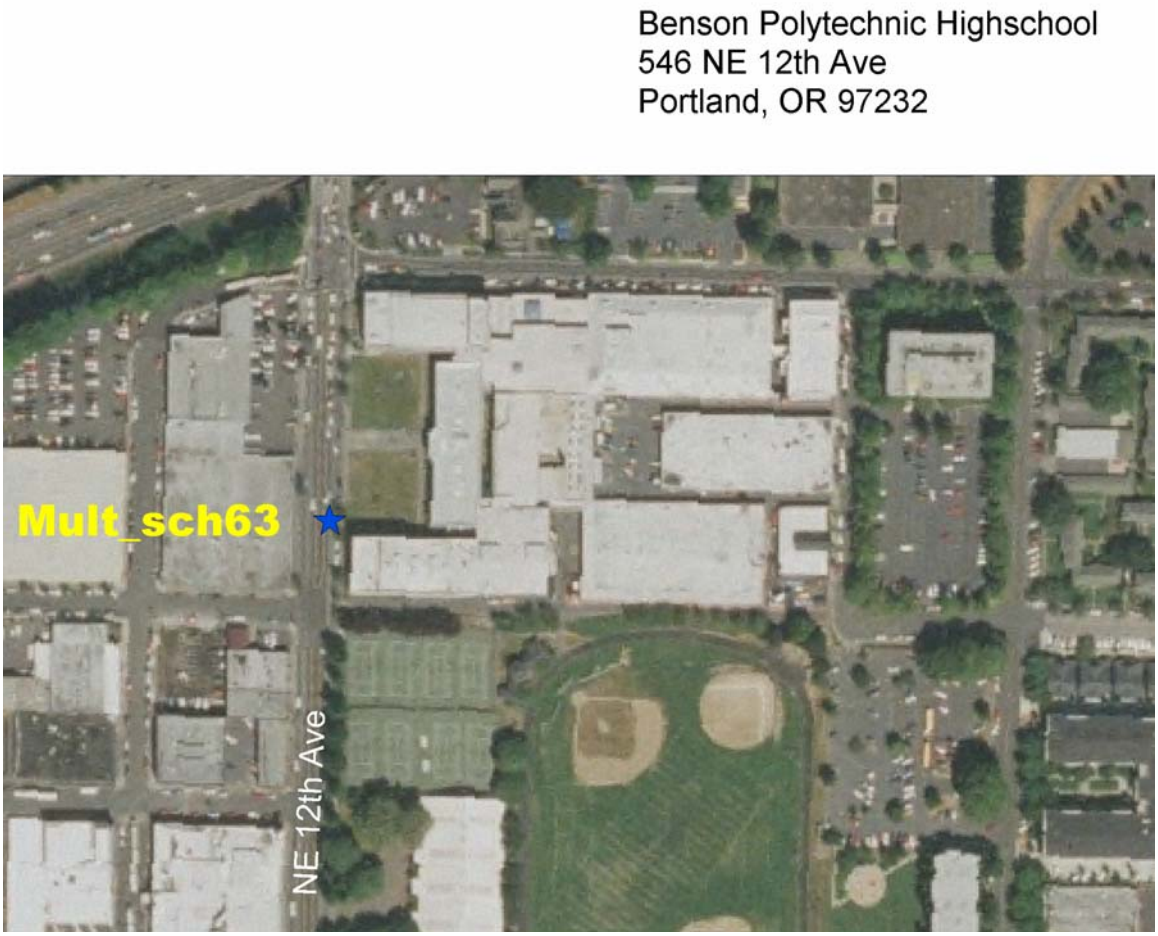


Figure 2: Plan view map or air photo of the site

Benson Polytechnic Highschool
546 NE 12th Ave
Portland, OR 97232

Mult_sch14	Gilbert Heights Elementary	1958	Built in 1958 and addition in 1996.

Figure 3: Plan view map or air photo of the site with buildings/entities to be surveyed outlined in yellow and additional information table.

Turn on the computer tablet, open the access database (shortcut on the desktop).

In the main RVS screen select "NEW RVS". The first page of an empty form will come up on your screen.

1.1 Verify-Enter Site Information

OPEN TAB: Site/Building Info

Find the **Unique Site ID** box (at the top along the upper tool bar) and toggle down to your present site location (ex. Mult_sch63). Make sure that the site ID number on the form matches the site ID number on the Plan View Map. Confirm that the **Site Name, Site Street Address, Site City** boxes all contain the correct information. If it isn't correct, then correct the information.

Collect the GPS reading (see GPS procedure for details) for SITE at the main intersection of the main street and the entrance to the site. This should also be the most likely location for the site's postal street address as shown in Figure 4 (ex: the intersection of the main street and the front sidewalk, the intersection of the main entrance driveway to the campus, see example below with

red dot at SITE GPS location). Enter **Field Site GPS X (E-W), GPS Y (N-S), and Point ID** in the appropriate places on the form. Mark the spot of that reading on your Site Plan View map.

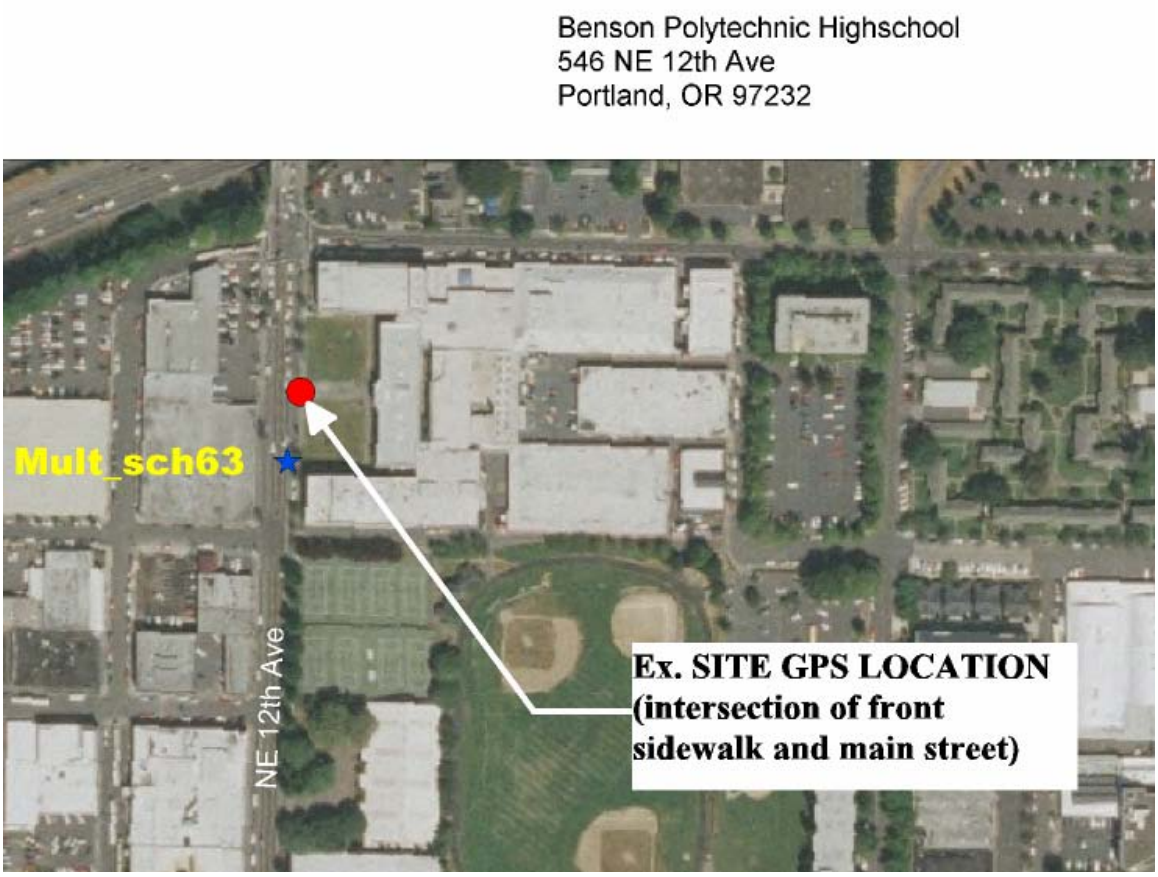


Figure 4: Example of SITE GPS location.

2.0 Building/Entity Specific RVS

TAB: Site/Building Info

Now toggle down to **Unique Building ID** box (about ½ way down the form) and select the unique building ID + the letter **A** (first building/entity). Outline the building/entity on the Plan View Map and mark it with the correct building/entity letter (see example outline and building/building entity letter in red), so that it matches the A area as shown in Figure5. Then verify/correct the information in the **BLDG Name, BLDG Street Address, BLDG City** boxes. If it isn't correct, then correct the information.

Collect a GPS reading for building/entity A at the main front door or main entrance to the building/entity (see example Figure 6 with red dots at each building/entity main entrance). Enter the GPS information into the **Field BLDG GPS X(E-W), GPS Y (N-S), and Point ID** boxes on the form. Mark the spot of that reading on your Site Plan View map.

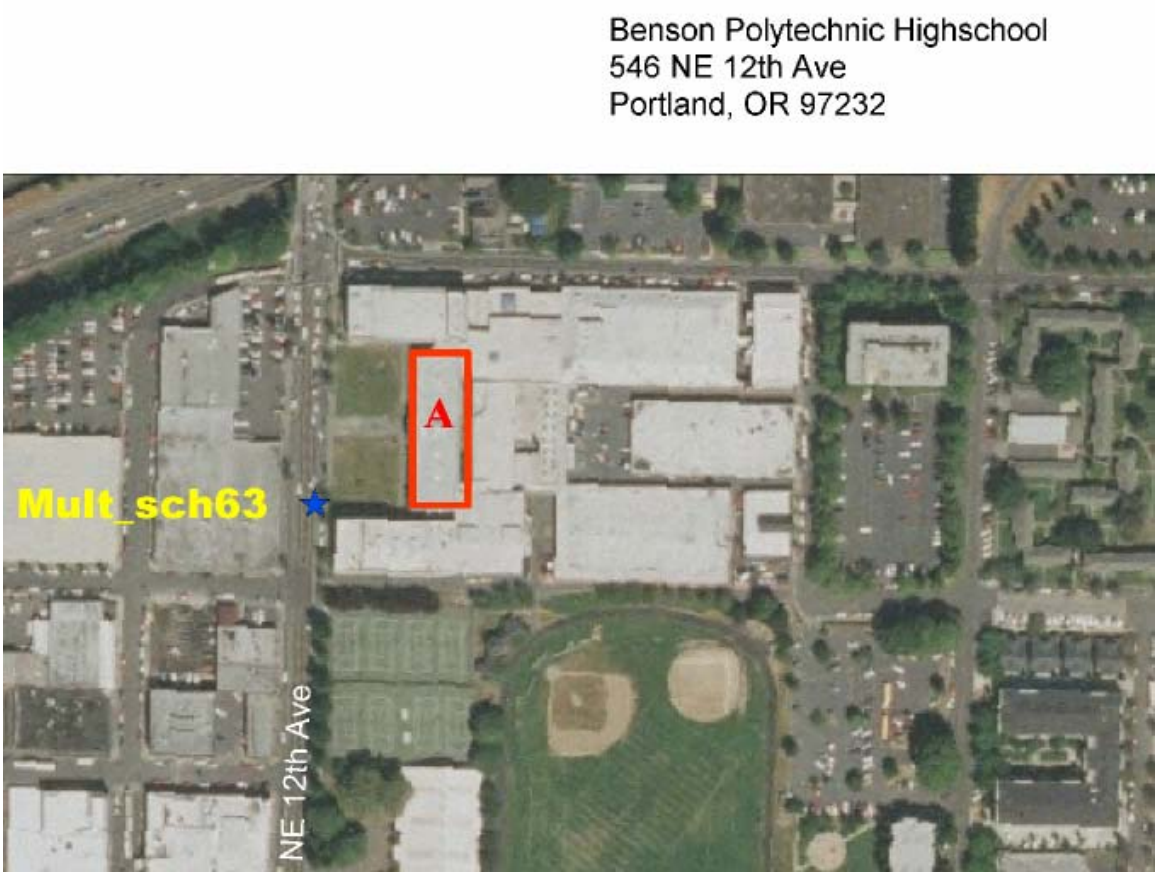


Figure 5: Example of Outlines building/entity A

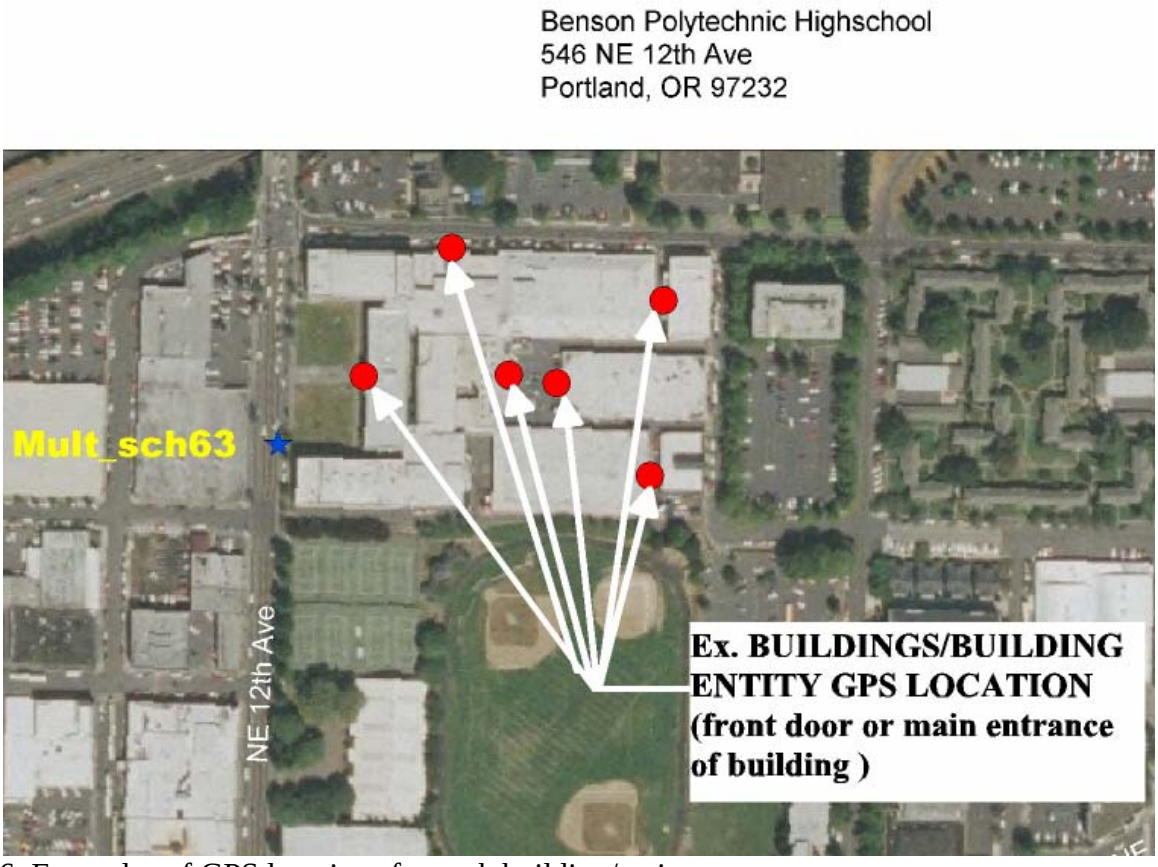


Figure 6: Examples of GPS locations for each building/entity

Fill in the answers to the **BLDG Status, Nbr Stories,** and **Occupancy** boxes. Take photos to document (see photo acquisition description later in this document).

If you see a construction date on the building somewhere or can somehow verify the exact build date in the field put that in the **Field Verified Built** box (photo document). If you cannot quickly identify the exact build date, then, fill out the **Est Decade Built** box. This box is required, even if you have a field verified exact year built.

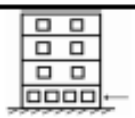
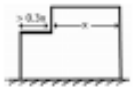
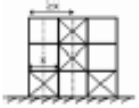
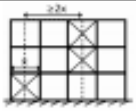
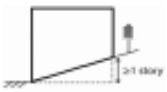
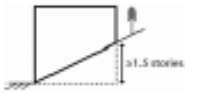
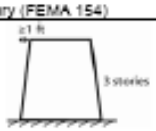
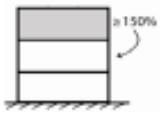
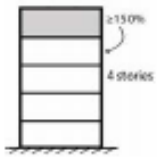
Click the boxes next to **Desig Community Shelter, Basement,** and **Pounding Potential** (photo document) to change the answer to yes. Do this only if you are able to quickly verify the information in the field.

OPEN TAB: Building Survey

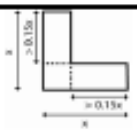
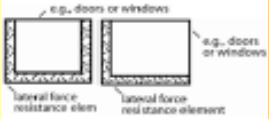
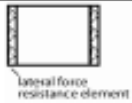
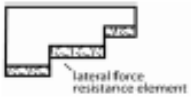
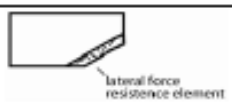
Use the pull down list to answer the **Primary Structural Type** (first guess). Choose a corresponding **Certainty.** If you are not 100% sure of the Primary Structural type, then choose the **Secondary** (second guess) and **Tertiary** (third guess) **Structural Types**. Choose the corresponding **Certainties** for each of these building types. Photo document all choices for type and certainties.

Choose any of the **Vertical Irreg** and **Severity** (see matrix below for Severity), **Plan Irreg** and **Severity** (see matrix below), **Poor Condition**, and **Falling Hazards** questions that apply to the building/entity. You have 3 boxes to enter data for these characteristics, if needed. Photo document all choices.

Vertical Irregularity

Type of Irregularity	Choices in Lookup Table (pull down menu)	Low (minor)	Minimum Cutoff for Moderate	Moderate (yes)	Minimum Cutoff for High	High
Soft Story	Soft Story		 Stiffness of one story is dramatically less than most of the other stories (FEMA 154)			
Elevation Setback	Step in Elevation View: Single Change, 2 to 3 Changes, Very Irregular Changes, (adjacent building/entity)		 Horizontal distance of setback is greater than 30% of horizontal distance of adjacent story (IBC 2003)		Horizontal distance of setback is greater than 30% of horizontal distance of adjacent story (IBC 2003) AND height above setback is	
Vertical Lateral-Force-Resistance Element Displacement in Plane	Vertical Lateral-Force-Resistance Element Displacement in Plane		 Horizontal offset distance is equal to or greater than the horizontal length of the vertical lateral-force-resistance element (IBC 2003)		 Horizontal offset distance is equal to or greater than 2 times the horizontal length of the vertical lateral-force-resistance element.	
Sloped Site	Building On Hill or Sloped Site		 Slope across building rises at least one story (FEMA 154)		 Slope across building rises greater than 1.5 story	
Sloped or Inclined Walls	Sloped or Inclined Walls		 Walls have an out of plane slope greater than 1 foot per 3 stories AND less than 3 feet per 3 stories		Walls have an out of plane slope greater than 1 foot per 1 story	
Vertical Mass Irregularity	Vertical Mass Irregularity		 Mass of story or object greater than 150% of adjacent story (IBC 2003)		 Building 4 or more stories AND mass of story or object is greater than 150% of adjacent story	
Cripple Wall	Cripple Wall		Building has cripple walls			
Short Columns	Short Columns		Lateral load-carrying columns of mixed heights			
Vertical Change in Structural Type	Vertical Change in Structural Type (stiff over stiff), (soft over stiff), (stiff over soft), (soft over		Building has a vertical change in structural type			

Plan Irregularity

Type of Irregularity	Choices in Lookup Table (pull down menu)	Low (minor)	Minimum Cutoff for Moderate	Moderate (yes)	Minimum Cutoff for High	High
Reentrant Corners	Reentrant Corners: L Shaped, T Shaped, U Shaped, E Shaped, H Shaped, Other, (adjacent building/entity)		 Both projections (from the reentrant corner) are greater than 15% of the total length in that direction (IBC 2003)			
Large diaphragm openings or O shaped	Large Diaphragm or Central Opening		Opening is greater than 50% of the gross enclosed area (IBC 2003)			
Torsion Based on Shaped	Torsion: Building Shape		Building has less than or greater than 90 deg corners			
Torsion Based on Change in Force-Resistant Elements	Torsion: Eccentric Stiffness		 Eccentric stiffness. Primary Lateral-Force-Resistance Elements are at 90 deg and at least one is non-parallel (IE elements have a C shape or L shape)			
Lateral-Force-Resistance in One Direction Only	Lateral-Force-Resistance in One Direction Only		 Lateral-Force-Resistance is only in one direction			
Discontinuous Lateral-Force-Resistance Elements (Out of Plane Element)	Out of Plane Lateral-Force-Resistance Element		 Lateral-Force-Resistance Element is out of plane or has offsets			
Nonparallel System	Nonparallel System		 Vertical Lateral-Force-Resistance Elements are not Parallel or symmetric to major axes of the lateral system			

Detailed Eval Required box will default to unknown because a final score is not complicated or a Primary structural type cannot be determined through a RVS, at which the screener should select *Yes – Field recommended detailed evaluation.*

Select your name from the drop down list in the **Screener** field.

Add Comments. However, please keep these entries to a minimum, because they will not be searchable or sortable.

2.1 Photo Acquisition

OPEN TAB: Images

To add an image or photo, first select the "+" button in the upper right hand corner of the screen. Then double click in the photo viewing area (should be blank-green at this point). A window will appear titled *Acquire* Click/select the "acquire" button. A window will now appear titled *Logitech Camera* with a "live" video feed from lens of the camera. Aim the camera at your chosen object and click/select "*Take Picture*". Then on the *Acquire* window click "*OK*". Clicking "OK" actually "takes" the picture and stores in the database.

After you acquire/take the image, select the **Aspect** box. This field should be the direction that the side of the building-entity is facing (ex. "N" would mean that north facing wall). The **Date** box will be auto filled. Select the **Image Type** from the drop down list that is the closest match to the photo. Fill in Comments if necessary.

To review existing images use the "<" and ">" buttons in the upper right hand corner.

To zoom in on photo after it is acquired, hold down the "shift" button and click on image. To zoom out hold down the "Ctrl" button. You will not be able to zoom in or out before you acquire the picture (no zoom lens on the camera).

When you are completely finished with Building/Entity, select the "Save and Exit" button up at the top left of the Info Bar across the top of the form. Choosing this will save the information for that building to the database. You should move on to the next building/entity type at this point. You can review the data from the previous building by selecting Review RVS data from the main access menu.

3.0 Reviewing Existing RVS Data

In the main RVS screen select "Review Existing RVS". The first page of an empty form will come up on your screen. First select the Site Filter from the top menu. This is the Site Unique ID. Make sure you are looking at the correct unique building ID.

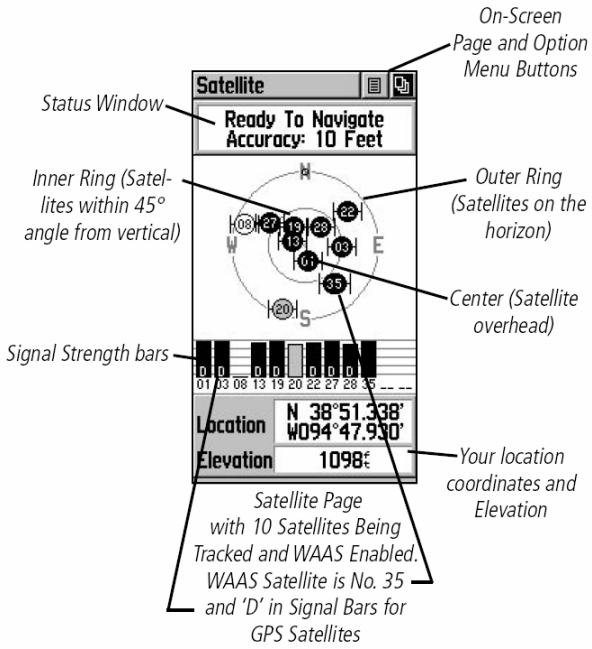
Information can now be reviewed and edited.

To choose a different unique site ID, select the "turn off filter" button, which is next to the Site Filter up at the top menu bar. Now select a new unique site ID in the site filter.

4.0 GPS Data Collection

To turn the unit on and off, hold down the lower button on the right side of the unit for a couple of seconds.

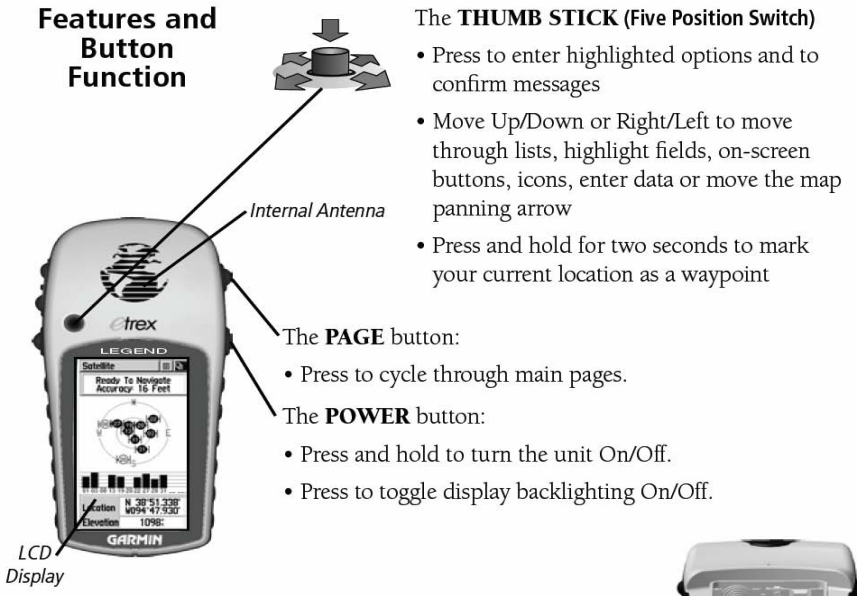
Turn the GPS unit on as the first thing that you do when you arrive at a site. The GPS will automatically go through several screens about warnings, etc and then end up on the ***Satellite*** screen (see example below). This screen will tell you how many satellites the unit current has connected and the strength of the signal. Wait until the **Accuracy** reading is down around 20' or less. That is about as good as the reading will ever get.

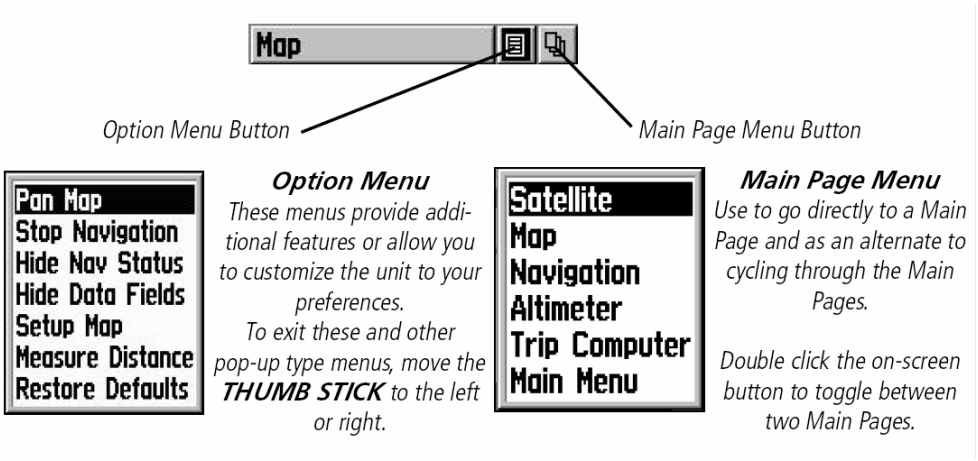


To collect a GPS point and input it into the database, you need three numbers: **Point ID, GPS X (E-W),** and **GPS Y (N-S).**

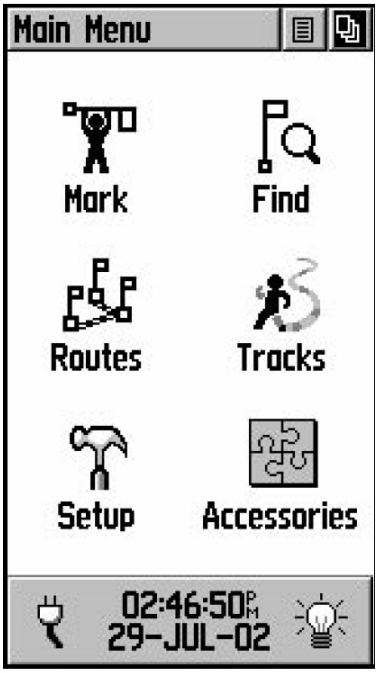
TBD
The Point Id is automatically numbered by the Etrex GPS unit.

When ready to collect a point, check that at least 3 satellites have been connected. Using the black mouse-like button on upper left hand corn of the unit's front (Thumb-Stick), push it in once, and a drop down menu will appear. Scroll down to ***Main*** and click in/select.

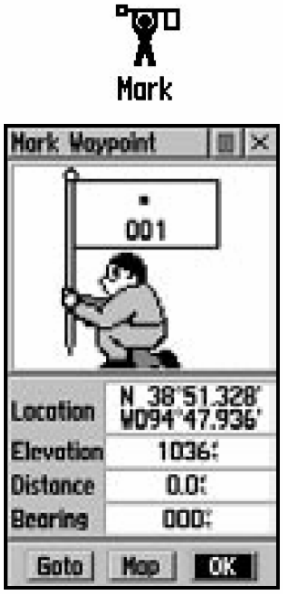




In the main menu, scroll up to "**Mark**" and click in/select.



Now you will be looking at the current Etrex automatically chosen **Point ID** at the top in the flag that the little man/person is holding. At the bottom of the screen you will see a display of the current longitude location information (GPS Y (ex. N 45.52899) and GPS X (ex. W 122.65733)).



Now, on the computer tablet in the access database type in the new **Point ID** and the X (E-W) and Y (N-S) coordinates that you see at the bottom of the little man screen. Please record the number to 4 places beyond the decimal point (ex. 122.2342). That will give us sufficient data to plot an accurate location.

Back on the GPS unit, scroll down to **OK** (at the bottom) of the little man screen and click in/select. This will save the point to the memory of the GPS, and it can be downloaded later as a backup to the typed numbers.

To get back to the ***Satellite*** screen on the GPS, just use the mouse to scroll up to the top menu bar and click/select the mulitpage looking icon and scroll down to *Satellite*. To get between the *Main* and *Satelitte* screens you can also use the upper right hand button to toggle through all the primary screens

The GPS units also come with an instruction booklet if you want to read about reviewing the saved GPS points and about deleting GPS points that you recorded by mistake.

Building Type and Decade

DECADE BUILT VS. BUILDING TYPE FOR PORTLAND BUILDINGS
Does not include single family residences.

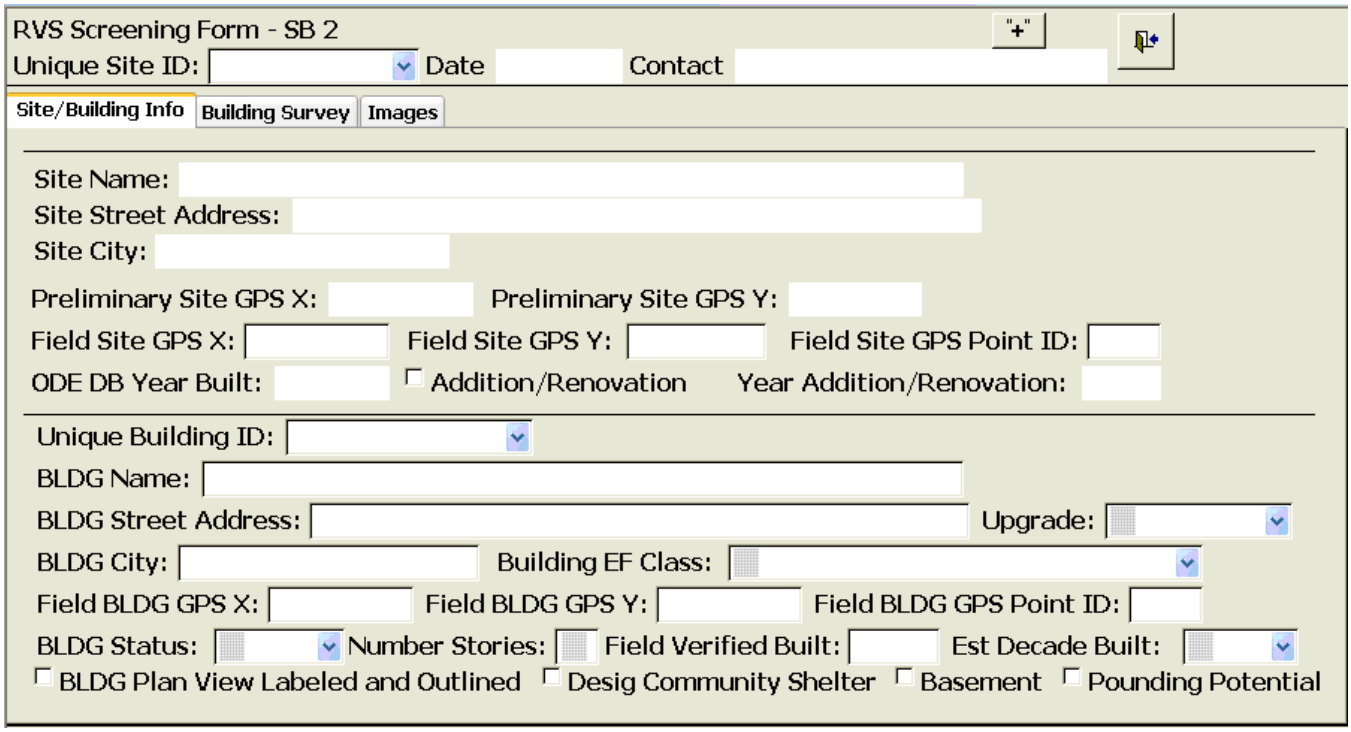
DECADE	C1	C2	C3	PC1	PC2	RM	S1	S2	S3	S4	URM	W	TOTAL
1850												1	1
1860												3	3
1870		3								1	14	4	22
1880	1	8	1			3				1	38	70	122
1890	7	21	2	1		7			3	2	77	173	293
1900	9	46	10	1		15	2		1	3	175	619	881
1910	18	190	10	1	1	26	7	1	5	9	323	488	1079
1920	36	722	15	8	1	69	3	2	19	10	349	794	2028
1930	2	237	5	4	1	40	2		18	3	78	281	671
1940	9	354	4	17	1	161	2	1	85	3	133	838	1608
1950	12	346	5	132	1	360	14	6	97	12	95	881	1961
1960	41	149	7	194	16	521	14	10	143	24	13	1185	2317
1970	71	108	6	246	17	377	27	5	168	29	1	1681	2736
1980	135	60	1	220	20	240	34	7	133	24	6	851	1731
1990	5	9	1	60	1	74	17	4	40	4	4	301	520

DECADE BUILT VS. BUILDING TYPE FOR NON-PORTLAND BUILDINGS
Does not include single family residences.

DECADE	C1	C2	C3	PC1	PC2	RM	S1	S2	S3	S4	URM	W	TOTAL
1850												2	2
1860				2								2	4
1870						1					1		2
1890												11	11
1900		5				4					4	29	42
1910		13				5			3		8	116	145
1920	3	34	2	1		22	4	1	9	1	23	253	353
1930	1	34				28	16		9		4	213	305
1940	2	52		4		105	2		15	3	14	485	682
1950	4	37	1	34		162	30		47	1		678	994
1960	10	38	2	52	1	237	48		103	3	1	2027	2522
1970	23	45		156		307	167		203	4		6649	7554
1980	19	31		161	6	186	223		117	19		4334	5096
1990	13	6		77		127	300	1	57	4		1741	2326

APPENDIX-

RVS Screening Form



Bldgstatus
In Use
Demo
Vacant/Demolished

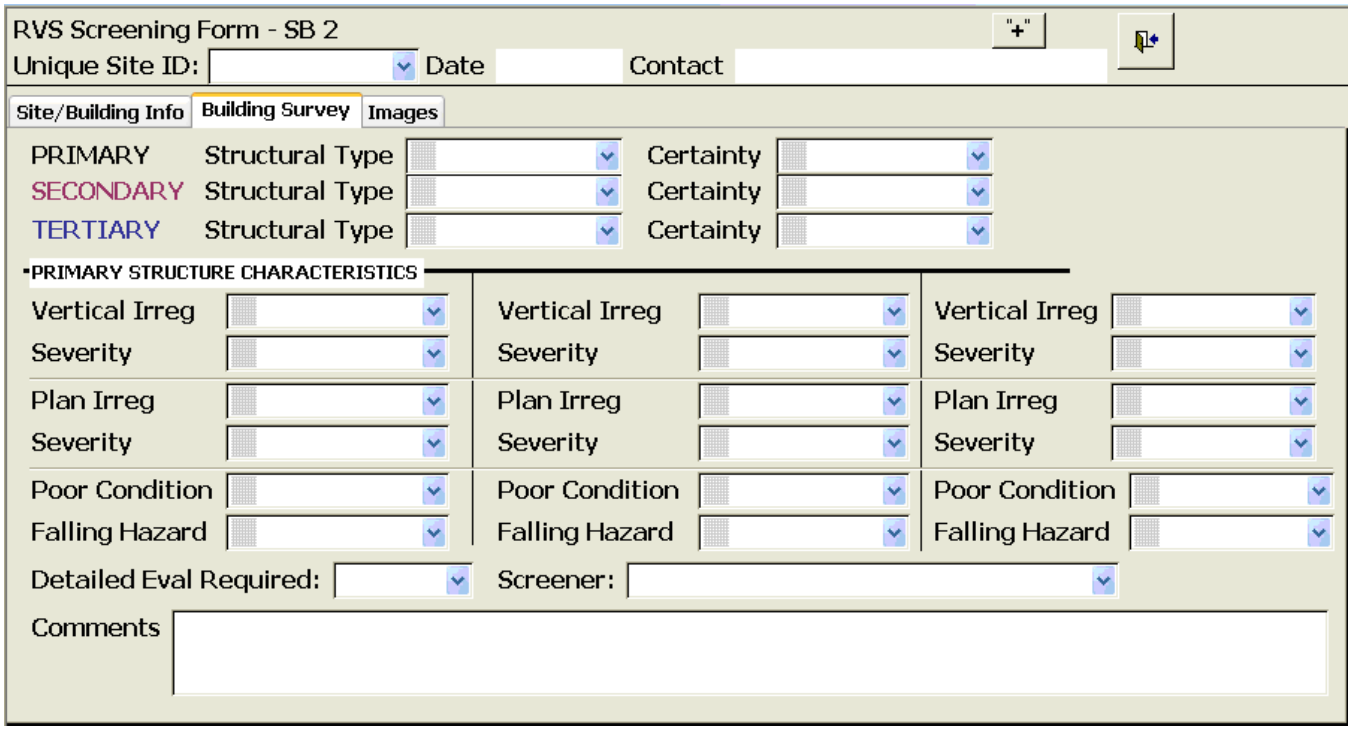
UpgradeRehab
Structural-Partial
Non-Structural
Structural-Full

NbrBldgstories
1
2
3
4
5
6
7
8
9
10+

BldgOccupancyType
Government
Emergency Services
School
Residential
Industrial
Assembly
Historic
Commercial
Office

EstDecadeBuilt
Pre 1900
1900
1910
1920
1930
1940
1950
1960
1970
1980
1990
2000

Building_EF_Class_Use			
ER	**K-12**	**College**	**Hospital**
Fire	Single Building	Single Building	Small (<50 beds)
Police	Assembly	Classrooms	Medium (50-150 beds)
Emergency Op. Center	Classrooms	Assembly	Large (150 beds)
Police & EOC	Gymnasium	Gymnasium	
Fire & EOC	Office	Office	
Fire & Police	Library	Library	
Fire, Police, & EOC	Cafeteria	Dormitory	
		Cafeteria	



P	S	T	Structural Type
			S3 Light metal bldgs
			RM2 Reinforced masonry bldgs with rigid floor and roof diaphragms
			C1 Concrete moment-resisting frame bldgs
			S4 Steel frame bldgs with cast-in-place concrete shear walls
			PC2 Precast concrete frame bldgs
			C2 Concrete shear-wall bldgs
			W2 Light wood-frame bldgs larger than 5,000 square feet
			MH Mobile Homes
			URM Unreinforced masonry bearing-wall bldgs
			W1 Light wood-frame residential and commercial bldgs smaller than or equal to 5,000 square feet
			S5 Steel frame blgs with unreinforced masonry infill walls
			PC1 Tilt-up bldgs
			RM1 Reinforced masonry bldgs with flexible floor and roof diaphragms
			C3 Concrete frame bldgs with unreinforced masonry infill walls
			S1 Steel moment-resisting frame bldgs
			S2 Braced steel frame bldgs

P	S	T	Certainty
			0-25%
			25-50%
			50-75%
			75-100%
			100%

P	S	T	Vertical Irregularity
			None
			Steps in Elevation View: Single Change
			Steps in Elevation View: 2 to 3 Changes
			Steps in Elevation View: Very Irregular Changes
			Steps in Elevation View: Single Change (Adjacent Building/Entity)
			Steps in Elevation View: 2 to 3 Changes (Adjacent Building/Entity)
			Steps in Elevation View: Very Irregular Changes (Adjacent Building/Entity)
			Sloped or Inclined Walls
			Building On Hill or Sloped Site
			Soft Story
			Short Columns
			Cripple Walls
			Vertical Change in Structural Type (Stiff over Stiff)
			Vertical Change in Structural Type (Stiff over Soft)
			Vertical Change in Structural Type (Soft over Stiff)
			Vertical Change in Structural Type (Soft over Soft)
			Vertical Mass Irregularity
			Vertical Lateral-Force-Resistance Element Displacement In Plane

P	S	T	Severity
			Low-minor
			Medium-yes
			High

P	S	T	Plan Irregularity
			None
			Reentrant Corners: L Shaped
			Reentrant Corners: T shaped
			Reentrant Corners: U shaped
			Reentrant Corners: E Shaped
			Reentrant Corners: H Shaped
			Reentrant Corners: Other
			Reentrant Corners: L Shaped (Adjacent Build/Entity)
			Reentrant Corners: T shaped (Adjacent Build/Entity)
			Reentrant Corners: U shaped (Adjacent Build/Entity)
			Reentrant Corners: E Shaped (Adjacent Build/Entity)
			Reentrant Corners: H Shaped (Adjacent Build/Entity)
			Reentrant Corners: Other (Adjacent Build/Entity)
			Large Diaphragm or Central Opening
			Lateral-Force-Resistance in One Direction Only
			Non-Parallel System
			Out of Plane Lateral-Force-Resistance Elements
			Torsion: Building Shape
			Torsion: Eccentric Stiffness
			None

P	S	T	Severity
			Low-minor
			Medium-yes
			High

P	S	T	Poor Condition
			None
			Cracks
			Poor Masonry
			Poor Concrete
			Differential Settlement with Damage
			Differential Settlement
			Poor masonry joint condition
			Open cracks in structural members

P	S	T	Falling Hazard
			None
			Unreinforced Chimneys
			Parapets: General
			Parapets: Unreinforced Across Front of Building
			Parapets: Unreinforced Around Entire Building
			Parapets: Unreinforced Over Exit
			Parapets: Any >6 ft height
			Heavy Cladding (thick stone or concrete)
			Other: General
			Other: Light Cladding
			Other: Smokestack
			Other: Heavy cornice or other overhead decoration
			Other: Ornamental Hazard Over Exit
			Other: Brick Veneer

Rapid Visual Screening of Buildings for Potential Seismic Hazards

A Handbook

FEMA 154, Edition 2 / March 2002

FEMA

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NATIONAL EARTHQUAKE HAZARDS REDUCTION PROGRAM

Second Edition

RAPID VISUAL SCREENING OF BUILDINGS FOR POTENTIAL SEISMIC HAZARDS: A HANDBOOK

APPLIED TECHNOLOGY COUNCIL
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The Applied Technology Council (ATC) is a nonprofit, tax-exempt corporation established in 1971 through the efforts of the Structural Engineers Association of California. ATC's mission is to develop state-of-the-art, user-friendly engineering resources and applications for use in mitigating the effects of natural and other hazards on the built environment. ATC also identifies and encourages needed research and develops consensus opinions on structural engineering issues in a non-proprietary format. ATC thereby fulfills a unique role in funded information transfer.

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Project management and administration are carried out by a full-time Executive Director and support staff. Project work is conducted by a wide range of highly qualified consulting professionals, thus incorporating the experience of many individuals from academia, research, and professional practice who would not be available from any single organization. Funding for ATC projects is obtained from government agencies and from the private sector in the form of tax-deductible contributions.

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FEMA Foreword

The Federal Emergency Management Agency (FEMA) is pleased to present the second edition of the widely used *Rapid Visual Screening of Buildings for Potential Seismic Hazards: A Handbook*, and its companion, *Supporting Documentation.* The policy of improving reports and manuals that deal with the seismic safety of existing buildings as soon as new information and adequate resources are available is thus being reaffirmed. Users should take note of some major differences between the two editions of the *Handbook*. The technical content of the new edition is based more on experiential data and less on expert judgment than was the case in the earlier edition, as is explained in the *Supporting Documentation*. From the presentational point of view, the *Handbook* retains much of the material of the earlier edition, but the material has been rather thoroughly rearranged to further facilitate the step-by-step process of conducting the rapid visual screening of a building. By far the most significant difference between the two editions, however, is the need for a higher level of engineering understanding and expertise on the part of the users of the second edition. This shift has been caused primarily by the difficulty experienced by users of the first edition in identifying the lateral-force-resisting system of a building without entry—a critical decision of the rapid visual screening process. The contents of the *Supporting Documentation* volume have also been enriched to reflect the technical advances in the *Handbook*.

FEMA and the Project Officer wish to express their gratitude to the members of the Project Advisory Panel, to the technical and workshop consultants, to the project management, and to the report production and editing staff for their expertise and dedication in the upgrading of these two volumes.

The Federal Emergency Management Agency

Preface

In August 1999 the Federal Emergency Management Agency (FEMA) awarded the Applied Technology Council (ATC) a two-year contract to update the FEMA 154 report, *Rapid Visual Screening of Buildings for Potential Seismic Hazards: A Handbook*, and the companion FEMA-155 report, *Rapid Visual Screening of Buildings for Potential Seismic Hazards: Supporting Documentation*, both of which were originally published in 1988.

The impetus for the project stemmed in part from the general recommendation in the FEMA 315 report, *Seismic Rehabilitation of Buildings: Strategic Plan 2005*, to update periodically all existing reports in the FEMA-developed series on the seismic evaluation and rehabilitation of existing buildings. In addition, a vast amount of information had been developed since 1988, including: (1) new knowledge about the performance of buildings during damaging earthquakes, including the 1989 Loma Prieta and 1994 Northridge earthquakes; (2) new knowledge about seismic hazards, including updated national seismic hazard maps published by the U. S. Geological Survey in 1996; (3) other new seismic evaluation and damage prediction tools, such as the FEMA 310 report, *Handbook for the Seismic Evaluation of Buildings – a Prestandard*, (an updated version of FEMA 178, *NEHRP Handbook for the Seismic Evaluation of Existing Buildings*), and HAZUS, FEMA's tool for estimating potential losses from natural disasters; and (4) experience from the widespread use of the original FEMA 154 *Handbook* by federal, state and municipal agencies, and others.

The project included the following tasks: (1) an effort to obtain users feedback, which was executed through the distribution of a voluntary FEMA 154 Users Feedback Form to organizations that had ordered or were known to have used FEMA 154 (the Feedback Form was also posted on ATC's web site); (2) a review of available information on the seismic performance of buildings, including a detailed review of the HAZUS fragility curves and an effort to correlate the relationship between results from the use of both the FEMA 154 rapid visual screening procedure and the FEMA 178 detailed seismic evaluation procedures on the same buildings; (3) a Users Workshop midway in the project to learn first hand the problems and successes of organizations that had used the rapid visual screening procedure on buildings under their jurisdiction; (4) updating of the original FEMA 154 *Handbook* to create the second edition; and (5) updating of the original FEMA 155 *Supporting Documentation* report to create the second edition.

This second edition of the FEMA 154 *Handbook* provides a standard rapid visual screening procedure to identify, inventory, and rank buildings that are potentially seismically hazardous. The scoring system has been revised, based on new information, and the *Handbook* has been shortened and focused to facilitate implementation. The technical basis for the rapid visual screening procedure, including a summary of results from the efforts to solicit user feedback, is documented in the companion second edition of the FEMA 155 report, *Rapid Visual Screening of Buildings for Potential Seismic Hazards: Supporting Documentation.*

ATC gratefully acknowledges the personnel involved in developing the second editions of the FEMA 154 and FEMA 155 reports. Charles Scawthorn served as Co-Principal Investigator and Project Director. He was assisted by Kent David, Vincent Prabis, Richard A. Ranous, and Nilesh Shome, who served as Technical Consultants. Members of the Project Advisory Panel, who provided overall review and guidance for the project, were: Thalia Anagnos, John Baals, James R. Cagley (ATC Board Representative), Melvyn Green, Terry Hughes, Anne S. Kiremidjian, Joan MacQuarrie, Chris D. Poland, Lawrence D. Reaveley, Doug Smits, and Ted Winstead. William T. Holmes served as facilitator for the Users Workshop, and Keith Porter served as recorder. Stephanie A. King verified the Basic Structural Hazard Scores and the Score Modifiers. A. Gerald Brady, Peter N. Mork, and Michelle Schwartzbach provided report editing and production services. The affiliations of these individuals are provided in the list of project participants.

ATC also gratefully acknowledges the valuable assistance, support, and cooperation provided by Ugo Morelli, FEMA Project Officer. In addition, ATC acknowledges participants in the

FEMA 154 Users Workshop, which included, in addition to the project personnel listed above, the following individuals: Al Berstein, U. S. Bureau of Reclamation; Amitabha Datta, General Services Administration; Ben Emam, Amazon.com; Richard K. Eisner, California Office of Emergency Services; Ali Fattah, City of San Diego; Brian Kehoe, Wiss Janney Elstner Associates, Inc.; David Leung, City and County of San Francisco; Douglas McCall, Marx/Okubo; Richard Silva, National Park Service; Howard Simpson, Simpson Gumpertz & Heger Inc.; Steven Sweeney, U. S. Army Civil Engineering Research Laboratory; Christine Theodooropoulos, University of Oregon; and Zan Turner, City and County of San Francisco. Those persons who responded to ATC's request to complete the voluntary FEMA 154 Users Feedback form are also gratefully acknowledged.

Christopher Rojahn, Principal Investigator
ATC Executive Director

Summary and Application

This FEMA 154 Report, *Rapid Visual Screening of Buildings for Potential Seismic Hazards: A Handbook,* is the first of a two-volume publication on a recommended methodology for rapid visual screening of buildings for potential seismic hazards. The technical basis for the methodology, including the scoring system and its development, are contained in the companion FEMA 155 report, *Rapid Visual Screening of Buildings for Potential Seismic Hazards: Supporting Documentation*. Both this document and the companion document are second editions of similar documents published by FEMA in 1988.

The rapid visual screening procedure (RVS) has been developed for a broad audience, including building officials and inspectors, and government agency and private-sector building owners (hereinafter, the "RVS authority"), to identify, inventory, and rank buildings that are potentially seismically hazardous. Although RVS is applicable to all buildings, its principal purpose is to identify (1) older buildings designed and constructed before the adoption of adequate seismic design and detailing requirements, (2) buildings on soft or poor soils, or (3) buildings having performance characteristics that negatively influence their seismic response. Once identified as potentially hazardous, such buildings should be further evaluated by a design professional experienced in seismic design to determine if, in fact, they are seismically hazardous.

The RVS uses a methodology based on a "sidewalk survey" of a building and a Data Collection Form, which the person conducting the survey (hereafter referred to as the screener) completes, based on visual observation of the building from the exterior, and if possible, the interior. The Data Collection Form includes space for documenting building identification information, including its use and size, a photograph of the building, sketches, and documentation of pertinent data related to seismic performance, including the development of a numeric seismic hazard score.

Once the decision to conduct rapid visual screening for a community or group of buildings has been made by the RVS authority, the screening effort can be expedited by pre-planning, including the training of screeners, and careful overall management of the process.

Completion of the Data Collection Form in the field begins with identifying the primary structural lateral-load-resisting system and structural materials of the building. Basic Structural Hazard Scores for various building types are provided on the form, and the screener circles the appropriate one. For many buildings, viewed only from the exterior, this important decision requires the screener to be trained and experienced in building construction. The screener modifies the Basic Structural Hazard Score by identifying and circling Score Modifiers, which are related to observed performance attributes, and which are then added (or subtracted) to the Basic Structural Hazard Score to arrive at a final Structural Score, *S*. The Basic Structural Hazard Score, Score Modifiers, and final Structural Score, *S*, all relate to the probability of building collapse, should severe ground shaking occur (that is, a ground shaking level equivalent to that currently used in the seismic design of new buildings). Final *S* scores typically range from 0 to 7, with higher *S* scores corresponding to better expected seismic performance.

Use of the RVS on a community-wide basis enables the RVS authority to divide screened buildings into two categories: those that are expected to have acceptable seismic performance, and those that may be seismically hazardous and should be studied further. An *S* score of 2 is suggested as a "cut-off", based on present seismic design criteria. Using this cut-off level, buildings having an *S* score of 2 or less should be investigated by a design professional experienced in seismic design.

The procedure presented in this *Handbook* is meant to be the preliminary screening phase of a multi-phase procedure for identifying potentially hazardous buildings. Buildings identified by this procedure must be analyzed in more detail by an experienced seismic design professional. Because rapid visual screening is designed to be performed from the street, with interior inspection not always possible, hazardous details will not always be visible, and seismically hazardous buildings may not be identified as such. Conversely, buildings initially identified as potentially hazardous by RVS may prove to be adequate.

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E-31	James Stratta
E-52	Ramsay/Sleeper *Architectural Graphic Standards,* Seventh Edition (1981). R.T. Packard, AIA, ed., John Wiley & Sons, New York.
Table D-2a	*A Field Guide to American Architecture* (1980), The New American Library, Inc., New York.
Table 3-1, Building Type PC1 (lower)	Earthquake Engineering Research Institute.
E-39	Anonymous, but greatly appreciated

Chapter 1
Introduction

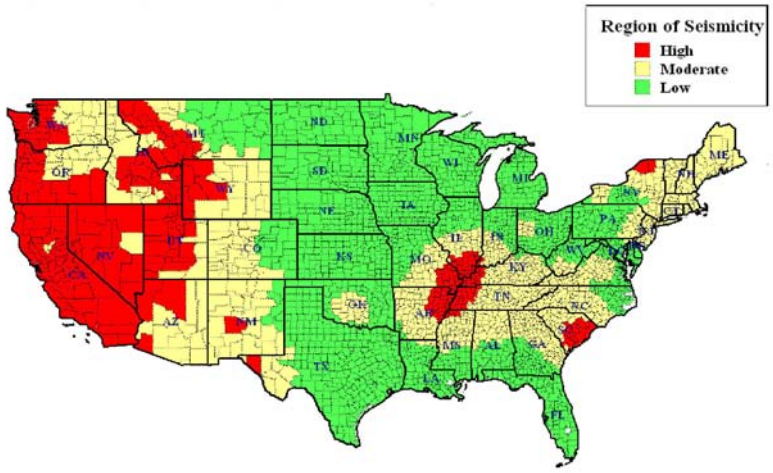
1.1 Background

Rapid visual screening of buildings for potential seismic hazards, as described herein, originated in 1988 with the publication of the FEMA 154 Report, *Rapid Visual Screening of Buildings for Potential Seismic Hazards: A Handbook*. Written for a broad audience ranging from engineers and building officials to appropriately trained nonprofessionals, the *Handbook* provided a "sidewalk survey" approach that enabled users to classify surveyed buildings into two categories: those acceptable as to risk to life safety or those that may be seismically hazardous and should be evaluated in more detail by a design professional experienced in seismic design.

During the decade following publication of the first edition of the FEMA 154 *Handbook*, the rapid visual screening (RVS) procedure was used by private-sector organizations and government agencies to evaluate more than 70,000 buildings nationwide (ATC, 2002). This widespread application provided important information about the purposes for which the document was used, the ease-of-use of the document, and perspectives on the accuracy of the scoring system upon which the procedure was based.

Concurrent with the widespread use of the document, damaging earthquakes occurred in California and elsewhere, and extensive research and development efforts were carried out under the National Earthquake Hazards Reduction Program (NEHRP). These efforts yielded important new data on the performance of buildings in earthquakes, and on the expected distribution, severity, and occurrence of earthquake-induced ground shaking.

The data and information gathered during the first decade after publication (experience in applying the original *Handbook*, new building earthquake performance data, and new ground shaking information) have been used to update and improve the rapid visual screening procedure provided in this second edition of the FEMA 154 Report, *Rapid Visual Screening of Buildings for Potential Seismic Hazards*: *A Handbook*. The revised RVS procedure retains the same framework and approach of the original procedure, but incorporates a revised scoring system compatible with the ground motion criteria in the FEMA 310 Report, *Handbook for Seismic Evaluation of Buildings—A Prestandard* (ASCE, 1998), and the damage estimation data provided in the recently developed FEMA-funded HAZUS damage and loss estimation methodology (NIBS, 1999). As in the original *Handbook*, a Data Collection Form is provided for each of three seismicity regions: low, moderate, and high. However, the boundaries of the low, moderate, and high seismicity regions in the original *Handbook* have been modified (Figure 1-1), reflecting new knowledge on the expected distribution, severity, and occurrence of earthquake ground shaking, and a change in the



Note: Seismicity regions are based on ground motions having a 2% probability of exceedance in 50 years.

Figure 1-1 High, moderate, and low seismicity regions of the conterminous United States. A different RVS Data Collection Form has been developed for each of these regions. Enlarged maps are available in Appendix A.

recurrence interval considered, from a 475-year average return period (corresponding to ground motions having a 10% probability of exceedance in 50 years) to a 2475-year average return period (corresponding to ground motions having a 2% probability of excedance in 50 years).

This second edition of the FEMA 154 *Handbook* has been shortened and focused to facilitate implementation. Other improvements include:

- guidance on planning and managing an RVS survey, including the training of screeners and the acquisition of data from assessor files and other sources to obtain more reliable information on age, structural system, and occupancy;
- more guidance for identifying the structural (lateral-load-resisting) system in the field;
- the use of interior inspection or pre-survey reviews of building plans to identify (or verify) a building's lateral-load-resisting system;
- updated Basic Structural Hazard Scores and Score Modifiers that are derived from analytical calculations and recently developed HAZUS fragility curves for the model building types considered by the RVS methodology;
- the use of new seismic hazard information that is compatible with seismic hazard criteria specified in other related FEMA documents (see Section 1.4 below); and
- a revised Data Collection Form that provides space for documenting soil type, additional options for documenting falling hazards, and an expanded list of occupancy types.

1.2 Screening Procedure Purpose, Overview, and Scope

The RVS procedure presented in this *Handbook* has been formulated to identify, inventory, and rank buildings that are potentially seismically hazardous. Developed for a broad audience that includes building officials and inspectors, government agencies, design professionals, private-sector building owners (particularly those that own or operate clusters or groups of buildings), faculty members who use the RVS procedure as a training tool, and informed appropriately trained, members of the public, the RVS procedure can be implemented relatively quickly and inexpensively to develop a list of potentially hazardous buildings without the high cost of a detailed seismic analysis of individual buildings. If a building receives a high score (i.e., above a specified cut-off score, as discussed later in this *Handbook*), the building is considered to have adequate seismic resistance. If a building receives a low score on the basis of this RVS procedure, it should be evaluated by a professional engineer having experience or training in seismic design. On the basis of this detailed inspection, engineering analyses, and other detailed procedures, a final determination of the seismic adequacy and need for rehabilitation can be made.

During the planning stage, which is discussed in Chapter 2, the organization that is conducting the RVS procedure (hereinafter, the "RVS authority") will need to specify how the results from the survey will be used. If the RVS authority determines that a low score automatically requires that further study be performed by a professional engineer, then some acceptable level of qualification held by the inspectors performing the screening will be necessary. RVS projects have a wide range of goals and they have constraints on budget, completion date and accuracy, which must be considered by the RVS authority as it selects qualification requirements of the screening personnel. Under most circumstances, a well-planned and thorough RVS project will require engineers to perform the inspections. In any case, the program should be overseen by a design professional knowledgeable in seismic design for quality assurance purposes.

The RVS procedure in this *Handbook* is designed to be implemented without performing structural analysis calculations. The RVS procedure utilizes a scoring system that requires the user to (1) identify the primary structural lateral-load-resisting system; and (2) identify building attributes that modify the seismic performance expected of this lateral-load-resisting system. The inspection, data collection, and decision-making process typically will occur at the building site, taking an average of 15 to 30 minutes per building (30 minutes to one hour if access to the interior is available). Results are recorded on one of three Data Collection Forms (Figure 1-2), depending on the seismicity of the region being surveyed. The Data Collection Form, described in greater detail in Chapter 3, includes space for documenting building identification information, including its use and size, a photograph of the building, sketches, and documentation of pertinent data related to seismic performance, including the development of a

numeric seismic hazard score. The scores are based on average expected ground shaking levels for the seismicity region as well as the seismic design and construction practices for that region[1]. Buildings may be reviewed from the sidewalk without the benefit of building entry, structural drawings, or structural calculations. Reliability and confidence in building attribute determination are increased, however, if the structural framing system can be verified during interior inspection, or on the basis of a review of construction documents.

The RVS procedure is intended to be applicable nationwide, for all conventional building types. Bridges, large towers, and other non-building structure types, however, are not covered by the procedure. Due to budget or other constraints, some RVS authorities may wish to restrict their RVS to identifying building types that they consider the most hazardous, such as unreinforced masonry or nonductile concrete buildings. However, it is recommended, at least initially, that all conventional building types be considered, and that elimination of certain building types from the screening be well documented and supported with office calculations and field survey data that justify their elimination. It is possible that, in some cases, even buildings designed to modern codes, such as those with configurations that induce extreme torsional response and those with abrupt changes in stiffness, may be potentially hazardous.

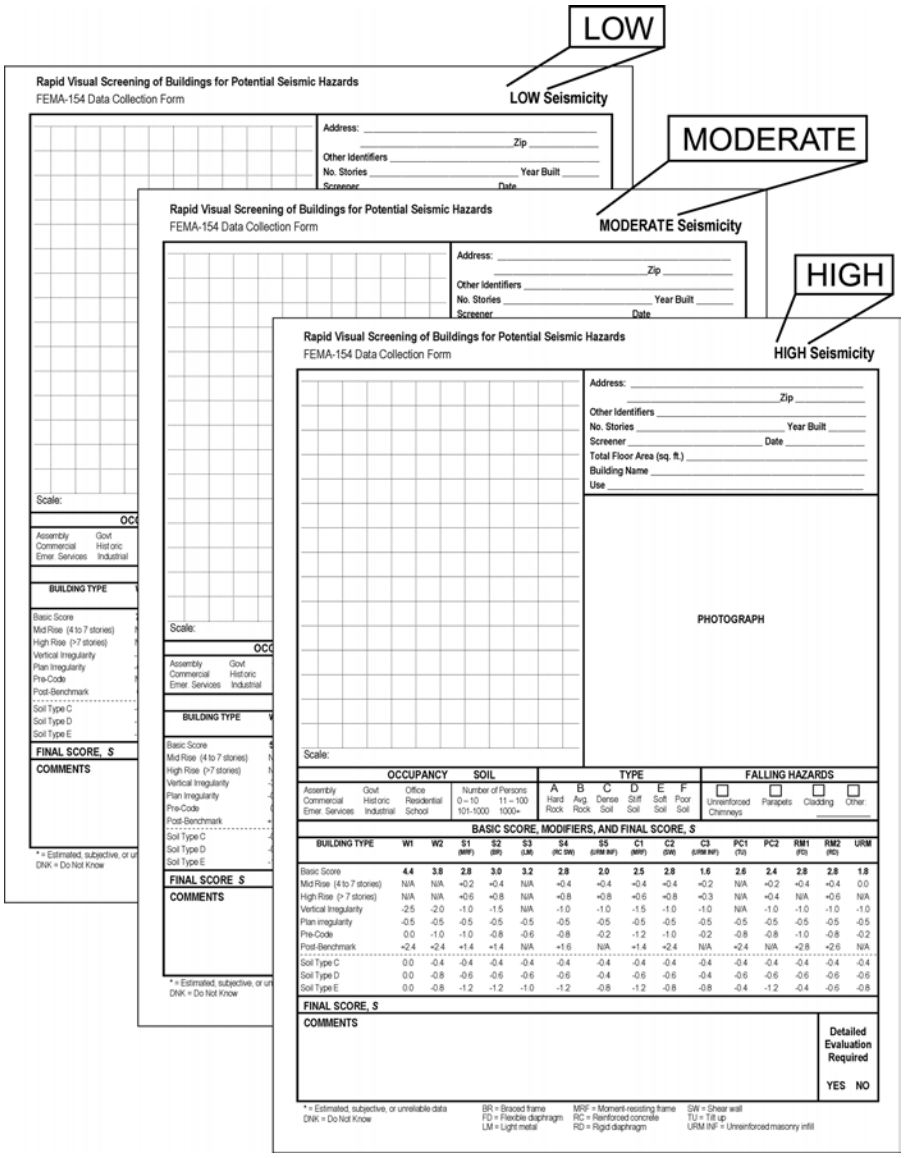


Figure 1-2 Data Collection Forms for the three designated seismicity regions (low, moderate, and high).

1.3 Companion FEMA 155 Report

A companion volume to this report, *Rapid Visual Screening of Buildings for Potential Seismic Hazards: Supporting Documentation (second edition)* (FEMA 155) documents the technical basis for the RVS procedure described in this *Handbook*, including the method for calculating the Basic Structural Scores and Score Modifiers. The FEMA 155 report (ATC, 2002) also summarizes other information considered during development of this *Handbook*, including the efforts to solicit user feedback and a FEMA 154 Users Workshop held in September 2000. The FEMA 155 document is available from FEMA by

[1] Seismic design and construction practices vary by seismicity region, with little or no seismic design requirements in low seismicity regions, moderate seismic design requirements in moderate seismicity regions, and extensive seismic design requirements in high seismicity regions. The requirements also vary with time, and are routinely updated to reflect new knowledge about building seismic performance.

dialing 1-800-480-2520 and should be consulted for any needed or desired supporting documentation.

1.4 Relationship of FEMA 154 to Other Documents in the FEMA Existing Building Series

The FEMA 154 *Handbook* has been developed as an integral and fundamental part of the FEMA report series on seismic safety of existing buildings. It is intended for use by design professionals and others to mitigate the damaging effects of earthquakes on existing buildings. The series includes:

- FEMA 154 (this handbook), which provides a procedure that can be rapidly implemented to identify buildings that are potentially seismically hazardous.
- FEMA 310, *Handbook for Seismic Evaluation of Buildings—A Prestandard* (ASCE, 1998), which provides a procedure to inspect in detail a given building to evaluate its seismic resisting capacity (an updated version of the FEMA 178 *NEHRP Handbook for the Seismic Evaluation of Existing Buildings* [BSSC, 1992]). The FEMA 310 Handbook is ideally suited for use on those buildings identified by the FEMA 154 RVS procedure as potentially hazardous.

  FEMA 310 is expected to be superseded in 2002 by ASCE 31, a standard of the American Society of Civil Engineers approved by the American National Standards Institute (ANSI). References in this *Handbook* to FEMA 310 should then refer to ASCE 31.
- FEMA 356, *Prestandard and Commentary for the Seismic Rehabilitation of Buildings* (ASCE, 2000), which provides recommended procedures for the seismic rehabilitation of buildings with inadequate seismic capacity, as determined, for example, by a FEMA 310 (or FEMA 178) evaluation. The FEMA 356 Prestandard is based on the guidance provided in the FEMA 273 *NEHRP Guidelines for the Seismic Rehabilitation of Buildings* (ATC, 1997a), and companion FEMA 274 *Commentary on the NEHRP Guidelines for the Seismic Rehabilitation of Buildings* (ATC, 1997b).

1.5 Uses of RVS Survey Results

While the principal purpose of the RVS procedure is to identify potentially seismically hazardous buildings needing further evaluation, results from RVS surveys can also be used for other purposes. These include: (1) ranking a community's (or agency's) seismic rehabilitation needs; (2) designing seismic hazard mitigation programs for a community (or agency); (3) developing inventories of buildings for use in regional earthquake damage and loss impact assessments; (4) planning postearthquake building safety evaluation efforts; and (5) developing building-specific seismic vulnerability information for purposes such as insurance rating, decision making during building ownership transfers, and possible triggering of remodeling requirements during the permitting process. Additional discussion on the use of RVS survey results is provided in Chapter 4.

1.6 How to Use this Handbook

The *Handbook* has been designed to facilitate the planning and execution of rapid visual screening. It is assumed that the RVS authority has already decided to conduct the survey, and that detailed guidance is needed for all aspects of the surveying process. Therefore, the main body of the *Handbook* focuses on the three principal activities in the RVS: planning, execution, and data interpretation. Chapter 2 contains detailed information on planning and managing an RVS. Chapter 3 describes in detail how the Data Collection Form should be completed, and Chapter 4 provides guidance on interpreting and using the results from the RVS. Finally, Chapter 5 provides several example applications of the RVS procedure on real buildings.

Relevant seismic hazard maps, full-sized Data Collection Forms, including a Quick Reference Guide for RVS implementation, guidance for reviewing design and construction drawings, and additional guidance for identifying a building's seismic lateral-load-resisting system from the street are provided in Appendices A, B, C, and D, respectively. Appendix E provides additional information on the building types considered in the RVS procedure, and Appendix F provides an overview of earthquake fundamentals, the seismicity of the United States, and earthquake effects.

Chapter 2

Planning and Managing Rapid Visual Screening

Once the decision to conduct rapid visual screening (RVS) for a community or group of buildings has been made by the RVS authority, the screening effort can be expedited by pre-planning and careful overall management of the process. This chapter describes the overall screening implementation sequence and provides detailed information on important pre-planning and management aspects. Instructions on how to complete the Data Collection Form are provided in Chapter 3.

2.1 Screening Implementation Sequence

There are several steps involved in planning and performing an RVS of potentially seismically hazardous buildings. As a first step, if it is to be a public or community project, the local governing body and local building officials should formally approve of the general procedure. Second, the public or the members of the community should be informed about the purpose of the screening process and how it will be carried out. There are also other decisions to be made, such as use of the screening results, responsibilities of the building owners and the community, and actions to be taken. Some of these decisions are specific to each community and therefore are not discussed in this *Handbook*.

The general sequence of implementing the RVS procedure is depicted in Figure 2-1. The implementation sequence includes:

- Budget development and cost estimation, recognizing the expected extent of the screening and further use of the gathered data;
- Pre-field planning, including selection of the area to be surveyed, identification of building types to be screened, selection and development of a record-keeping system, and compilation and development of maps that document local seismic hazard information;

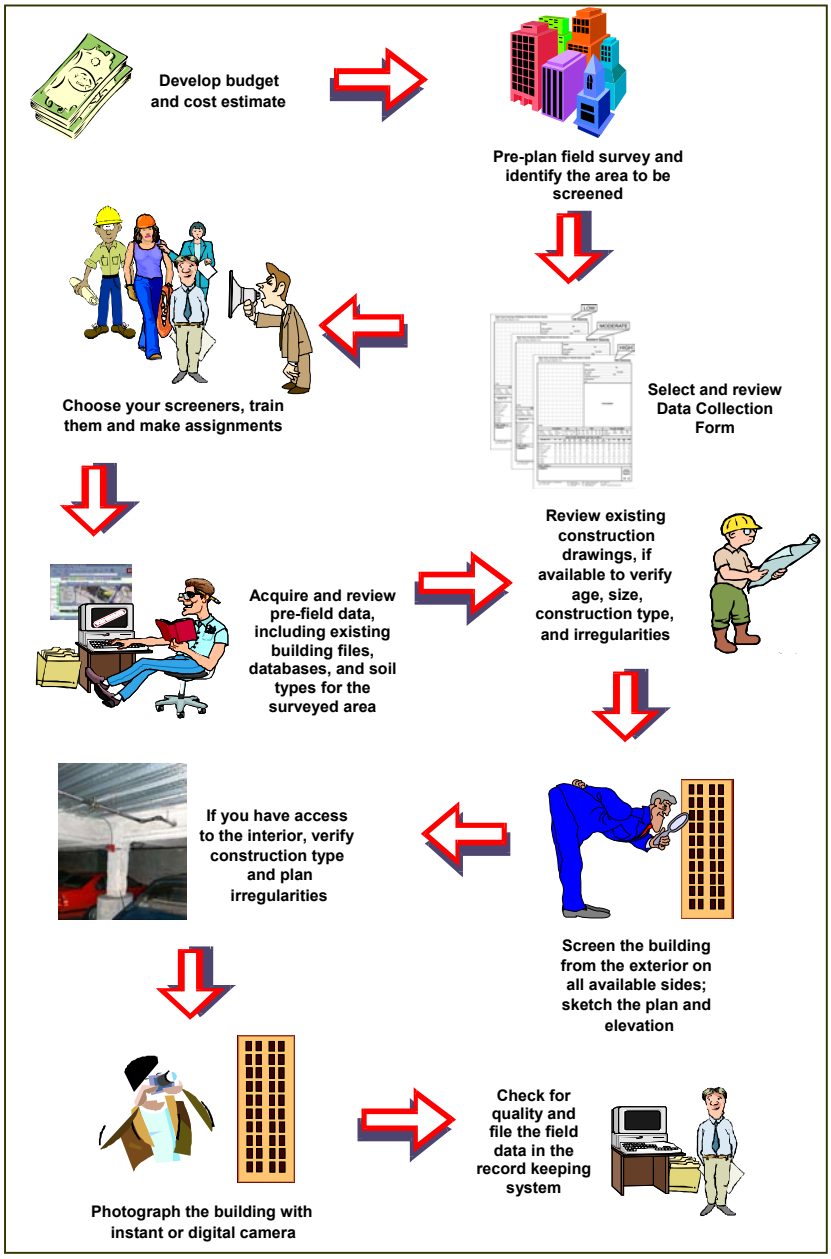


Figure 2-1 Rapid visual screening implementation sequence.

- Selection and review of the Data Collection Form;
- Selection and training of screening personnel;
- Acquisition and review of pre-field data; including review of existing building files and databases to document information identifying buildings to be screened (e.g., address, lot number, number of stories, design date) and identifying soil types for the survey area;
- Review of existing building plans, if available;
- Field screening of individual buildings (see Chapter 3 for details), which consists of:
    1. Verifying and updating building identification information,
    2. Walking around the building and sketching a plan and elevation view on the Data Collection Form,
    3. Determining occupancy (that is, the building use and number of occupants),
    4. Determining soil type, if not identified during the pre-planning process,
    5. Identifying potential nonstructural falling hazards,
    6. Identifying the seismic-lateral-load-resisting system (entering the building, if possible, to facilitate this process) and circling the Basic Structural Hazard Score on the Data Collection Form,
    7. Identifying and circling the appropriate seismic performance attribute Score Modifiers (e.g., number of stories, design date, and soil type) on the Data Collection Form,
    8. Determining the Final Score, *S* (by adjusting the Basic Structural Hazard Score with the Score Modifiers identified in Step 7), and deciding if a detailed evaluation is required, and
    9. Photographing the building; and
- Checking the quality and filing the screening data in the record-keeping system, or database.

2.2 Budget Development and Cost Estimation

Many of the decisions that are made about the level of detail documented during the rapid visual screening procedure will depend upon budget constraints. Although the RVS procedure is designed so field screening of each building should take no more than 15 to 30 minutes (30 minutes to one hour if access to the interior is obtained), time and funds should also be allocated for pre-field data collection. Pre-field data collection can be time consuming (10 to 30 minutes per building depending on the type of supplemental data available). However, it can be extremely useful in reducing the total field time and can increase the reliability of data collected in the field. A good example of this is the age, or design date, of a building. This might be readily available from building department files but is much more difficult to estimate from the street. Another issue to consider is travel time, if the distance between buildings to be screened is large. Because pre-field data collection and travel time could be a significant factor in budget allocations, it should be considered in the planning phase.

Other factors that should be considered in cost estimation are training of personnel and the development and administration of a record-keeping system for the screening process. The type of record keeping system selected will be a function of existing procedures and available funds as well as the ultimate goal of the screening. For example, if the screening is to be used solely for potential seismic damage estimation purposes, administrative costs will be different from those of a screening in which owners of low-scoring buildings must subsequently be notified, and compliance with ordinances is required.

2.3 Pre-Field Planning

The RVS authority may decide due to budget, time or other types of constraints, that priorities should be set and certain areas within the region should be surveyed immediately, whereas other areas can be surveyed at a later time because they are assumed to be less hazardous. An area may be selected because it is older and may have a higher density of potentially seismically hazardous buildings relative to other areas. For example an older part of the RVS authority region that consists mainly of commercial unreinforced masonry buildings may be of higher priority than a newer area with mostly warehouse facilities, or a residential section of a city consisting of wood-frame single-family dwellings.

Compiling and developing maps for the surveyed region is important in the initial planning phase as well as in scheduling of screeners. Maps of soil profiles, although limited, will be directly useful in the screening, and maps of landslide potential, liquefaction potential, and active faults

provide useful background information about the relative hazard in different areas. Maps of lots will be useful in scheduling screeners and, as data are collected, in identifying areas with large numbers of potentially hazardous buildings.

Another important phase of pre-field planning is interaction with the local design profession and building officials. Discussions should include verification of when certain aspects of seismic design and detailing were adopted and enforced. This will be used in adjusting the scoring system for local practices and specifying benchmark years.

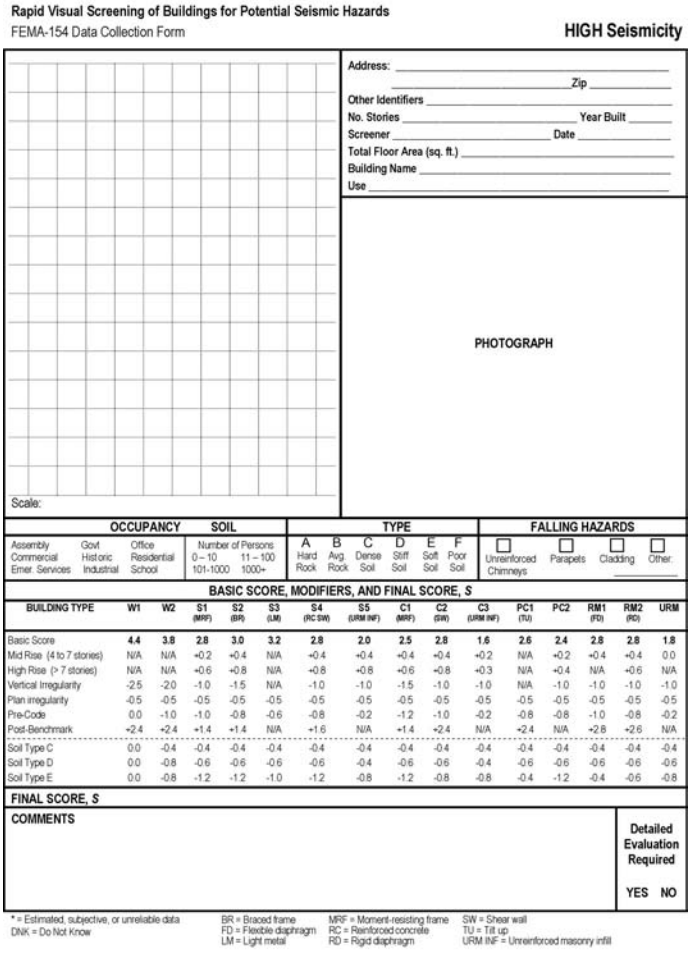
The record-keeping system will vary among RVS authorities, depending on needs, goals, budgets and other constraints, and may in fact consist of several systems. Part of this planning phase may include deciding how buildings are to be identified. Some suggestions are street address, assessor's parcel number, census tract, and lot number or owner. Consideration should be given to developing a computerized database containing location and other building information, which could easily be used to generate peel-off labels for the Data Collection Form, or to generate forms that incorporate unique information for each building.

The advantage of using a computerized record generation and collection system is that graphical data, such as sketches and photographs, are increasingly more easily converted to digital form and stored on the computer, especially if they are collected in digital format in the field. This can be facilitated through the use of personal digital assistants (PDAs), which would require the development of a FEMA 154 application, and the use of digital cameras.

If a computerized database is not used, microfilm is a good storage medium for original hard copy, because photographs, building plans, screening forms and subsequent follow-up documentation can be kept together and easily copied. Another method that has been used is to generate a separate hard-copy file for each building as it is screened. In fact, the screening form can be reproduced on a large envelope and all supporting material and photographs stored inside. This solves any problems associated with attaching multiple sketches and photographs, but the files grow rapidly and may become unmanageable.

2.4 Selection and Review of the Data Collection Form

There are three Data Collection Forms, one for each of the following three regions of seismicity: low (L), moderate (M), and high (H). Full-sized versions of each form are provided in Appendix B, along with a Quick Reference Guide that contains definitions and explanations for terms used on the Data Collection Form. Each Data Collection Form (see example, Figure 2-2) provides space to record the building identification information, draw a sketch of the building (plan and elevation views), attach a photograph of the building, indicate the occupancy, indicate the soil type, document the existence of falling hazards, develop a Final Structural Score, *S*, for the building, indicate if a detailed evaluation is required, and provide additional comments. The structural scoring system consists of a matrix of Basic Structural Hazard Scores (one for each building type and its associated seismic lateral-force-resisting system) and Score Modifiers to



Rapid Visual Screening of Buildings for Potential Seismic Hazards
FEMA-154 Data Collection Form — **HIGH Seismicity**

Address: _____
Zip _____
Other Identifiers _____
No. Stories _____ Year Built _____
Screener _____ Date _____
Total Floor Area (sq. ft.) _____
Building Name _____
Use _____

PHOTOGRAPH

Scale:

OCCUPANCY	SOIL	TYPE	FALLING HAZARDS
Assembly, Commercial, Emer. Services, Govt, Historic, Industrial, Office, Residential, School	Number of Persons: 0 – 10, 11 – 100, 101-1000, 1000+	A Hard Rock, B Avg. Rock, C Dense Soil, D Stiff Soil, E Soft Soil, F Poor Soil	☐ Unreinforced Chimneys, ☐ Parapets, ☐ Cladding, ☐ Other _____

BASIC SCORE, MODIFIERS, AND FINAL SCORE, *S*

BUILDING TYPE	W1	W2	S1 (MRF)	S2 (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM
Basic Score	4.4	3.8	2.8	3.0	3.2	2.8	2.0	2.5	2.8	1.6	2.6	2.4	2.8	2.8	1.8
Mid Rise (4 to 7 stories)	N/A	N/A	+0.2	+0.4	N/A	+0.4	+0.4	+0.4	+0.4	+0.2	N/A	+0.2	+0.4	+0.4	0.0
High Rise (> 7 stories)	N/A	N/A	+0.6	+0.8	N/A	+0.8	+0.8	+0.6	+0.8	+0.3	N/A	+0.4	N/A	+0.6	N/A
Vertical Irregularity	-2.5	-2.0	-1.0	-1.5	N/A	-1.0	-1.0	-1.5	-1.0	-1.0	N/A	-1.0	-1.0	-1.0	-1.0
Plan Irregularity	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
Pre-Code	0.0	-1.0	-1.0	-0.8	-0.6	-0.8	-0.2	-1.2	-1.0	-0.2	-0.8	-0.8	-1.0	-0.8	-0.2
Post-Benchmark	+2.4	+2.4	+1.4	+1.4	N/A	+1.6	N/A	+1.4	+2.4	N/A	+2.4	N/A	+2.8	+2.6	N/A
Soil Type C	0.0	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
Soil Type D	0.0	-0.8	-0.6	-0.6	-0.6	-0.6	-0.4	-0.6	-0.6	-0.4	-0.6	-0.6	-0.6	-0.6	-0.6
Soil Type E	0.0	-0.8	-1.2	-1.2	-1.0	-1.2	-0.8	-1.2	-0.8	-0.8	-0.4	-1.2	-0.4	-0.6	-0.8

FINAL SCORE, *S*

COMMENTS

Detailed Evaluation Required: YES NO

* = Estimated, subjective, or unreliable data
DNK = Do Not Know
BR = Braced frame, FD = Flexible diaphragm, LM = Light metal
MRF = Moment-resisting frame, RC = Reinforced concrete, RD = Rigid diaphragm
SW = Shear wall, TU = Tilt up, URM INF = Unreinforced masonry infill

Figure 2-2 Example RVS Data Collection Form (high seismicity).

account for observed attributes that modify seismic performance. The Basic Structural Hazard Scores and Score Modifiers are based on (1) design and construction practices in the region, (2) attributes known to decrease or increase seismic resistance capacity, and (3) maximum considered ground motions for the seismicity region under consideration. The Basic Structural Hazard Score, Score Modifiers, and Final Structural Score, *S*, all relate to the probability of building collapse, should the maximum ground motions considered by the RVS procedure occur at the site. Final *S* scores typically range from 0 to 7, with higher *S* scores corresponding to better seismic performance.

The maximum ground motions considered in the scoring system of the RVS procedure are consistent with those specified for detailed building seismic evaluation in the FEMA 310 Report, *Handbook for the Seismic Evaluation of Buildings—A Prestandard*. Such ground motions generally have a 2% chance of being exceeded in 50 years, and are multiplied by a 2/3 factor in the FEMA 310 evaluation procedures and in the design requirements for new buildings in FEMA 302, *Recommended Provisions for Seismic Regulations for New Buildings and Other Structures* (BSSC, 1997). (Ground motions having a 2% probability of being exceeded in 50 years are commonly referred to as the maximum considered earthquake (MCE) ground motions.)

2.4.1 Determination of Seismicity Region

To select the appropriate Data Collection Form, it is first necessary to determine the seismicity region in which the area to be screened is located. The seismicity region (H, M, or L) for the screening area can be determined by one of two methods:

1. Find the location of the surveyed region on the seismicity map of Figure 1-1, or one of the enlarged seismicity maps provided in Appendix A, and identify the corresponding seismicity region, or;
2. Access the U.S. Geological Survey web page (http://geohazards.cr.usgs.gov/eq/), select "Hazard by Zip Code" or "Hazard by Lat/Long" under the "Seismic Hazard" heading, enter the appropriate values of zip code or latitude and longitude, select the spectral acceleration value (SA) for a period of 0.2 seconds and the SA value for a period of 1.0 second, multiply the SA values by 2/3, and use the criteria of Table 2-1 to select the appropriate seismicity region, assuming that the highest seismicity level defined by the parameters in Table 2-1 shall govern.

   Use more recent additions of these maps when they become available.

The web site approach of Method 2, which uses seismicity region definitions used in other recently developed FEMA documents, is preferred as it enables the user to determine seismicity based on a more precisely specified location. In contrast, each county shown in Figure 1-1 is assigned its seismicity on the basis of the highest seismicity in that county, even though it may only apply to a small portion of the county.

Table 2-1 Regions of Seismicity with Corresponding Spectral Acceleration Response (from FEMA 310)

Region of Seismicity	*Spectral Acceleration Response, SA (short-period, or 0.2 sec)*	*Spectral Acceleration Response, SA (long-period or 1.0 sec)*
Low	less than 0.167 *g* (in horizontal direction)	less than 0.067 *g* (in horizontal direction)
Moderate	greater than or equal to 0.167 *g* but less than 0.500 g (in horizontal direction)	greater than or equal to 0.067 *g* but less than 0.200 g (in horizontal direction)
High	greater than or equal to 0.500 *g* (in horizontal direction)	greater than or equal to 0.200 *g* (in horizontal direction)

Notes: *g* = acceleration of gravity

2.4.2 Determination of Key Seismic Code Adoption Dates and Other Considerations

The Data Collection Form is meant to be a model that may be adopted and used as it is presented in this *Handbook*. The form may also be modified according to the needs of the RVS authority. Therefore, another aspect of the screening planning process is to review the Data Collection Form to determine if all required data are represented or if modifications should be made to reflect the needs and special circumstances of the authority. For example, an RVS authority may choose to define additional occupancy classes such as "parking structure" or "multi-family residential."

One of the key issues that must be addressed in the planning process is the determination of (1) the year in which seismic codes were initially

Table 2-2. Benchmark Years for RVS Procedure Building Types (based on FEMA 310)

Building Type	Model Building Seismic Design Provisions			
	BOCA	SBCC	UBC	NEHRP
W1: Light wood-frame residential and commercial buildings smaller than or equal to 5,000 square feet	1992	1993	1976	1985
W2: Light wood-frame buildings larger than 5,000 square feet	1992	1993	1976	1985
S1: Steel moment-resisting frame buildings	**	**	1994	**
S2: Braced steel frame buildings	1992	1993	1988	1991
S3: Light metal buildings	*	*	*	*
S4: Steel frame buildings with cast-in-place concrete shear walls	1992	1993	1976	1985
S5: Steel frame buildings with unreinforced masonry infill walls	*	*	*	*
C1: Concrete moment-resisting frame buildings	1992	1993	1976	1985
C2: Concrete shear-wall buildings	1992	1993	1976	1985
C3: Concrete frame buildings with unreinforced masonry infill walls	*	*	*	*
PC1: Tilt-up buildings	*	*	1997	*
PC2: Precast concrete frame buildings	*	*	*	*
RM1: Reinforced masonry buildings with flexible floor and roof diaphragms	*	*	1997	*
RM2: Reinforced masonry buildings with rigid floor and roof diaphragms	1992	1993	1976	1985
URM: Unreinforced masonry bearing-wall buildings	*	*	1991	*

*No benchmark year; **contact local building department for benchmark year.
BOCA: Building Officials and Code Administrators, *National Building Code*
SBCC: Southern Building Code Congress, *Standard Building Code*.
UBC: International Conference of Building Officials, *Uniform Building Code*
NEHRP: National Earthquake Hazard Reduction Program, *FEMA 302 Recommended Provisions for the Development of Seismic Regulations for New Buildings*

adopted and enforced by the local jurisdiction, and (2) the year in which significantly improved seismic codes were adopted and enforced (this latter year is known as the benchmark year). In high and moderate seismicity regions, the Basic Structural Hazard Scores for the various building types are calculated for buildings built after the initial adoption of seismic codes, but before substantially improved codes were adopted. For these regions, Score Modifiers designated as "Pre Code" and "Post Benchmark" are provided, respectively, for buildings built before the adoption of codes and for buildings built after the adoption of substantially improved codes. In low seismicity regions, the Basic Structural Hazard Scores are calculated for buildings built before the initial adoption of seismic codes. For buildings in these regions, the Score Modifier designated as "Pre Code" is not applicable (N/A), and the Score Modifier designated as "Post Benchmark" is applicable for buildings built after the adoption of seismic codes.

Therefore, as part of this review process, the RVS authority should identify (1) the year in which seismic codes were first adopted and enforced in the area to be screened, (2) the "benchmark" year in which significantly improved seismic code requirements were adopted for each building type considered by the RVS procedure (see Table 2-2), and (3) the year in which the community adopted seismic anchorage requirements for heavy cladding. If the RVS authority in high and moderate seismicity regions is unsure of the year(s) in which codes were initially adopted, the default year for all but one building type is 1941 (the default year specified in the HAZUS criteria; NIBS, 1999). The one exception is PC1 (tilt-up) buildings, for which it is assumed that seismic codes were initially adopted in 1973, the year in which wall-diaphragm (ledger) connection requirements first appeared in the *Uniform Building Code* (ICBO, 1973).

During the review of the Data Collection Form, the RVS authority should confer with the

1. Model Building Types and Critical Code Adoption and Enforcement Dates

Structure Types		Year Seismic Codes Initially Adopted and Enforced*	Benchmark Year When Codes Improved
W1	Light wood frame, residential or commercial, ≤ 5000 square feet	_____	_____
W2	Wood frame buildings, > 5000 square feet	_____	_____
S1	Steel moment-resisting frame	_____	_____
S2	Steel braced frame	_____	_____
S3	Light metal frame	_____	_____
S4	Steel frame with cast-in-place concrete shear walls	_____	_____
S5	Steel frame with unreinforced masonry infill	_____	_____
C1	Concrete moment-resisting frame	_____	_____
C2	Concrete shear wall	_____	_____
C3	Concrete frame with unreinforced masonry infill	_____	_____
PC1	Tilt-up construction	_____	_____
PC2	Precast concrete frame	_____	_____
RM1	Reinforced masonry with flexible floor and roof diaphragms	_____	_____
RM2	Reinforced masonry with rigid diaphragms	_____	_____
URM	Unreinforced masonry bearing-wall buildings	_____	_____

*Not applicable in regions of low seismicity

2. Anchorage of Heavy Cladding

Year in which seismic anchorage requirements were adopted: _____

Figure 2-3 Sections 1 and 2 of Quick Reference Guide (for use with Data Collection Form).

chief building official, plan checkers, and other design professionals experienced in seismic design to identify the years in which the affected jurisdiction initially adopted and enforced seismic codes (if ever) for the building lateral-force-resisting structural systems considered by the RVS procedure. Since municipal codes are generally adopted by the city council, another source for this information, in many municipalities, is the city clerk's office. In addition to determining the year in which seismic codes were initially adopted and enforced, the RVS authority should also determine (1) the benchmark years in which substantially improved seismic codes were adopted and enforced for the various lateral-load-resisting systems and (2) the year in which anchorage requirements for cladding were adopted and enforced. These dates should be inserted on the Quick Reference Guide (Appendix B) that has been created to facilitate the use of the Data Collection Form (see Figure 2-3).

During the Data Collection Form review process, it is critically important that the Basic Structural Hazard Scores and Score Modifiers, which are described in detail in Chapter 3, not be changed without input from professional engineers familiar with earthquake-resistant design and construction practices of the local community. A checklist of issues to be considered when reviewing the Data Collection Form is provided in Table 2-3.

Table 2-3 Checklist of Issues to be Considered During Pre-Field Work Review of the Data Collection Form

- ☐ Evaluate completeness of occupancy categories and appropriateness of occupancy loads
- ☐ Determine year in which seismic codes were initially adopted in the jurisdiction
- ☐ Determine "benchmark" years in which the jurisdiction adopted and enforced significantly improved seismic codes for the various building types considered by the RVS procedure
- ☐ Determine year in which the jurisdiction adopted and enforced anchorage requirements for heavy cladding

2.4.3 Determination of Cut-Off Score

Use of the RVS on a community-wide basis enables the RVS authority to divide screened buildings into two categories: those that are expected to have acceptable seismic performance, and those that may be seismically hazardous and

should be studied further. This requires that the RVS authority determine, preferably as part of the pre-planning process, an appropriate "cut-off" score.

An *S* score of 2 is suggested as a "cut-off", based on present seismic design criteria. Using this cut-off level, buildings having an *S* score of 2 or less should be investigated by a design professional experienced in seismic design (see Section 3.9, 4.1 and 4.2 for additional information on this issue).

2.5 Qualifications and Training for Screeners

It is anticipated that a training program will be required to ensure a consistent, high quality of the data and uniformity of decisions among screeners. Training should include discussions of lateral-force-resisting systems and how they behave when subjected to seismic loads, hw to use the Data Collection Form, what to look for in the field, and how to account for uncertainty. In conjunction with a professional engineer experienced in seismic design, screeners should simultaneously consider and score buildings of several different types and compare results. This will serve as a "calibration" for the screeners.

This process can easily be accomplished in a classroom setting with photographs of actual buildings to use as examples. Prospective screeners review the photographs and perform the RVS procedure as though they were on the sidewalk. Upon completion, the class discusses the results and students can compare how they did in relation to the rest of the class.

2.6 Acquisition and Review of Pre-Field Data

Information on the structural system, age or occupancy (that is, use) may be available from supplemental sources. These data, from assessor and building department files, insurance (Sanborn) maps, and previous studies, should be reviewed and collated for a given area before commencing the field survey for that area. It is recommended that this supplemental information either be written directly on the Data Collection Forms as it is retrieved or be entered into a computerized database. The advantage of a database is that selected information can be printed in a report format that can be taken into the field, or printed onto peel-off labels that can be affixed to the Data Collection Form (see Figure 2-4). In addition, screening data can be added to the databases and

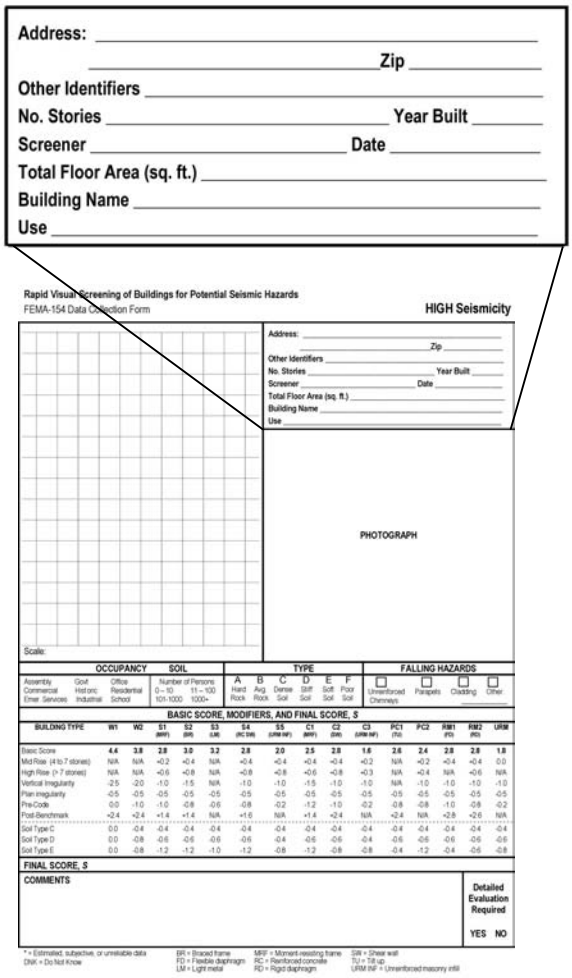


Figure 2-4 Building identification portion of RVS Data Collection Form.

used to generate maps and reports. Some sources of supplemental information are described in Sections 2.6.1 through 2.6.5.

2.6.1 Assessor's Files

Although assessor's files may contain information about the age of the building, the floor area and the number of stories, most information relates to ownership and assessed value of the land and improvements, and thus is of relatively little value for RVS purposes. The construction type indicated is often incorrect and in most cases should not be used. In addition, the age of a building retrieved from assessor's files may not, and most likely is not, the year that the structure was built. Usually assessor's files contain the year that the building was first eligible for taxation. Because the criteria for this may vary, the date may be several years after the building was designed or constructed. If no other source of information is available this will give a good estimate of the period during which the building

was constructed. However, this date should not be used to establish conclusively the code under which the a building was designed. Assessor's offices may have parcel or lot maps, which may be useful for locating sites or may be used as a template for sketching building adjacencies on a particular city block.

2.6.2 Building Department Files

The extent and completeness of information in building department files will vary from jurisdiction to jurisdiction. For example, in some locations all old files have been removed or destroyed, so there is no information on older buildings. In general, files (or microfilm) may contain permits, plans and structural calculations required by the city. Sometimes there is occupancy and use information, but little information about structural type will be found except from the review of plans or calculations.

2.6.3 Sanborn Maps

These maps, published primarily for the insurance industry since the late 1800s, exist for about 22,000 communities in the United States. The Sanborn Map Company stopped routinely updating these maps in the early 1960s, and many communities have not kept these maps up-to-date. Thus they may not be useful for newer construction. However, the maps may contain useful data for older construction. They can be found at the library or in some cases in building department offices. Figure 2-5 provides an example of an up-to-date Sanborn map Figure 2-6 shows a key to identifiers on Sanborn maps.

Information found on a Sanborn map includes:

- height of building,
- number of stories,
- year built,
- thickness of walls,
- building size (square feet),
- type of roof (tile, shingle, composite),
- building use (dwelling, store, apartment),
- presence of garage under structure, and
- structural type (wood frame, fireproof construction, adobe, stone, concrete).

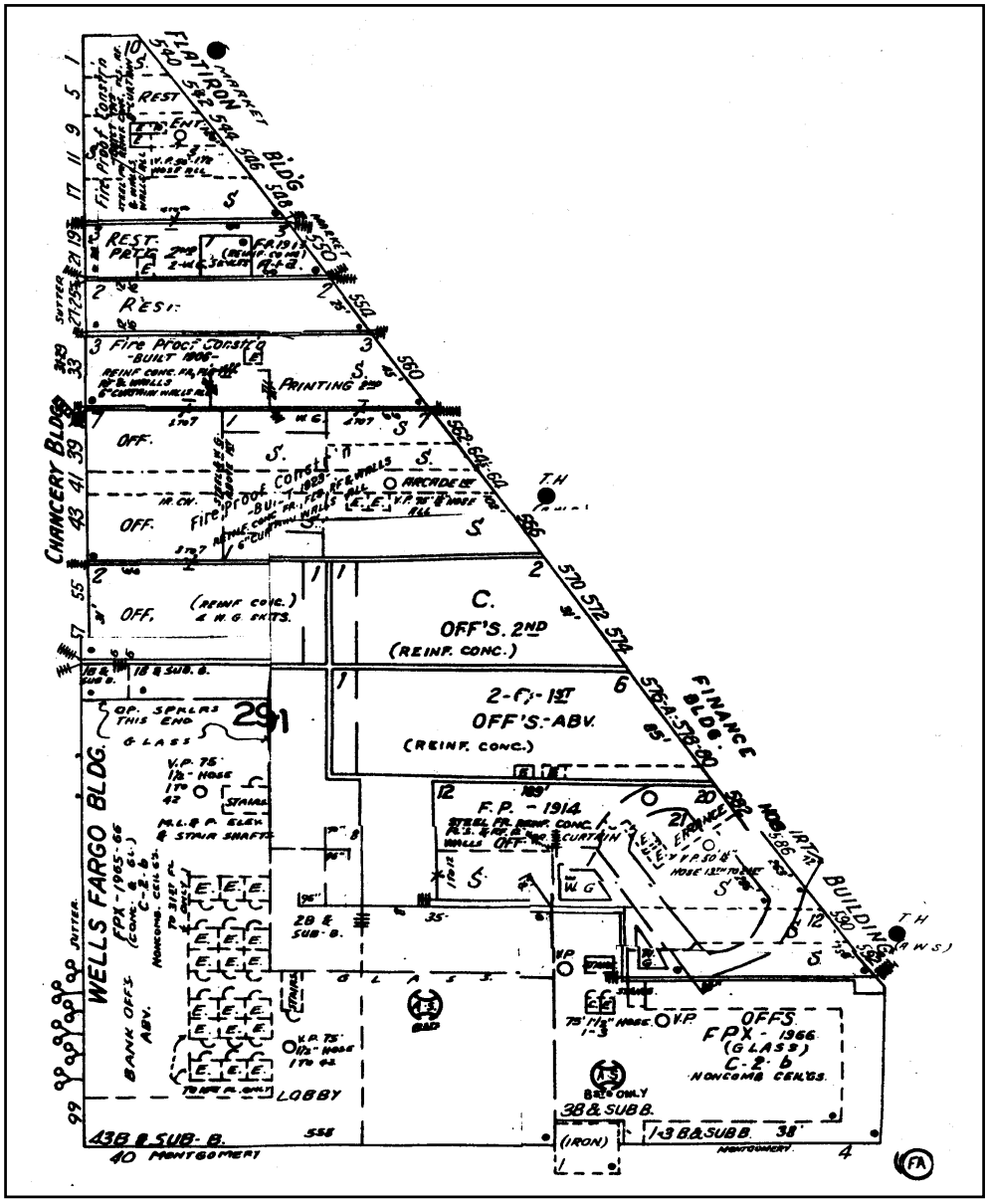


Figure 2-5 Example Sanborn map showing building information for a city block.

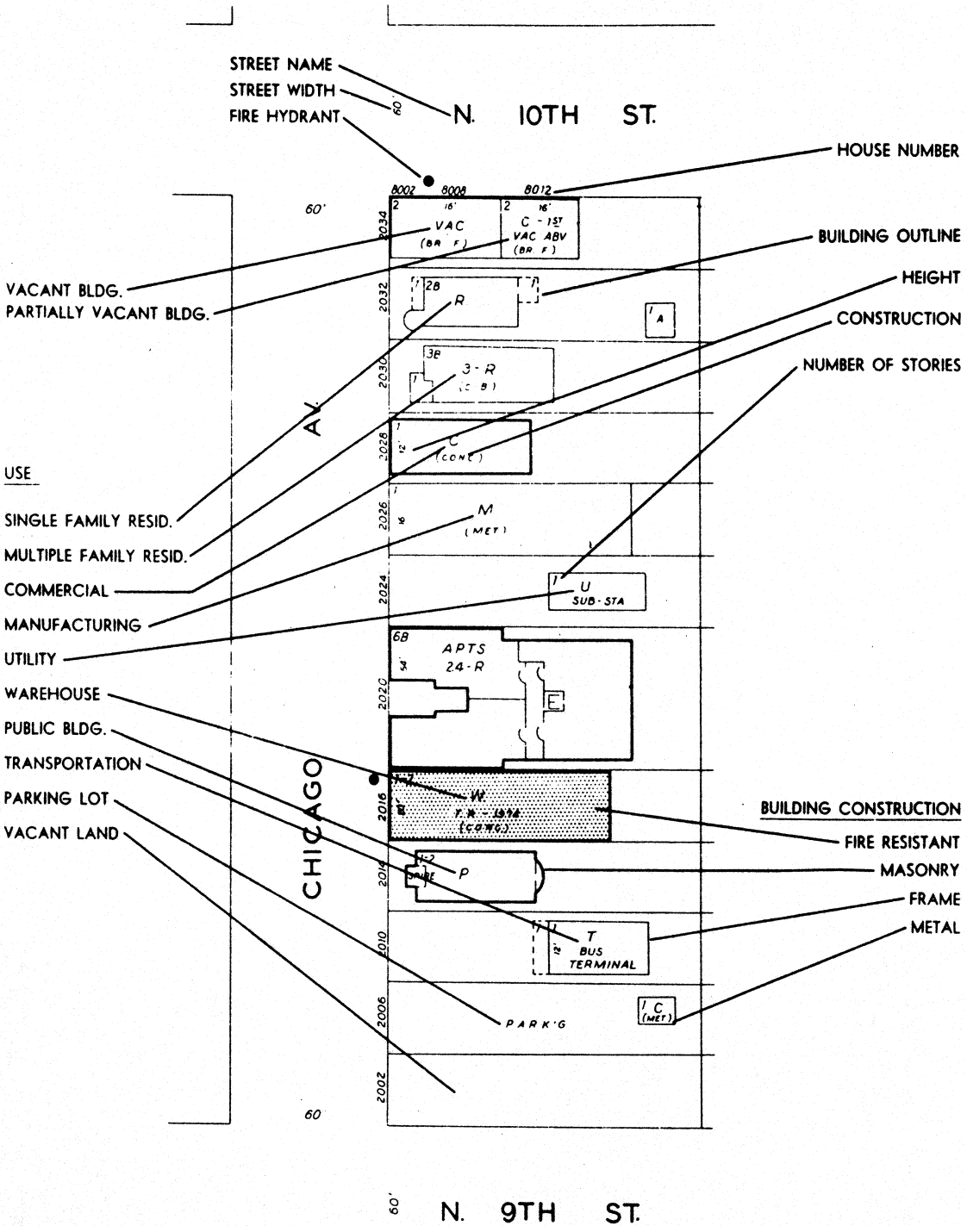
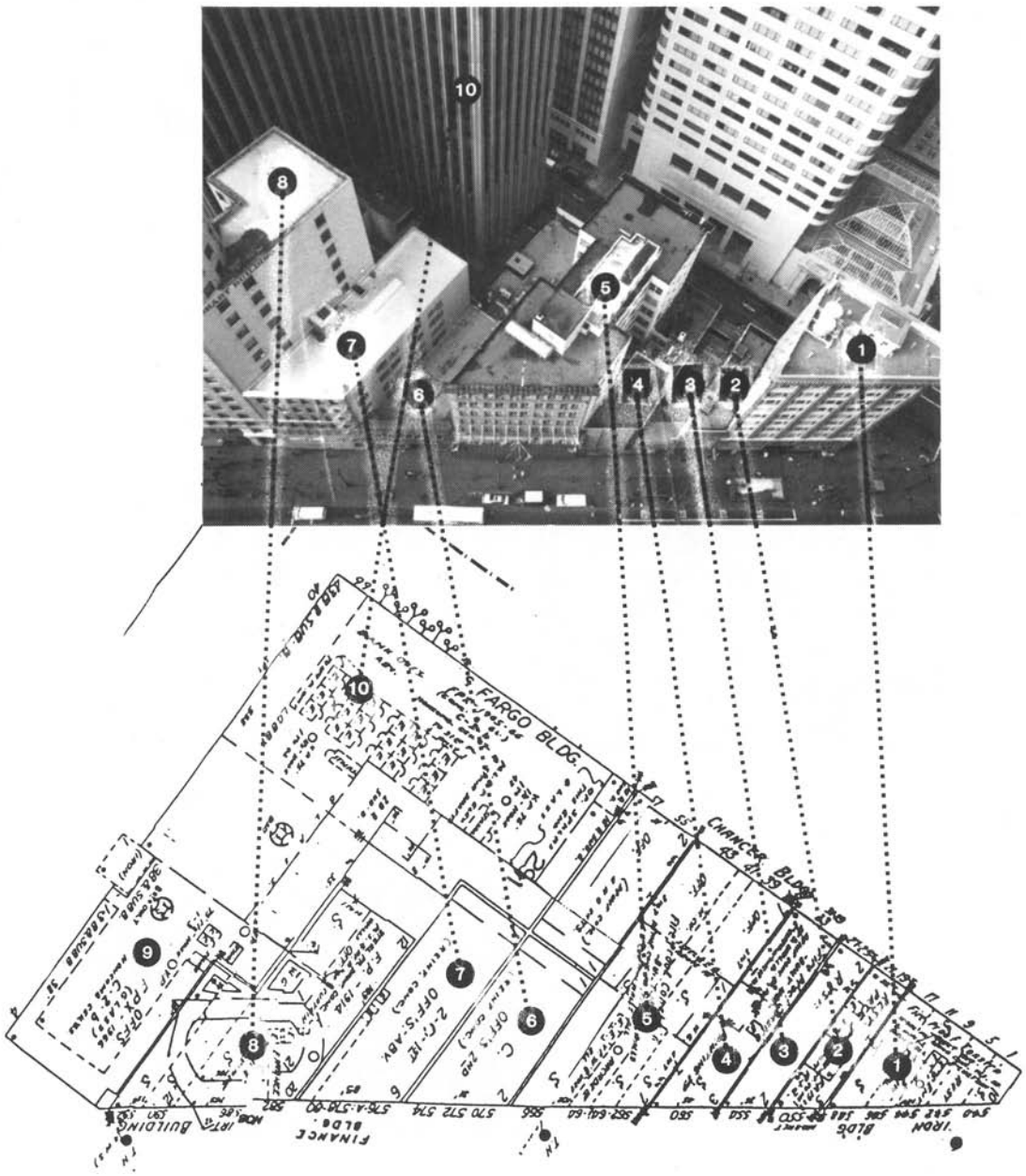


Figure 2-6 Key to Sanborn map symbols. Also, see the Internet, www.sanbornmap.com.

Parcel maps are also available and contain lot dimensions. If building size information cannot be obtained from another source such as the assessor's file, the parcel maps are particularly helpful for determining building dimensions in urban areas where buildings cover the entire lot. However, even if the building does not cover the entire lot, it will be easier to estimate building dimensions if the lot dimensions are known.

Figures 2-7 and 2-8 show a Sanborn map and photographs of a city block. Building descriptions obtained from the Sanborn maps are also included.



1. 10 story commercial office
2. 3 story commercial, built 1913
3. 2 story commercial
4. 3 story commercial, reinforced concrete frame, built 1906
5. 7 story commercial office, reinforced concrete frame, built 1923
6. 2 story commercial, reinforced concrete
7. 5 story commercial office, reinforced concrete
8. 20 story commercial office, steel frame with reinforced concrete, built 1914
9. 4 story commercial, built 1966
10. 40 story commercial office, built 1965-66, concrete and glass exterior

Figure 2-7 Sanborn map and corresponding aerial photograph of a city block.

Although the information on Sanborn maps may be useful, it is the responsibility of the screener to verify it in the field.

2.6.4 Municipal Databases

With the widespread use of the internet, many jurisdictions are creating "on-line" electronic databases for use by the general public. These databases provide general information on the various building sites within the jurisdiction. These databases are not detailed enough at this point in time to provide specific information about the buildings; they do, however, provide some good demographic information that could be of use. As the municipalities develop more comprehensive information, these databases will become more useful to the RVS screening. Figure 2-9 shows examples of the databases from two municipalities in the United States.

2.6.5 Previous Studies

In a few cases, previous building inventories or studies of hazardous buildings or hazardous non-structural elements (e.g., parapets) may have been performed. These studies may be limited to a particular structural or occupancy class, but they may contain useful maps or other relevant structural information and should be reviewed. Other important studies might address related seismic hazard issues such as liquefaction or landslide potential. Local historical societies may have published books or reports about older buildings in the community. Fire departments are often aware of the overall condition and composition of building interiors.

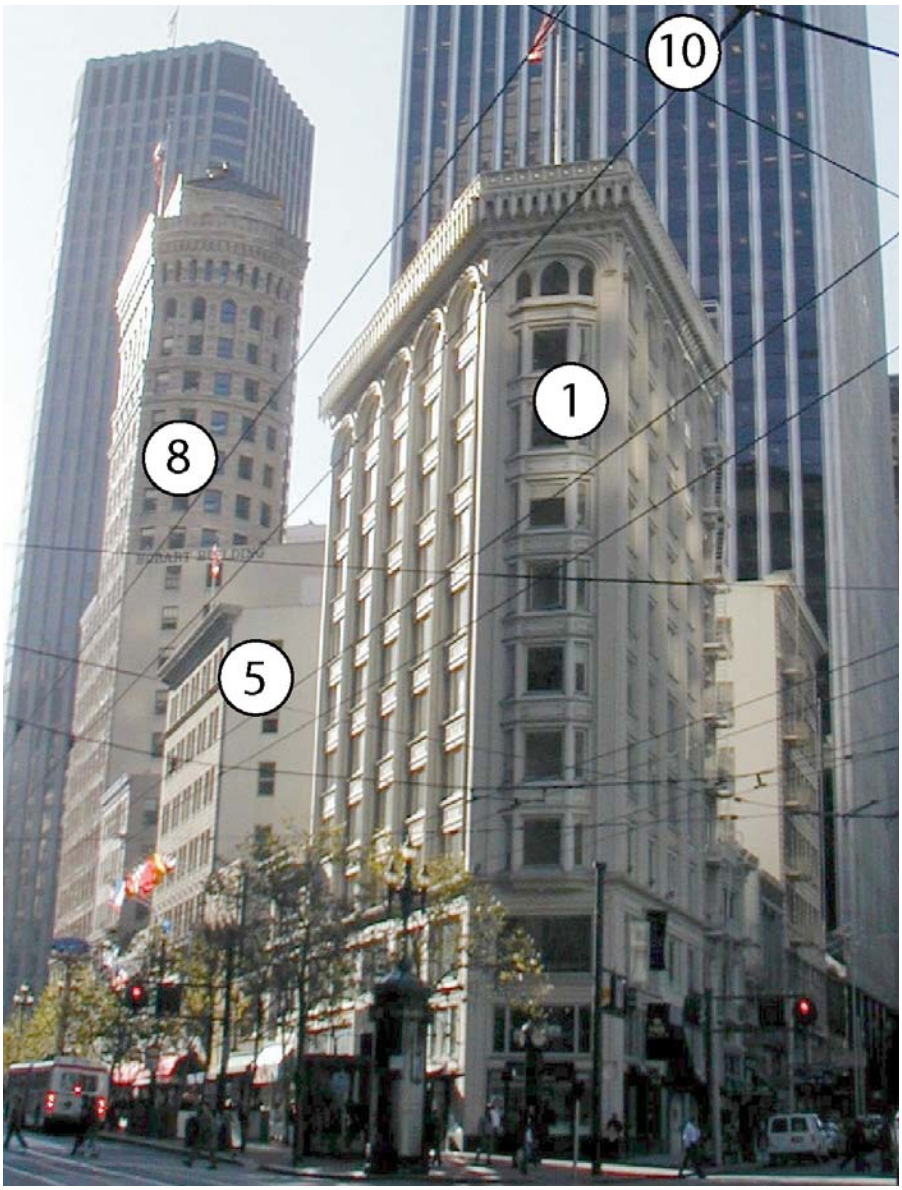
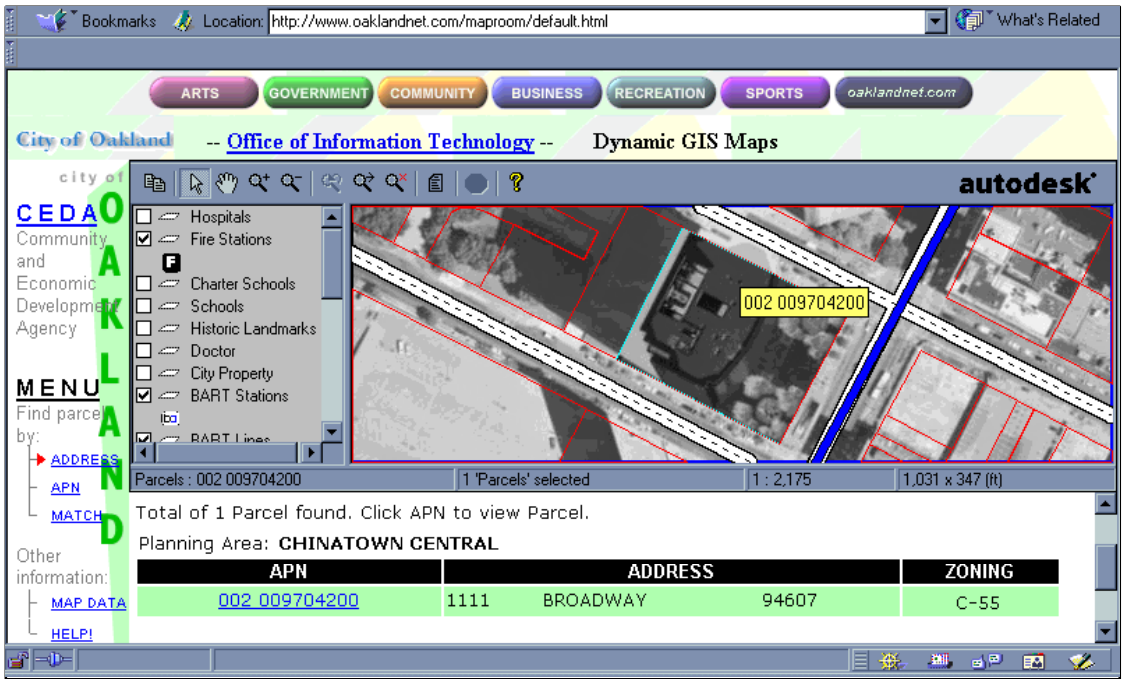


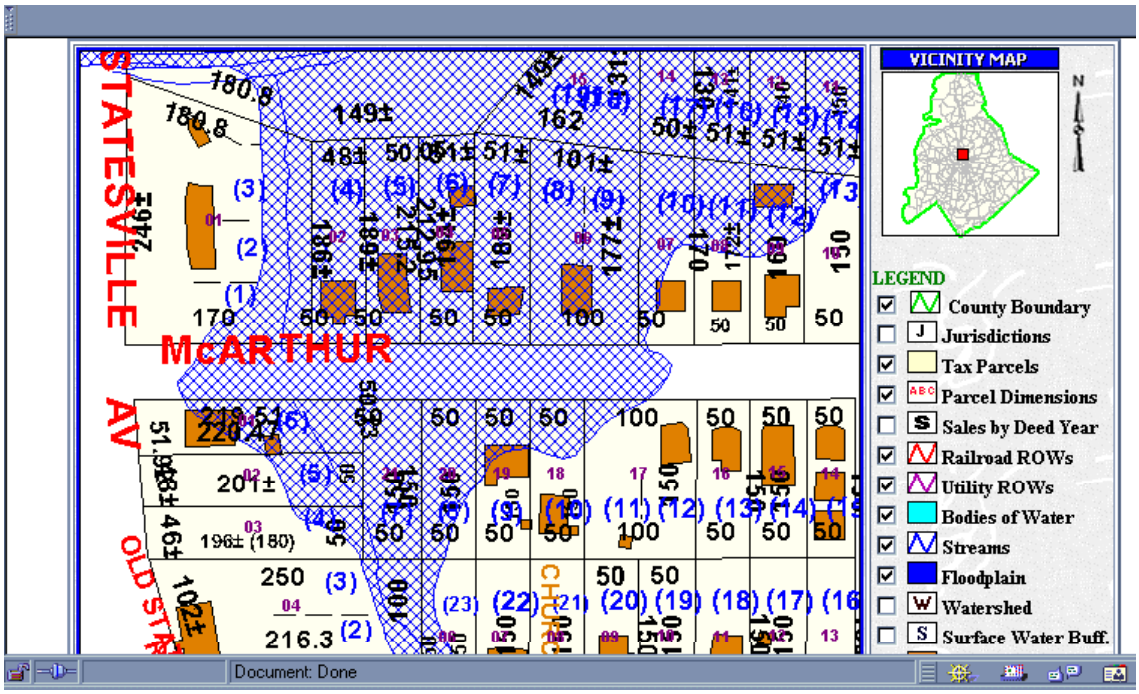
Figure 2-8 Photographs of elevation views of buildings shown in Figure 2-7.

2.6.6 Soils Information

Soil type has a major influence on amplitude and duration of shaking, and thus structural damage. Generally speaking, the deeper the soils at a site, the more damaging the earthquake motion will be. The six soil types considered in the RVS procedure are the same as those specified in the FEMA 302 report, *NEHRP Recommended Provisions for the Seismic Design of New Buildings and Other Structures* (BSSC, 1997): hard rock (type A); average rock (type B); dense soil (type C), stiff soil (type D); soft soil (type E), and poor soil (type F). Additional information on these soil types and how to identify



City of Oakland, California



Mecklenburg County, North Carolina

Figure 2-9 Examples of in-house screen displays of municipal databases.

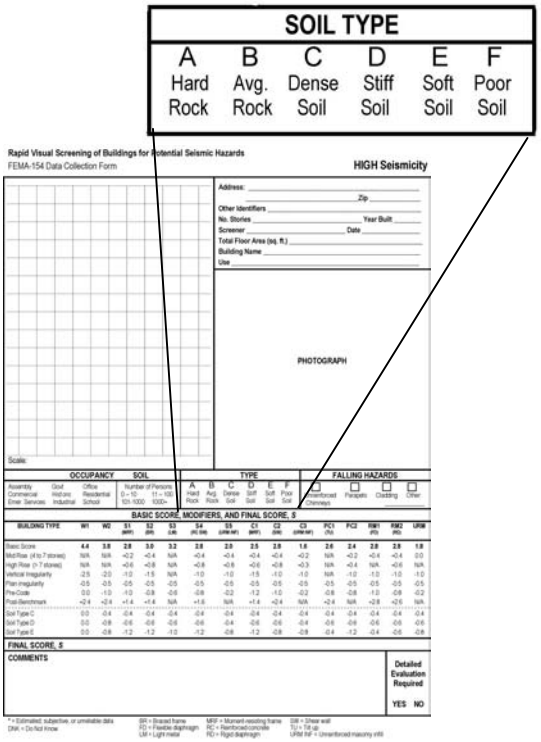


Figure 2-10 Location on Data Collection Form where soil type information is recorded.

them are provided in the side bar. Buildings on soil type F cannot be screened effectively by the RVS procedure, other than to recommend that buildings on this soil type be further evaluated by a geotechnical engineer and design professional experienced in seismic design.

Since soil conditions cannot be readily identified by visual methods in the field, geologic and geotechnical maps and other information should be collected during the planning stage and put into a readily usable map format for use during RVS. During the screening, or the planning stage, this soil type should also be documented on the Data Collection Form by circling the correct soil type, as designated by the letters A through F, (see Figure 2-10). If sufficient guidance or data are not available during the planning stage to classify the soil type as A through E, a soil type E should be assumed. However, for one-story or two-story buildings with a roof height equal to or less than 25 feet, a class D soil type may be assumed when site conditions are not known. (See the note in preceding paragraph regarding soil type F.)

Soil Type Definitions and Related Parameters

The six soil types, with measurable parameters that define each type, are:

Type A (hard rock): measured shear wave velocity, v_s > 5000 ft/sec.

Type B (rock): v_s between 2500 and 5000 ft/sec.

Type C (soft rock and very dense soil): v_s between 1200 and 2500 ft/sec, or standard blow count $N > 50$, or undrained shear strength $s_u >$ 2000 psf.

Type D (stiff soil): v_s between 600 and 1200 ft/sec, or standard blow count N between 15 and 50, or undrained shear strength, s_u between 1000 and 2000 psf.

Type E (soft soil): More than 100 feet of soft soil with plasticity index PI > 20, water content w > 40%, and $s_u <$ 500 psf; or a soil with $v_s \leq$ 600 ft/sec.

Type F (poor soil): Soils requiring site-specific evaluations:

- Soils vulnerable to potential failure or collapse under seismic loading, such as liquefiable soils, quick and highly-sensitive clays, collapsible weakly-cemented soils.
- Peats or highly organic clays (H > 10 feet of peat or highly organic clay, where H = thickness of soil.).
- Very high plasticity clays (H > 25 feet with PI > 75).
- More than 120 ft of soft or medium stiff clays.

The parameters v_s, N, and s_u are, respectively, the average values (often shown with a bar above) of shear wave velocity, Standard Penetration Test (SPT) blow count and undrained shear strength of the upper 100 feet of soils at the site.

2.7 Review of Construction Documents

Whenever possible, design and construction documents should be reviewed prior to the conduct of field work to help the screener identify the type of lateral-force- resisting system for each building. The review of construction documents to identify the building type substantially improves the confidence in this determination. As described in Section 3.7, the RVS procedure requires that each building be identified as one of 15 model building types[2]. Guidance for reviewing design and construction drawings is provided in Appendix C.

[2]The 15 model building types used in FEMA 154 are an abbreviated list of the 22 types now considered standard by FEMA; excluded from the FEMA 154 list are sub-classifications of certain framing types that specify that the roof and floor diaphragms are either rigid or flexible.

2.8 Field Screening of Buildings

RVS screening of buildings in the field should be carried out by teams consisting of two individuals. Teams of two are recommended to provide an opportunity to discuss issues requiring judgment and to facilitate the data collection process. If at all possible, one of the team members should be a design professional who can identify lateral-force-resisting systems.

Relatively few tools or equipment are needed. Table 2-4 contains a checklist of items that may be needed in performing an RVS as described in this *Handbook.*

2.9 Checking the Quality and Filing the Field Data in the Record-Keeping System

The last step in the implementation of rapid visual screening is checking the quality and filing the RVS data in the record-keeping system established for this purpose. If the data are to be stored in file folders or envelopes containing data for each building that was screened, or on microfilm, the process is straightforward, and requires careful organization. If the data are to be stored in digital form, it is important that the data input and verification process include either double entry of all data, or systematic in-depth review of print outs (item by item review) of all entered data.

It is also recommended that the quality review be performed under the oversight of a design professional with significant experience in seismic design.

Table 2-4 Checklist of Field Equipment Needed for Rapid Visual Screening

- ☐ Binoculars, if high-rise buildings are to be evaluated
- ☐ Camera, preferably instant or digital
- ☐ Clipboard for holding Data Collection Forms
- ☐ Copy of the FEMA 154 *Handbook*
- ☐ Laminated version of the Quick Reference Guide defining terms used on the Data Collection Form (see Appendix B)
- ☐ Pen or pencil
- ☐ Straight edge (optional for drawing sketches)
- ☐ Tape or stapler, for affixing photo if instant camera is used

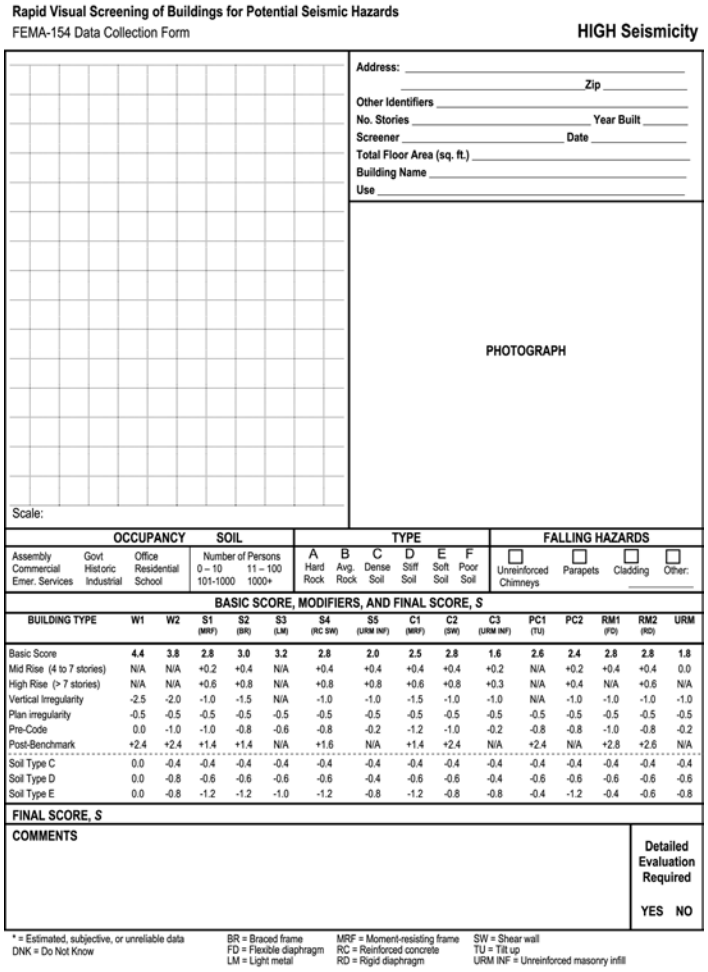
Chapter 3

Completing the Data Collection Form

3.1 Introduction

This chapter provides instructions on how to complete the Data Collection Form (Figure 3-1). It is assumed that the Data Collection Form has already been selected, based on the seismicity level of the area to be screened (as per Chapter 2). The Data Collection Form is completed for each building screened through execution of the following steps:

1. Verifying and updating the building identification information;
2. Walking around the building to identify its size and shape, and sketching a plan and elevation view on the Data Collection Form;
3. Determining and documenting occupancy;
4. Determining soil type, if not identified during the pre-planning process;
5. Identifying potential nonstructural falling hazards, if any, and indicating their existence on the Data Collection Form;
6. Identifying the seismic lateral-load resisting system (entering the building, if possible, to facilitate this process) and circling the related Basic Structural Hazard Score on the Data Collection Form;
7. Identifying and circling the appropriate seismic performance attribute Score Modifiers (e.g., number of stories, design date, and soil type) on the Data Collection Form;
8. Determining the Final Score, *S* (by adjusting the Basic Structural Hazard Score with the Score Modifiers identified in Step 7), and deciding if a detailed evaluation is required; and
9. Photographing the building and attaching the photo to the form (if an instant camera is used), or indicating a photo reference number on the form (if a digital camera is used).



Rapid Visual Screening of Buildings for Potential Seismic Hazards
FEMA-154 Data Collection Form
HIGH Seismicity

Address: _____ Zip _____
Other Identifiers _____
No. Stories _____ Year Built _____
Screener _____ Date _____
Total Floor Area (sq. ft.) _____
Building Name _____
Use _____

PHOTOGRAPH

Scale:

OCCUPANCY: Assembly; Commercial; Emer. Services; Govt; Historic; Industrial; Office; Residential; School; Number of Persons: 0 – 10, 11 – 100, 101-1000, 1000+
SOIL: A Hard Rock; B Avg. Rock; C Dense Soil; D Stiff Soil; E Soft Soil; F Poor Soil
TYPE
FALLING HAZARDS: Unreinforced Chimneys; Parapets; Cladding; Other:

BASIC SCORE, MODIFIERS, AND FINAL SCORE, *S*

BUILDING TYPE	W1	W2	S1 (MRF)	S2 (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM
Basic Score	4.4	3.8	2.8	3.0	3.2	2.8	2.0	2.5	2.8	1.6	2.6	2.4	2.8	2.8	1.8
Mid Rise (4 to 7 stories)	N/A	N/A	+0.2	+0.4	N/A	+0.4	+0.4	+0.4	+0.4	+0.2	N/A	+0.2	+0.4	+0.4	0.0
High Rise (> 7 stories)	N/A	N/A	+0.6	+0.8	N/A	+0.8	+0.8	+0.6	+0.8	+0.3	N/A	+0.4	N/A	+0.6	N/A
Vertical Irregularity	-2.5	-2.0	-1.0	-1.5	N/A	-1.0	-1.0	-1.5	-1.0	-1.0	N/A	-1.0	-1.0	-1.0	-1.0
Plan irregularity	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
Pre-Code	0.0	-1.0	-1.0	-0.8	-0.6	-0.8	-0.2	-1.2	-1.0	-0.2	-0.8	-0.8	-1.0	-0.8	-0.2
Post-Benchmark	+2.4	+2.4	+1.4	+1.4	N/A	+1.6	N/A	+1.4	+2.4	N/A	+2.4	N/A	+2.8	+2.6	N/A
Soil Type C	0.0	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
Soil Type D	0.0	-0.8	-0.6	-0.6	-0.6	-0.6	-0.4	-0.6	-0.6	-0.4	-0.6	-0.6	-0.6	-0.6	-0.6
Soil Type E	0.0	-0.8	-1.2	-1.2	-1.0	-1.2	-0.8	-1.2	-0.8	-0.8	-0.4	-1.2	-0.4	-0.6	-0.8

FINAL SCORE, *S*

COMMENTS

Detailed Evaluation Required YES NO

* = Estimated, subjective, or unreliable data
DNK = Do Not Know
BR = Braced frame; FD = Flexible diaphragm; LM = Light metal
MRF = Moment-resisting frame; RC = Reinforced concrete; RD = Rigid diaphragm
SW = Shear wall; TU = Tilt up; URM INF = Unreinforced masonry infill

Figure 3-1 Example RVS Data Collection Form (high seismicity).

Full-sized copies of the Data Collection Forms (one for each seismicity region) are provided in Appendix B, along with a Quick Reference Guide defining terms used on the Data Collection Form. The form has been designed to be filled out in a progressive manner, with a minimum of writing (most items simply can be circled).

Following are detailed instructions and guidance for each of the nine steps above.

3.2 Verifying and Updating the Building Identification Information

Space is provided in the upper right-hand portion of the Data Collection Form (see Figure 3-2) to document building identification information (i.e., address, name, number of stories, year built, and other data). As indicated in Chapter 2, it is desirable to develop and document this information during the pre-planning stage, if at all possible. This information may be entered manually, or be printed on a peel-off label.

Proper identification and location of the building is critically important for subsequent use in hazard assessment and mitigation by the RVS authority. As described in Chapter 2, the authority may prefer to identify and file structures by street address, parcel number, building owner, or some other scheme. However, it is recommended that as a minimum the street address and zip code be recorded on the form. Zip code is important because it is universal to all municipalities, is an especially useful item for later collation and summary analyses. Assessor parcel number or lot number is also useful for jurisdictional record-keeping purposes.

Assuming the identification information is provided on a peel-off label, which is then affixed to the form, or preprinted directly on the form, such information should be verified in the field. If the building identification data are not developed during the pre-planning stage, it must be completed in the field. Documentation of the building address information and name, if it exists, is straightforward. Following is guidance and discussion pertaining to number of stories, year built, identification of the screener, and estimation of total floor area.

3.2.1 Number of Stories

The height of a structure is sometimes related to the amount of damage it may sustain. On soft soils, a tall building may experience considerably stronger and longer duration shaking than a shorter building of the same type. The number of stories is a good indicator of the height of a building (approximately 9-to-10 feet per story for residential, 12 feet per story for commercial or office).

Counting the number of stories may not be a straightforward issue if the building is constructed on a hill or if it has several different roof levels. As a general rule, use the largest number (that is, count floors from the downhill side to the roof). In addition, the number of stories may not be unique. A building may be stepped or have a tower. Use the comment section and the sketch to indicate variations in the number of stories.

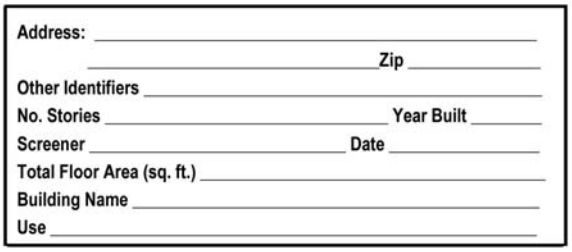


Figure 3-2 Portion of Data Collection Form for documenting building identification.

3.2.2 Year Built

This information is one of the key elements of the RVS procedure. Building age is tied directly to design and construction practices. Therefore, age can be a factor in determining building type and thus can affect the final scores. This information is not typically available at the site and thus should be included in pre-field data collection.

There may be no single "year built." Certain portions of the structure may have been designed and constructed before others. If this should be the case, the construction dates for each portion can be indicated in the comment section or on the sketch (see Section 3.3). Caution should also be used when interpreting design practices from date of construction. The building may have been designed several years before it was constructed and thus designed to an earlier code with different requirements for seismic detailing.

If information on "year built" is not available during the RVS pre-field data acquisition stage (see Section 2.6), a rough estimate of age will be made on the basis of architectural style and building use. This is discussed in more detail in Appendix D, which provides additional guidance on determining building attributes from streetside. If the year built is only an approximation, an asterisk is used to indicate the entry is estimated.

3.2.3 Screener Identification

The screener should be identified, by name, initials, or some other type of code. At some later time it may be important to know who the screener was for a particular building, so this information should not be omitted.

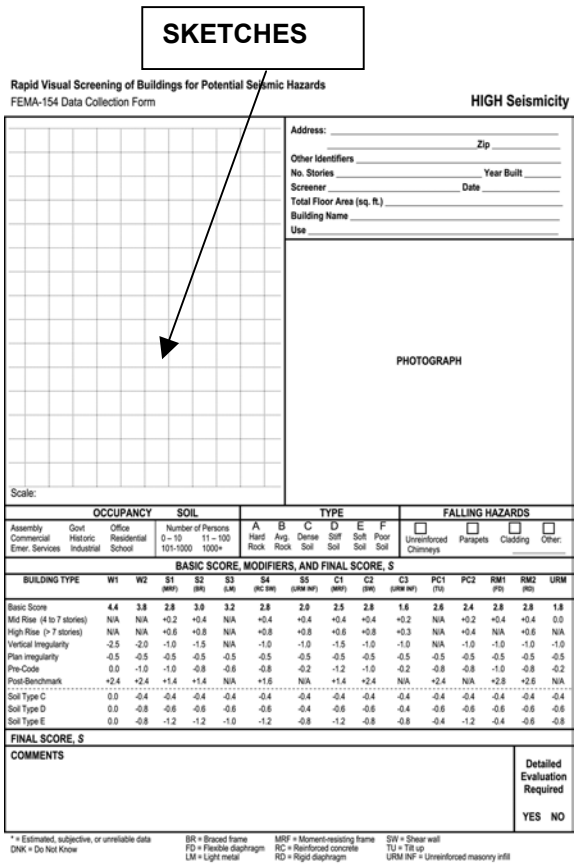


Figure 3-3 Sample Data Collection Form showing location for sketches of building plan and elevation views.

3.2.4 Total Floor Area

The total floor area, in some cases available from building department or assessor files (see Section 2.6), will most likely be estimated by multiplying the estimated area of one story by the total number of stories in the building. The length and width of the building can be paced off or estimated (during the planning stage) from Sanborn or other parcel maps. Total floor area is useful for estimating occupancy load (see Section 3.5.2) and may be useful at a later time for estimating the value of the building. Indicate with an asterisk when total floor area is estimated.

3.3 Sketching the Plan and Elevation Views

As a minimum, a sketch of the plan of the building should be drawn on the Data Collection Form (see Figure 3-3). An elevation may also be useful in indicating significant features. The sketches are especially important, as they reveal many of the building's attributes to the screener as the sketch is made. In other words, it forces the screener to systematically view all aspects of the building. The plan sketch should include the location of the building on the site and distance to adjacent buildings. One suggestion is to make the plan sketch from a Sanborn map as part of pre-field work (see Chapter 2), and then verify it in the field. This is especially valuable when access between buildings is not available. If all sides of the building are different, an elevation should be sketched for each side. Otherwise indicate that the sketch is typical of all sides. The sketch should note and emphasize special features such as existing significant cracks or configuration problems.

Dimensions should be included. As indicated in the previous section, the length and width of the building can be paced off or estimated (during the planning stage) from Sanborn or other parcel maps.

3.4 Determining Soil Type

As indicated in Section 2.6.6, soil type should be identified and documented on the Data Collection Form (see Figure 3-4) during the pre-field soils data acquisition and review phase. If soil type has not been determined as part of that process, it needs to be identified by the screener during the

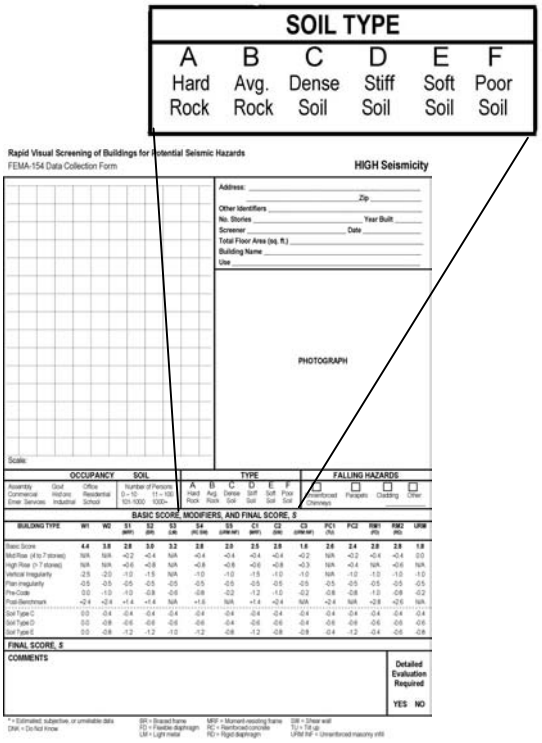


Figure 3-4 Location on Data Collection Form where soil type information is documented (circled).

building site visit. If there is no basis for classifying the soil type, a soil type E should be assumed. However, for one-story or two-story buildings with a roof height equal to or less than 25 feet, a class D soil type may be assumed when site conditions are not known.

3.5 Determining and Documenting Occupancy

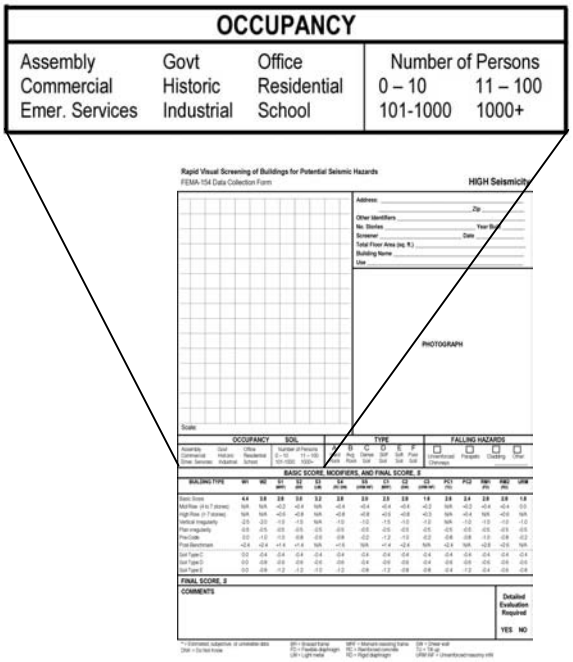
Two sets of information are needed relative to occupancy: (1) building use, and (2) estimated number of persons occupying the building.

3.5.1 Occupancy

Occupancy-related information is indicated by circling the appropriate information in the left-center portion of the form (see Figure 3-5). The occupancy of a building refers to its use, whereas the occupancy load is the number of people in the building (see Section 3.5.2). Although usually not bearing directly on the structural hazard or probability of sustaining major damage, the occupancy of a building is of interest and use when determining priorities for mitigation.

Nine general occupancy classes that are easy to recognize have been defined. They are listed on the form as Assembly, Commercial, Emergency Services (Emer. Services), Government (Govt), Historic, Industrial, Office, Residential, School buildings. These are the same classes used in the first edition of FEMA 154. They have been retained in this edition for consistency, they are easily identifiable from the street, they generally represent the broad spectrum of building uses in the United States, and they are similar to the occupancy categories in the *Uniform Building Code* (ICBO, 1997).

The occupancy class that best describes the building being evaluated should be circled on the form. If there are several types of uses in the building, such as commercial and residential, both should be circled. The actual use of the building may be written in the upper right hand portion of the form. For example, one might indicate that the building is a post office or a library on the line titled "use" in the upper right of the form (see Figure 3-2). In both of these cases, one would also circle "Govt". If none of the defined classes seem to fit the building, indicate the use in the upper right portion of the form (the building identification area) or include an explanation in the comments section. The nine occupancy classes are described below (with general indications of occupancy load):



- *Assembly.* Places of public assembly are those where 300 or more people might be gathered in one room at the same time. Examples are theaters, auditoriums, community centers, performance halls, and churches. (Occupancy load varies greatly and can be as much as 1 person per 10 sq. ft. of floor area, depending primarily on the condition of the seating—fixed versus moveable).
- *Commercial.* The commercial occupancy class refers to retail and wholesale businesses, financial institutions, restaurants, parking structures and light warehouses. (Occupancy load varies; use 1 person per 50 to 200 sq. ft.).
- *Emergency Services.* The emergency services class is defined as any facility that would likely be needed in a major catastrophe. These include police and fire stations, hospitals, and communications centers. (Occupancy load is typically 1 person per 100 sq. ft.).
- *Government.* This class includes local, state and federal non-emergency related buildings (Occupancy load varies; use 1 person per 100 to 200 sq. ft.).
- *Historic.* This class will vary from community to community. It is included because historic buildings may be subjected to specific ordinances and codes.

- *Industrial.* Included in the industrial occupancy class are factories, assembly plants, large warehouses and heavy manufacturing facilities. (Typically, use 1 person per 200 sq. ft. except warehouses, which are perhaps 1 person per 500 sq. ft.).
- *Office.* Typical office buildings house clerical and management occupancies (use 1 person per 100 to 200 sq. ft.).
- *Residential.* This occupancy class refers to residential buildings such as houses, townhouses, dormitories, motels, hotels, apartments and condominiums, and residences for the aged or disabled. (The number of persons for residential occupancies varies from about 1 person per 300 sq. ft. of floor area in dwellings, to perhaps 1 person per 200 sq. ft. in hotels and apartments, to 1 per 100 sq. ft. in dormitories).
- *School.* This occupancy class includes all public and private educational facilities from nursery school to university level. (Occupancy load varies; use 1 person per 50 to 100 sq. ft.).

When occupancy is used by a community as a basis for setting priorities for hazard mitigation purposes, the upgrade of emergency services buildings is often of highest priority. Some communities may have special design criteria governing buildings for emergency services. This information may be used to add a special Score Modifier to increase the score for specially designed emergency buildings.

3.5.2 Occupancy Load

Like the occupancy class or use of the building, the occupancy load may be used by an RVS authority in setting priorities for hazard mitigation plans. The community may wish to upgrade buildings with more occupants first. As can be seen from the form (Figure 3-5), the occupancy load is defined in ranges such as 1-10, 11-100, 101-1000, and 1000+ occupants. The range that best describes the average occupancy of the building is circled. For example, if an office building appears to have a daytime occupancy of 200 persons, and an occupancy of only one or two persons otherwise, the maximum occupancy load is 101-1000 persons. If the occupancy load is estimated from building size and use, an inserted asterisk will automatically indicate that these are approximate data.

3.6 Identifying Potential Nonstructural Falling Hazards

Nonstructural falling hazards such as chimneys, parapets, cornices, veneers, overhangs and heavy cladding can pose life-safety hazards if not adequately anchored to the building. Although these hazards may be present, the basic lateral-load system for the building may be adequate and require no further review. A series of four boxes have been included to indicate the presence of nonstructural falling hazards (see Figure 3-6). The falling hazards of major concern are:

- *Unreinforced Chimneys.* Unreinforced masonry chimneys are common in older masonry and wood-frame dwellings. They are often inadequately tied to the house and fall when strongly shaken. If in doubt as to whether a chimney is reinforced or unreinforced, assume it is unreinforced.
- *Parapets*. Unbraced parapets are difficult to identify from the street as it is sometimes difficult to tell if a facade projects above the roofline. Parapets often exist on three sides of the building, and their height may be visible from the back of the structure.
- *Heavy Cladding*. Large heavy cladding elements, usually precast concrete or cut

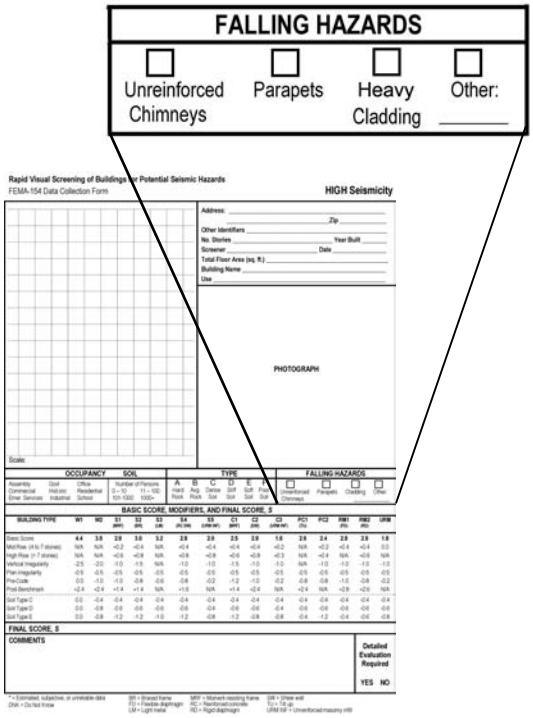


Figure 3-6 Portion of Data Collection Form for documenting nonstructural falling hazards.

stone, may fall off the building during an earthquake if improperly anchored. The loss of panels may also create major changes to the building stiffness (the elements are considered nonstructural but often contribute substantial stiffness to a building), thus setting up plan irregularities or torsion when only some fall. (Glass curtain walls are not considered as heavy cladding in the RVS procedure.) The existence of heavy cladding is of concern if the connections were designed and installed before the jurisdiction adopted seismic anchorage requirements (normally twice that for gravity loads). The date of such code adoption will vary with jurisdiction and should be established by an experienced design professional in the planning stages of the RVS process (see Section 2.4.2).

If any of the above nonstructural falling hazards exist, the appropriate box should be checked. If there are any other falling hazards, the "Other" box should be checked, and the type of hazard indicated on the line beneath this box. Use the comments section if additional space is required.

The RVS authority may later use this information as a basis for notifying the owner of potential problems.

3.7 Identifying the Lateral-Load-Resisting System and Documenting the Related Basic Structural Score

The RVS procedure is based on the premise that the screener will be able to determine the building's lateral-load-resisting system from the street, or to eliminate all those that it cannot possibly be. It is further assumed that the lateral-load-resisting system is one of fifteen types that have been observed to be prevalent, based on studies of building stock in the United States. The fifteen types are consistent with the model building types identified in the FEMA 310 Report and the predecessor documents that have addressed seismic evaluation of buildings (e.g., ATC, 1987; BSSC, 1992)). The fifteen model building types used in this document, however, are an abbreviated subset of the 22 types now considered standard by FEMA; excluded from the FEMA 154 list are sub-classifications of certain framing types that specify that the roof and floor diaphragms are either rigid or flexible.

3.7.1 Fifteen Building Types Considered by the RVS Procedure and Related Basic Structural Scores

Following are the fifteen building types used in the RVS procedure. Alpha-numeric reference codes used on the Data Collection Form are shown in parentheses.

1. Light wood-frame residential and commercial buildings smaller than or equal to 5,000 square feet (W1)
2. Light wood-frame buildings larger than 5,000 square feet (W2)
3. Steel moment-resisting frame buildings (S1)
4. Braced steel frame buildings (S2)
5. Light metal buildings (S3)
6. Steel frame buildings with cast-in-place concrete shear walls (S4)
7. Steel frame buildings with unreinforced masonry infill walls (S5)
8. Concrete moment-resisting frame buildings (C1)
9. Concrete shear-wall buildings (C2)
10. Concrete frame buildings with unreinforced masonry infill walls (C3)
11. Tilt-up buildings (PC1)
12. Precast concrete frame buildings (PC2)
13. Reinforced masonry buildings with flexible floor and roof diaphragms (RM1)
14. Reinforced masonry buildings with rigid floor and roof diaphragms (RM2)
15. Unreinforced masonry bearing-wall buildings (URM)

For each of these fifteen model building types, a Basic Structural Hazard Score has been computed that reflects the estimated likelihood that building collapse will occur if the building is subjected to the maximum considered earthquake ground motions for the region. The Basic Structural Hazard Scores are based on the damage and loss estimation functions provided in the FEMA-funded HAZUS damage and loss estimation methodology (NIBS, 1999). For more information about the development of the Basic Structural Hazard Scores, see the companion FEMA 155 report (ATC, 2002).

The Basic Structural Scores are provided on each Data Collection Form in the first row of the

BASIC SCORE, MODIFIERS, AND FINAL SCORE, *S*															
BUILDING TYPE	W1	W2	S1 (MRF)	S2 (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM
Basic Score	4.4	3.8	2.8	3.0	3.2	2.8	2.0	2.5	2.8	1.6	2.6	2.4	2.8	2.8	1.8

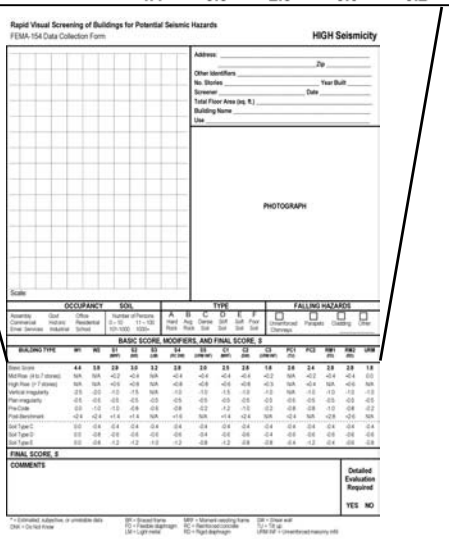


Figure 3-7. Portion of Data Collection Form containing Basic Structural Hazard Scores.

structural scoring matrix in the lower portion of the Data Collection Form (see Figure 3-7). In high and moderate seismicity regions, these scores apply to buildings built after the initial adoption and enforcement of seismic codes, but before the relatively recent significant improvement of codes (that is, before the applicable benchmark year, as defined in Table 2-2). In low seismicity regions, they apply to all buildings except those designed and constructed after the applicable benchmark year, as defined in Table 2-2.

A key issue to be addressed in the planning stage (as recommended in Section 2.4.2) is the identification of those years in which seismic codes were initially adopted and later significantly improved. If the RVS authority in high and moderate seismicity regions is unsure of the year(s) in which codes were initially adopted, the default year for all but PC1 (tiltup) buildings is 1941, (the default year specified in the HAZUS criteria, NIBS, 1999). For PC1 (tiltup) buildings, the initial year in which effective seismic codes were specified is 1973 (ICBO, 1973). As described in Sections 3.8.5 and 3.8.6, the Data Collection Form includes Score Modifiers that provide a means for modifying the Basic Structural Hazard Score as a function of design and construction date.

Brief summaries of the physical characteristics and expected earthquake performance of each of the fifteen model building types, along with a photograph of a sample exterior view, and the Basic Structural Scores for regions of low (L), moderate (M), and high (H) seismicity are provided in Table 3-1.

Additional background information on the physical characteristics and earthquake performance of these building types, not essential to the RVS procedure, is provided in Appendix E.

3.7.2 Identifying the Lateral-Force-Resisting System

At the heart of the RVS procedure is the task of identifying the lateral-force-resisting system from the street. Once the lateral-force-resisting system is identified, the screener finds the appropriate alpha-numeric code on the Data Collection Form and circles the Basic Structural Hazard Score immediately beneath it (see Figure 3-7).

Ideally, the lateral-force-resisting system for each building to be screened would be identified prior to field work through the review and interpretation of construction documents for each building (i.e., during the planning stage, as discussed in Section 2.7).

If prior determination of the lateral-force-resisting system is not possible through the review of building plans, which is the most likely scenario, this determination must be made in the field. In this case, the screener reviews spacing and size of windows, and the apparent construction materials to determine the lateral-force resisting system. If the screener cannot identify with complete assuredness the lateral-force-resisting system from the street, the screener should enter the building interior to verify the building type selected (see Section 3.7.3 for additional information on this issue.)

If the screener cannot determine the lateral-force-resisting system, and access to the interior is not possible, the screener should eliminate those lateral-force-resisting systems that are not possible and assume that any of the others are possible. In this case the Basic Structural Hazard Scores for all possible lateral-force-resisting systems would be circled on the Data Collection Form. More guidance and options pertaining to this issue are provided in Section 3.9.

Table 3-1 Build Type Descriptions, Basic Structural Hazard Scores, and Performance in Past Earthquakes

Building Identifier	*Photograph*	*Basic Structural Hazard Score*	*Characteristics and Performance*
W1 Light wood frame residential and commercial buildings equal to or smaller than 5,000 square feet		H = 2.8 M = 5.2 L = 7.4	• Wood stud walls are typically constructed of 2-inch by 4-inch vertical wood members set about 16 inches apart (2-inch by 6-inch for multiple stories). • Most common exterior finish materials are wood siding, metal siding, or stucco. • Buildings of this type performed very well in past earthquakes due to inherent qualities of the structural system and because they are lightweight and low rise. • Earthquake-induced cracks in the plaster and stucco (if any) may appear, but are classified as non-structural damage. • The most common type of structural damage in older buildings results from a lack of connection between the superstructure and the foundation, and inadequate chimney support.
W2 Light wood frame buildings greater than 5,000 square feet		H = 3.8 M =4.8 L = 6.0	• These are large apartment buildings, commercial buildings or industrial structures usually of one to three stories, and, rarely, as tall as six stories.

Table 3-1 Build Type Descriptions, Basic Structural Hazard Scores, and Performance in Past Earthquakes (Continued)

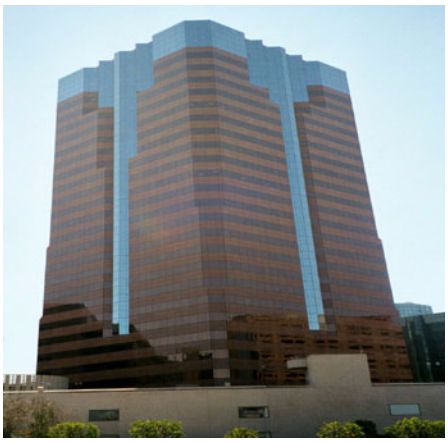
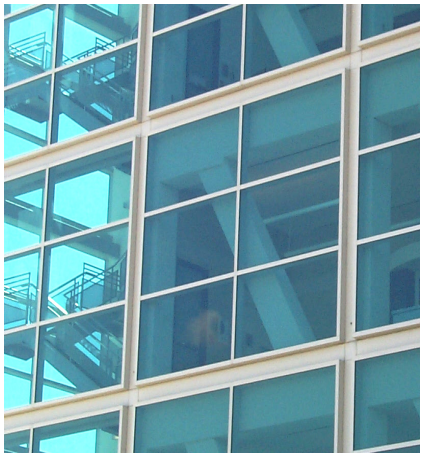
Building Identifier	*Photograph*	*Basic Structural Hazard Score*	*Characteristics and Performance*
S1 Steel moment-resisting frame		H = 2.8 M = 3.6 L = 4.6	• Typical steel moment-resisting frame structures usually have similar bay widths in both the transverse and longitudinal directions, around 20-30 ft. • The floor diaphragms are usually concrete, sometimes over steel decking. This structural type is used for commercial, institutional and public buildings. • The 1994 Northridge and 1995 Kobe earthquakes showed that the welds in steel moment- frame buildings were vulnerable to severe damage. The damage took the form of broken connections between the beams and columns.
S2 Braced steel frame	  Zoom-in of upper photo	H = 3.0 M = 3.6 L = 4.8	• These buildings are braced with diagonal members, which usually cannot be detected from the building exterior. • Braced frames are sometimes used for long and narrow buildings because of their stiffness. • From the building exterior, it is difficult to tell the difference between steel moment frames, steel braced frames, and steel frames with interior concrete shear walls. • In recent earthquakes, braced frames were found to have damage to brace connections, especially at the lower levels.

Table 3-1 Build Type Descriptions, Basic Structural Hazard Scores, and Performance in Past Earthquakes (Continued)

Building Identifier	*Photograph*	*Basic Structural Hazard Score*	*Characteristics and Performance*
S3 Light metal building		H = 3.2 M = 3.8 L = 4.6	• The structural system usually consists of moment frames in the transverse direction and braced frames in the longitudinal direction, with corrugated sheet-metal siding. In some regions, light metal buildings may have partial-height masonry walls. • The interiors of most of these buildings do not have interior finishes and their structural skeleton can be seen easily. • Insufficient capacity of tension braces can lead to their elongation and consequent building damage during earthquakes. • Inadequate connection to a slab foundation can allow the building columns to slide on the slab. • Loss of the cladding can occur.
S4 Steel frames with cast-in-place concrete shear walls		H = 2.8 M = 3.6 L = 4.8	• Lateral loads are resisted by shear walls, which usually surround elevator cores and stairwells, and are covered by finish materials. • An interior investigation will permit a wall thickness check. More than six inches in thickness usually indicates a concrete wall. • Shear cracking and distress can occur around openings in concrete shear walls during earthquakes. • Wall construction joints can be weak planes, resulting in wall shear failure below expected capacity.

Table 3-1 Build Type Descriptions, Basic Structural Hazard Scores, and Performance in Past Earthquakes (Continued)

Building Identifier	*Photograph*	*Basic Structural Hazard Score*	*Characteristics and Performance*
S5 Steel frames with unreinforced masonry infill walls		H = 2.0 M = 3.6 L = 5.0	• Steel columns are relatively thin and may be hidden in walls. • Usually masonry is exposed on exterior with narrow piers (less than 4 ft wide) between windows. • Portions of solid walls will align vertically. • Infill walls are usually two to three wythes thick. • Veneer masonry around columns or beams is usually poorly anchored and detaches easily.
C1 Concrete moment-resisting frames		H = 2.5 M = 3.0 L = 4.4	• All exposed concrete frames are reinforced concrete (not steel frames encased in concrete). • A fundamental factor governing the performance of concrete moment-resisting frames is the level of ductile detailing. • Large spacing of ties in columns can lead to a lack of concrete confinement and shear failure. • Lack of continuous beam reinforcement can result in hinge formation during load reversal. • The relatively low stiffness of the frame can lead to substantial nonstructural damage. • Column damage due to pounding with adjacent buildings can occur.

Table 3-1 Build Type Descriptions, Basic Structural Hazard Scores, and Performance in Past Earthquakes (Continued)

Building Identifier	*Photograph*	*Basic Structural Hazard Score*	*Characteristics and Performance*
C2 Concrete shear wall buildings		H = 2.8 M = 3.6 L = 4.8	• Concrete shear-wall buildings are usually cast in place, and show typical signs of cast-in-place concrete. • Shear-wall thickness ranges from 6 to 10 inches. • These buildings generally perform better than concrete frame buildings. • They are heavier than steel-frame buildings but more rigid due to the shear walls. • Damage commonly observed in taller buildings is caused by vertical discontinuities, pounding, and irregular configuration.
C3 Concrete frames with unreinforced masonry infill walls		H =1.6 M = 3.2 L = 4.4	• Concrete columns and beams may be full wall thickness and may be exposed for viewing on the sides and rear of the building. • Usually masonry is exposed on the exterior with narrow piers (less than 4 ft wide) between windows. • Portions of solid walls will align vertically. • This type of construction was generally built before 1940 in high-seismicity regions but continues to be built in other regions. • Infill walls tend to buckle and fall out-of-plane when subjected to strong lateral out-of-plane forces. • Veneer masonry around columns or beams is usually poorly anchored and detaches easily.

Table 3-1 Build Type Descriptions, Basic Structural Hazard Scores, and Performance in Past Earthquakes (Continued)

Building Identifier	*Photograph*	*Basic Structural Hazard Score*	*Characteristics and Performance*
PC1 Tilt-up buildings	 Partial roof collapse due to failed diaphragm-to-wall connection	H = 2.6 M = 3.2 L = 4.4	• Tilt-ups are typically one or two stories high and are basically rectangular in plan. • Exterior walls were traditionally formed and cast on the ground adjacent to their final position, and then "tilted-up" and attached to the floor slab. • The roof can be a plywood diaphragm carried on wood purlins and glulam beams or a light steel deck and joist system, supported in the interior of the building on steel pipe columns. • Weak diaphragm-to-wall anchorage results in the wall panels falling and the collapse of the supported diaphragm (or roof).

Table 3-1 Build Type Descriptions, Basic Structural Hazard Scores, and Performance in Past Earthquakes (Continued)

Building Identifier	*Photograph*	*Basic Structural Hazard Score*	*Characteristics and Performance*
PC2 Precast concrete frame buildings	 Building under construction Detail of the precast components Building nearing completion	H = 2.4 M = 3.2 L = 4.6	• Precast concrete frames are, in essence, post and beam construction in concrete. • Structures often employ concrete or reinforced masonry (brick or block) shear walls. • The performance varies widely and is sometimes poor. • They experience the same types of damage as shear wall buildings (C2). • Poorly designed connections between prefabricated elements can fail. • Loss of vertical support can occur due to inadequate bearing area and insufficient connection between floor elements and columns. • Corrosion of metal connectors between prefabricated elements can occur.

Table 3-1 Build Type Descriptions, Basic Structural Hazard Scores, and Performance in Past Earthquakes (Continued)

Building Identifier	*Photograph*	*Basic Structural Hazard Score*	*Characteristics and Performance*
RM1 Reinforced masonry buildings with flexible diaphragms	Truss-joists support plywood and lightweight concrete slab Detail showing reinforced masonry	H = 2.8 M = 3.6 L = 4.8	• Walls are either brick or concrete block. • Wall thickness is usually 8 inches to 12 inches. • Interior inspection is required to determine if diaphragms are flexible or rigid. • The most common floor and roof systems are wood, light steel, or precast concrete. • These buildings can perform well in moderate earthquakes if they are adequately reinforced and grouted, with sufficient diaphragm anchorage. • Poor construction practice can result in ungrouted and unreinforced walls, which will fail easily.

Table 3-1 Build Type Descriptions, Basic Structural Hazard Scores, and Performance in Past Earthquakes (Continued)

Building Identifier	*Photograph*	*Basic Structural Hazard Score*	*Characteristics and Performance*
RM2 Reinforced masonry buildings with rigid diaphrams		H = 2.8 M = 3.4 L = 4.6	• Walls are either brick or concrete block. • Wall thickness is usually 8 inches to 12 inches. • Interior inspection is required to determine if diaphragms are flexible or rigid. • The most common floor and roof systems are wood, light steel, or precast concrete. • These buildings can perform well in moderate earthquakes if they are adequately reinforced and grouted, with sufficient diaphragm anchorage. • Poor construction practice can result in ungrouted and unreinforced walls, which will fail easily.
URM Unreinforced masonry buildings		H = 1.8 M = 3.4 L = 4.6	• These buildings often used weak lime mortar to bond the masonry units together. • Arches are often an architectural characteristic of older brick bearing wall buildings. • Other methods of spanning are also used, including steel and stone lintels. • Unreinforced masonry usually shows header bricks in the wall surface. • The performance of this type of construction is poor due to lack of anchorage of walls to floors and roof, soft mortar, and narrow piers between window openings.

Determining the lateral-force-resisting system in the field is often difficult. A useful first step is to determine if the building structure is a frame or a bearing wall. Examples of frame structures and bearing wall structures are shown in Figure 3-8, 3-9, and 3-10.

Information to assist the screener in distinguishing if the building is a bearing wall or frame structure is provided in the side bar. Once this determination has been made and the

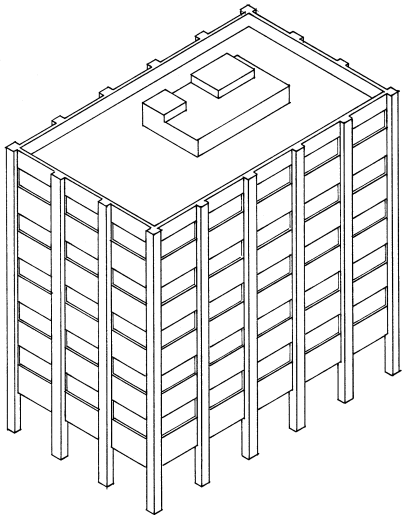


Figure 3-8 Typical frame structure. Features include: large window spans, window openings on many sides, and clearly visible column-beam grid pattern.

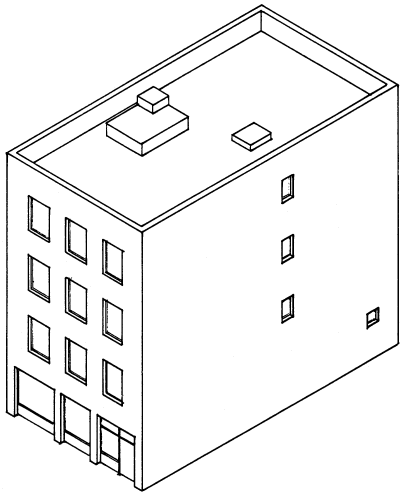


Figure 3-9 Typical bearing wall structure. Features include small window span, at least two mostly solid walls, and thick load-bearing walls.

Distinguishing Between Frame and Bearing Wall Building Systems.

A frame structure (for example, S1, S2, S3, S4, C1, PC2) is made up of beams and columns throughout the entire structure, resisting both vertical and lateral loads. A bearing wall structure (for example, PC1 and URM) uses vertical-load-bearing walls, which are more or less solid, to resist the vertical and lateral loads.

When a building has large openings on all sides, it is probably a frame structure as opposed to a bearing wall structure. A common characteristic of a frame structure is the rectangular grid patterns of the facade, indicating the location of the columns and girders behind the finish material. This is particularly revealing when windows occupy the entire opening in the frame, and no infill wall is used. A newer multistory commercial building should be assumed to be a frame structure, even though there may exist interior shear walls carrying the lateral loads (this would be a frame structure with shear walls).

Bearing wall systems carry vertical and lateral loads with walls rather than solely with columns. Structural floor members such as slabs, joists, and beams, are supported by load-bearing walls. A bearing wall system is thus characterized by more or less solid walls and, as a rule of thumb, a load-bearing wall will have more solid areas than openings. It also will have no wide openings, unless a structural lintel is used.

Some bearing-wall structures incorporate structural columns, or are partly frame structures. This is especially popular in multistory commercial buildings in urban lots where girders and columns are used in the ground floor of a bearing wall structure to provide larger openings for retail spaces. Another example is where the loads are carried by both interior columns and a perimeter wall. Both of these examples should be considered as bearing wall structures, because lateral loads are resisted by the bearing walls. Bearing wall structures sometimes utilize only two walls for load bearing. The other walls are non-load-bearing and thus may have large openings. Therefore, the openness of the front elevation should not be used to determine the structure type. The screener should also look at the side and rear facades. If at least two of the four exterior walls appear to be solid then it is likely that it is a bearing wall structure.

Window openings in older frame structures can sometimes be misleading. Since wide windows were excessively costly and fragile until relatively recently, several narrow windows separated by thin mullions are often seen in older buildings. These thin mullions are usually not load bearing. When the narrow windows are close together, they constitute a large opening typical of a frame structure, or a window in a bearing wall structure with steel lintels.

Whereas open facades on all sides clearly indicate a frame structure, solid walls may be indicative of a bearing wall structure or a frame structure with solid infill walls. Bearing walls are usually much thicker than infill walls, and increase in thickness in the lower stories of multi-story buildings. This increase in wall thickness can be detected by comparing the wall thickness at windows on different floors. Thus, solid walls can be identified as bearing or non-bearing walls according to their thickness, if the structural material is known.

A bearing wall system is sometimes called a box system.

Example of a Frame Building

Example of a Bearing Wall Structure

Figure 3-10 Frame and bearing wall structures

principal structural material is identified, the essential information for determining the lateral-force-resisting system has been established. It is then useful to know that:

- unreinforced masonry and tilt-up buildings are usually bearing-wall type,
- steel buildings and pre-cast concrete buildings are usually frame type, and
- concrete and reinforced masonry buildings may be either type.

A careful review of Table 3-1 and the information provided in Appendices D and E, along with training by knowledgeable building design professionals, should assist the screener in the determination of lateral-force-resisting systems. There will be some buildings for which the lateral-force-resisting system cannot be identified because of their facade treatment. In this case, the screener should eliminate those lateral-force-resisting systems that are not possible and assume that any of the others are possible.

3.7.3 Interior Inspections

Ideally, whenever possible, the screener should seek access to the interior of the building to identify, or verify, the lateral-force-resisting system for the building. In the case of reinforced masonry buildings, entry is particularly important so that the screener can distinguish between RM1 buildings, which have flexible floor and roof diaphragms, and RM2 buildings, which have rigid floor and roof diaphragms.

As with the exterior inspection, the interior process should be performed in a logical manner, either from the basement to the roof, or roof to basement. The screener should look at each floor thoroughly.

The RVS procedure does not require the removal of finish materials that are otherwise permanently affixed to the structure. There are a number of places within a building where it is possible to see the exposed structure. The following are some ways to determine the structure type.

1. If the building has a basement that is not occupied, the first-floor framing may be exposed. The framing will usually be representative of the floor framing throughout the building.
2. If the structural system is a steel or concrete frame, the columns and beams will often be exposed in the basement. The basement walls will likely be concrete, but this does not mean that they are concrete all the way to the roof.
3. High and mid-rise structures usually have one or more levels of parking below the building. When fireproofed steel columns and girders are seen, the screener can be fairly certain that the structure is a steel building (S1, S2, or S4 see Figure 3-11).
4. If the columns and beams are constructed of concrete, the structure type is most likely a concrete moment-frame building (C1, see Figure 3-12). However, this is not guaranteed as some buildings will use steel framing above the ground floor. To ascertain the building type, the screener will need to look at the columns above the first floor.
5. If there is no basement, the mechanical equipment rooms may show what the framing is for the floor above.

Figure 3-11 Interior view showing fire-proofed columns and beams, which indicate a steel building (S1, S2, or S4).

6. If suspended ceilings are used, one of the ceiling tiles can be lifted and simply pushed back. In many cases, the floor framing will then be exposed. Caution should be used in identifying the framing materials, because prior to about 1960, steel beams were encased in concrete to provide fireproofing. If steel framing is seen with what appears to be concrete beams, most likely these are steel beams encased in concrete.
7. If plastered ceilings are observed above suspended ceilings, the screener will not be able to identify the framing materials; however, post-1960 buildings can be eliminated as a possibility because these buildings do not use plaster for ceilings.
8. At the exterior walls, if the structural system is a frame system, there will be regularly spaced furred out places. These are the building columns. If the exterior walls between the columns are constructed of brick masonry and the thickness of the wall is 9 inches or more, the structure type is either steel frame with unreinforced masonry infill (S5) or concrete frame with unreinforced masonry infill (C3).
9. Pre-1930 brick masonry buildings that are six stories or less in height and that have wood-floor framing supported on masonry ledges in pockets formed in the wall are unreinforced masonry bearing-wall buildings (URM).

3.7.4 Screening Buildings with More Than One Lateral-Force-Resisting System

In some cases, the screener may observe buildings having more than one lateral-force-resisting system. Examples might include a wood-frame building atop a precast concrete parking garage, or a building with reinforced concrete shear walls in one direction and a reinforced moment-resisting frame in the other.

Buildings that incorporate more than one lateral-force-resisting system should be evaluated for all observed types of structural systems, and the lowest Final Structural Score, *S*, should govern.

Figure 3-12 Interior view showing concrete columns and girders, which indicate a concrete moment frame (C1).

Score Modifier

BASIC SCORE, MODIFIERS, AND FINAL SCORE, *S*															
BUILDING TYPE	**W1**	**W2**	**S1 (MRF)**	**S2 (BR)**	**S3 (LM)**	**S4 (RC SW)**	**S5 (URM INF)**	**C1 (MRF)**	**C2 (SW)**	**C3 (URM INF)**	**PC1 (TU)**	**PC2**	**RM1 (FD)**	**RM2 (RD)**	**URM**
Basic Score	**4.4**	**3.8**	**2.8**	**3.0**	**3.2**	**2.8**	**2.0**	**2.5**	**2.8**	**1.6**	**2.6**	**2.4**	**2.8**	**2.8**	**1.8**
Mid Rise (4 to 7 stories)	N/A	N/A	+0.2	+0.4	N/A	+0.4	+0.4	+0.4	+0.4	+0.2	N/A	+0.2	+0.4	+0.4	0.0
High Rise (> 7 stories)	N/A	N/A	+0.6	+0.8	N/A	+0.8	+0.8	+0.6	+0.8	+0.3	N/A	+0.4	N/A	+0.6	N/A
Vertical Irregularity	-2.5	-2.0	-1.0	-1.5	N/A	-1.0	-1.0	-1.5	-1.0	-1.0	N/A	-1.0	-1.0	-1.0	-1.0
Plan irregularity	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
Pre-Code	0.0	-1.0	-1.0	-0.8	-0.6	-0.8	-0.2	-1.2	-1.0	-0.2	-0.8	-0.8	-1.0	-0.8	-0.2
Post-Benchmark	+2.4	+2.4	+1.4	+1.4	N/A	+1.6	N/A	+1.4	+2.4	N/A	+2.4	N/A	+2.8	+2.6	N/A
Soil Type C	0.0	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
Soil Type D	0.0	-0.8	-0.6	-0.6	-0.6	-0.6	-0.4	-0.6	-0.6	-0.4	-0.6	-0.6	-0.6	-0.6	-0.6
Soil Type E	0.0	-0.8	-1.2	-1.2	-1.0	-1.2	-0.8	-1.2	-0.8	-0.8	-0.4	-1.2	-0.4	-0.6	-0.8

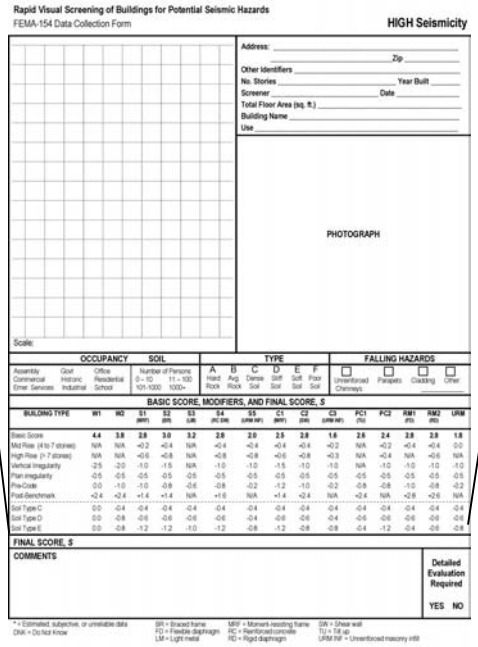


Figure 3-13. Portion of Data Collection Form containing attributes that modify performance and associated score modifiers.

3.8 Identifying Seismic Performance Attributes and Recording Score Modifiers

This section discusses major factors that significantly impact structural performance during earthquakes, and the assignment of Score Modifiers related to each of these factors (attributes). The severity of the impact on structural performance varies with the type of lateral-force-resisting system; thus the assigned Score Modifiers depend on building type. Score Modifiers associated with each performance attribute are indicated in the scoring matrix on the Data Collection Form (see Figure 3-13). Score Modifiers for the building being screened are circled in the appropriate column (i.e., under the reference code for the identified lateral-force-resisting system for that building).

Following are descriptions of each performance attribute, along with guidance on how to recognize each from the street. If a performance attribute does not apply to a given building type, the Score Modifier is indicated with "N/A", which indicates "not applicable."

3.8.1 Mid-Rise Buildings

If the building has 4 to 7 stories, it is considered a mid-rise building, and the score modifier associated with this attribute should be circled.

3.8.2 High-Rise Buildings

If the building has 8 or more stories, it is considered a high-rise building, and the score modifier associated with this attribute should be circled.

3.8.3 Vertical Irregularity

This performance attribute applies to all building types. Examples of vertical irregularity include buildings with setbacks, hillside buildings, and buildings with soft stories (see illustrations of example vertical irregularities in Figure 3-14).

If the building is irregularly shaped in elevation, or if some walls are not vertical, then apply the modifier (see example in Figure 3-15).

If the building is on a steep hill so that over the up-slope dimension of the building the hill rises at least one story height, a problem may exist because the horizontal stiffness along the lower side may be different from the uphill side. In addition, in the up-slope direction, the stiff short columns attract the seismic shear forces and may fail. In this case the performance modifier is applicable. See Figure 3-14 for an example.

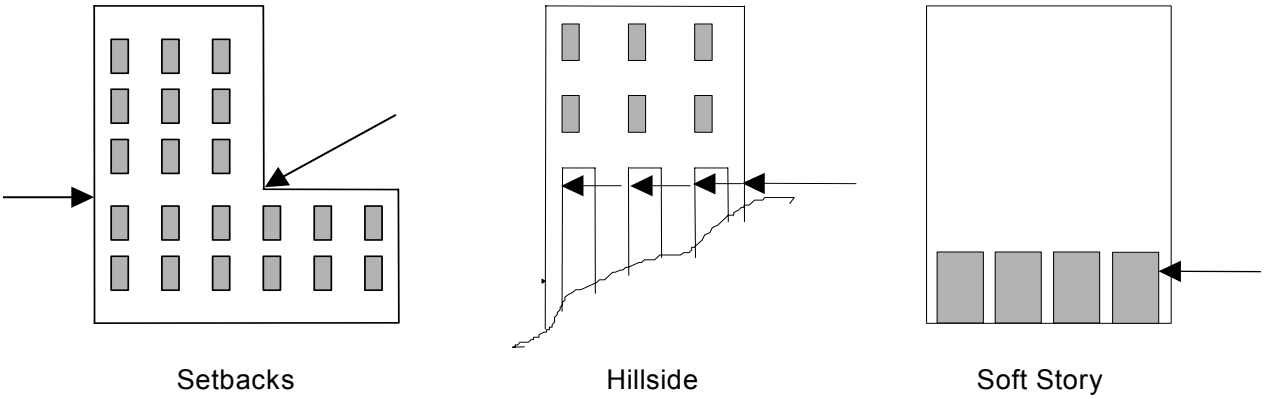


Figure 3-14 Elevation views showing vertical irregularities, with arrows indicating locations of particular concern.

A soft story exists if the stiffness of one story is dramatically less than that of most of the others (see Figure 3-15). Examples are shear walls or infill walls not continuous to the foundation. Soft stories are difficult to verify without knowledge of how the building was designed and how the lateral forces are to be transferred from story to story. In other words, there may be shear walls in the building that are not visible from the street. However, if there is doubt, it is best to be conservative and indicate the existence of a soft story by circling the vertical irregularity Score Modifier. Use an asterisk and the comment section to explain the source of uncertainty. In many commercial buildings, the first story is soft due to large window openings for display purposes. If one story is particularly tall or has windows on all sides, and if the stories above have fewer windows, then it is probably a soft story.

A building may be adequate in one direction but be "soft" in the perpendicular direction. For example, the front and back walls may be open but the side walls may be solid. Another common example of soft story is "tuck under" parking commonly found in apartment buildings (see Figure 3-16). Several past earthquakes in California have shown the vulnerability of this type of construction.

Vertical irregularity is a difficult characteristic to define, and considerable judgment and experience are required for identification purposes.

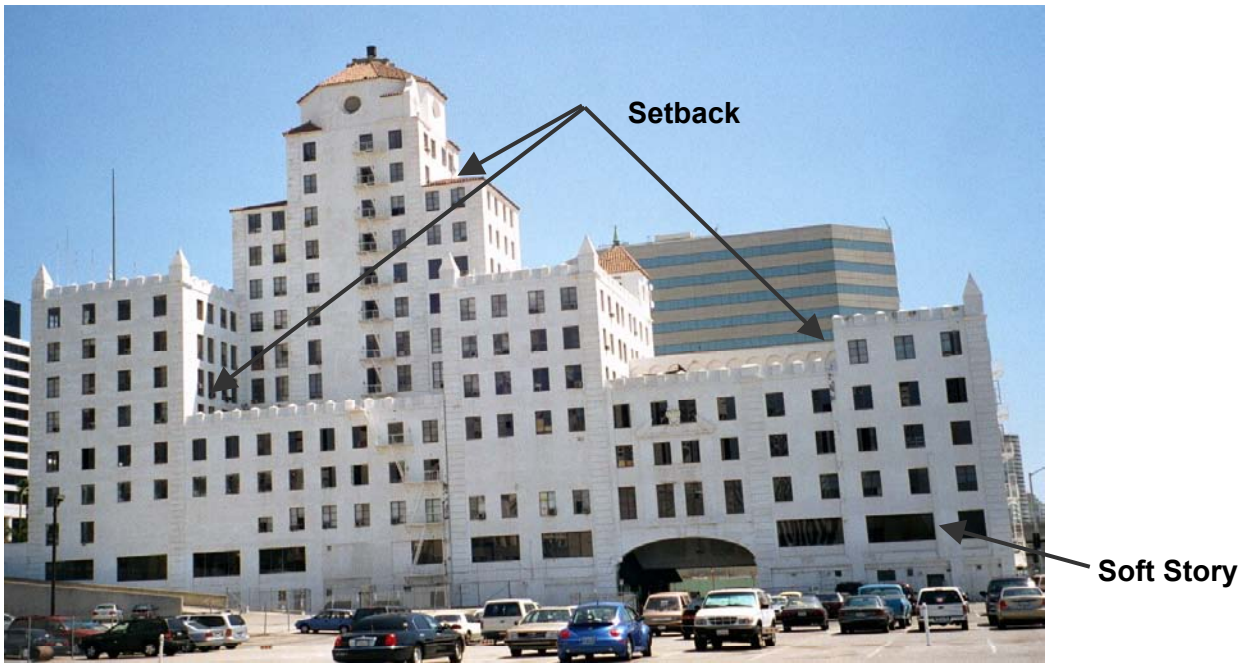


Figure 3-15 Example of setbacks (see Figure 3-14) and a soft first story.

Figure 3-16 Example of soft story conditions, where parking requirements result in large weak openings.

3.8.4 Plan Irregularity

If a building has a vertical or plan irregularity, as described below, this modifier applies. Plan irregularity can affect all building types. Examples of plan irregularity include buildings with re-entrant corners, where damage is likely to occur; buildings with good lateral-load resistance in one direction but not in the other; and buildings with major stiffness eccentricities in the lateral-force-resisting system, which may cause twisting (torsion) around a vertical axis.

Buildings with re-entrant corners include those with long wings that are E, L, T, U, or + shaped (see Figures 3-17 and 3-18). See SEAOC (1996) for further discussion of this issue.)

Plan irregularities causing torsion are especially prevalent among corner buildings, in which the two adjacent street sides of the building are largely windowed and open, whereas the other two sides are generally solid. Wedge-shaped buildings, triangular in plan, on corners of streets not meeting at 90°, are similarly susceptible (see Figure 3-19).

Although plan irregularity can occur in all building types, primary concern lies with wood, tilt-up, pre-cast frame, reinforced masonry and unreinforced masonry construction. Damage at connections may significantly reduce the capacity of a vertical-load-carrying element, leading to partial or total collapse.

3.8.5 Pre-Code

This Score Modifier applies for buildings in high and moderate seismicity regions and is applicable if the building being screened was designed and constructed prior to the initial adoption and enforcement of seismic codes applicable for that building type (e.g., steel moment frame, S1). The year(s) in which seismic codes were initially adopted and enforced for the various model building types should have been identified as part

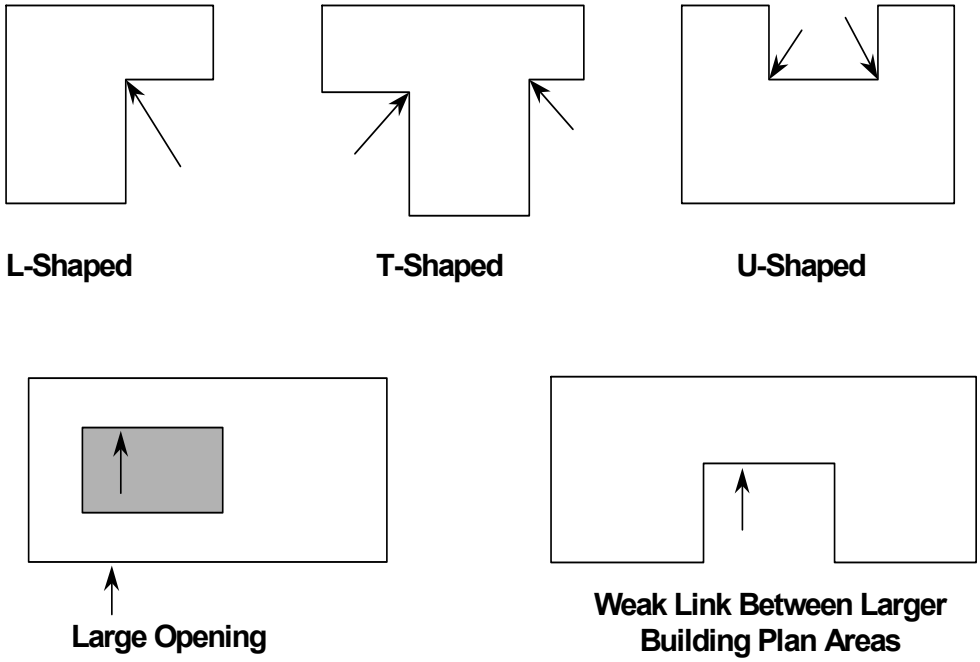


Figure 3-17 Plan views of various building configurations showing plan irregularities; arrows indicate possible areas of damage.

Figure 3-18 Example of a building, with a plan irregularity, with two wings meeting at right angles.

Figure 3-19 Example of a building, triangular in plan, subject to torsion.

of the Data Collection Form review process during the pre-planning stage (as recommended in Section 2.4.2). If this determination was not made during the planning stage, the default year is 1941, for all building types except PC1, in which case it is 1973. Because of the method used to calculate the Basic Structural Hazard Scores, this modifier does not apply to buildings in the low seismicity region.

3.8.6 Post-Benchmark

This Score Modifier is applicable if the building being screened was designed and constructed after significantly improved seismic codes applicable for that building type (e.g., concrete moment frame, C1) were adopted and enforced by the local jurisdiction. The year in which such improvements were adopted is termed the "benchmark" year. Benchmark year(s) for the various model building types should have been identified as part of the Data Collection Form review process during the pre-planning stage (as recommended in Section 2.4.2). Benchmark years for the various building types (designed in accordance with various model codes) are provided in Table 2-2.

3.8.7 Soil Type C, D, or E

Score Modifiers are provided for Soil Type C, Type D, and Type E. The appropriate modifier should be circled if one of these soil types exists at the site (see Section 3.4 for additional discussion regarding the determination of soil type). If sufficient guidance or data are not available during the planning stage to classify the soil type as A through E, a soil type E should be assumed. However, for one- or two-story buildings with a roof height equal to or less than 25 feet, a class D soil type may be assumed if the actual site conditions are not known.

There is no Score Modifier for Type F soil because buildings on soil type F cannot be screened effectively by the RVS procedure. A geotechnical engineer is required to confirm the soil type F and an experienced professional engineer is required for building evaluation.

3.9 Determining the Final Score

The Final Structural Score, *S*, is determined for a given building by adding (or subtracting) the Score Modifiers for that building to the Basic Structural Hazard Score for the building. The result is documented in the section of the form entitled Final Score (see Figure 3-20). Based on this information, and the "cut-off" score selected during the pre-planning process (see Section 2.4.3), the screener then decides if a detailed evaluation is required for the building and circles "YES" or "NO" in the lower right-hand box (see Figure 3-20). Additional guidance on this issue is provided in Sections 4.1, and 4.2.

When the screener is uncertain of the building type, an attempt should be made to eliminate all unlikely building types. If the screener is still left with several choices, computation of the Final Structural Score *S* may be treated several ways:

1. The screener may calculate *S* for all the remaining options and choose the lowest

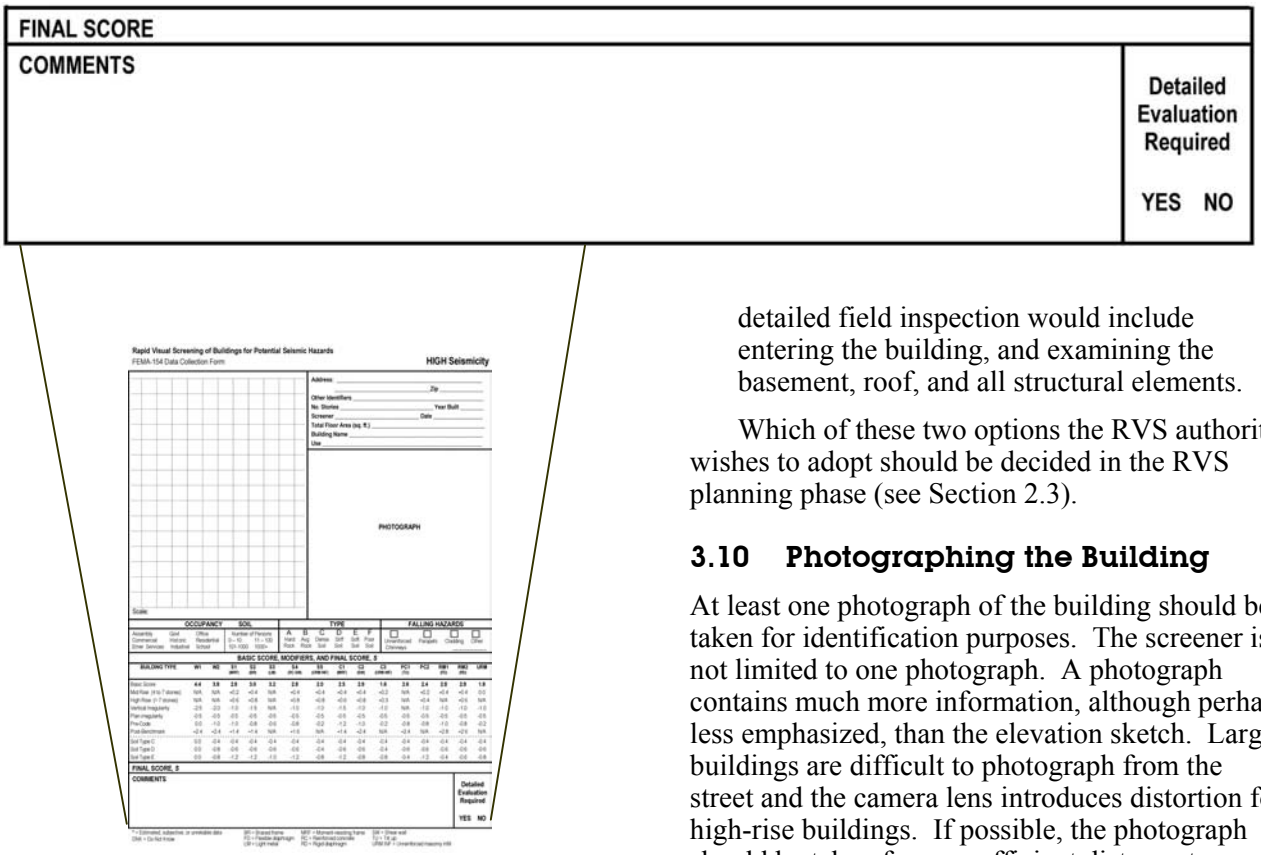


Figure 3-20 Location on Data Collection Form where the final score, comments, and an indication if the building needs detailed evaluation are documented.

score. This is a conservative approach, and has the disadvantage that it may be too conservative and the assigned score may indicate that the building presents a greater risk than it actually does. This conservative approach will not pose problems in cases where all the possible remaining building types result in scores below the cut-off value. In all these cases the building has characteristics that justify further review anyway by a design professional experienced in seismic design.

2. If the screener has little or no confidence about any choice for the structural system, the screener should write DNK below the word "Building Type" (see Figure 3-7), which indicates the screener does not know. In this case there should be an automatic default to the need for a detailed review of the building by an experienced design professional. A more detailed field inspection would include entering the building, and examining the basement, roof, and all structural elements.

Which of these two options the RVS authority wishes to adopt should be decided in the RVS planning phase (see Section 2.3).

3.10 Photographing the Building

At least one photograph of the building should be taken for identification purposes. The screener is not limited to one photograph. A photograph contains much more information, although perhaps less emphasized, than the elevation sketch. Large buildings are difficult to photograph from the street and the camera lens introduces distortion for high-rise buildings. If possible, the photograph should be taken from a sufficient distance to include the whole building, and such that adjacent faces are included. A wide angle or a zoom lens may be helpful. Strong sunlit facades should be avoided, as harsh contrasts between shadows and sunlit portions of the facade will be introduced. Lastly, if possible, the front of the building should not be obscured by trees, vehicles or other objects, as they obscure the lower (and often the most important) stories.

3.11 Comments Section

This last section of the form (see Figure 3-20) is for recording any comments the screener may wish to make regarding the building, occupancy, condition, quality of the data or unusual circumstances of any type. For example, if not all significant details can be effectively photographed or drawn, the screener could describe additional important information in the comments area. Comments may be made on the strength of mortar used in a masonry wall, or building features that can be seen at or through window openings. Other examples where comments are helpful are described throughout Chapter 3.

Chapter 4
Using the RVS Procedure Results

The rapid visual screening procedure presented in this *Handbook* is meant to be the preliminary screening phase of a multi-phase procedure for identifying earthquake-hazardous buildings. Buildings identified by this procedure as potentially hazardous must be analyzed in more detail by an experienced seismic design professional. Because rapid visual screening is designed to be performed from the street, with interior inspection not always possible, hazardous details will not always be visible, and seismically hazardous buildings may not be identified as such. Conversely, buildings identified as potentially hazardous may prove to be adequate.

Since the original publication of FEMA 154 in 1988, the RVS procedure has been widely used by local communities and government agencies. A critical issue in the implementation of FEMA 154 has been the interpretation of the Final Structural Score, *S*, and the selection of a "cut-off" score, below which a detailed seismic evaluation of the building by a design professional in seismic design is required.

Following are discussions on: (1) interpretation and selection of the "cut-off" score; (2) prior uses of the FEMA 154 RVS procedure, including decisions regarding the "cut-off" score; and (3) other possible uses of the FEMA 154 RVS procedure, including resources needed for the various possible uses. These discussions are intended to illuminate both the limitations and potential applications of the RVS procedure.

4.1 Interpretation of RVS Score

Having employed the RVS procedure and determined the building's Final Structural Score, *S*, which is based on the Basic Structural Hazard Score and Score Modifiers associated with the various performance attributes, the RVS authority is naturally faced with the question of what these *S* scores mean. Fundamentally, the final *S* score is an estimate of the probability (or chance) that the building will collapse if ground motions occur that equal or exceed the maximum considered earthquake (MCE) ground motions (the current FEMA 310 ground motion specification for detailed seismic evaluation of buildings). These estimates of the score are based on limited observed and analytical data, and the probability of collapse is therefore approximate. For example, a final score of $S = 3$ implies there is a chance of 1 in 10^3, or 1 in 1000, that the building will collapse if such ground motions occur. A final score of $S = 2$ implies there is a chance of 1 in 10^2, or 1 in 100, that the building will collapse if such ground motions occur. (Additional information about the basis for the RVS scoring system is provided in the second edition of the companion FEMA 155 Report, *Rapid Visual Screening of Buildings for Potential Seismic Hazards: Supporting Documentation*.) An understanding and appreciation of the physical essence of the scoring system, as described above, will facilitate the interpretation of results from implementation of the RVS procedure.

4.2 Selection of RVS "Cut-Off" Score

One of the most difficult issues pertaining to rapid visual screening is answering the question, "What is an acceptable *S*?" This is a question for the community that involves the costs of safety versus the benefits. The costs of safety include:

- the costs of reviewing and investigating in detail hundreds or thousands of buildings in order to identify some fraction of those that would actually sustain major damage in an earthquake; and
- the costs associated with rehabilitating those buildings finally determined to be unacceptably weak.

The most compelling benefit is the saving of lives and prevention of injuries due to reduced damage in those buildings that are rehabilitated. This reduced damage includes not only less material damage, but fewer major disruptions to daily lives and businesses. The identification of hazardous buildings and the mitigation of their hazards are critical because there are thousands of existing buildings in all parts of the United States that may suffer severe damage or possible collapse in the event of strong ground shaking. Such damage or

collapse can be accompanied by loss of life and serious injury. In a great earthquake deaths could number in the thousands.

Each community needs to engage in some consideration of these costs and benefits of seismic safety, and decide what value of *S* is an appropriate "cut-off" for their situation. The final decision involves many non-technical factors, and is not straightforward. Perhaps the best quantification of the risk inherent in modern building codes was a study regarding design practice by the National Bureau of Standards (NBS, 1980), which observed:

> *In selecting the target reliability it was decided, after carefully examining the resulting reliability indices for the many design situations, that a β_0 =3 is a representative average value for many frequently used structural elements when they are subjected to gravity loading, while β_0 =2.5 and β_0 = 1.75 are representative values for loads that include wind and earthquake, respectively*[3].

In other words, present design practice is such that a value of *S* of about 3 is appropriate for day-to-day loadings, and a value of about 2, or somewhat less, is appropriate for infrequent, but possible, earthquake loadings.

More recently, recommendations for seismic design criteria for new steel moment-frame buildings (SAC, 2000) concluded that:

> *…it is believed that…structures designed in accordance with [these recommendations] provide in excess of 90% confidence of being able to withstand [shaking that has a 2% probability of exceedance in 50 years] without global collapse….*

This statement can be shown to be equivalent to the findings in the NBS (1980) study.

Unless a community itself considers the cost and benefit aspects of seismic safety, an *S* value of about 2.0 is a reasonable preliminary value to use within the context of RVS to differentiate adequate buildings from those potentially inadequate and thus requiring detailed review. Use of a higher cut-off *S* value implies greater desired safety but increased community-wide costs for evaluations and rehabilitation; use of a lower value of *S* equates to increased seismic risk and lower short-term community-wide costs for evaluations and rehabilitation (prior to an earthquake).

Further guidance on cost and other societal implications of seismic rehabilitation of hazardous buildings is available in other publications of the FEMA report series on existing buildings (see FEMA-156 and FEMA-157, *Typical Costs for Seismic Rehabilitation of Buildings*, 2nd Edition, Volumes 1 and 2, and FEMA-255 and FEMA-256, *Seismic Rehabilitation of Federal Buildings – A Benefit/Cost Model*, Volumes 1 and 2 (VSP, 1994).

4.3 Prior Uses of the RVS Procedure

During the decade following publication of the first edition of the FEMA 154 *Handbook*, the rapid visual screening procedure was used by private-sector organizations and government agencies to evaluate more than 70,000 buildings nationwide (ATC, 2002). As reported at the FEMA 154 Users Workshop in San Francisco in September 2000 (see second edition of FEMA 155 report for additional information), these applications included surveys of (1) commercial buildings in Beverly Hills, California, (2) National Park Service facilities, (3) pubic buildings and designated shelters in southern Illinois; (4) U. S. Army facilities, (5) facilities of the U. S. Department of the Interior and (6) buildings in other local communities and for other government agencies. The results from some of these efforts are described below.

In its screening of 11,500 buildings using the FEMA 154 RVS procedure, the U. S. Army Corps of Engineers Civil Engineering Research Laboratory (CERL) used a cut-off score of 2.5, rather than 2.0 (S. Sweeney, oral communication, September 2000), with the specific intent of using a more conservative approach. As a result of the FEMA 154 screening, approximately 5,000 buildings had final *S* scores less than 2.5. These buildings, along with a subset of buildings that had FEMA 154 scores higher than 2.5, but were of concern for other reasons, were further evaluated in detail using the FEMA 178 *NEHRP Handbook for the Seismic Evaluation of Existing Buildings* [BSSC, 1992]). Results from the subsequent FEMA 178 evaluations indicated that some buildings that failed the FEMA 154 RVS procedure (that is, had scores less than 2.5) did not fail the FEMA 178 evaluations and that some that passed the FEMA 154 RVS procedure (with scores higher than 2.5) did not pass the FEMA 178 evaluation (that is, were found to have inadequate seismic resistance). This finding emphasizes the

[3] β_0 as used in the National Bureau of Standards study is approximately equivalent to *S* as used herein.

concern identified at the beginning of this chapter that the use of FEMA 154 may not identify potentially earthquake hazardous buildings as such, and that buildings identified as potentially hazardous may prove to be adequate.

Other conclusions and recommendations pertaining to the use of the FEMA 154 RVS procedure that emanated from these applications included the following:

- Involve design professionals in RVS implementation whenever possible to ensure that the lateral-force-resisting structural systems are correctly identified (such identification is particularly difficult in buildings that have been remodeled and added to over the years);
- Conduct intensive training for screeners so that they fully understand how to implement the methodology, in all of its aspects;
- Inspect both the exterior and, if at all possible, the interior of the building;
- Review construction drawings as part of the screening process;
- Review soils information prior to implementation of the methodology in the field; and
- Interpret the results from FEMA 154 screenings in a manner consistent with the level of resources available for the screening (for example, cut-off scores may be dictated by budget constraints).

Most of these recommendations were incorporated in the updated RVS procedure described in this *Handbook*.

4.4 Other Possible Uses of the RVS Procedure

In addition to identifying potentially seismically hazardous buildings needing further evaluation, results from RVS surveys can also be used for other purposes, including: (1) designing seismic hazard mitigation programs for a community (or agency); (2) ranking a community's (or agency's) seismic rehabilitation needs; (3) developing inventories of buildings for use in regional earthquake damage and loss impact assessments; (4) developing inventories of buildings for use in planning postearthquake building safety evaluation efforts; and (5) developing building-specific seismic vulnerability information for purposes such as insurance rating, decision making during building ownership transfers, and possible triggering of remodeling requirements during the permitting process.

Following are descriptions of how RVS results could be used for several of these purposes.

4.4.1 Using RVS Scores as a Basis for Hazardous Building Mitigation Programs

Communities need to develop hazard mitigation plans to establish a solid foundation for the detailed seismic evaluation and rehabilitation of buildings. In developing any hazardous buildings mitigation program, the cost effectiveness of the seismic evaluation and rehabilitation work must be determined. The costs should be evaluated against the direct benefits of the seismic rehabilitation program (that is, reduced physical damage, reduced injuries and loss of life). Additionally, secondary benefits to the community should be considered with the direct benefits. These secondary benefits are difficult to quantify in dollars, but must be considered. Secondary benefits are those that apply to the community as a whole. Examples include:

- reduced interruption to business;
- reduced potential for secondary damage (for example, fires) that could impact otherwise undamaged structures;
- reduced potential for traffic flow problems around areas of significant damage; and
- other reduced economic impacts.

The process of selecting buildings to be rehabilitated begins with the determination of the cut-off Structural Score, *S*, below which detailed building seismic evaluation is required (e.g., by use of the FEMA 310 procedures). Such a determination allows estimates to be made on the costs of additional seismic evaluation and rehabilitation work. From this the benefits are determined. The most cost-effective solution will be the one where the least amount is spent in direct costs to gain the greatest direct and secondary benefits.

After the RVS authority establishes the appropriate cut-off score and completes the screening process, it needs to determine the best way to notify building owners of the need for more review of buildings that score less than the cut-off (if the authority is not the owner of the buildings being screened). At the same time the community needs to develop the appropriate standards (for example, adoption of FEMA 356,

Prestandard and Commentary on the Seismic Rehabilitation of Buildings [ASCE, 2000]) to accomplish the goal of the mitigation program. Ultimately, the mitigation program needs to address those buildings that represent the largest potential threat to life safety and the community. Timelines for compliance with the new standards and the mitigation program should be developed on a priority basis, such that the first priority actions relate to those buildings posing the most significant risk, after which those posing a lesser risk are addressed.

4.4.2 Using RVS Data in Community Building Inventory Development

RVS data can be used to establish building inventories that characterize a community's seismic risk. For example, RVS data could be used to improve the HAZUS (NIBS, 1999) characterization of the local inventory, which has a default level based on population, economic factors, and regional trends. Similarly, RVS could be incorporated directly into a community's Geographic Information System (GIS), allowing the community to generate electronic and paper maps that reflect the building stock of the community. Electronic color coding of the various types of buildings under the RVS authority, based on their ultimate vulnerability, allows the community to see at a glance where the vulnerable areas of the community are found.

4.4.3 Using RVS Data to Plan Post-earthquake Building-Safety-Evaluation Efforts

In a postearthquake environment one of the initial response priorities is to determine rapidly the safety of buildings for continued occupancy. The procedure most often used is that represented in the ATC-20 Report, *Procedures for Postearthquake Safety Evaluation of Buildings* (ATC, 1989, 1995). This procedure is similar in nature to that of the RVS procedure in that initial rapid evaluations are performed to find those buildings that are obviously unsafe (Red placard) and those that have no damage or damage that does not pose a threat to continued occupancy (Green placard). All other buildings fall into a condition where occupancy will need to be restricted in some form (Yellow placard).

The database developed following the completion of the RVS process in a given community will be valuable in setting the priorities of where safety evaluation will be performed first, after a damaging earthquake. For example, a community could use HAZUS software, in combination with RVS-based inventory information, to determine areas where significant damage may exist for various earthquake scenarios. Similarly, a community could use an existing GIS containing RVS inventory data and computer-generated maps of strong ground shaking, such as the ShakeMaps developed by the USGS (ATC, in progress), to estimate the location and distribution of damaged buildings. With such information, community officials would be able to determine those areas where building safety evaluations should be conducted.

Later, the data collected during the postearthquake building safety evaluations could be added to the RVS authority's RVS-based building inventory database. Using GIS, maps can then be prepared showing the damage distribution within the community based on actual building damage. Building locations could be electronically color-coded in accordance with the color of the safety-evaluation placard that is placed on the building: Green, Yellow, or Red.

4.4.4 Resources Needed for the Various Uses of the RVS Procedure

For most applications of the RVS procedure, the resources needed to implement the process are similar, consisting principally of an RVS manager (the RVS authority), technical specialists to train screeners, a team of screeners, materials to be taken into the field (e.g., the *Handbook* and other items listed in Section 2.8), and building construction drawings. Most applications are assisted by the development and maintenance of a computerized database for recordkeeping and the use of geographic information systems (GIS). A matrix showing recommended resources for various FEMA 154 RVS applications is provided in Table 4-1.

Table 4-1 Matrix of Recommended Personnel and Material Resources for Various FEMA 154 RVS Applications*

		Resources						
	Application	*RVS Manager*	*RVS Trainer*	*Screeners*	*Screening Equipment and Supplies*	*Building Drawings*	*Computerized Record Keeping System*	*GIS*
1.	Ranking seismic rehabilitation needs	X	X	X	X	X	X	X
2.	Designing seismic hazard mitigation programs	X	X	X	X	X	X	X
3.	Developing inventories for regional earthquake damage and loss studies	X	X	X	X	X	X	X
4.	Planning postearthquake building safety evaluation efforts	X	X	X	X	X	X	X
5.	Developing building specific vulnerability information	X	X	X	X	X		

*It is recommended that rapid visual screening projects be carried out under the oversight of a design professional with significant experience in seismic design.

Chapter 5

Example Application of Rapid Visual Screening

Presented in this chapter is an illustrative application of the rapid visual screening procedure in the hypothetical community of Anyplace USA. The RVS implementation process (as depicted in Figure 2-1) is described, from budget development to selection of the appropriate Data Collection Form, to the screening of individual buildings in the field. Prior to implementation of the RVS procedure, the RVS authority (the Building and Planning Department of Anyplace) has reviewed the *Handbook* and established the purpose for the RVS.

5.1 Step 1: Budget and Cost Estimation

The RVS authority has been instructed by the city council to conduct the RVS process to identify all buildings in the city, excluding detached single-family and two-family dwellings, that are potentially earthquake hazardous and that should be further evaluated by a design professional experienced in seismic design (the principal purpose of the RVS procedure). It is understood that, depending on the results of the RVS, the city council may adopt future ordinances that establish policy on when, how and by whom low-scoring buildings should be evaluated and on future seismic rehabilitation requirements. It is also desired that the results from the RVS be incorporated in the geographic information system that the city recently installed to map and describe facilities throughout the city, including all buildings and utility systems within the city limits.

The RVS authority has determined there are approximately 1,000 buildings in the city that are not detached single-family or two-family dwellings and that some of the buildings are at least 100 years old. The RVS authority plans (1) to conduct a pre-field data collection and evaluation process to examine and assess information in its existing files and to document building location, size, use, and other information on the Data Collection Forms prior to field screening; (2) to review available building plans prior to field screening; (3) to inspect the interiors of buildings whenever possible; (4) to establish an electronic RVS record-keeping system that is compatible with its GIS; and (5) to train screeners prior to sending them into the field.

Costs to conduct these activities have been estimated, assuming an average of $40 per hour (salary plus benefits) for personnel who perform data evaluation, screening, and record management. Costs are in 2001 dollars. It is assumed that three persons will carry out the pre-field data collection and evaluation process, that four two-person teams of design professionals will conduct the review of building plans and the field screening, that two persons will file all screening data, and that the entire RVS process will take approximately six months. Based on these rates and assumed times to conduct the various activities, the following RVS budget has been established:

1.	Pre-field data collection, evaluation, and processing (1,000 buildings × 0.4 hr/building × $40/hr)	$16,000
2.	Training, including trainer time (24 hours), screener time (8 hours per screener), and materials	4,000
3.	Review of available building plans (500 plan sets × 0.75 hr/plan set × $40/hr)	15,000
4.	Field screening (1,000 buildings × 0.75 hr/building × $40/hr)	30,000
5.	Record-keeping system development	5,000
6.	Electronic filing of Data Collection Forms, including verification of data input (1,000 forms × 0.75 hour/form × $40/hour)	30,000
7.	Subtotal	$100,000
8.	Management (10% of item 7)	10,000
9.	Total	$110,000

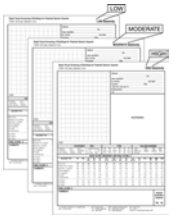
5.2 Step 2: Pre-Field Planning

During the pre-field planning process the RVS authority confirmed that the existing geographic information system was capable of being expanded to include RVS-related information and results. In addition, the RVS authority decided that sufficient soil information was available from the State Geologist to develop an overlay for their GIS containing soils information for the entire city. While not required as part of the RVS process, it was also determined that the city included an area that had isolated pockets of low liquefaction potential, and that there was no area with landslide potential. Consequently the RVS authority concluded that GIS overlays for liquefaction and landslide potential were not warranted.

The RVS authority also verified that the existing GIS had reference tables containing address information for most of the properties in the city (developed earlier from the tax assessor's files) and that these tables could be extracted and included in a new GIS-compatible electronic relational database containing the RVS results. It was also determined that other building and planning department's files contained reliable information on building name, use, size (height and area), structural system, and age for buildings built or remodeled within the last 30 years, and that Sanborn maps, which contain size, age, and other building attribute information (see Section 2.6.3) were available (at the local library) for most of the downtown sector.

Based on this information, the RVS authority confirmed its prior preliminary decision under Step 1 to develop an electronic RVS record keeping system (relational database) that could be imported into the existing GIS. The RVS authority also decided to focus on the downtown sector of Anyplace during the initial phase of the RVS field work, and to expand to the outlying areas later.

5.3 Step 3: Selection and Review of the Data Collection Form



To choose the correct Data Collection Form, the RVS authority elected to establish the seismicity for Anyplace USA by using Method 2 (see Section 2.4.1), rather than by selecting the seismicity region from the maps in Appendix A. Method 2, using the zip-code option, provides more precision than the Appendix A maps which use county boundaries. Method 2 was executed by accessing the USGS seismic hazard web site (http://geohazards.cr.usgs.gov/eq/), selecting Hazard by Zip Code, entering the zip code, 91234, and obtaining spectral acceleration (SA) values for 0.2 second and 1.0 second for ground motions having a 2% probability of being exceeded in 50 years (see Figure 5-1). The values of 2.10 *g* and 0.88 *g* for 0.2 second and 1.0 second, respectively, were multiplied by 2/3 to obtain the reduced values of 1.40 *g* and 0.59 *g*, respectively, for 0.2

```
The input zip-code is 91234.
   ZIP CODE                          91234
   LOCATION                          33.7754 Lat. -118.1860 Long.
   DISTANCE TO NEAREST GRID POINT    3.0229 kms
   NEAREST GRID POINT                33.8 Lat. -118.2 Long.
   Probabilistic ground motion values, in %g, at the Nearest Grid
   point are:
               10%PE in 50 yr   5%PE in 50 yr   2%PE in 50 yr
      PGA       51.809940        70.680931        96.476959
   0.2 sec SA  118.997299       157.833496       210.003403
   0.3 sec SA  114.200897       148.213104       194.634995
   1.0 sec SA   42.566330        60.786320        88.084427
```

Figure 5-1 Screen capture of USGS web page showing SA values for 0.2 sec and 1.0 sec for ground motions having 2% probability of being exceeded in 50 years (values shown in boxes).

second and 1.0 second. These reduced values were compared to the criteria in Table 2-1 to determine that the reduced (using the 2/3 factor) USGS assigned motions met the "high seismicity" criteria for both short-period and long-period motions (that is, 1.40 *g* is greater than 0.5 *g* for the 0.2 second [short-period] motions, and 0.59 *g* is greater than 0.2 *g* for the 1.0 second [long-period] motions). All other zip codes in Anyplace were similarly input to the USGS web site, and the results indicated high seismicity in all cases. On this basis the RVS authority selected the Data Collection Form for high seismicity (Figure 5-2).

Using the checklist of Table 2-3, the RVS authority reviewed the Data Collection Form to determine if the occupancy categories and occupancy loads were useful for their purposes and evaluated other parameters on the form, deciding that no changes were needed. The RVS authority also conferred with the chief building official, the department's plan checkers, and local design professionals to establish key seismic code adoption dates for the various building lateral-load-resisting systems considered by the RVS and for anchorage of heavy cladding. It was determined that Anyplace adopted seismic codes for W1, W2, S1, S5, C1, C3, RM1, and RM2 building types in 1933, and that seismic codes were never adopted for URM buildings (after 1933 they were no longer permitted to be built). For S2, S3, S4 and PC2 buildings, it was assumed for purposes of the RVS procedure that seismic codes were adopted in 1941, using the default year recommended in Section 2.4.2. For PC1 buildings, it was assumed that seismic codes were first adopted in 1973 (per the guidance provided in Section 2.4.2). It was also determined that seismically rehabilitated URM buildings should be treated as buildings designed in accordance with a seismic code (that is, treated as if they were designed in 1933 or thereafter). Because Anyplace has been consistently adopting the *Uniform Building Code* since the early 1960s, benchmark years for all building types, except URM, were taken from the "UBC" column in Table 2-2. The year in which seismic anchorage requirements for heavy cladding was determined to be 1967. These findings were indicated on the Quick Reference Guide (See Figure 5-3).

5.4 Step 4: Qualifications and Training for Screeners

Anyplace USA selected RVS screeners from two sources: the staff of the Department of Building and Planning, and junior-level engineers from local engineering offices, who were hired on a temporary consulting basis. Training was carried out by one of the department's most experienced plan checkers, who spent approximately 24 hours reading the FEMA 154 *Handbook* and preparing training materials.

As recommended in this *Handbook*, the training was conducted in a classroom setting and consisted of: (1) discussions of lateral-force-resisting systems and how they behave when subjected to seismic loads; (2) how to use the Data Collection Form and the Quick Reference Guide; (3) a review of the Basic Structural Hazard Scores and Score Modifiers; (4) what to look for in the field; (5) how to account for uncertainty; and (6) an exercise in which screeners were shown interior and exterior photographs of buildings and asked to identify the lateral-load-resisting system and vertical and plan irregularities. The training class also included focused group interaction sessions, principally in relation to the identification of structural systems and irregularities using exterior and interior photographs. Screeners were also instructed on items to take into the field.

5.5 Step 5: Acquisition and Review of Pre-Field Data

As described in the Pre-Field Planning process (Step 2 above), the RVS authority of Anyplace USA already had electronic GIS reference tables containing street addresses and parcel numbers for most of the buildings in the city. These data (addresses and parcel numbers) were extracted from the electronic GIS system (see screen capture of GIS display showing parcel number and other available information for an example site, Figure 5-4) and imported into a standard off-the-shelf electronic database as a table. To facilitate later

Rapid Visual Screening of Buildings for Potential Seismic Hazards

FEMA-154 Data Collection Form

HIGH Seismicity

Address: _____

_____ Zip _____

Other Identifiers _____

No. Stories _____ Year Built _____

Screener _____ Date _____

Total Floor Area (sq. ft.) _____

Building Name _____

Use _____

Scale:

PHOTOGRAPH

OCCUPANCY			SOIL		TYPE						FALLING HAZARDS			
Assembly	Govt	Office	Number of Persons		A	B	C	D	E	F	☐	☐	☐	☐
Commercial	Historic	Residential	0 – 10	11 – 100	Hard Rock	Avg. Rock	Dense Soil	Stiff Soil	Soft Soil	Poor Soil	Unreinforced Chimneys	Parapets	Cladding	Other:
Emer. Services	Industrial	School	101-1000	1000+										

BASIC SCORE, MODIFIERS, AND FINAL SCORE, *S*

BUILDING TYPE	W1	W2	S1 (MRF)	S2 (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM
Basic Score	**4.4**	**3.8**	**2.8**	**3.0**	**3.2**	**2.8**	**2.0**	**2.5**	**2.8**	**1.6**	**2.6**	**2.4**	**2.8**	**2.8**	**1.8**
Mid Rise (4 to 7 stories)	N/A	N/A	+0.2	+0.4	N/A	+0.4	+0.4	+0.4	+0.4	+0.2	N/A	+0.2	+0.4	+0.4	0.0
High Rise (> 7 stories)	N/A	N/A	+0.6	+0.8	N/A	+0.8	+0.8	+0.6	+0.8	+0.3	N/A	+0.4	N/A	+0.6	N/A
Vertical Irregularity	-2.5	-2.0	-1.0	-1.5	N/A	-1.0	-1.0	-1.5	-1.0	-1.0	N/A	-1.0	-1.0	-1.0	-1.0
Plan irregularity	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
Pre-Code	0.0	-1.0	-1.0	-0.8	-0.6	-0.8	-0.2	-1.2	-1.0	-0.2	-0.8	-0.8	-1.0	-0.8	-0.2
Post-Benchmark	+2.4	+2.4	+1.4	+1.4	N/A	+1.6	N/A	+1.4	+2.4	N/A	+2.4	N/A	+2.8	+2.6	N/A
Soil Type C	0.0	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
Soil Type D	0.0	-0.8	-0.6	-0.6	-0.6	-0.6	-0.4	-0.6	-0.6	-0.4	-0.6	-0.6	-0.6	-0.6	-0.6
Soil Type E	0.0	-0.8	-1.2	-1.2	-1.0	-1.2	-0.8	-1.2	-0.8	-0.8	-0.4	-1.2	-0.4	-0.6	-0.8

FINAL SCORE, *S*

COMMENTS

Detailed Evaluation Required

YES NO

* = Estimated, subjective, or unreliable data
DNK = Do Not Know

BR = Braced frame
FD = Flexible diaphragm
LM = Light metal

MRF = Moment-resisting frame
RC = Reinforced concrete
RD = Rigid diaphragm

SW = Shear wall
TU = Tilt up
URM INF = Unreinforced masonry infill

Figure 5-2 High seismicity Data Collection Form selected for Anyplace, USA.

Rapid Visual Screening of Buildings for Potential Seismic Hazards (FEMA 154)

Quick Reference Guide (for use with Data Collection Form)

1. Model Building Types and Critical Code Adoption and Enforcement Dates

Structural Types		Year Seismic Codes Initially Adopted and Enforced*	Benchmark Year when Codes Improved
W1	Light wood frame, residential or commercial, ≤ 5000 square feet	1933	1976
W2	Wood frame buildings, > 5000 square feet.	1933	1976
S1	Steel moment-resisting frame	1933	1994
S2	Steel braced frame	1941	1988
S3	Light metal frame	1941	None
S4	Steel frame with cast-in-place concrete shear walls	1941	1976
S5	Steel frame with unreinforced masonry infill	1933	None
C1	Concrete moment-resisting frame	1933	1976
C2	Concrete shear wall	1941	1976
C3	Concrete frame with unreinforced masonry infill	1933	None
PC1	Tilt-up construction	1973	1997
PC2	Precast concrete frame	1941	None
RM1	Reinforced masonry with flexible floor and roof diaphragms	1933	1997
RM2	Reinforced masonry with rigid diaphragms	1933	1976
URM	Unreinforced masonry bearing-wall buildings	1933	N/A

*Not applicable in regions of low seismicity

2. Anchorage of Heavy Cladding

Year in which seismic anchorage requirements were adopted: 1967

3. Occupancy Loads

Use	Square Feet, Per Person	Use	Square Feet, Per Person
Assembly	varies, 10 minimum	Industrial	200-500
Commercial	50-200	Office	100-200
Emergency Services	100	Residential	100-300
Government	100-200	School	50-100

4. Score Modifier Definitions

Mid-Rise:	4 to 7 stories
High-Rise:	8 or more stories
Vertical Irregularity:	Steps in elevation view; inclined walls; building on hill; soft story (e.g., house over garage); building with short columns; unbraced cripple walls.
Plan Irregularity	Buildings with re-entrant corners (L, T, U, E, + or other irregular building plan); buildings with good lateral resistance in one direction but not in the other direction; eccentric stiffness in plan, (e.g. corner building, or wedge-shaped building, with one or two solid walls and all other walls open).
Pre-Code:	Building designed and constructed prior to the year in which seismic codes were first adopted and enforced in the jurisdiction; use years specified above in Item 1; default is 1941, except for PC1, which is 1973.
Post-Benchmark:	Building designed and constructed after significant improvements in seismic code requirements (e.g., ductile detailing) were adopted and enforced; the benchmark year when codes improved may be different for each building type and jurisdiction; use years specified above in Item 1 (see Table 2-2 of FEMA 154 *Handbook* for additional information).
Soil Type C:	Soft rock or very dense soil; S-wave velocity: 1200 – 2500 ft/s; blow count > 50; or undrained shear strength > 2000 psf.
Soil Type D:	Stiff soil; S-wave velocity: 600 – 1200 ft/s; blow count: 15 – 50; or undrained shear strength: 1000 – 2000 psf.
Soil Type E:	Soft soil; S-wave velocity < 600 ft/s; or more than 100 ft of soil with plasticity index > 20, water content > 40%, and undrained shear strength < 500 psf.

Figure 5-3 Quick Reference Guide for Anyplace USA showing entries for years in which seismic codes were first adopted and enforced and benchmark years.

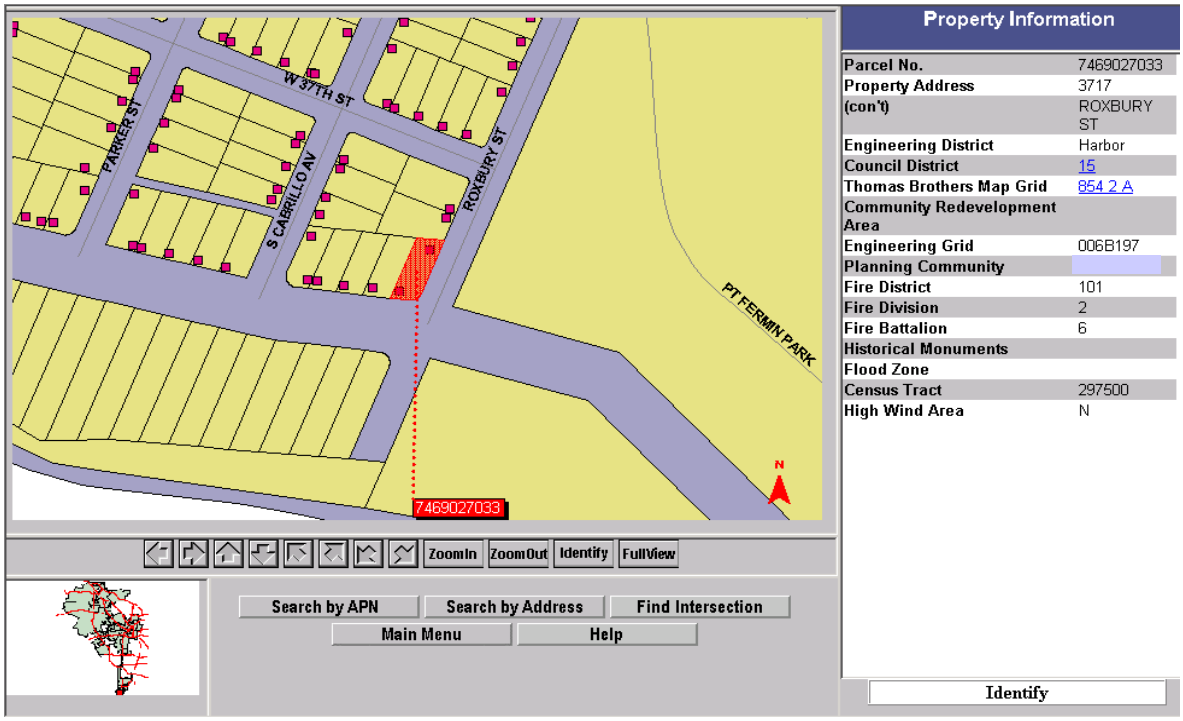


Figure 5-4 Property information at example site in city's geographic information system.

use in the GIS, the street addresses were subdivided into the following fields: the numeric part of the address; the street prefix (for example, "North"); the street name; and the street suffix (for example, "Drive"). A zip code field was added, zip codes for each street address were obtained using zip code lists available from the US Postal Service, and these data were also added to the database. This process yielded 950 street addresses, with parcel number and zip code, andestablished the initial information in Anyplace's electronic "Building RVS Database".

Permitting files, which contained data on buildings constructed or remodeled within the last 30 years (including parcel number), were then reviewed to obtain information on building name (if available), use, building height (height in feet and number of stories), total floor area, age (year built), and structural system. This process yielded information (from paper file folders) on approximately 500 buildings. Fields were added to the Building RVS Database for each of these attributes and data were added to the appropriate records (searching on parcel number) in the database; in the case of structure type, the entry included an asterisk to denote uncertainty. If an address was missing in the database, a new record containing that address and related data was added. On average, 30 minutes per building were required to extract the correct information from the permitting files and insert it into the electronic database.

The city's librarian provided copies of available Sanborn maps, which were reviewed to identify information on number of stories, year built, building size (square footage), building use, and limited information on structural type for approximately 200 buildings built prior to 1960. These data were added to the appropriate record (searching on address) in the Building RVS Database; in the case of structure type, the entry included an asterisk to denote uncertainty. If an address was missing in the database, a new record containing that address and related data was added. For this effort, 45 minutes per building, on average, were required to extract the correct information from the Sanborn maps and insert it into the electronic database.During the pre-field data collection and review process the RVS authority also obtained an electronic file of soils data (characterized in terms of the soil types described in Section 2.6.6) from the State Geologist and created an overlay of this information in the city's GIS system. Points defined by the addresses in the GIS reference tables (including newly identified addresses added to the references tables as a result of the above-cited efforts) were combined with the soils type overlay, and soil type was then assigned to each point (address) by a standard GIS operating

procedure. The soils type information for each address was then transferred back to the Building RVS Database table into a new field for each building's soil type.

Based on the above efforts, Anyplace's Building RVS Database was expanded to include approximately 1,000 records with address, parcel number, zip code, and soils information, and approximately 700 of these records also contained information on building name (if any), use, number of stories, total floor area, year built, and structure type.

5.6 Step 6: Review of Construction Documents

Fortuitously, the city had retained microfilm copies of building construction documents submitted with each permit filing during the last 30 years, and copies of these documents were available for 500 buildings (the same subset described in Step 5 above). Teams consisting of one building department staff member and one consulting engineer reviewed these documents to verify, or identify, the lateral-force-resisting system for each building. Any new or revised information on structure type derived as part of this process was then inserted in the Building RVS Database, in which case, previously existing information in this field, along with the associated asterisk denoting uncertainty, was removed. On average, this effort required approximately 30 minutes per plan set, including database corrections.

5.7 Step 7: Field Screening of Buildings

Immediately prior to field screening (that is, at the conclusion of Step 6 above), the RVS authority acquired an electronic template of the Data Collection Form from the web site of the Applied Technology Council (www.atcouncil.org) and used this template to create individual Data Collection Forms for each record in the Building RVS Database. Each form contained unique information in the building identification portion of the form, with "Parcel Number" shown as "Other Identifiers" information (see Figure 5-2). In those instances where structure type information was included in the database, this information was also added as "Other Identifiers" information, with an asterisk if still uncertain. Soil type information was indicated on each form by circling the appropriate letter (and brief description) in the "Soil Type" section of the form (see Figure 5-2).

The Data Collection Forms, including blank forms for use with buildings not yet in the Building RVS Database, were distributed to the RVS screeners along with their RVS assignments (on a block-by-block basis). Screeners were advised that some of the database information printed on the form (e.g., number of stories, structure type denoted with an *) would need to be verified in the field, that approximately 700 of the 1,000 Data Collection Forms had substantially complete, but not necessarily verified, information in the location portion of the form, and that all 1,000 forms had street, address, parcel number, zip code, and soil type information.

Prior to field work, each screener was reminded to complete the Data Collection Form at each site before moving on to the next site, including adding his or her name as the screener and the screening date (in the building identification section of the form).

Following are several examples illustrating rapid visual screening in the field and completion of the Data Collection Form. Some examples use forms containing relatively complete building identification information, including structure type, obtained during the pre-field data acquisition and review process (Step 5); others use forms containing less complete building identification information; and still others use blank forms completely filled in at the site.

Example 1: 3703 Roxbury Street

Upon arriving at the site the screeners observed the building as a whole (Figure 5-5) and began the process of verifying the information in the building identification portion of the form (upper right corner), starting with the street address. The building's lateral-force-resisting system (S2, steel braced frame) was verified by looking at the building with binoculars (see Figure 5-6). The number of stories (10), use (office), and year built (1986) were also confirmed by inspection. The base dimensions of the building were estimated by pacing off the distance along each face, assuming 3 feet per stride, resulting in the determination that it was 75 ft x 100 ft in plan.

Figure 5-5 Exterior view of 3703 Roxbury Street.

On this basis, the listed square footage of 76,000 square feet was verified as correct (see Figure 5-7). The screeners also added their names and the date of the field screening to the building identification portion of the form.

A sketch of the plan and elevation views of the building were drawn in the "Sketch" portion of the form.

The building use was circled in the "Occupancy" portion, and from Section 3 of the Quick Reference Guide, the occupancy load was estimated at 75,000/150 = 500. Hence, the occupancy range of 101-1000 was circled.

Figure 5-6 Close-up view of 3703 Roxbury Street exterior showing perimeter braced steel framing.

No falling hazards were observed, as glass cladding is not considered as heavy cladding.

The next step in the process was to circle the appropriate Basic Structural Hazard Score and the appropriate Score Modifiers. Having verified the lateral-force-resisting system as S2, this code was circled along with the Basic Structural Score beneath it (see Figure 5-8). Because the building is high rise (8 stories or more) this modifier was circled. Noting that the soil is type D, as already determined during the pre-field data acquisition phase and indicated in the Soil Type portion of the form, the modifier for Soil Type D was circled. By adding the column of circled numbers, a Final Score of 3.2 was determined. Because this score was greater than the cut-off score of 2.0, the building did not require a detailed evaluation by an experienced seismic design professional. Lastly, an instant camera photo of the building was attached to the form.

Rapid Visual Screening of Buildings for Potential Seismic Hazards

FEMA 154 Data Collection Form **Example 1** **HIGH Seismicity**

Address: 3703 Roxbury St.
Anyplace Zip 91234
Other Identifiers Parcel 7469027035; S2
No. Stories 10 Year Built 1986
Screener A. Jones/D. Taylor Date 2/28/01
Total Floor Area (sq. ft.) 76,000 Sq. ft.
Building Name Smith & Co.
Use Office

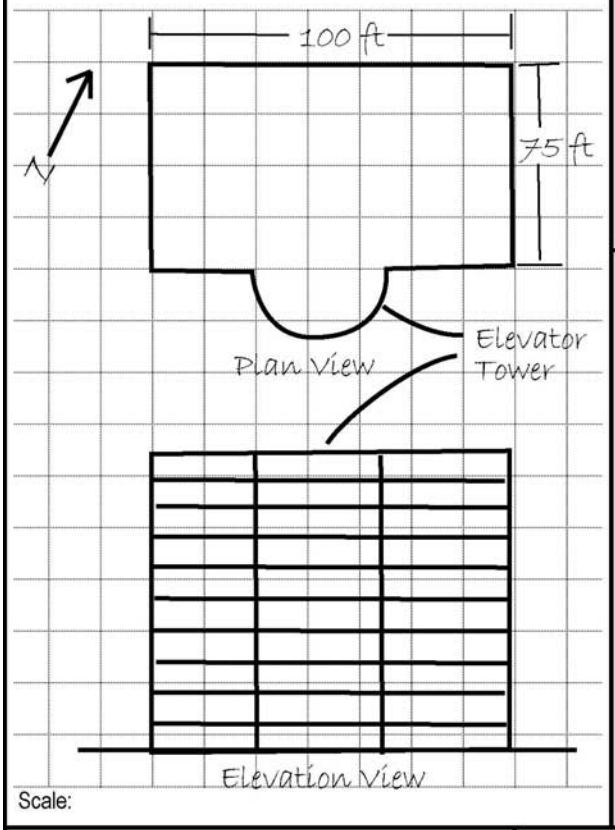
Figure 5-7 Building identification portion of Data Collection Form for Example 1, 3703 Roxbury Street.

Rapid Visual Screening of Buildings for Potential Seismic Hazards

FEMA-154 Data Collection Form

Example 1

HIGH Seismicity



Address: 3703 Roxbury St.
Anyplace Zip 91234
Other Identifiers Parcel 7469027035; S2
No. Stories 10 Year Built 1986
Screener A. Jones/D. Taylor Date 2/28/01
Total Floor Area (sq. ft.) 76,000 Sq. ft.
Building Name Smith & Co.
Use Office

OCCUPANCY — **SOIL**

Assembly, Commercial, Emer. Services; Govt, Historic, Industrial; (Office), Residential, School

Number of Persons: 0 – 10, 11 – 100, (101-1000), 1000+

TYPE

A Hard Rock; B Avg. Rock; C Dense Soil; (D Stiff Soil); E Soft Soil; F Poor Soil

FALLING HAZARDS

☐ Unreinforced Chimneys ☐ Parapets ☐ Cladding ☐ Other: _____

BASIC SCORE, MODIFIERS, AND FINAL SCORE, *S*

BUILDING TYPE	W1	W2	S1 (MRF)	(S2) (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM
Basic Score	4.4	3.8	2.8	(3.0)	3.2	2.8	2.0	2.5	2.8	1.6	2.6	2.4	2.8	2.8	1.8
Mid Rise (4 to 7 stories)	N/A	N/A	+0.2	+0.4	N/A	+0.4	+0.4	+0.4	+0.4	+0.2	N/A	+0.2	+0.4	+0.4	0.0
High Rise (> 7 stories)	N/A	N/A	+0.6	(+0.8)	N/A	+0.8	+0.8	+0.6	+0.8	+0.3	N/A	+0.4	N/A	+0.6	N/A
Vertical Irregularity	-2.5	-2.0	-1.0	-1.5	N/A	-1.0	-1.0	-1.5	-1.0	-1.0	N/A	-1.0	-1.0	-1.0	-1.0
Plan irregularity	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
Pre-Code	0.0	-1.0	-1.0	-0.8	-0.6	-0.8	-0.2	-1.2	-1.0	-0.2	-0.8	-0.8	-1.0	-0.8	-0.2
Post-Benchmark	+2.4	+2.4	+1.4	+1.4	N/A	+1.6	N/A	+1.4	+2.4	N/A	+2.4	N/A	+2.8	+2.6	N/A
Soil Type C	0.0	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
Soil Type D	0.0	-0.8	-0.6	(-0.6)	-0.6	-0.6	-0.4	-0.6	-0.6	-0.4	-0.6	-0.6	-0.6	-0.6	-0.6
Soil Type E	0.0	-0.8	-1.2	-1.2	-1.0	-1.2	-0.8	-1.2	-0.8	-0.8	-0.4	-1.2	-0.4	-0.6	-0.8

FINAL SCORE, *S* 3.2

COMMENTS

Detailed Evaluation Required

YES (NO)

* = Estimated, subjective, or unreliable data
DNK = Do Not Know

BR = Braced frame
FD = Flexible diaphragm
LM = Light metal

MRF = Moment-resisting frame
RC = Reinforced concrete
RD = Rigid diaphragm

SW = Shear wall
TU = Tilt up
URM INF = Unreinforced masonry infill

Figure 5-8 Completed Data Collection Form for Example 1, 3703 Roxbury Street.

Example 2: 3711 Roxbury Street

Upon arrival at the site, the screeners observed the building as a whole (Figure 5-9). Unlike Example 1, there was little information in the building identification portion of the form (only street address, zip code, and parcel number were provided). The screeners determined the number of stories to be 12 and the building use to be commercial and office. They paced off the building plan dimensions to estimate the plan size to be 58 feet x 50 feet. Based on this information, the total square footage was estimated to be 34,800 square feet (12 x 50 x 58), and the number of stories, use, and square footage were written on the form. Based on a review of information in Appendix D of this *Handbook*, the year of construction was estimated to be 1944 and this date was written on the form.

A sketch of the plan and elevation views of the building were drawn in the "Sketch" portion of the form.

The building use was circled in the "Occupancy" portion, and from Section 3 of the Quick Reference Guide, the occupancy load was estimated at 34,800/135[♦] = 258. Hence, the occupancy range of 101-1000 was circled.

The cornices at roof level were observed, and entered on the form.

Noting that the estimated construction date was 1944 and that it was a 12-story building , a review of the material in Table D-6 (Appendix D), indicated that the likely options for building type were S1, S2, S5, C1, C2, or C3. On more careful examination of the building exterior with the use of binoculars (see Figure 5-10), it was determined the building was type C3, and this alpha-numeric code, and accompanying Basic Structural Score, were circled on the Data Collection Form.

Because the building was high-rise (more than 7 stories), this modifier was circled, and because the four individual towers extending above the base represented a vertical irregularity, this modifier was circled. Noting that the soil is type D, as already determined during the pre-field data acquisition phase and indicated in the Soil Type portion of the form, the modifier for Soil Type D was circled.

By adding the column of circled numbers, a Final Score of 0.5 was determined. Because this score was less than the cut-off score of 2.0, the building required a detailed evaluation by an experienced seismic design professional. Lastly, an instant camera photo of the building was attached to the Data Collection Form (a completed version of the form is provided in Figure 5-11).

Figure 5-9 Exterior view of 3711 Roxbury.

Figure 5-10 Close-up view of 3711 Roxbury Street building exterior showing infill frame construction.

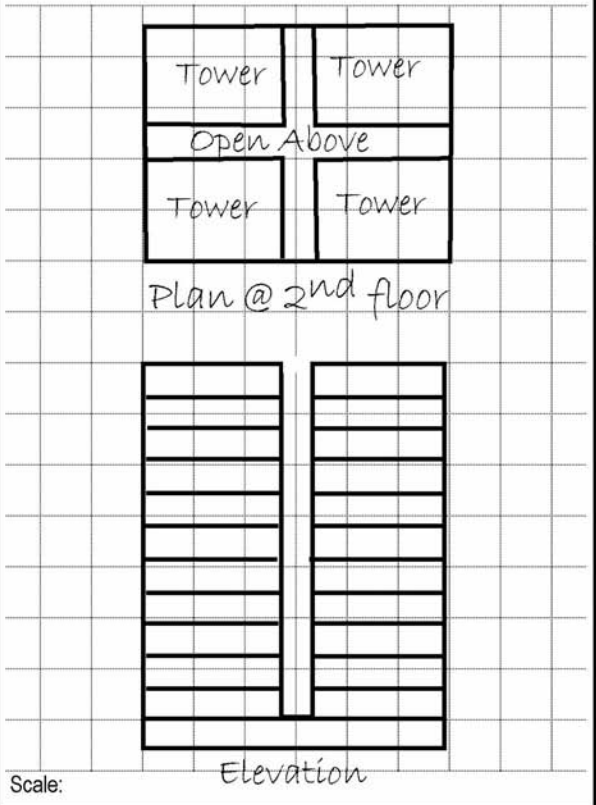
[♦] The "135" value is the approximate average of the mid-range occupancy load for commercial buildings (125 sq. ft. per person) and the mid-range occupancy load for office buildings (150 sq. ft. per person).

Rapid Visual Screening of Buildings for Potential Seismic Hazards

FEMA-154 Data Collection Form

Example 2

HIGH Seismicity



Address: 3711 Roxbury St.
Anyplace Zip 91234
Other Identifiers Parcel 7469027034
No. Stories 12 Year Built 1944
Screener A. Jones/D. Tayor Date 2/28/01
Total Floor Area (sq. ft.) 34,800
Building Name
Use Commercial and Offices above

OCCUPANCY: Assembly; (Commercial); Emer. Services; Govt; Historic; Industrial; (Office); Residential; School

SOIL: Number of Persons: 0 – 10; (101-1000); 11 – 100; 1000+

TYPE: A Hard Rock; B Avg. Rock; C Dense Soil; (D Stiff Soil); E Soft Soil; F Poor Soil

FALLING HAZARDS: ☐ Unreinforced Chimneys; ☐ Parapets; ☐ Cladding; ☒ Other: Cornices

BASIC SCORE, MODIFIERS, AND FINAL SCORE, *S*

BUILDING TYPE	W1	W2	S1 (MRF)	S2 (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM
Basic Score	4.4	3.8	2.8	3.0	3.2	2.8	2.0	2.5	2.8	1.6	2.6	2.4	2.8	2.8	1.8
Mid Rise (4 to 7 stories)	N/A	N/A	+0.2	+0.4	N/A	+0.4	+0.4	+0.4	+0.4	+0.2	N/A	+0.2	+0.4	+0.4	0.0
High Rise (> 7 stories)	N/A	N/A	+0.6	+0.8	N/A	+0.8	+0.8	+0.6	+0.8	+0.3	N/A	+0.4	N/A	+0.6	N/A
Vertical Irregularity	-2.5	-2.0	-1.0	-1.5	N/A	-1.0	-1.0	-1.5	-1.0	-1.0	N/A	-1.0	-1.0	-1.0	-1.0
Plan irregularity	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
Pre-Code	0.0	-1.0	-1.0	-0.8	-0.6	-0.8	-0.2	-1.2	-1.0	-0.2	-0.8	-0.8	-1.0	-0.8	-0.2
Post-Benchmark	+2.4	+2.4	+1.4	+1.4	N/A	+1.6	N/A	+1.4	+2.4	N/A	+2.4	N/A	+2.8	+2.6	N/A
Soil Type C	0.0	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
Soil Type D	0.0	-0.8	-0.6	-0.6	-0.6	-0.6	-0.4	-0.6	-0.6	-0.4	-0.6	-0.6	-0.6	-0.6	-0.6
Soil Type E	0.0	-0.8	-1.2	-1.2	-1.0	-1.2	-0.8	-1.2	-0.8	-0.8	-0.4	-1.2	-0.4	-0.6	-0.8

FINAL SCORE, *S* 0.5

COMMENTS

Detailed Evaluation Required (YES) NO

* = Estimated, subjective, or unreliable data
DNK = Do Not Know

BR = Braced frame
FD = Flexible diaphragm
LM = Light metal
MRF = Moment-resisting frame
RC = Reinforced concrete
RD = Rigid diaphragm
SW = Shear wall
TU = Tilt up
URM INF = Unreinforced masonry infill

Figure 5-11 Completed Data Collection Form for Example 2, 3711 Roxbury Street.

Example 3: 5020 Ebony Drive

Example 3 was a high-rise residential building (Figure 5-12) in a new part of the city in which new development had begun within the last few years. The building was not included in the electronic Building RVS Database, and consequently there was not a partially prepared Data Collection Form for this building. Based on visual inspection, the screeners determined that the building had 22 stories, including a tall-story penthouse, estimated that it was designed in 1996, and concluded that its use was both commercial (in the first story) and residential in the upper stories. The screeners paced off the building plan dimensions to estimate the plan size to be approximately 270 feet x 180 feet. Based on this information and considering the symmetric but non-rectangular floor plan, the total square footage was estimated to be 712,800 square feet. These data were written on the form, along with the names of the screeners and the date of the screening. The screeners also drew a sketch of a portion of the plan view of the building in the space on the form allocated for a "Sketch".

The building use (commercial and residential) was circled in the "Occupancy" portion, and from Section 3 of the Quick Reference Guide, the occupancy load was estimated at 712,800/200 = 3,564. Based on this information, the occupancy range of 1000+ was circled.

While the screeners reasonably could have assumed a type D soil, which was the condition at the adjacent site approximately ½ mile away, they concluded they had no basis for assigning a soil type. Hence they followed the instructions in the *Handbook* (Section 3.4), which specifies that if there is no basis for assigning a soil type, soil type E should be assumed. Accordingly, this soil type was circled on the form.

Given the design date of 1996, the anchorage for the heavy cladding on the exterior of the building was assumed to have been designed to meet the anchorage requirements initially adopted in 1967 (per the information on the Quick Reference Guide). No other falling hazards were observed.

The window spacing in the upper stories and the column spacing at the first floor level indicated the building was either a steel moment-frame building, or a concrete moment-frame building. The screeners attempted to view the interior but were not provided with permission to do so. They elected to indicate that the building was either an S1 or C1 type on the Data Collection Form and circled both types, along with their Basic Structural Scores. In addition, the screeners circled the modifiers for high rise (8 stories or more) and post-benchmark year, given that the estimated design date (1996) occurred after the benchmark years for both S1 and C1 building types (per the information on the Quick Reference Guide). They also circled the modifier for soil type E (in both the S1 and C1 columns).

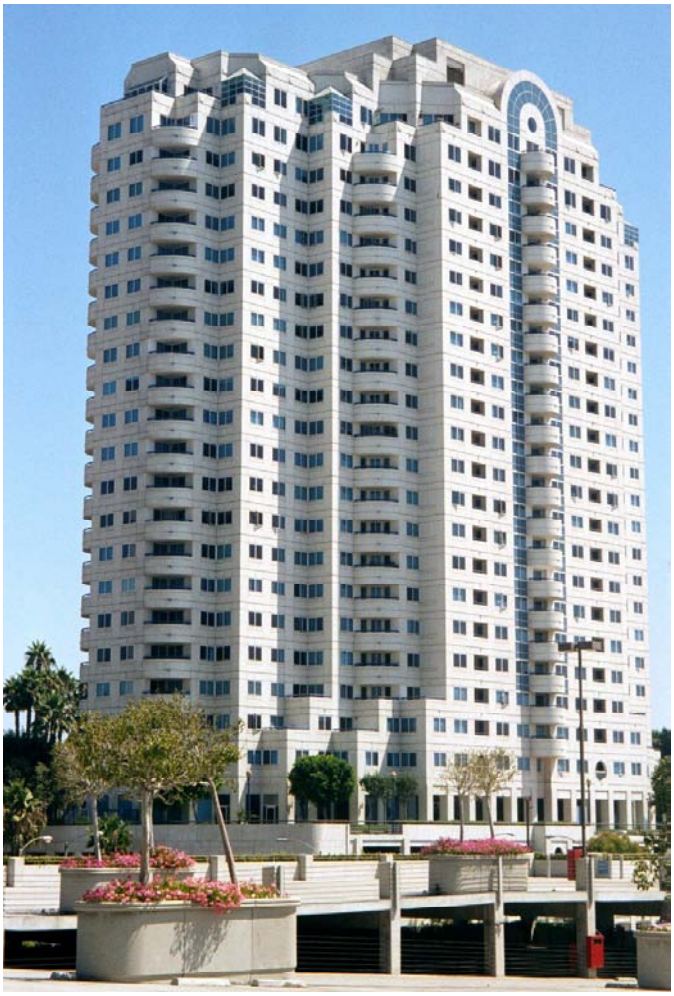


Figure 5-12 Exterior view of 5020 Ebony Drive.

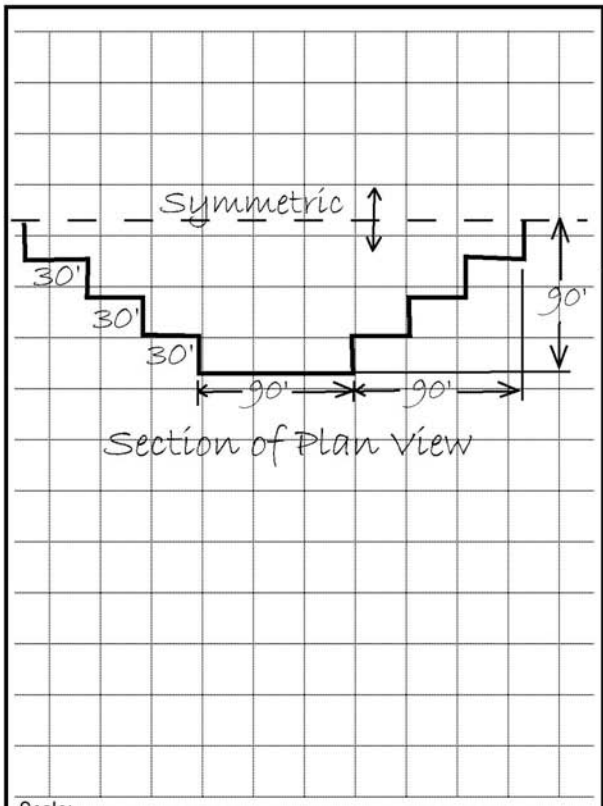
By adding the circled numbers in both the S1 and C1 columns, Final Scores of 3.6 and 3.3 respectively were determined for the two building types. Because both scores were greater than the cut-off score of 2.0, a detailed evaluation of the building by an experienced seismic design professional was not required. Before leaving the site, the screeners photographed the building and attached the photo to the Data Collection Form. A completed version of the Data Collection Form is provided in Figure 5-13.

Rapid Visual Screening of Buildings for Potential Seismic Hazards

FEMA-154 Data Collection Form

Example 3

HIGH Seismicity



Address: 5020 Ebony Drive
Anyplace Zip 91011
Other Identifiers
No. Stories 22 Year Built 1996
Screener A. Jones/D. Taylor Date 2/28/01
Total Floor Area (sq. ft.) 712,800
Building Name
Use Residential and Commercial

OCCUPANCY: ~~Assembly~~ Commercial Emer. Services; Govt Historic Industrial; ~~Office~~ Residential School

SOIL: Number of Persons: 0 – 10; 11 – 100; 101-1000; (1000+)

TYPE: A Hard Rock; B Avg. Rock; C Dense Soil; D Stiff Soil; (E Soft Soil); F Poor Soil

FALLING HAZARDS: ☐ Unreinforced Chimneys; ☐ Parapets; ☐ Cladding; ☐ Other:

BASIC SCORE, MODIFIERS, AND FINAL SCORE, *S*

BUILDING TYPE	W1	W2	S1 (MRF)	S2 (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM
Basic Score	4.4	3.8	2.8	3.0	3.2	2.8	2.0	2.5	2.8	1.6	2.6	2.4	2.8	2.8	1.8
Mid Rise (4 to 7 stories)	N/A	N/A	+0.2	+0.4	N/A	+0.4	+0.4	+0.4	+0.4	+0.2	N/A	+0.2	+0.4	+0.4	0.0
High Rise (> 7 stories)	N/A	N/A	+0.6	+0.8	N/A	+0.8	+0.8	+0.6	+0.8	+0.3	N/A	+0.4	N/A	+0.6	N/A
Vertical Irregularity	-2.5	-2.0	-1.0	-1.5	N/A	-1.0	-1.0	-1.5	-1.0	-1.0	N/A	-1.0	-1.0	-1.0	-1.0
Plan irregularity	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
Pre-Code	0.0	-1.0	-1.0	-0.8	-0.6	-0.8	-0.2	-1.2	-1.0	-0.2	-0.8	-0.8	-1.0	-0.8	-0.2
Post-Benchmark	+2.4	+2.4	+1.4	+1.4	N/A	+1.6	N/A	+1.4	+2.4	N/A	+2.4	N/A	+2.8	+2.6	N/A
Soil Type C	0.0	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
Soil Type D	0.0	-0.8	-0.6	-0.6	-0.6	-0.6	-0.4	-0.6	-0.6	-0.4	-0.6	-0.6	-0.6	-0.6	-0.6
Soil Type E	0.0	-0.8	-1.2	-1.2	-1.0	-1.2	-0.8	-1.2	-0.8	-0.8	-0.4	-1.2	-0.4	-0.6	-0.8

FINAL SCORE, *S* 3.6 3.3

COMMENTS Screeners could not determine if building type was C1 or S1; hence both types were scored, with similar results.

Detailed Evaluation Required YES (NO)

* = Estimated, subjective, or unreliable data
DNK = Do Not Know

BR = Braced frame
FD = Flexible diaphragm
LM = Light metal

MRF = Moment-resisting frame
RC = Reinforced concrete
RD = Rigid diaphragm

SW = Shear wall
TU = Tilt up
URM INF = Unreinforced masonry infill

Figure 5-13 Completed Data Collection Form for Example 3, 5020 Ebony Drive.

Figure 5-14 Exterior view of 1450 Addison Avenue.

Example 4: 1450 Addison Avenue

The building at 1450 Addison Avenue (see Figure 5-14) was a 1-story commercial building designed in 1990, per the information provided in the building identification portion of the Data Collection Form. By inspection the screeners confirmed the address, number of stories, use (commercial), and year built (Figure 5-15). The screeners paced off the building plan dimensions to estimate the plan size (estimated to be 10,125 square feet), confirming the square footage shown on the identification portion of the form. The L-shaped building was drawn on the form, along with the dimensions of the various legs.

The building's commercial use was circled in the "Occupancy" portion, and from Section 3 of the Quick Reference Guide, the occupancy load was estimated at 10,200/125 = 80. Hence, the occupancy range of 11-100 was circled. No falling hazards were observed.

The building type (W2) was circled on the form along with its Basic Structural Score. Because the building was L-shaped in plan the modifier for plan irregularity was circled. Because soil type C had been circled in the Soil Type box (based on the information in the Building RVS Database) the modifier for soil type C was circled.

By adding the column of circled numbers, a Final Score of 5.3 was determined. Because this score was greater than the cut-off score of 2.0, the building did not require a detailed evaluation by an experienced seismic design professional. Lastly, an instant camera photo of the building was attached to the Data Collection Form. A completed version of the form is provided in Figure 5-16.

Rapid Visual Screening of Buildings for Potential Seismic Hazards

FEMA 154 Data Collection Form **Example 4** **HIGH Seismicity**

Address: 1450 Addison Avenue
Anyplace Zip 91230
Other Identifiers Parcel 16287654958
No. Stories 1 Year Built 1990
Screener A. Jones/D. Taylor Date 2/28/01
Total Floor Area (sq. ft.) 10,200
Building Name
Use Commercial

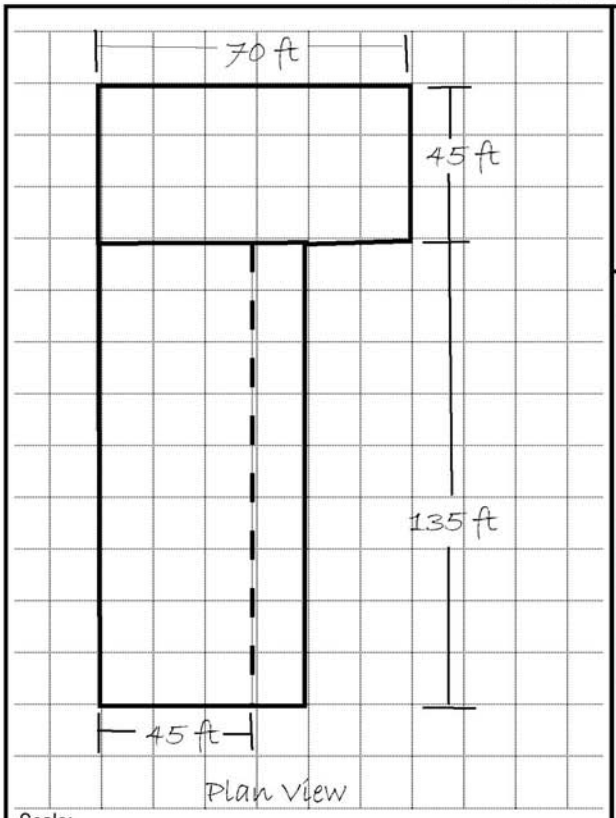
Figure 5-15 Building identification portion of Data Collection Form for Example 4, 1450 Addison Avenue.

Rapid Visual Screening of Buildings for Potential Seismic Hazards

FEMA-154 Data Collection Form

Example 4

HIGH Seismicity



Scale:

Address: 1450 Addison Avenue
Anyplace Zip 91230
Other Identifiers Parcel 16287654958
No. Stories 1 Year Built 1990
Screener A. Jones/D. Taylor Date 2/28/01
Total Floor Area (sq. ft.) 10,200
Building Name
Use Commercial

OCCUPANCY

Assembly, Commercial, ~~Emer. Services~~, Govt, Historic, Industrial, Office, Residential, School

SOIL

Number of Persons: 0 – 10, 11 – 100, 101-1000, ~~1000+~~

TYPE

A Hard Rock, B Avg. Rock, C Dense Soil, D Stiff Soil, E Soft Soil, F Poor Soil

FALLING HAZARDS

☐ Unreinforced Chimneys ☐ Parapets ☐ Cladding ☐ Other: _____

BASIC SCORE, MODIFIERS, AND FINAL SCORE, *S*

BUILDING TYPE	W1	W2	S1 (MRF)	S2 (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM
Basic Score	4.4	3.8	2.8	3.0	3.2	2.8	2.0	2.5	2.8	1.6	2.6	2.4	2.8	2.8	1.8
Mid Rise (4 to 7 stories)	N/A	N/A	+0.2	+0.4	N/A	+0.4	+0.4	+0.4	+0.4	+0.2	N/A	+0.2	+0.4	+0.4	0.0
High Rise (> 7 stories)	N/A	N/A	+0.6	+0.8	N/A	+0.8	+0.8	+0.6	+0.8	+0.3	N/A	+0.4	N/A	+0.6	N/A
Vertical Irregularity	-2.5	-2.0	-1.0	-1.5	N/A	-1.0	-1.0	-1.5	-1.0	-1.0	N/A	-1.0	-1.0	-1.0	-1.0
Plan irregularity	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
Pre-Code	0.0	-1.0	-1.0	-0.8	-0.6	-0.8	-0.2	-1.2	-1.0	-0.2	-0.8	-0.8	-1.0	-0.8	-0.2
Post-Benchmark	+2.4	+2.4	+1.4	+1.4	N/A	+1.6	N/A	+1.4	+2.4	N/A	+2.4	N/A	+2.8	+2.6	N/A
Soil Type C	0.0	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
Soil Type D	0.0	-0.8	-0.6	-0.6	-0.6	-0.6	-0.4	-0.6	-0.6	-0.4	-0.6	-0.6	-0.6	-0.6	-0.6
Soil Type E	0.0	-0.8	-1.2	-1.2	-1.0	-1.2	-0.8	-1.2	-0.8	-0.8	-0.4	-1.2	-0.4	-0.6	-0.8

FINAL SCORE, *S* 5.3

COMMENTS

Detailed Evaluation Required

YES (NO)

* = Estimated, subjective, or unreliable data
DNK = Do Not Know

BR = Braced frame
FD = Flexible diaphragm
LM = Light metal

MRF = Moment-resisting frame
RC = Reinforced concrete
RD = Rigid diaphragm

SW = Shear wall
TU = Tilt up
URM INF = Unreinforced masonry infill

Figure 5-16 Completed Data Collection Form for Example 4, 1450 Addison Avenue.

5.8 Step 8: Transferring the RVS Field Data to the Electronic Building RVS Database

The last step in the implementation of rapid visual screening for Anyplace USA was transferring the information on the RVS Data Collection Forms into the relational electronic Building RVS Database. This required that all photos and sketches on the forms be scanned and numbered (for reference purposes), and that additional fields (and tables) be added to the database for those attributes not originally included in the database.

For quality control purposes, data were entered separately into two different versions of the electronic database, except photographs and sketches, which were scanned only once. A double-entry data verification process was then used, whereby the data from one database were compared to the same entries in the second database to identify those entries that were not exactly the same. Non-identical entries were examined and corrected as necessary. The entire process, including scanning of sketches and photographs, required approximately 45 minutes per Data Collection Form.

After the electronic Building RVS Database was verified, it was imported into the city's GIS, thereby providing Anyplace with a state-of-the-art capability to identify and plot building groups based on any set of criteria desired by the city's policy makers. Photographs and sketches of individual buildings could also be shown in the GIS simply by clicking on the dot or symbol used to represent each building and selecting the desired image.

Appendix A

Maps Showing Seismicity Regions

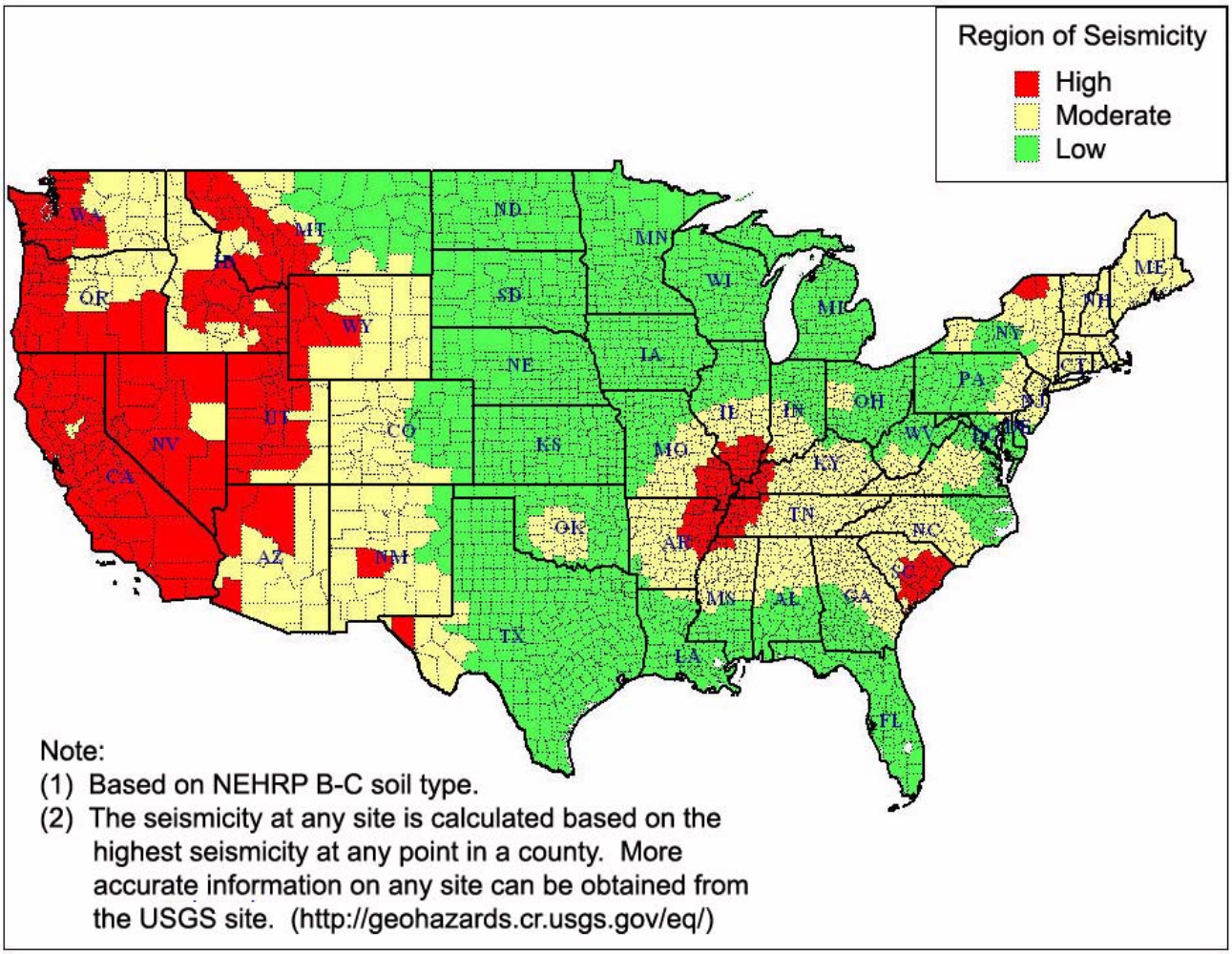


Figure A-1 Seismicity Regions of the Conterminous United States.

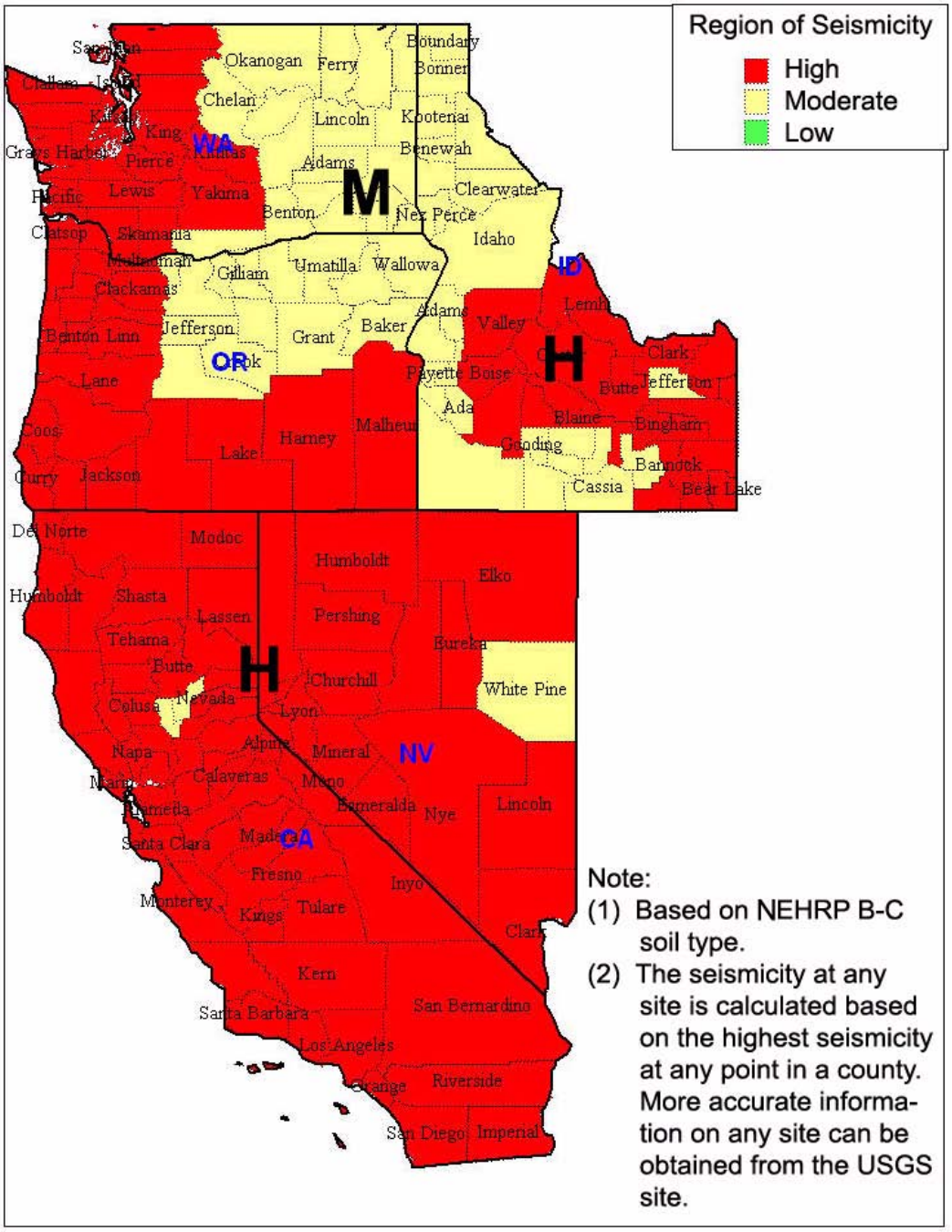


Figure A-2 Seismicity Regions in California, Idaho, Nevada, Oregon, and Washington.

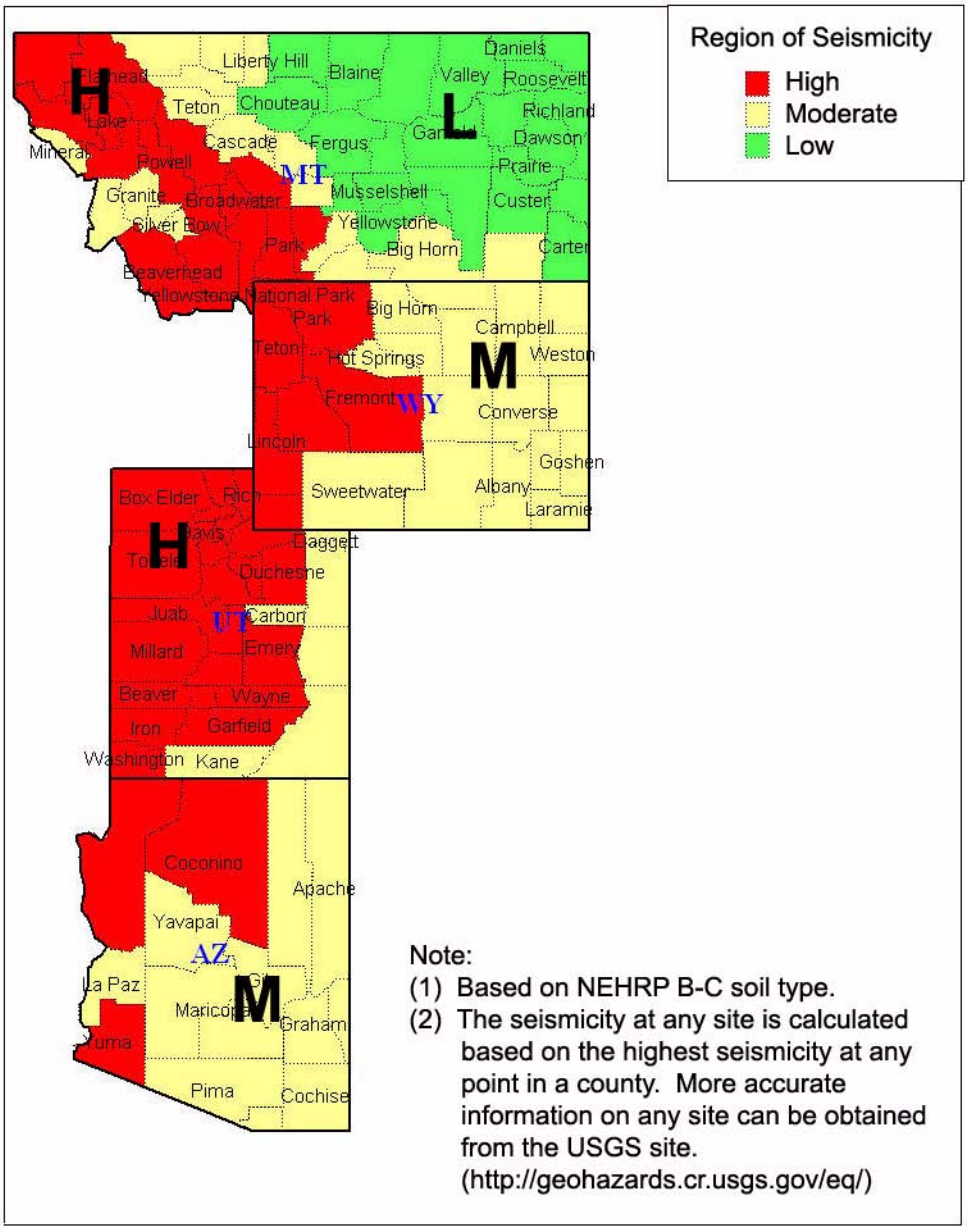


Figure A-3 Seismicity Regions in Arizona, Montana, Utah, and Wyoming.

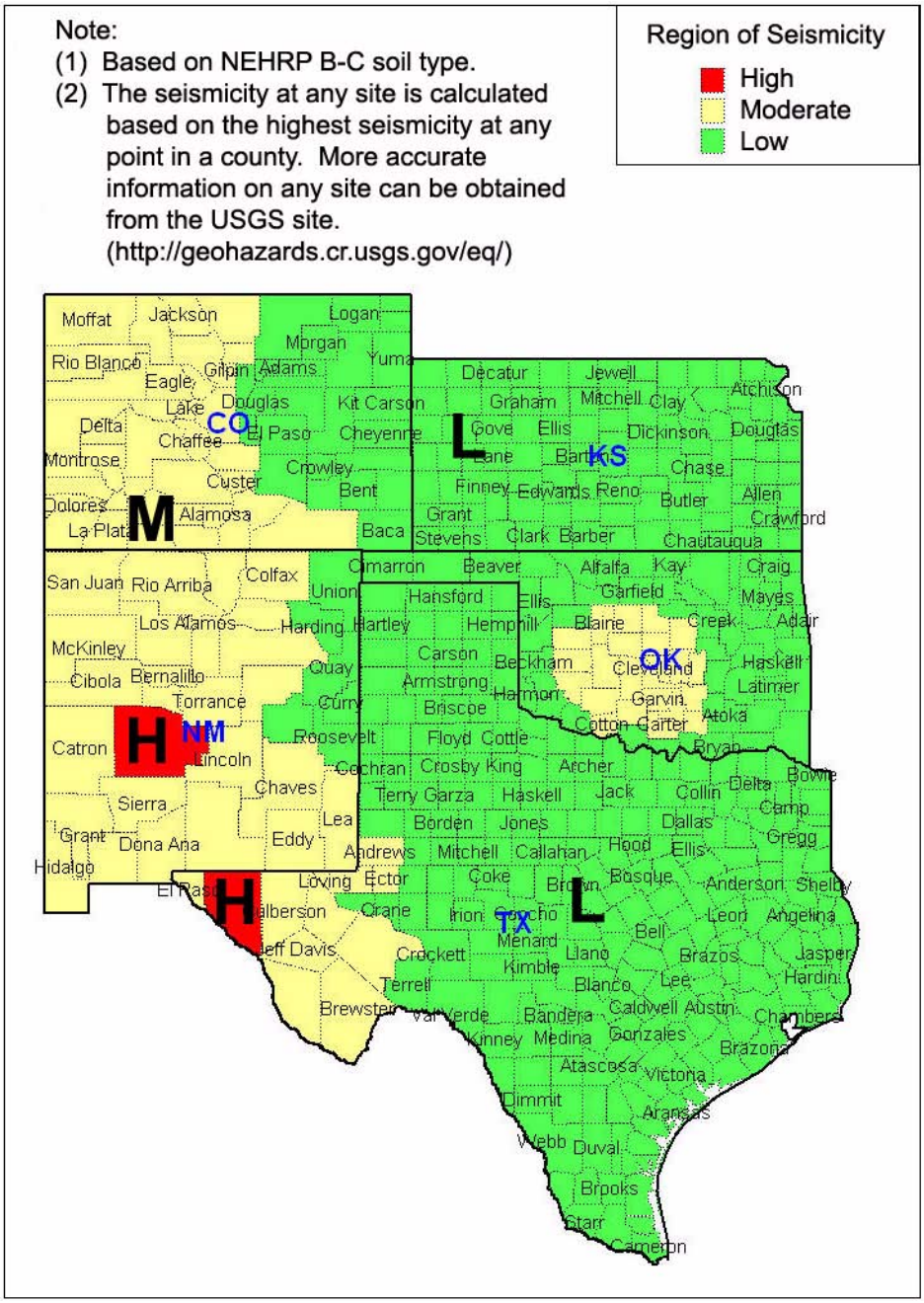


Figure A-4 Seismicity Regions in Colorado, Kansas, New Mexico, Oklahoma, and Texas.

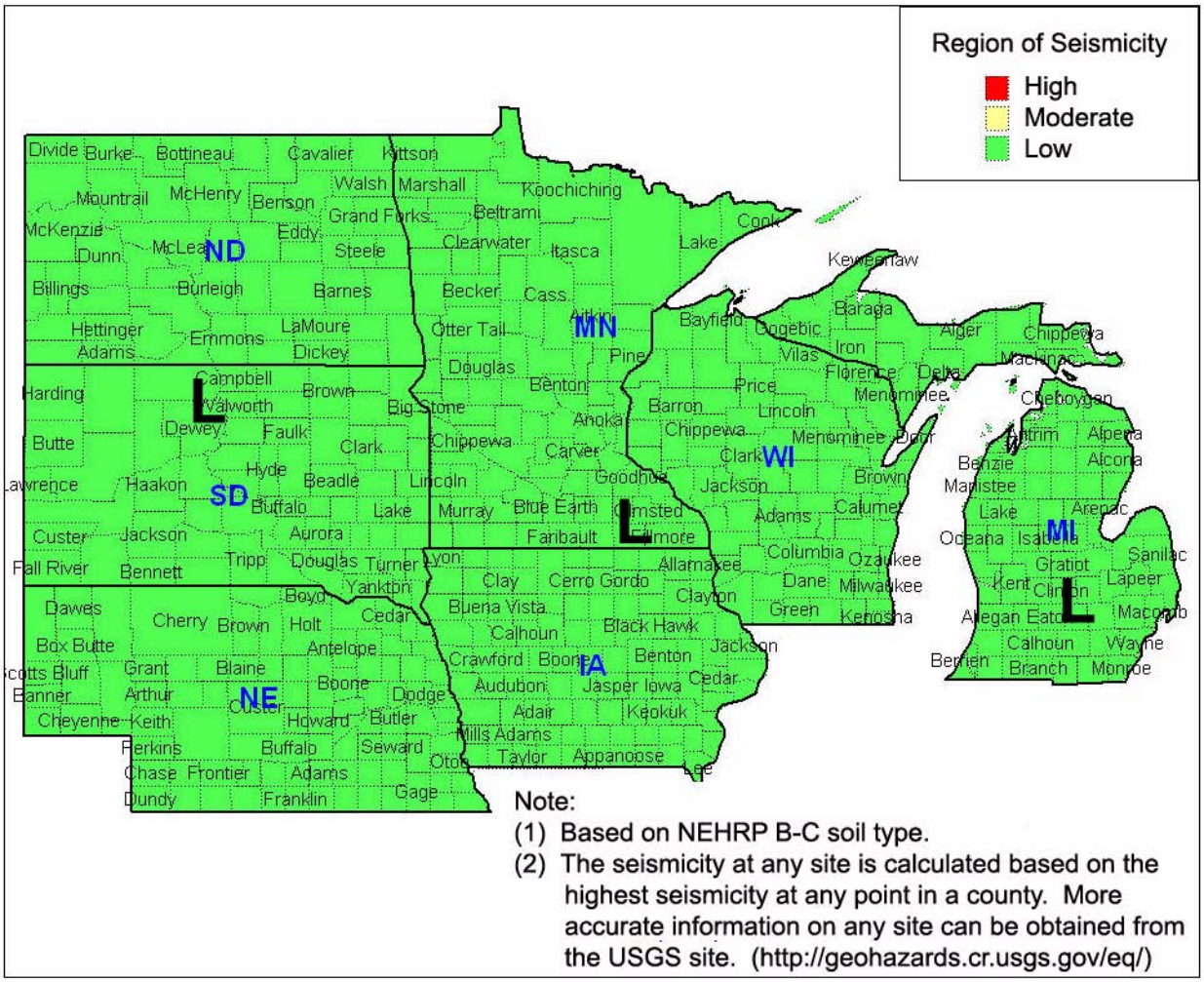


Figure A-5 Seismicity Regions in Iowa, Michigan, Minnesota, Nebraska, North Dakota, South Dakota, and Wisconsin.

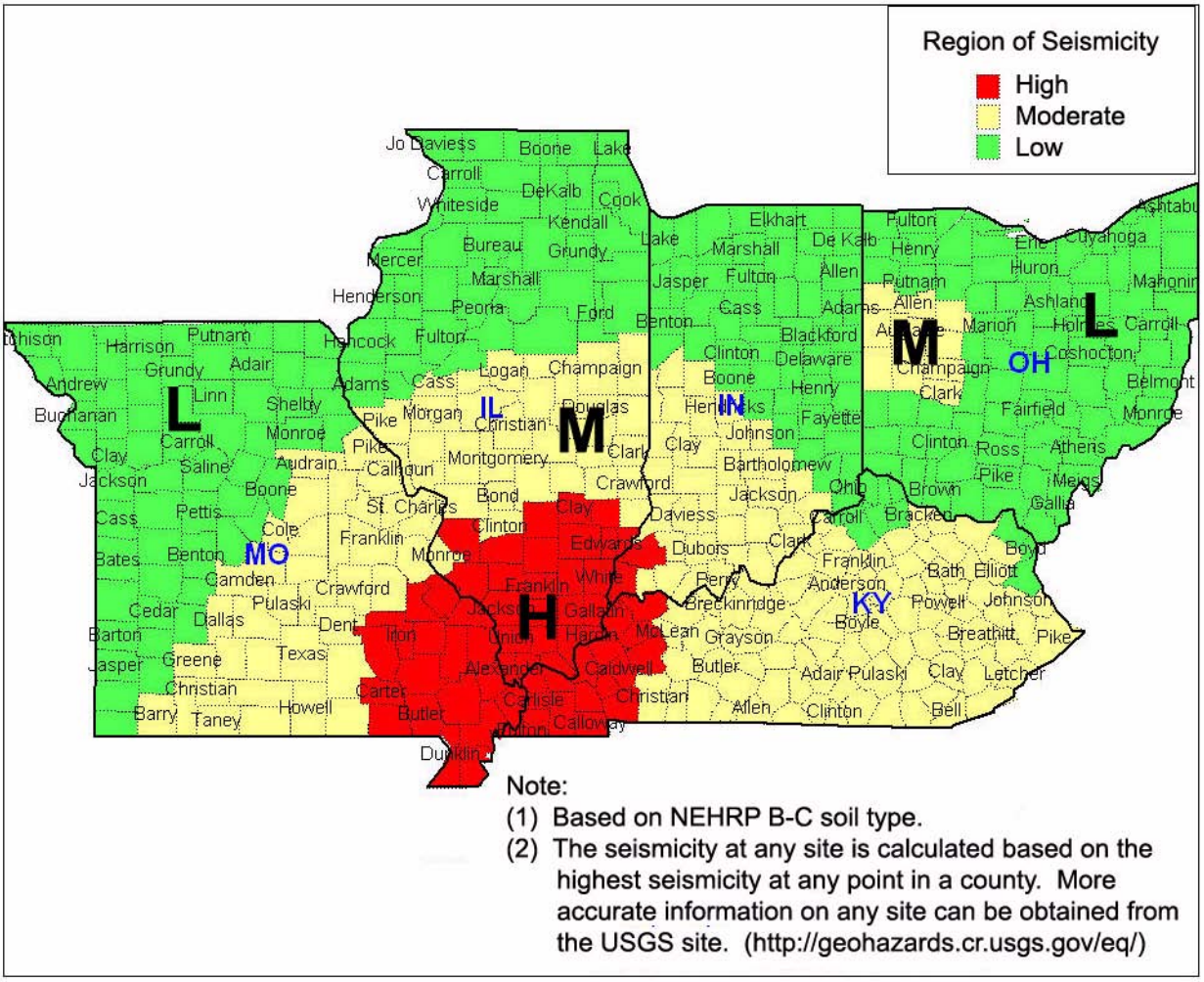
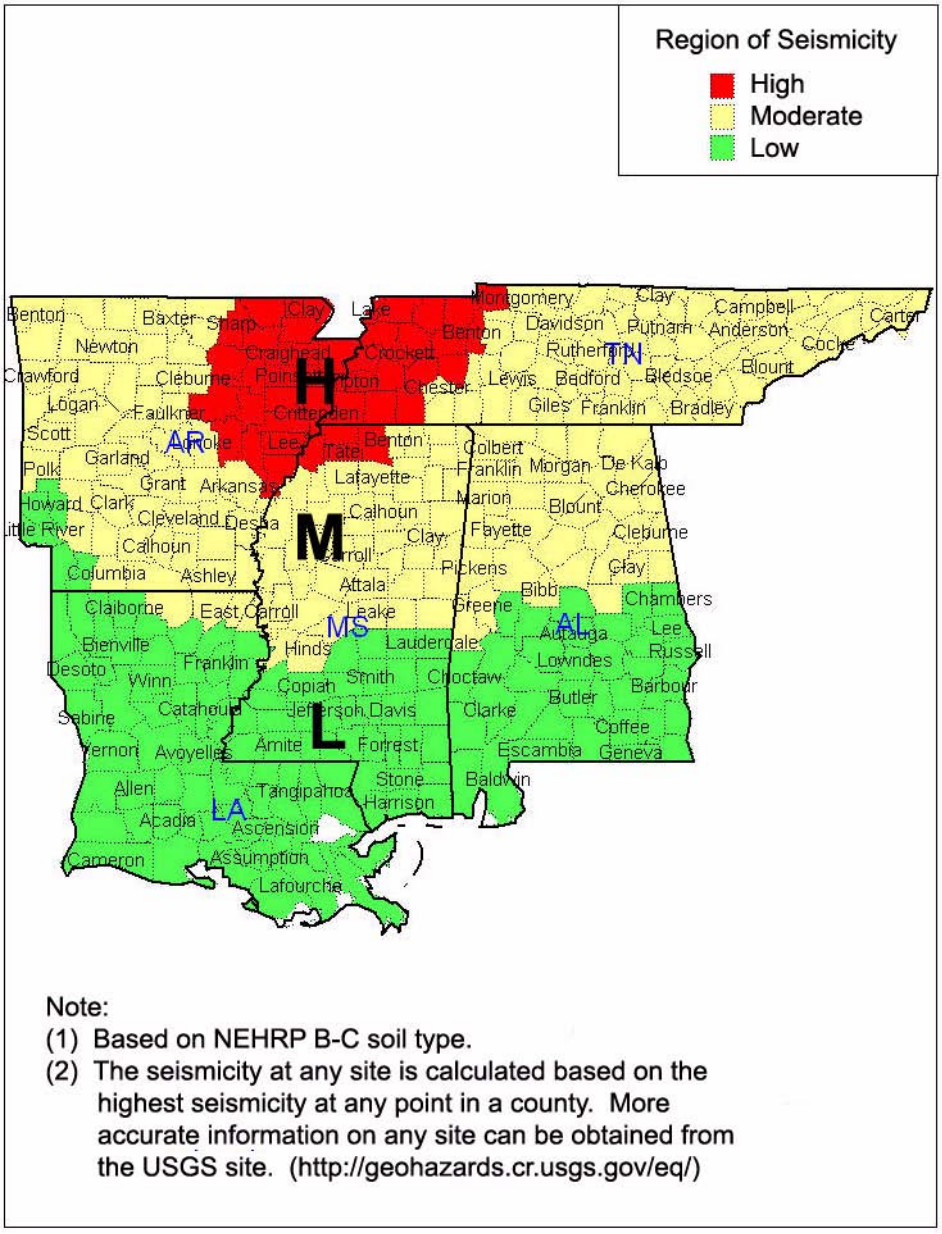


Figure A-6 Seismicity Regions in Illinois, Indiana, Kentucky, Missouri, and Ohio.



Note:
(1) Based on NEHRP B-C soil type.
(2) The seismicity at any site is calculated based on the highest seismicity at any point in a county. More accurate information on any site can be obtained from the USGS site. (http://geohazards.cr.usgs.gov/eq/)

Figure A-7 Seismicity Regions in Alabama, Arkansas, Louisiana, Mississippi, and Tennessee.

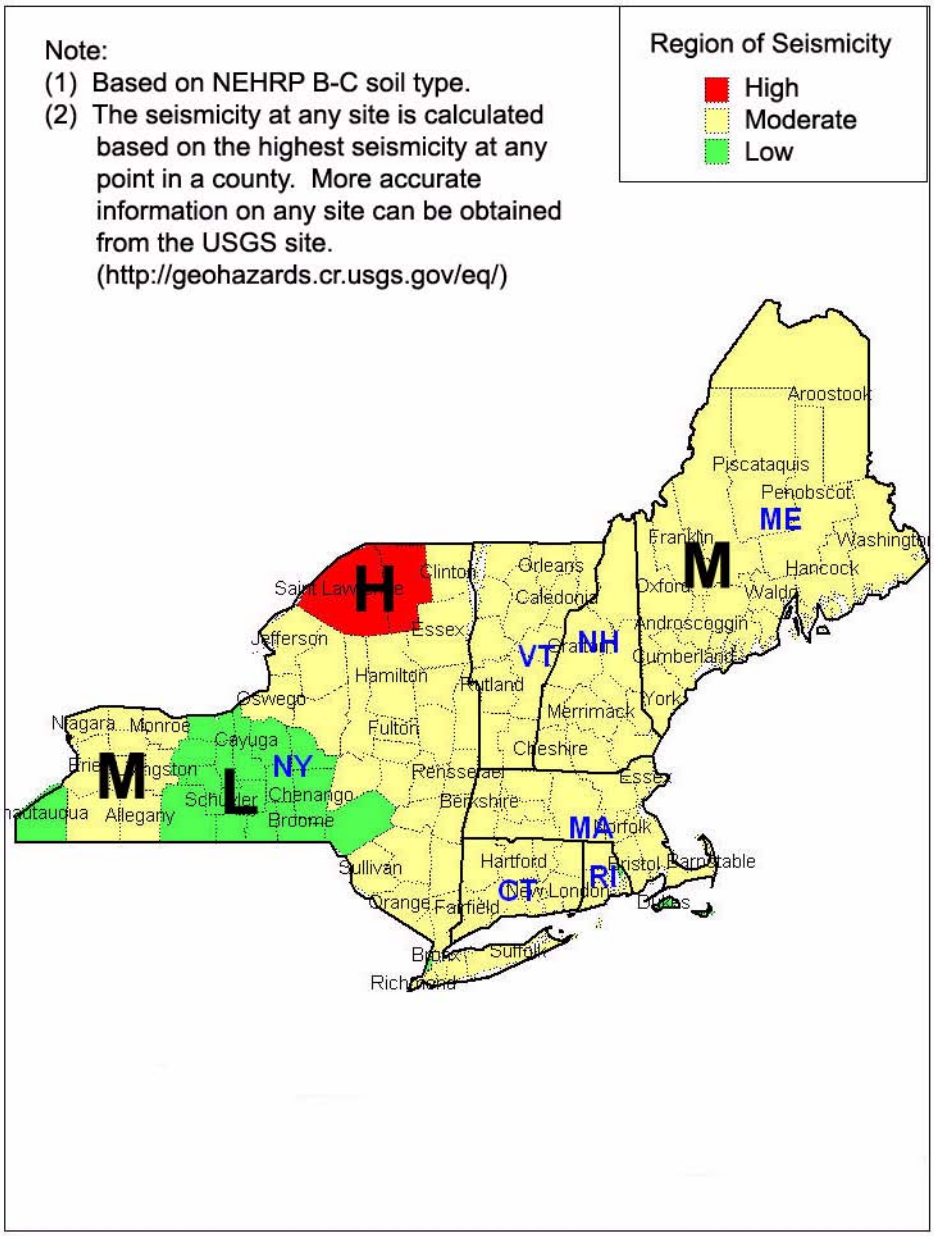
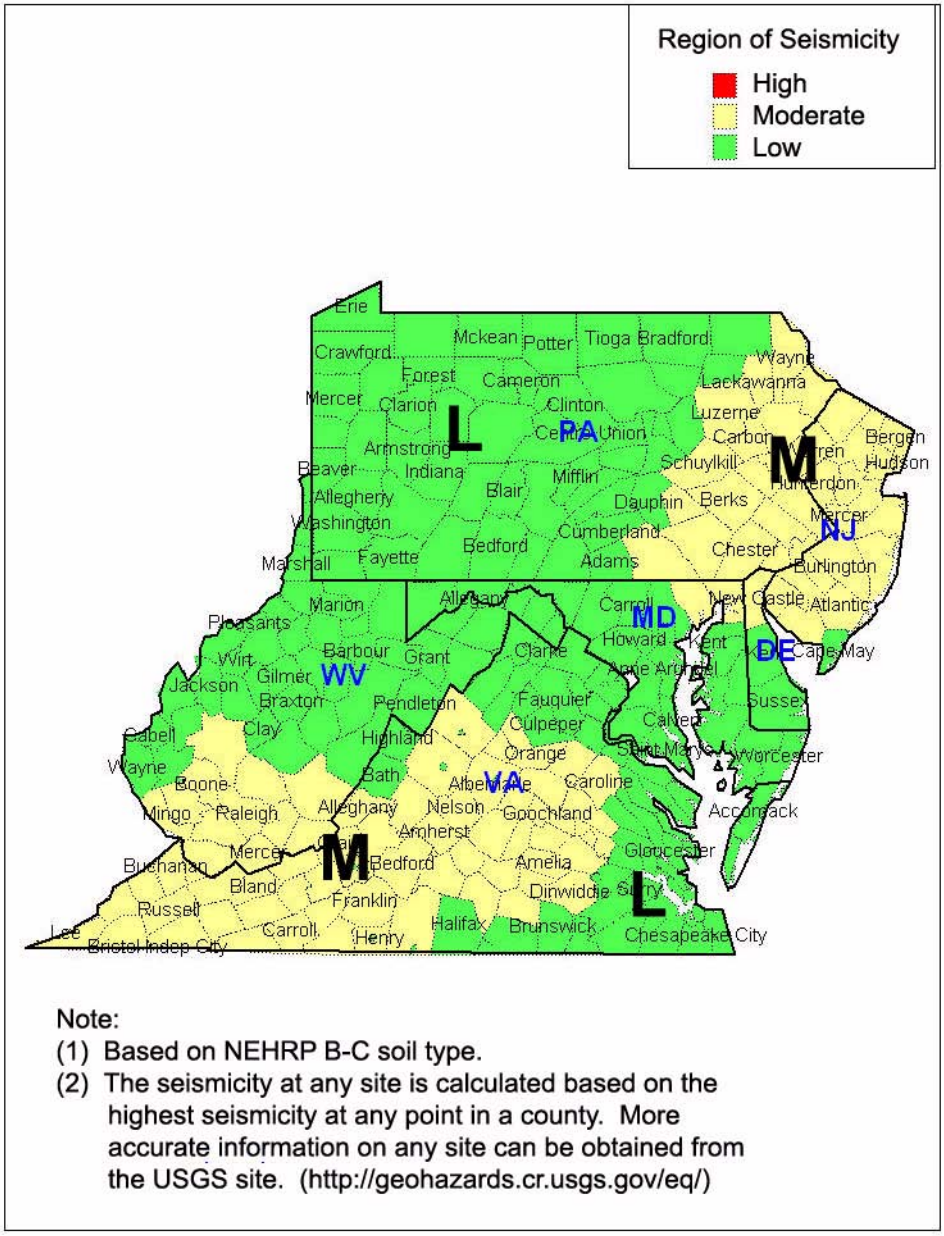


Figure A-8 Seismicity Regions in Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island, and Vermont.



Note:
(1) Based on NEHRP B-C soil type.
(2) The seismicity at any site is calculated based on the highest seismicity at any point in a county. More accurate information on any site can be obtained from the USGS site. (http://geohazards.cr.usgs.gov/eq/)

Figure A-9 Seismicity Regions in Delaware, Maryland, New Jersey, Pennsylvania, Virginia, and West Virginia.

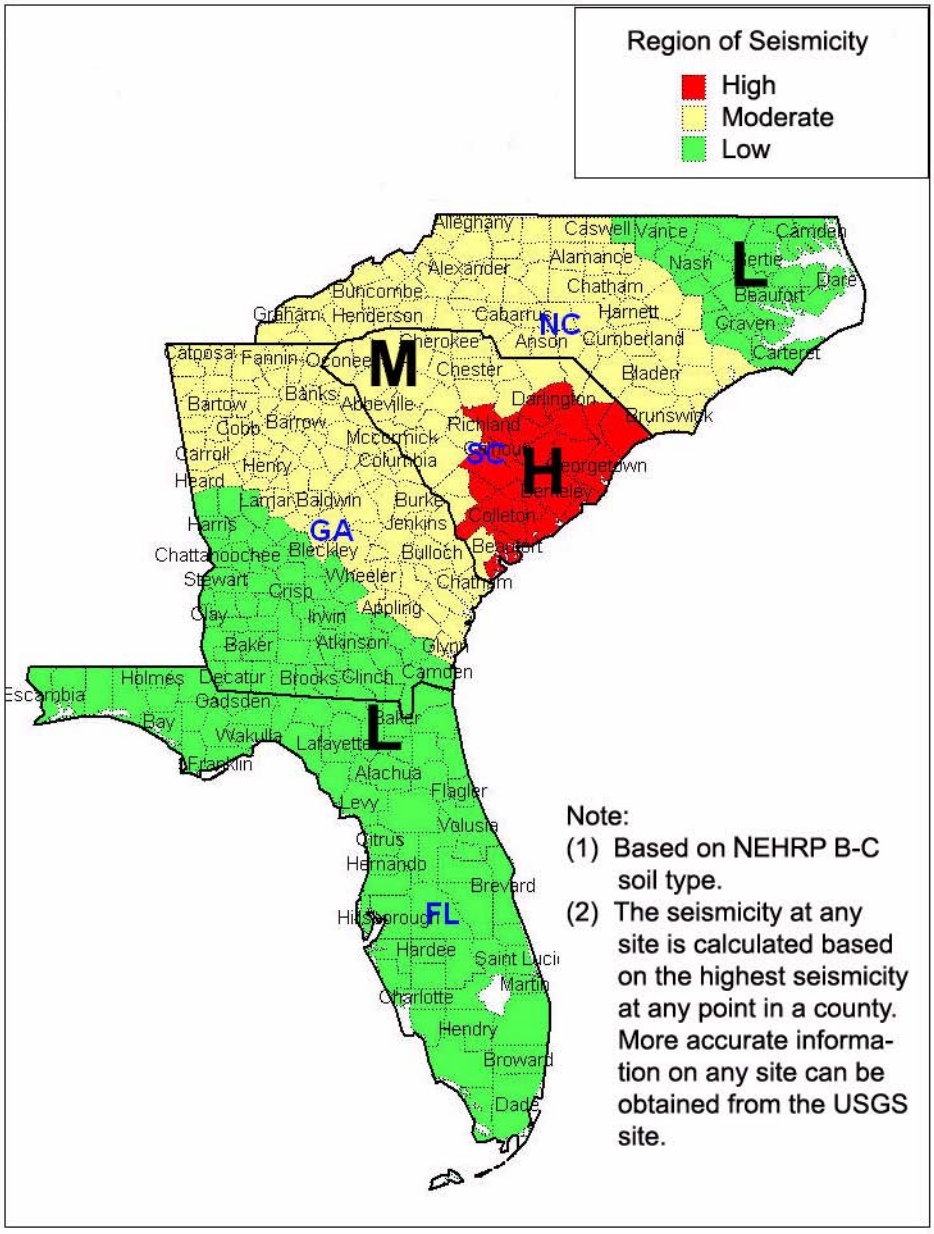


Figure A-10 Seismicity Regions in Florida, Georgia, North Carolina, and South Carolina.

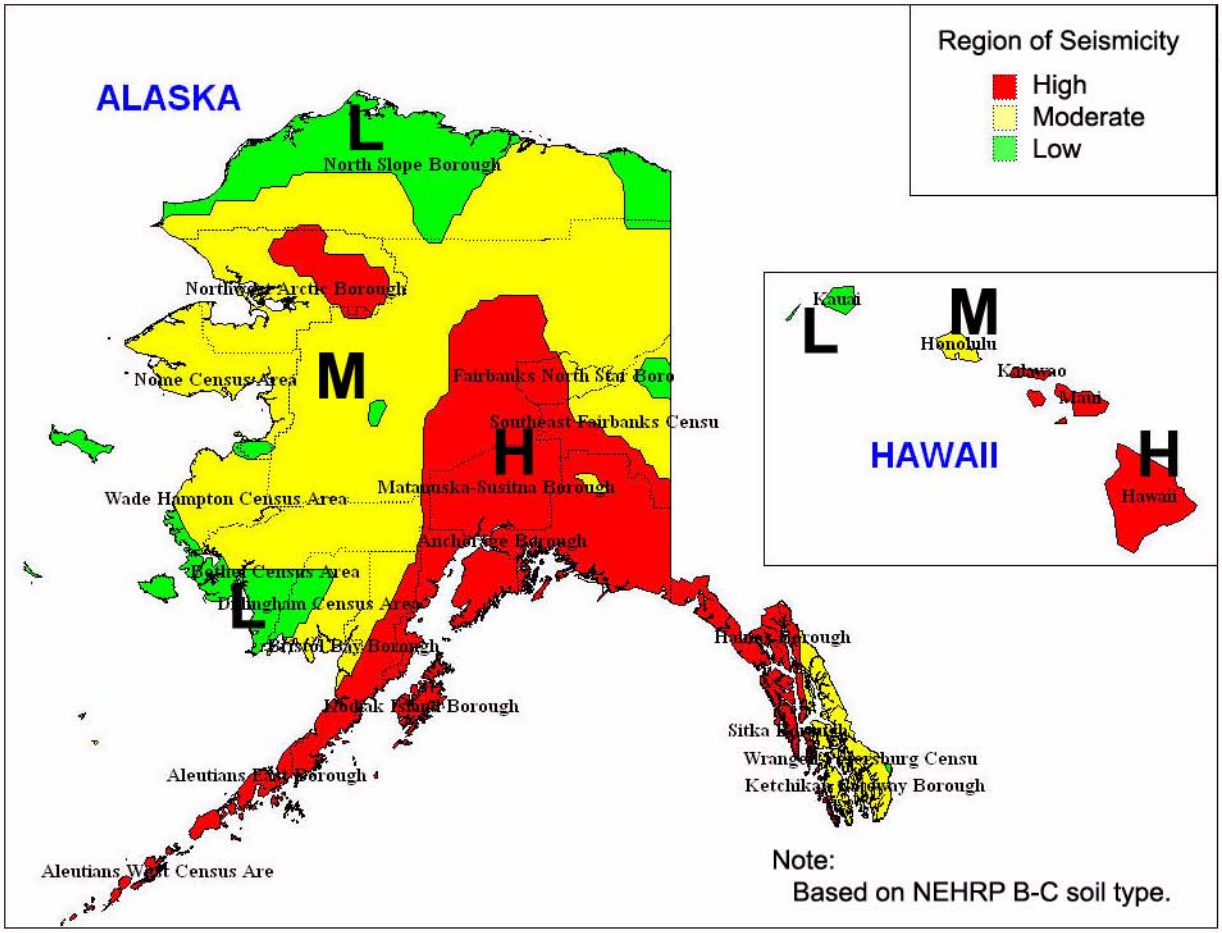


Figure A-11 Seismicity Regions in Alaska and Hawaii.

Appendix B

Data Collection Forms and Quick Reference Guide

Rapid Visual Screening of Buildings for Potential Seismic Hazards

FEMA-154 Data Collection Form

LOW Seismicity

Address: _____

_____ Zip _____

Other Identifiers _____

No. Stories _____ Year Built _____

Screener _____ Date _____

Total Floor Area (sq. ft.) _____

Building Name _____

Use _____

Scale:

PHOTOGRAPH

OCCUPANCY			SOIL		TYPE						FALLING HAZARDS			
Assembly	Govt	Office	Number of Persons		A	B	C	D	E	F	☐	☐	☐	☐
Commercial	Historic	Residential	0 – 10	11 – 100	Hard Rock	Avg. Rock	Dense Soil	Stiff Soil	Soft Soil	Poor Soil	Unreinforced Chimneys	Parapets	Cladding	Other:
Emer. Services	Industrial	School	101-1000	1000+										

BASIC SCORE, MODIFIERS, AND FINAL SCORE, *S*

BUILDING TYPE	W1	W2	S1 (MRF)	S2 (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM
Basic Score	**7.4**	**6.0**	**4.6**	**4.8**	**4.6**	**4.8**	**5.0**	**4.4**	**4.8**	**4.4**	**4.4**	**4.6**	**4.8**	**4.6**	**4.6**
Mid Rise (4 to 7 stories)	N/A	N/A	+0.2	+0.4	N/A	+0.2	-0.2	+0.4	-0.2	-0.4	N/A	-0.2	-0.4	-0.2	-0.6
High Rise (>7 stories)	N/A	N/A	+1.0	+1.0	N/A	+1.0	+1.2	+1.0	0.0	-0.4	N/A	-0.2	N/A	0.0	N/A
Vertical Irregularity	-4.0	-3.0	-2.0	-2.0	N/A	-2.0	-2.0	-1.5	-2.0	-2.0	N/A	-1.5	-2.0	-1.5	-1.5
Plan Irregularity	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8	-0.8
Pre-Code	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Post-Benchmark	0.0	+0.2	+0.4	+0.6	N/A	+0.6	N/A	+0.6	+0.4	N/A	+0.2	N/A	+0.2	+0.4	+0.4
Soil Type C	-0.4	-0.4	-0.8	-0.4	-0.4	-0.4	-0.4	-0.6	-0.4	-0.4	-0.4	-0.2	-0.4	-0.2	-0.4
Soil Type D	-1.0	-0.8	-1.4	-1.2	-1.0	-1.4	-0.8	-1.4	-0.8	-0.8	-0.8	-1.0	-0.8	-0.8	-0.8
Soil Type E	-1.8	-2.0	-2.0	-2.0	-2.0	-2.2	-2.0	-2.0	-2.0	-2.0	-1.8	-2.0	-1.4	-1.6	-1.4

FINAL SCORE, *S*

COMMENTS

Detailed Evaluation Required

YES NO

* = Estimated, subjective, or unreliable data
DNK = Do Not Know

BR = Braced frame
FD = Flexible diaphragm
LM = Light metal

MRF = Moment-resisting frame
RC = Reinforced concrete
RD = Rigid diaphragm

SW = Shear wall
TU = Tilt up
URM INF = Unreinforced masonry infill

Rapid Visual Screening of Buildings for Potential Seismic Hazards

FEMA-154 Data Collection Form

MODERATE Seismicity

Scale:

Address: _____

_____ Zip _____

Other Identifiers _____

No. Stories _____ Year Built _____

Screener _____ Date _____

Total Floor Area (sq. ft.) _____

Building Name _____

Use _____

PHOTOGRAPH

OCCUPANCY			SOIL		TYPE						FALLING HAZARDS			
Assembly	Govt	Office	Number of Persons		A	B	C	D	E	F	☐	☐	☐	☐
Commercial	Historic	Residential	0 – 10	11 – 100	Hard Rock	Avg. Rock	Dense Soil	Stiff Soil	Soft Soil	Poor Soil	Unreinforced Chimneys	Parapets	Cladding	Other:
Emer. Services	Industrial	School	101-1000	1000+										

BASIC SCORE, MODIFIERS, AND FINAL SCORE, *S*

BUILDING TYPE	W1	W2	S1 (MRF)	S2 (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM
Basic Score	**5.2**	**4.8**	**3.6**	**3.6**	**3.8**	**3.6**	**3.6**	**3.0**	**3.6**	**3.2**	**3.2**	**3.2**	**3.6**	**3.4**	**3.4**
Mid Rise (4 to 7 stories)	N/A	N/A	+0.4	+0.4	N/A	+0.4	+0.4	+0.2	+0.4	+0.2	N/A	+0.4	+0.4	+0.4	-0.4
High Rise (>7 stories)	N/A	N/A	+1.4	+1.4	N/A	+1.4	+0.8	+0.5	+0.8	+0.4	N/A	+0.6	N/A	+0.6	N/A
Vertical Irregularity	-3.5	-3.0	-2.0	-2.0	N/A	-2.0	-2.0	-2.0	-2.0	-2.0	N/A	-1.5	-2.0	-1.5	-1.5
Plan Irregularity	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
Pre-Code	0.0	-0.2	-0.4	-0.4	-0.4	-0.4	-0.2	-1.0	-0.4	-1.0	-0.2	-0.4	-0.4	-0.4	-0.4
Post-Benchmark	+1.6	+1.6	+1.4	+1.4	N/A	+1.2	N/A	+1.2	+1.6	N/A	+1.8	N/A	2.0	+1.8	N/A
Soil Type C	-0.2	-0.8	-0.6	-0.8	-0.6	-0.8	-0.8	-0.6	-0.8	-0.6	-0.6	-0.6	-0.8	-0.6	-0.4
Soil Type D	-0.6	-1.2	-1.0	-1.2	-1.0	-1.2	-1.2	-1.0	-1.2	-1.0	-1.0	-1.2	-1.2	-1.2	-0.8
Soil Type E	-1.2	-1.8	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6	-1.6

FINAL SCORE *S*

COMMENTS

Detailed Evaluation Required

YES NO

* = Estimated, subjective, or unreliable data
DNK = Do Not Know

BR = Braced frame
FD = Flexible diaphragm
LM = Light metal

MRF = Moment-resisting frame
RC = Reinforced concrete
RD = Rigid diaphragm

SW = Shear wall
TU = Tilt up
URM INF = Unreinforced masonry infill

Rapid Visual Screening of Buildings for Potential Seismic Hazards

FEMA-154 Data Collection Form

HIGH Seismicity

Scale:

Address: _____

_____ **Zip** _____

Other Identifiers _____

No. Stories _____ **Year Built** _____

Screener _____ **Date** _____

Total Floor Area (sq. ft.) _____

Building Name _____

Use _____

PHOTOGRAPH

OCCUPANCY	SOIL	TYPE	FALLING HAZARDS
Assembly, Commercial, Emer. Services, Govt, Historic, Industrial, Office, Residential, School	Number of Persons: 0 – 10, 11 – 100, 101-1000, 1000+	A Hard Rock, B Avg. Rock, C Dense Soil, D Stiff Soil, E Soft Soil, F Poor Soil	☐ Unreinforced Chimneys, ☐ Parapets, ☐ Cladding, ☐ Other: _____

BASIC SCORE, MODIFIERS, AND FINAL SCORE, *S*

BUILDING TYPE	W1	W2	S1 (MRF)	S2 (BR)	S3 (LM)	S4 (RC SW)	S5 (URM INF)	C1 (MRF)	C2 (SW)	C3 (URM INF)	PC1 (TU)	PC2	RM1 (FD)	RM2 (RD)	URM
Basic Score	**4.4**	**3.8**	**2.8**	**3.0**	**3.2**	**2.8**	**2.0**	**2.5**	**2.8**	**1.6**	**2.6**	**2.4**	**2.8**	**2.8**	**1.8**
Mid Rise (4 to 7 stories)	N/A	N/A	+0.2	+0.4	N/A	+0.4	+0.4	+0.4	+0.4	+0.2	N/A	+0.2	+0.4	+0.4	0.0
High Rise (> 7 stories)	N/A	N/A	+0.6	+0.8	N/A	+0.8	+0.8	+0.6	+0.8	+0.3	N/A	+0.4	N/A	+0.6	N/A
Vertical Irregularity	-2.5	-2.0	-1.0	-1.5	N/A	-1.0	-1.0	-1.5	-1.0	-1.0	N/A	-1.0	-1.0	-1.0	-1.0
Plan irregularity	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
Pre-Code	0.0	-1.0	-1.0	-0.8	-0.6	-0.8	-0.2	-1.2	-1.0	-0.2	-0.8	-0.8	-1.0	-0.8	-0.2
Post-Benchmark	+2.4	+2.4	+1.4	+1.4	N/A	+1.6	N/A	+1.4	+2.4	N/A	+2.4	N/A	+2.8	+2.6	N/A
Soil Type C	0.0	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
Soil Type D	0.0	-0.8	-0.6	-0.6	-0.6	-0.6	-0.4	-0.6	-0.6	-0.4	-0.6	-0.6	-0.6	-0.6	-0.6
Soil Type E	0.0	-0.8	-1.2	-1.2	-1.0	-1.2	-0.8	-1.2	-0.8	-0.8	-0.4	-1.2	-0.4	-0.6	-0.8

FINAL SCORE, *S*

COMMENTS

Detailed Evaluation Required

YES NO

* = Estimated, subjective, or unreliable data
DNK = Do Not Know

BR = Braced frame
FD = Flexible diaphragm
LM = Light metal

MRF = Moment-resisting frame
RC = Reinforced concrete
RD = Rigid diaphragm

SW = Shear wall
TU = Tilt up
URM INF = Unreinforced masonry infill

Rapid Visual Screening of Buildings for Potential Seismic Hazards (FEMA 154)

Quick Reference Guide (for use with Data Collection Form)

1. Model Building Types and Critical Code Adoption and Enforcement Dates

Structural Types		Year Seismic Codes Initially Adopted and Enforced*	Benchmark Year when Codes Improved
W1	Light wood frame, residential or commercial, ≤ 5000 square feet	_____	_____
W2	Wood frame buildings, > 5000 square feet.	_____	_____
S1	Steel moment-resisting frame	_____	_____
S2	Steel braced frame	_____	_____
S3	Light metal frame	_____	_____
S4	Steel frame with cast-in-place concrete shear walls	_____	_____
S5	Steel frame with unreinforced masonry infill	_____	_____
C1	Concrete moment-resisting frame	_____	_____
C2	Concrete shear wall	_____	_____
C3	Concrete frame with unreinforced masonry infill	_____	_____
PC1	Tilt-up construction	_____	_____
PC2	Precast concrete frame	_____	_____
RM1	Reinforced masonry with flexible floor and roof diaphragms	_____	_____
RM2	Reinforced masonry with rigid diaphragms	_____	_____
URM	Unreinforced masonry bearing-wall buildings	_____	_____

*Not applicable in regions of low seismicity

2. Anchorage of Heavy Cladding

Year in which seismic anchorage requirements were adopted: _____

3. Occupancy Loads

Use	Square Feet, Per Person	Use	Square Feet, Per Person
Assembly	varies, 10 minimum	Industrial	200-500
Commercial	50-200	Office	100-200
Emergency Services	100	Residential	100-300
Government	100-200	School	50-100

4. Score Modifier Definitions

Mid-Rise:	4 to 7 stories
High-Rise:	8 or more stories
Vertical Irregularity:	Steps in elevation view; inclined walls; building on hill; soft story (e.g., house over garage); building with short columns; unbraced cripple walls.
Plan Irregularity	Buildings with re-entrant corners (L, T, U, E, + or other irregular building plan); buildings with good lateral resistance in one direction but not in the other direction; eccentric stiffness in plan, (e.g. corner building, or wedge-shaped building, with one or two solid walls and all other walls open).
Pre-Code:	Building designed and constructed prior to the year in which seismic codes were first adopted and enforced in the jurisdiction; use years specified above in Item 1; default is 1941, except for PC1, which is 1973.
Post-Benchmark:	Building designed and constructed after significant improvements in seismic code requirements (e.g., ductile detailing) were adopted and enforced; the benchmark year when codes improved may be different for each building type and jurisdiction; use years specified above in Item 1 (see Table 2-2 of FEMA 154 *Handbook* for additional information).
Soil Type C:	Soft rock or very dense soil; S-wave velocity: 1200 – 2500 ft/s; blow count > 50; or undrained shear strength > 2000 psf.
Soil Type D:	Stiff soil; S-wave velocity: 600 – 1200 ft/s; blow count: 15 – 50; or undrained shear strength: 1000 – 2000 psf.
Soil Type E:	Soft soil; S-wave velocity < 600 ft/s; or more than 100 ft of soil with plasticity index > 20, water content > 40%, and undrained shear strength < 500 psf.

Appendix C

Review of Design and Construction Drawings

Drawing styles vary among engineering offices, but the conventions used are very consistent. The following are some of the common designations:

1. Around the perimeter of the building, the exterior walls will be shown as a double line, if the space between the lines is empty, this will usually be a wood stud wall.
2. Concrete walls will be shaded.
3. Masonry walls will be cross hatched.
4. Horizontal beams and girders will be shown with a solid line for steel and wood, and a double solid or dotted line for concrete.
   - Steel framing will have a notation of shape, depth, and weight of the member. The designations will include W, S, I, B and several others followed by the depth in inches, an "x," and the weight in pounds per lineal foot. An example would be W8x10 (wide flange shape, 8" deep, 10 lbs/ft).
   - Wood framing will have the width and depth of the member. An example would be 4x10 (4" wide and 10" deep). Floor joists and roof rafters will be shown with the same call-out except not all members will be shown. A few at each end of the area being framed will show and there will be an arrow showing the extent and the call-out of the size members.
   - Concrete framing will have the width and depth. Where steel and wood are shown as single line, concrete will be shown as a double line. An example of the call out would be 12x24 (12" wide and 24" deep). Additionally, or in lieu of the number call-out, the member might be given a letter and number (B-1 or G-1) with a reference to a schedule for the size and reinforcing. "B" stands for beam and "G" stands for girder. Usually, beams are smaller than girders and span between girders while girders will be larger and frame between columns.
5. Columns will show on the floor plans as their shape with a shading designation where appropriate:
   - Steel column will be shown as an "H" rotated to the correct orientation for the location on the plan.
   - Wood column will be an open square.
   - Concrete column will be either a square or a circle depending on the column configuration. The square or circle will be shaded.
6. Steel moment frames will show the columns with a heavy line between the columns representing the beam or girder. At each end of the beam or girder at the column will be a small triangle shaded. This indicates that the connection between the beam or girder and the column is fully restrained.

Appendix D

Exterior Screening for Seismic System and Age

D.1 Introduction

A successful evaluation of a building is dependent on the screener's ability to identify accurately the construction materials, lateral-force-resisting system, age, and other attributes that would modify its earthquake performance (e.g., vertical or plan irregularities). This appendix includes discussions of inspection techniques that can be used while viewing from the street.

D.2 What to Look for and How to Find It

It may be difficult to identify positively the structural type from the street as building veneers often mask the structural skeleton. For example, a steel frame and a concrete frame may look similar from the outside. Features typical of a specific type of structure may give clues for successful identification. In some cases there may be more than one type of frame present in the structure. Should this be the case, the predominant frame type should be indicated on the form.

Following are attributes that should be considered when trying to determine a building lateral-force-resisting system from the street:

1. *Age*: The approximate age of a building can indicate the possible structure type, as well as indicating the seismic design code used during the building design process. Age is difficult to determine visually, but an approximation, accurate within perhaps a decade, can be estimated by looking at the architectural style and detail treatment of the building exterior, if the facade has not been renovated. If a building has been renovated, the apparent age is misleading. See Section D.3 for additional guidance.
2. *Facade Pattern*: The type of structure can sometimes be deduced by the openness of the facade, or the size and pattern of window openings. The facade material often can give hints to the structure beneath. Newer facade materials likely indicate that modern construction types were used in the design and may indicate that certain building types can be eliminated.
3. *Height*: The number of stories will indicate the possible type of construction. This is particularly useful for taller buildings, when combined with knowledge of local building practice. See Section D.4 for additional guidance.
4. *Original Use*: The original use can, at times, give hints as to the structural type. The original use can be inferred from the building character, if the building has not been renovated. The present use may be different from the original use. This is especially true in neighborhoods that have changed in character. A typical example of this is where a city's central business district has grown rapidly, and engulfed what were once industrial districts. The buildings' use has changed and they are now either mixed office, commercial or residential (for office workers).

D.3 Identification of Building Age

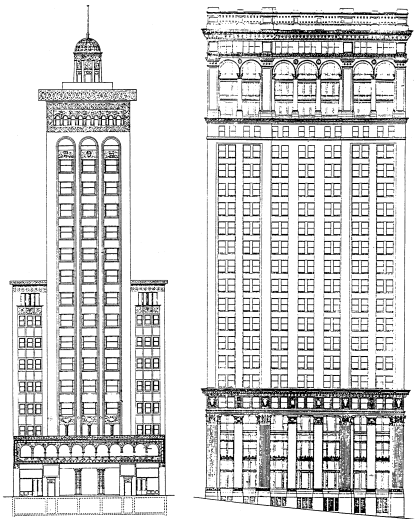
The ability to identify the age of a building by considering its architectural style and construction materials requires an extensive knowledge of architectural history and past construction practice. It is beyond the scope of this *Handbook* to discuss the various styles and construction practices. Persons involved in or interested in buildings often have a general knowledge of architectural history relevant to their region. Interested readers should refer to in-depth texts for more specific information.

Photographs, architectural character, and age of (1) residential, (2) commercial, and (3) mixed use and miscellaneous buildings, are illustrated in Tables D-1 through D-3, respectively. Photographs of several example steel frame and concrete frame buildings under construction are provided in Figure D-1. The screener should study these photographs and characteristics closely to assist in differentiating architectural styles and facade treatment of various periods. Facade renovation (see photos b and c in Figure D-1) can clearly alter the original appearance. When estimating building age, the screener should look at the building from all sides as facade renovation often occurs only at the building front. A new building will seldom look like an old one. That

Table D-1 Photographs, Architectural Characteristics, and Age of Residential Buildings

Examples	*Characteristics*
 a. 1965-1980 b. 1965-1980 c. 1965-1980 d. 1960-1975 reinforced concrete shear wall e. Pre-1933 URM (rehabilitated)	**<u>Low-Rise Buildings (1-3 stories):</u>** • Typically wood or masonry • May have ground floor or basement parking, a soft story • Older buildings typically have more architectural detail, ornamentation • 1950s and later are more 'modern' – lacking ornamentation, typically with more horizontal lines Common structural types: W2, RM1, RM2, URM **<u>Mid-Rise (4-7 stories) and High-Rise Buildings (8 stories and higher):</u>** • Typically, reinforced concrete (older, URM) • May have commercial ground floor, a soft story • Older buildings typically have more cornices, architectural detail, ornamentation • 1950s and later are lacking ornamentation, typically with stronger vertical or horizontal lines Common structural types: W2, RM1, RM2, URM

Table D-2 Illustrations, Architectural Characteristics, and Age of Commercial Structures

Examples	*Characteristics*
 a. Pre-1930 b. 1910-1920 (Steel frame with unreinforced masonry infill that has been seismically rehabilitated) c. 1920-1930 d. 1920-1930 e. 1890-1900	**<u>Pre-1950</u>** • Building has flat roof with cornices, or several set-backs. • Ornate decorative work in concrete, terra cotta, cast stone or iron. • Large bell tower or clock tower is common. • Simple pattern of windows on all sides. • Floors are concrete slabs on steel or concrete beams. • Exterior is stone, terra cotta or concrete. Common Structure Types: S2, S5, C2, C3

Examples	*Characteristics*
 f. 44 story, 1960s, L-shape on the left; 20 story, 1914, with setback on the right h. 1940-1950 g. 1950-1975 i. 1950-1975 j. 1950-1975	**<u>1950-1975</u>** • Flat roof, typically with no cornice. • Building is square or rectangular full height, fewer setbacks. • First story and top story can be taller than other stories. In some cases the top story could be shorter than others. • Exterior finishes metal or glass, pre-cast stone or concrete. • Floors are concrete slab over steel or concrete beams. Common Structure Types: S1, S2, S4, C1, C2

Table D-2 Illustrations, Architectural Characteristics, and Age of Commercial Structures (Continued)

Examples	*Characteristics*
 k. Post-1975 l. Post-1975 m. Post-1975 n. Post-1975 o. Post-1975	**Post-1975** • Flat roof, typically with no cornice. • Building is square or rectangular for its full height, fewer setbacks. • First story and top story can be taller than other stories. (In some cases, though, the top story could be shorter than others.) • Exterior finishes: metal or glass, pre-cast stone or concrete, with little ornamentation • Floors are concrete slabs over steel or concrete beams. Common Structure Types: S1, S2, S4, C1, C2

is, a building is usually at least as old as it looks. Even when designed to look old, telltale signs of modern techniques can usually be seen in the type of windows, fixtures, and material used.

D.4 Identification of Structural Type

The most common inspection that will be utilized with the RVS procedure will be the exterior or "sidewalk" or "streetside" survey. First, the evaluation should be as thorough as possible and performed in a logical manner. The street-facing front of the building is the starting point and the evaluation begins at the ground and progressively moves up the exterior wall to the roof or parapet line. For taller buildings, a pair of binoculars is useful. When a thorough inspection of the street-front elevation has been completed, the procedure is repeated on the next accessible wall. From the exterior, the screener should be able to determine the approximate age of the building, its original occupancy, and count the number of stories.

Table D-3 Photographs, Architectural Characteristics, and Age of Miscellaneous Structures

Examples	*Characteristics*
	Mixed use (residential with a commercial first floor), places of assembly, theatres, triangular buildings, halls, parking structures: • Long spans • Tall first story (for commercial use) – soft or weak story • Atria or irregular floor-to-floor layout

a. 1920-1930

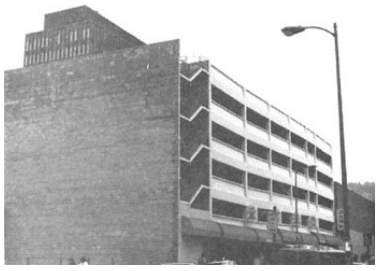
b. 1920-1950

c. 1990-2000

d. 1990-2000; airport terminal

e. 1920-1930; windows create coupled shear walls.

f. Pre-1930



g. 1950 – 1965 parking structure

h. 1920-1930; theater and shops complex, reinforced concrete

a. Building above is a high-rise steel dual system – moment frame (heavy columns and beams on upper facade) with bracing around elevator core. Fireproofing is being applied to steel at mid-height (inside the shroud) and precast facade elements are being attached to frame in lower stories.

b. Reinforced concrete frame under renovation – demolition of older facade units.

c. New precast facade units being applied to reinforced concrete frame buildings.

Figure D-1 Photos showing basic construction, in steel-frame buildings and reinforced concrete-frame buildings.

With this information, Tables D-4 through D-7 provide the most likely structural system type, based on original occupancy and number of stories. (These tables are based on expert judgment and would benefit from verification by design professionals and building regulatory personnel familiar with local design and construction practices.)

In addition to using information on occupancy and number of stories, as provided in Tables D-4 through D-7, the following are some locations that

Table D-4 Most Likely Structural Types for Pre-1930 Buildings

Original Occupancy	*Number of Stories*					
	1-2	*3*	*4-6*	*7-15*	*15-30*	*30+*
Residential	W URM	W URM	S5 C3 URM	S5 C3		
Commercial	W S4 S5 C1 C2 C3 URM	W S4 S5 C1 C2 C3 URM	S1 S2 S4 S5 C1 C2 C3 URM	S1 S2 S4 S5 C1 C2 C3	S1 S2 S4 S5 C1 C2 C3	
Industrial	W S1 S2 S3 S5 C1 C2 C3 URM	W S1 S2 S5 C1 C2 C3 URM				

Note: If it is not possible to identify immediately the structural type for a pre-1930 building, the original occupancy and number of stories will provide some guidance. The building will need further inspection for precise identification.

Table D-5 Most Likely Structural Types for 1930-1945 Buildings

Original Occupancy	*Number of Stories*					
	1-2	*3*	*4-6*	*7-15*	*15-30*	*30+*
Residential	W URM	W URM	S1 S2 S5 URM	S1 S2 S5		
Commercial	W S1 S2 S5 C1 C2 C3 RM1 RM2 URM	W S1 S2 S5 C1 C2 C3 RM1 RM2 URM	S1 S2 S5 C1 C2 C3 RM1 RM2 URM	S1 S2 S5 C1 C2 C3	S1 S2 S5 C1 C2 C3	S2 S5
Industrial	S3 S5 C1 C2 C3 RM1 RM2 URM	S3 S5 C1 C2 C3 RM1 RM2 URM	C1 C2 C3			

Note: If it is not possible to identify immediately the structural type for a 1930-1945 building, the original occupancy and number of stories will provide some guidance. The building will need further inspection for precise identification.

Table D-6 Most Likely Structural Types for 1945-1960 Buildings

Original Occupancy	*Number of Stories* 1-2	3	4-6	7-15	15-30	30+
Residential	W RM URM*	W RM URM*	S1 S2 C1 C2 RM1,2 URM*	S1 S2 C1 C2	S1 S2 C1 C2	S1 S2 C1 C2
Commercial	W S1 S2 C1 C2 RM1,2 URM*	W S1 S2 C1 C2 RM1,2 URM*	S1 S2 C1 C2 RM1 RM2 URM*	S1 S2 C1 C2	S1 S2 C1 C2	S1 S2 C1 C2
Industrial	C1 C2 PC1 RM1 RM2 URM*	S1 S2 C1 C2 RM1,2 URM*	S1 S2 C1 C2 RM1,2 URM*			

Notes: If it is not possible to identify immediately the structural type for a 1945-1960 building, the original occupancy and number of stories will provide some guidance. The building will need further inspection for precise identification.

*By this period, URM was generally not permitted in California or other high-seismicity locations, so that only in the central or eastern U.S. would buildings of this age be URM.

Table D-7 Most Likely Structural Types for Post-1960 Buildings

Original Occupancy	*Number of Stories* 1-2	3	4-6	7-15	15-30	30+
Residential	W S1 S2 C1 C2 PC2 RM1,2	W S1 S2 C1 C2 PC2 RM1,2	W S1 S2 C1 C2 PC2 RM1,2	S1 S2 C1 C2 PC2 RM1 RM2		
Commercial	W S1 S2 C1 C2 PC1 PC2 RM1,2	W S1 S2 C1 C2 PC1 PC2 RM1,2	W S1 S2 C1 C2 PC2 RM1 RM2	S1 S2 C1 C2 PC2 RM1 RM2	S1 S2 C1 C2 PC2	S1 S2 C1 C2
Industrial	S1 S2 S3 C1 C2 PC1 PC2 RM1,2	S1 S2 C1 C2 PC1 PC2 RM1 RM2	S1 S2 C1 C2 PC2 RM1 RM2	S1 S2 C1 C2 PC2	C1 C2 PC2	

Note: If it is not possible to identify immediately the structural type for a post-1960 building, the original occupancy and number of stories will provide some guidance. The building will need further inspection for precise identification.

the screener can look, without performing destructive investigations, to gain insight into the structure type:

1. In newer frame construction the columns are often exposed on the exterior in the first story. If the columns are covered with a facade material, they are most likely steel columns, indicating a steel frame. If the frames are concrete, they are usually exposed and not covered with a facade. See Figures D-2 and D-3.
2. Some structures use a combination of shear walls in the transverse direction and frames in the longitudinal direction. This can be seen from the exterior as the shear walls usually extend through the exterior longitudinal wall and are exposed there. This is most common in hotels and other residential structures where balconies are included. See Figure D-4.
3. An inspection of doorways and window framing can determine wall thickness. When the thickness exceeds approximately 12 inches, the wall is most likely unreinforced masonry (URM).

Figure D-2 Building with exterior columns covered with a facade material.

4. If there are vertical joints in the wall, regularly spaced and extending to the full height, the wall is constructed of concrete, and if three or less stories in height, the structure type is most likely a tilt-up (PC1). See Figure D-5.
5. If the building is constructed of brick masonry without header courses (horizontal rows of visible brick ends), and the wall thickness is approximately 8 inches, the structural type is most likely reinforced masonry (RM1 or RM2). See Figure D-6.
6. If the exterior wall shows large concrete block units (approximately 8 to 12 inches high and 12 to 16 inches in length), either smooth or rough faced, the structure type may be reinforced concrete block masonry. See Figure D-7.

Figure D-3 Detail of the column facade of Figure D-2.

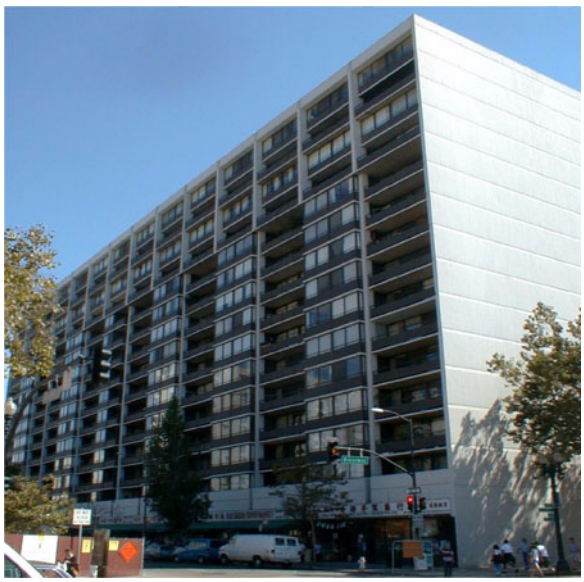


Figure D-4 Building with both shear walls (in the short direction) and frames (in the long direction).

Because many buildings have been renovated, the screener should know where to look for clues to the original construction. Most renovations are done for commercial retail spaces, as businesses like to have an up-to-date image. Most exterior renovations are only to the front of the building or to walls that attract attention. Therefore, the original construction

Figure D-5 Regular, full-height joints in a building's wall indicate a concrete tilt-up.

Figure D-6 Reinforced masonry wall showing no course of header bricks (a row of visible brick ends).

can often be seen at the sides, or the rear, where people generally do not look. If the original material is covered in these areas, it is often just painted or lightly plastered. In this case, the pattern of the older material can often still be seen.

Clues helping identify the original material are apparent if one is looking for them. Two examples are included here:

- Figure D-8 shows a building with a 1970s polished stone and glass facade. The side of the building indicates that it is a pre-1930 URM bearing-wall structure.
- Figure D-9 shows a building facade with typical 1960s material. The side was painted. Showing through the paint, the horizontal board patterns in the poured-in-place concrete wall of pre-1940 construction could still be seen.

Figure D-7 Reinforced masonry building with exterior wall of concrete masonry units, or concrete blocks.

Figure D-8 A 1970s renovated facade hides a URM bearing-wall structure.

D.5 Characteristics of Exposed Construction Materials

Accurate identification of the structural type often depends on the ability to recognize the exposed construction material. The screener should be familiar

Figure D-9 A concrete shear-wall structure with a 1960s renovated facade.

Figure D-10 URM wall showing header courses (identified by arrows) and two washer plates indicating wall anchors.

with how different materials look on existing buildings as well as how they have been installed. Brief descriptions of some common materials are included here:

- *Unreinforced Masonry*—Unreinforced masonry walls, when they are not veneers, are typically several wythes thick (a wythe is a term denoting the width of one brick). Therefore, header bricks will be apparent in the exposed surface. Headers are bricks laid with the butt end on the exterior face, and function to tie wythes of bricks together. Header courses typically occur every six or seven courses. (See Figures D-10 and D-11.) Sometimes, URM infill walls will not have header bricks, and the wythes of brick are held together only by mortar. Needless to say, URM will look old, and most of the time show wear and weathering. URM may also have a soft sand-lime mortar which may be detected by scratching with a knife, unless the masonry has been repointed.
- *Reinforced Masonry*—Most reinforced brick walls are constructed using the hollow grout method. Two wythes of bricks are laid with a hollow space in between. This space contains the reinforcement steel and is grouted afterward (see Figure D-12). This method of construction usually does not include header bricks in the wall surface.
- *Masonry Veneer*—Masonry veneers can be of several types, including prefabricated panels, thin brick texture tiles, and a single wythe of brick applied onto the structural backing. Figures D-13 shows brick veneer panels. Note the discontinuity of the brick pattern interrupted by the vertica1 gaps. This indicates that the surface is probably a veneer panel. The scupper opening at the top of the wall, probably to let the rainwater on the roof to drain, also indicates that this is a thin veneer rather than a solid masonry

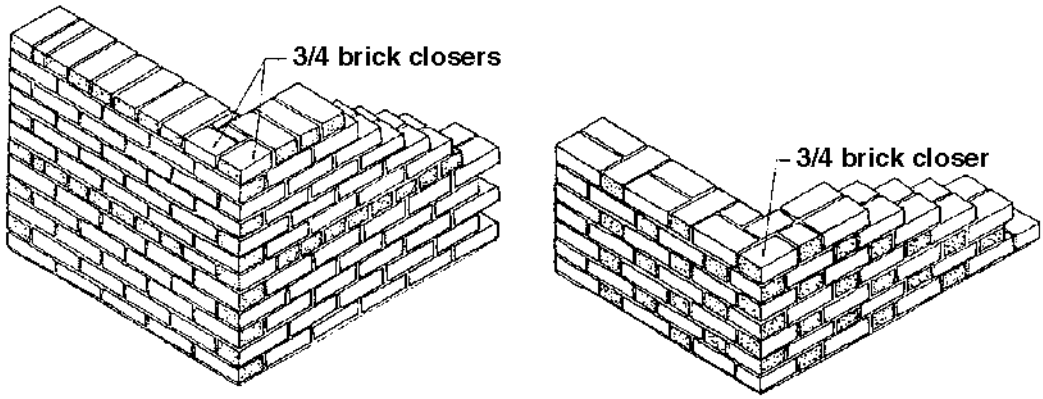


Figure D-11 Drawing of two types of masonry pattern showing header bricks (shown with stipples).

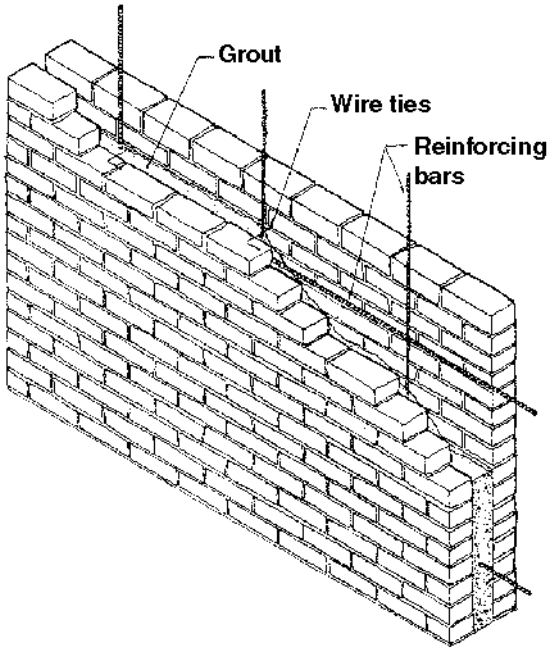


Figure D-12 Diagram of common reinforced masonry construction. Bricks are left out of the bottom course at intervals to create cleanout holes, then inserted before grouting.

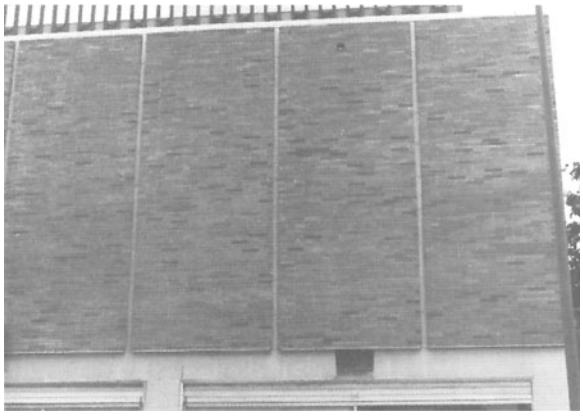


Figure D-13 Brick veneer panels.

wall. Good places to look for the evidence of veneer tile are at door or window openings where the edge of the tile will usually show.

- *Hollow Clay Tile*—The exposed area of a hollow clay tile masonry unit is approximately 6 inches by 10 inches and often has strip indentations running the length of the tile. They are fragile, unreinforced, and without structural value, and usually are used for non-load-bearing walls.

Figure D-14 Hollow clay tile wall with punctured tile.

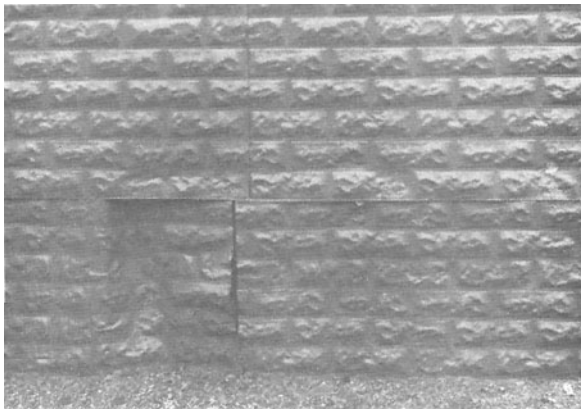


Figure D-15 Sheet metal siding with masonry pattern.

Figure D-14 shows a typical wall panel which has been punctured.

- *False Masonry*—Masonry pattern sidings can be made from sheet metal, plastic, or asphalt material (see Figures D-15 and D-16). These sidings come in sheets and are attached to a structural backing, usually a wood frame. These sidings can be detected by looking at the edges and by their sound when tapped.
- *Cast-in-Place Concrete*—Cast-in-place concrete, before the 1940s, will likely show horizontal patterns from the wooden formwork. The formwork was constructed with wood planks, and therefore the concrete also will often show the wood grain pattern. Since the plank edges were not smooth,

the surface will have horizontal lines approximately 4, 6, 8, 10, or 12 inches apart (see Figure D-17). Newer cast-in-place concrete comes in various finishes. The most economic finish is that in which the concrete is cast against plywood formwork, which will reflect the wood grain appearance of plywood, or against metal or plastic-covered wood forms, which normally do not show a distinctive pattern.

Figure D-16 Asphalt siding with brick pattern.

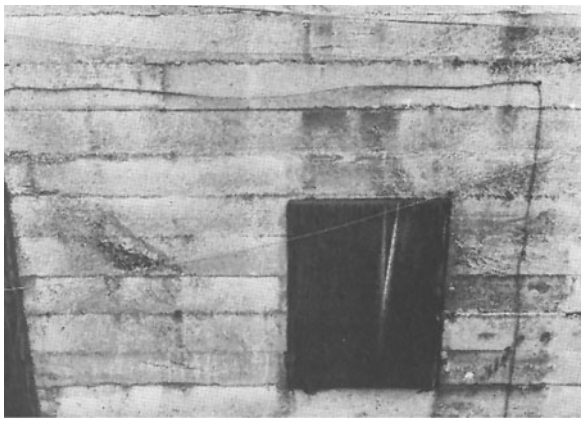


Figure D-17 Pre-1940 cast-in-place concrete with formwork pattern.

Appendix E

Characteristics and Earthquake Performance of RVS Building Types

E.1 Introduction

For the purpose of the RVS, building structural framing types have been categorized into fifteen types listed in Section 3.7.1 and shown in Table 3-1. This appendix provides additional information about each of these structural types, including detailed descriptions of their characteristics, common types of earthquake damage, and common seismic rehabilitation techniques.

E.2 Wood Frame (W1, W2)

E.2.1 Characteristics

Wood frame structures are usually detached residential dwellings, small apartments, commercial buildings or one-story industrial structures. They are rarely more than three stories tall, although older buildings may be as high as six stories, in rare instances. (See Figures E-1 and E-2)

Figure E-1 Single family residence (an example of the W1 identifier, light wood-frame residential and commercial buildings less than 5000 square feet).

Wood stud walls are typically constructed of 2-inch by 4-inch wood members vertically set about 16 inches apart. (See Figures E-3 and E-4). These walls are braced by plywood or equivalent material, or by diagonals made of wood or steel. Many detached single family and low-rise multiple family residences in the United States are of stud wall wood frame construction.

Figure E-2 Larger wood-framed structure, typically with room-width spans (W2, light, wood-frame buildings greater than 5000 square feet).

Post and beam construction, which consists of larger rectangular (6 inch by 6 inch and larger) or sometimes round wood columns framed together with large wood beams or trusses, is not common and is found mostly in older buildings. These buildings usually are not residential, but are larger buildings such as warehouses, churches and theaters.

Timber pole buildings (Figures E-5 and E-6) are a less common form of construction found mostly in suburban and rural areas. Generally adequate seismically when first built, they are more often subject to wood deterioration due to the exposure of the columns, particularly near the ground surface. Together with an often-found "soft story" in this building type, this deterioration may contribute to unsatisfactory seismic performance.

In the western United States, it can be assumed that all single detached residential houses (i.e., houses with rear and sides separate from adjacent structures) are wood stud frame structures unless visual or supplemental information indicates otherwise (in the Southwestern U.S., for example, some residential homes are constructed of adobe, rammed earth, and other non-wood materials). Many houses that appear to have brick exterior facades are actually wood frame with nonstructural brick veneer or brick-patterned synthetic siding.

In the central and eastern United States, brick walls are usually not veneer. For these houses the

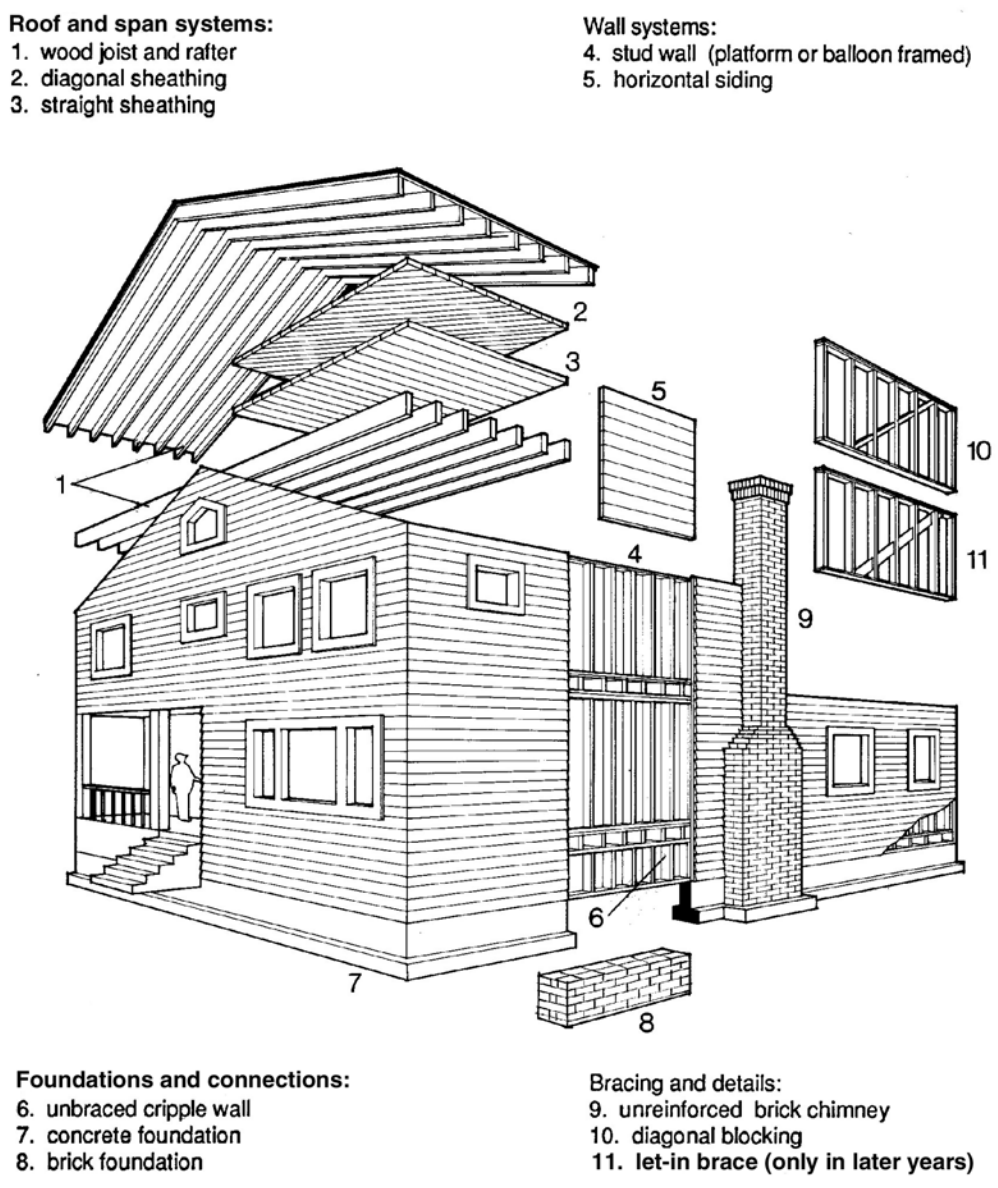


Figure E-3 Drawing of wood stud frame construction.

brick-work must be examined closely to verify that it is real brick. Second, the thickness of the exterior wall is estimated by looking at a window or door opening. If the wall is more than 9 inches from the interior finish to exterior surface, then it may be a brick wall. Third, if header bricks exist in the brick pattern, then it may be a brick wall. If these features all point to a brick wall, the house can be assumed to be a masonry building, and not a wood frame.

In wetter, humid climates it is common to find homes raised four feet or more above the outside grade with this space totally exposed (no foundation walls). This allows air flow under the house, to minimize decay and rot problems associated with high humidity and enclosed spaces. These houses are supported on wood post and small precast concrete pads or piers. A common name for this construction is post and pier construction.

E.2.2 Typical Earthquake Damage

Stud wall buildings have performed well in past earthquakes due to inherent qualities of the structural system and because they are lightweight and low-rise. Cracks in any plaster or stucco may appear, but these seldom degrade the strength of the building and are classified as nonstructural damage. In fact, this

Figure E-4 Stud wall, wood-framed house.

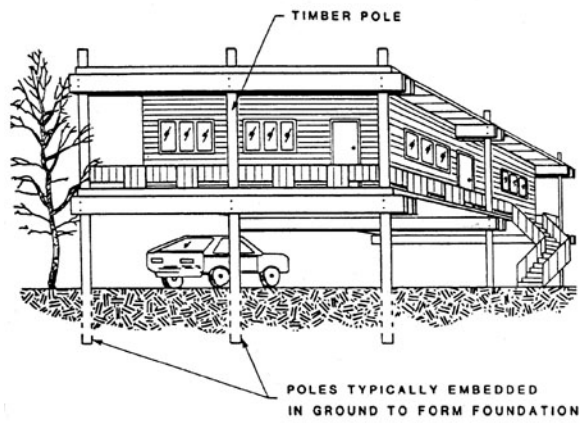


Figure E-5 Drawing of timber pole framed house.

Figure E-6 Timber pole framed house.

type of damage helps dissipate the earthquake-induced energy of the shaking house. The most common type of structural damage in older buildings results from a lack of adequate connection between the house and the foundation. Houses can slide off their foundations if they are not properly bolted to the foundations. This movement (see Figure E-7) results in major damage to the building as well as to plumbing and electrical connections. Overturning of

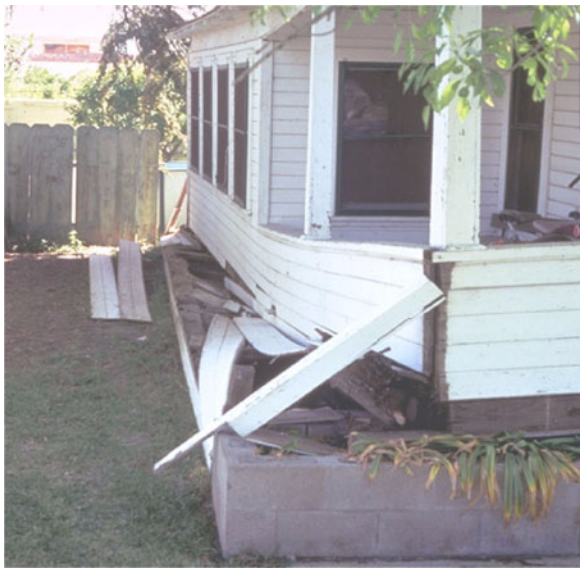


Figure E-7 House off its foundation, 1983 Coalinga earthquake.

the entire structure is usually not a problem because of the low-rise geometry. In many municipalities, modern codes require wood structures to be adequately bolted to their foundations. However, the year that this practice was adopted will differ from community to community and should be checked.

Many of the older wood stud frame buildings have no foundations or have weak foundations of unreinforced masonry or poorly reinforced concrete. These foundations have poor shear resistance to horizontal seismic forces and can fail.

Another problem in older buildings is the stability of cripple walls. Cripple walls are short stud walls between the foundation and the first floor level. Often these have no bracing neither in-plane nor out-of-plane and thus may collapse when subjected to horizontal earthquake loading. If the cripple walls collapse, the house will sustain considerable damage and may collapse. In some older homes, plywood sheathing nailed to the cripple studs may have been used to rehabilitate the cripple walls. However, if the sheathing is not nailed adequately to the studs and

Figure E-8 Failed cripple stud wall, 1992 Big Bear earthquake.

foundation sill plate, the cripple walls will still collapse (see Figure E-8).

Homes with post and pier perimeter foundations, which are constructed to provide adequate air flow under the structure to minimize the potential for decay, have little resistance to earthquake forces. When these buildings are subjected to strong earthquake ground motions, the posts may rotate or slip of the piers and the home will settle to the ground. As with collapsed cripple walls, this can be very expensive damage to repair and will result in the home building "red-tagged" per the ATC-20 post-earthquake safety evaluation procedures (ATC, 1989, 1995). See Figure E-9.

Figure E-9 Failure of post and pier foundation, Humboldt County.

Garages often have a large door opening in the front wall with little or no bracing in the remainder of the wall. This wall has almost no resistance to lateral forces, which is a problem if a heavy load such as a second story is built on top of the garage. Homes built over garages have sustained damage in past earthquakes, with many collapses. Therefore the house-over-garage configuration, which is found commonly in low-rise apartment complexes and some newer suburban detached dwellings, should be examined more carefully and perhaps rehabilitated.

Unreinforced masonry chimneys present a life-safety problem. They are often inadequately tied to the house, and therefore fall when strongly shaken. On the other hand, chimneys of reinforced masonry generally perform well.

Some wood-frame structures, especially older buildings in the eastern United States, have masonry veneers that may represent another hazard. The veneer usually consists of one wythe of brick (a wythe is a term denoting the width of one brick) attached to the stud wall. In older buildings, the veneer is either insufficiently attached or has poor quality mortar, which often results in peeling of the veneer during moderate and large earthquakes.

Post and beam buildings (not buildings with post and pier foundations) tend to perform well in earthquakes, if adequately braced. However, walls often do not have sufficient bracing to resist horizontal motion and thus they may deform excessively.

E.2.3 Common Rehabilitation Techniques

In recent years, especially as a result of the Northridge earthquake, emphasis has been placed on addressing the common problems associated with light-wood framing. This work has concentrated mainly in the western United States with single-family residences.

The rehabilitation techniques focus on houses with continuous perimeter foundations and cripple walls. The rehabilitation work consists of bolting the house to the foundation and providing plywood or other wood sheathing materials to the cripple walls to strengthen them (see Figure E-10). This is the most cost-effective rehabilitation work that can be done on a single-family residence.

Little work has been done in rehabilitating timber pole buildings or post and pier construction. In timber pole buildings rehabilitation techniques are focused on providing resistance to lateral forces by bracing (applying sheathing) to interior walls, creating a continuous load path to the ground. For homes with post and pier perimeter foundations, the work has focused on providing partial foundations and bracing to carry the earthquake loads.

Figure E-10 Seismic strengthening of a cripple wall, with plywood sheathing.

E.3 Steel Frames (S1, S2)

E.3.1 Characteristics

Steel frame buildings generally may be classified as either moment-resisting frames or braced frames, based on their lateral-force-resisting systems. Moment-resisting frames resist lateral loads and deformations by the bending stiffness of the beams and columns (there is no diagonal bracing). In concentric braced frames the diagonal braces are connected, at each end, to the joints where beams and columns meet. The lateral forces or loads are resisted by the tensile and compressive strength of the bracing. In eccentric braced frames, the bracing is slightly offset from the main beam-to-column connections, and the short section of beam is expected to deform significantly in bending under major seismic forces, thereby dissipating a considerable portion of the energy of the vibrating building. Each type of steel frame is discussed below.

Moment-Resisting Steel Frame

Typical steel moment-resisting frame structures usually have similar bay widths in both the transverse and longitudinal direction, around 20-30 ft (Figure E-11). The load-bearing frame consists of beams and columns distributed throughout the building. The floor diaphragms are usually concrete,

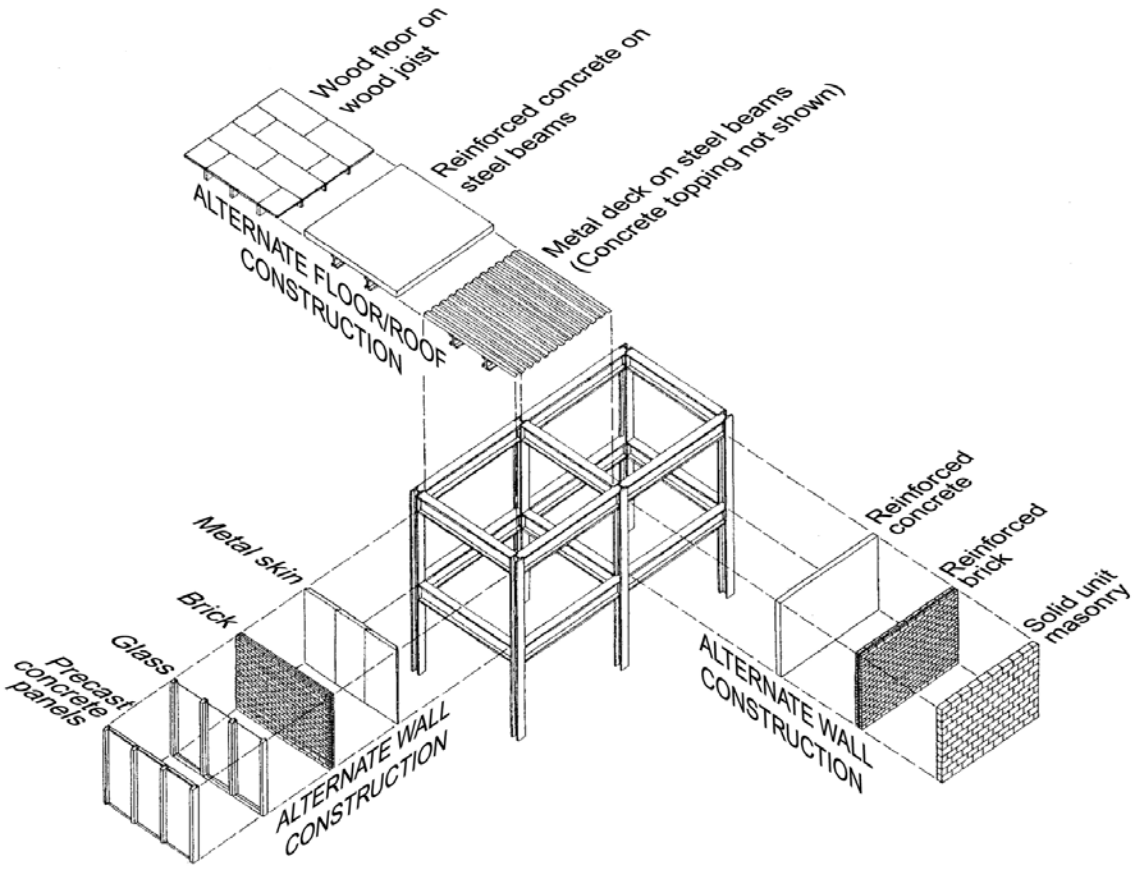


Figure E-11 Drawing of steel moment-resisting frame building.

sometimes over steel decking. Moment-resisting frame structures built since 1950 often incorporate prefabricated panels hung onto the structural frame as the exterior finish. These panels may be precast concrete, stone or masonry veneer, metal, glass or plastic.

This structural type is used for commercial, institutional and other public buildings. It is seldom used for low-rise residential buildings.

Steel frame structures built before 1945 are usually clad or infilled with unreinforced masonry such as bricks, hollow clay tiles and terra cotta tiles and therefore should be classified as S5 structures (see Section E.6 for a detailed discussion). Other frame buildings of this period are encased in concrete. Wood or concrete floor diaphragms are common for these older buildings.

Braced Steel Frame

Braced steel frame structures (Figures E-12 and E-13) have been built since the late 1800s with similar usage and exterior finish as the steel moment-frame buildings. Braced frames are sometimes used for long and narrow buildings because of their stiffness. Although these buildings are braced with diagonal members, the bracing members usually cannot be detected from the building exterior.

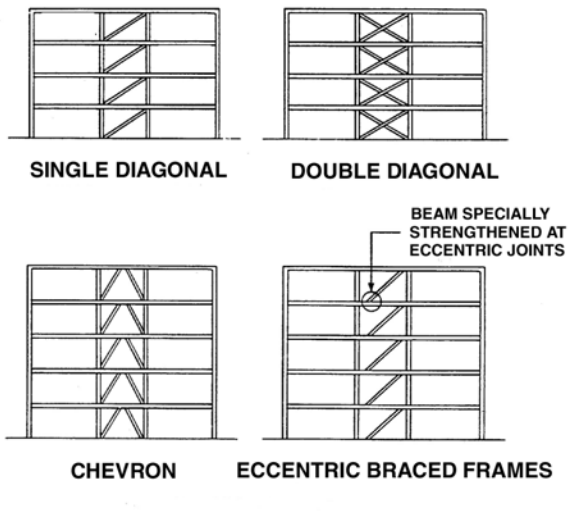


Figure E-12 Braced frame configurations.

From the building exterior, it is usually difficult to tell the difference between steel moment frames, braced frames, and frames with shear walls. In most modern buildings, the bracing or shear walls are located in the interior or covered by cladding material. Figure E-14 shows heavy diagonal bracing for a high rise building, located at the side walls, which

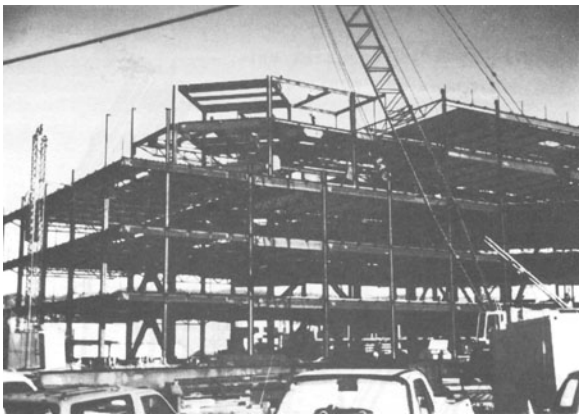


Figure E-13 Braced steel frame, with chevron and diagonal braces. The braces and steel frames are usually covered by finish material after the steel is erected.

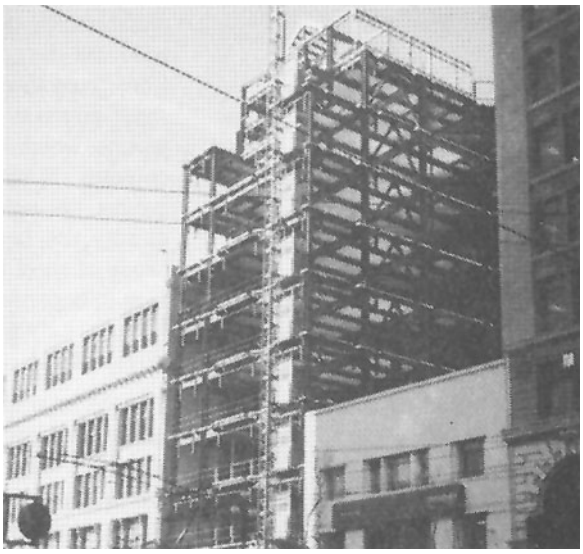


Figure E-14 Chevron bracing in steel building under construction.

will be subsequently covered by finish materials and will not be apparent. In fact, it is difficult to differentiate steel frame structures and concrete frame structures from the exterior. Most of the time, the structural members are clad in finish material. In older buildings, steel members can also be encased in concrete. There are no positive ways of distinguishing these various frame types except in the two cases listed below:

1. If a building can be determined to be a braced frame, it is probably a steel structure.

2. If exposed steel beams and columns can be seen, then the steel frame structure is apparent. (Especially in older structures, a structural frame which appears to be concrete may actually be a steel frame encased in concrete.)

E.3.2 Typical Earthquake Damage

Steel frame buildings tend to be generally satisfactory in their earthquake resistance, because of their strength, flexibility and lightness. Collapse in earthquakes has been very rare, although steel frame buildings did collapse, for example, in the 1985 Mexico City earthquake. In the United States, these buildings have performed well, and probably will not collapse unless subjected to sufficiently severe ground shaking. The 1994 Northridge and 1995 Kobe earthquakes showed that steel frame buildings (in particular S1 moment-frame) were vulnerable to severe earthquake damage. Though none of the damaged buildings collapsed, they were rendered unsafe until repaired. The damage took the form of broken welded connections between the beams and columns. Cracks in the welds began inside the welds where the beam flanges were welded to the column flanges. These cracks, in some cases, broke the welds or propagated into the column flange, "tearing" the flange. The damage was found in those buildings that experienced ground accelerations of approximately 20% of gravity (20%g) or greater. Since 1994 Northridge, many cities that experienced large earthquakes in the recent past have instituted an inspection program to determine if any steel frames were damaged. Since steel frames are usually covered with a finish material, it is difficult to find damage to the joints. The process requires removal of the finishes and removal of fireproofing just to see the joint.

Possible damage includes the following.

1. Nonstructural damage resulting from excessive deflections in frame structures can occur to elements such as interior partitions, equipment, and exterior cladding. Damage to nonstructural elements was the reason for the discovery of damage to moment frames as a result of the 1994 Northridge earthquake.
2. Cladding and exterior finish material can fall if insufficiently or incorrectly connected.
3. Plastic deformation of structural members can cause permanent displacements.
4. Pounding with adjacent structures can occur.

E.3.3 Common Rehabilitation Techniques

As a result of the 1994 Northridge earthquake many steel frame buildings, primarily steel moment frames, have been rehabilitated to address the problems discovered. The process is essentially to redo the connections, ensuring that cracks do not occur in the welds. There is careful inspection of the welding process and the electrodes during construction. Where possible, existing full penetration welds of the beams to the columns is changed so more fillet welding is used. This means that less heat is used in the welding process and consequently there is less potential for damage. Other methods include reducing welding to an absolute minimum by developing bolted connections or ensuring that the connection plates will yield (stretch permanently) before the welds will break. One other possibility for rehabilitating moment frames is to convert them to braced frames.

Figure E-15 Rehabilitation of a concrete parking structure using exterior X-braced steel frames.

The kind of damage discovered was not limited to moment frames, although they were the most affected. Some braced frames were found to have damage to the brace connections, especially at lower levels.

Structural types other than steel frames are sometimes rehabilitated using steel frames, as shown for the concrete structure in Figure E-15. Probably the most common use of steel frames for rehabilitation is in unreinforced masonry bearing-wall buildings (URM). Steel frames are typically used at the storefront windows as there is no available horizontal resistance provided by the windows in their plane. Frames can be used throughout the first floor perimeter when the floor area needs to be open, as in a restaurant. See Figure E-16.

When a building is encountered with this type of rehabilitation scheme, the building should be considered a frame type building S1 or S2.

E.4 Light Metal (S3)

E.4.1 Characteristics

Most light metal buildings existing today were built after 1950 (Figure E-17).They are used for agricultural structures, industrial factories, and warehouses. They are typically one story in height, sometimes without interior columns, and often enclose a large floor area. Construction is typically of steel frames spanning the short dimension of the building, resisting lateral forces as moment frames. Forces in the long direction are usually resisted by diagonal steel rod bracing. These buildings are usually clad with lightweight metal or asbestos-reinforced concrete siding, often corrugated.

To identify this construction type, the screener should look for the following characteristics:

Figure E-16 Use of a braced frame to rehabilitate an unreinforced masonry building.

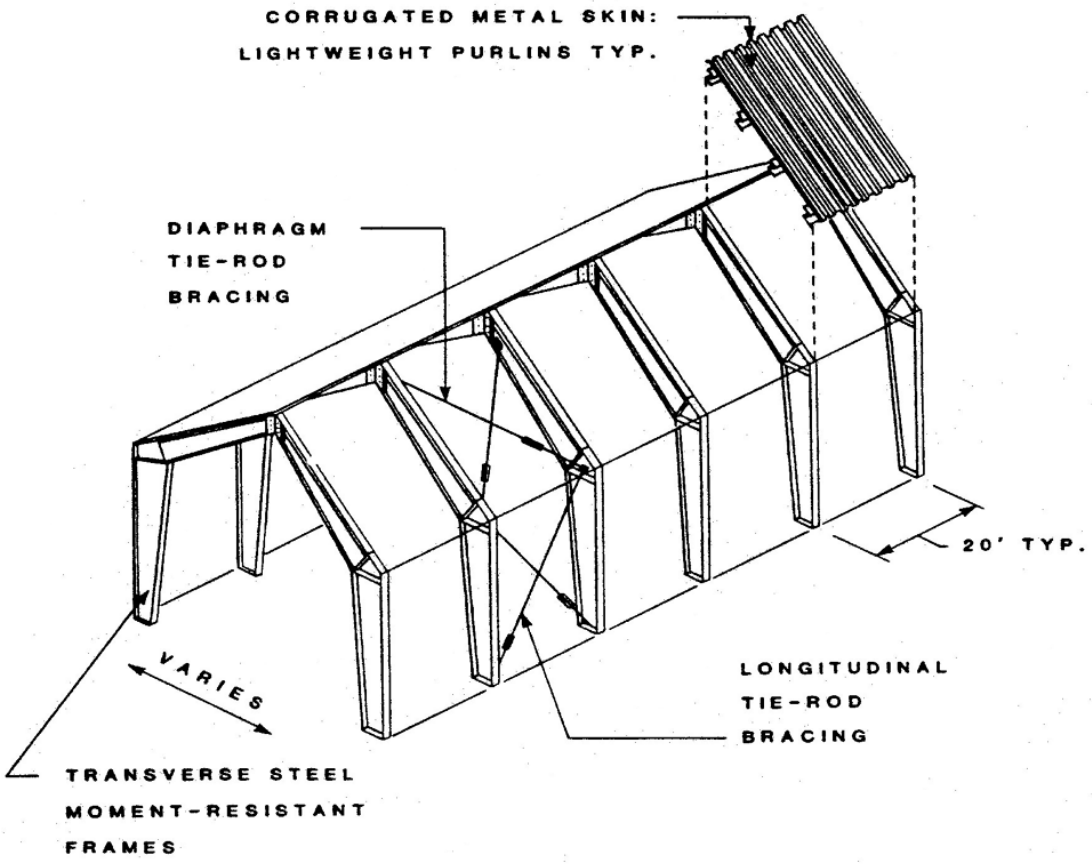


Figure E-17 Drawing of light metal construction.

1. Light metal buildings are typically characterized by industrial corrugated sheet metal or asbestos-reinforced cement siding. The term, "metal building panels" should not be confused with "corrugated sheet metal siding." The former are prefabricated cladding units usually used for large office buildings. Corrugated sheet metal siding is thin sheet material usually fastened to purlins, which in turn span between columns. If this sheet cladding is present, the screener should examine closely the fasteners used. If the heads of sheet metal screws can be seen in horizontal rows, the building is most likely a light metal structure (Figure E-18).

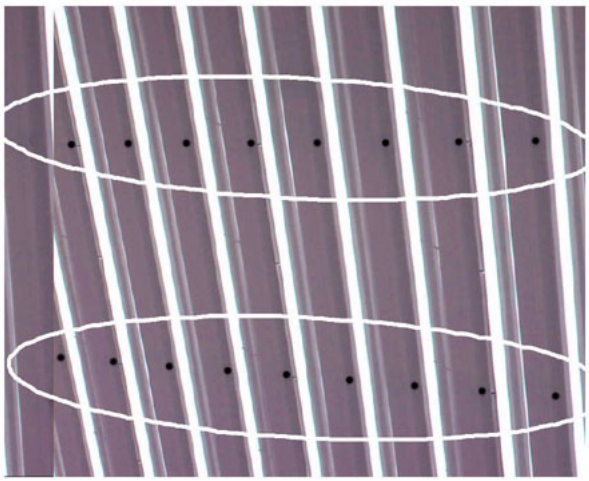


Figure E-18 Connection of metal siding to light metal frame with rows of screws (encircled).

2. Because the typical structural system consists of moment frames in the transverse direction and frames braced with diagonal steel rods in the longitudinal direction, light metal buildings often have low-pitched roofs without parapets or overhangs (Figure E-19). Most of these buildings are prefabricated, so the buildings tend to be rectangular in plan, without many corners.
3. These buildings generally have only a few windows, as it is difficult to detail a window in the sheet metal system.
4. The screener should look for signs of a metal building, and should knock on the siding to see if it sounds hollow. Door openings should be inspected for exposed steel members. If a gap, or light, can be seen where the siding meets the ground, it is certainly light metal or wood frame. For the best indication, an interior inspection will confirm the structural skeleton, because most of these buildings do not have interior finishes.

Figure E-19 Prefabricated metal building (S3, light metal building).

E.4.2 Typical Earthquake Damage

Because these building are low-rise, lightweight, and constructed of steel members, they usually perform relatively well in earthquakes. Collapses do not usually occur. Some typical problems are listed below:

1. Insufficient capacity of tension braces can lead to their elongation or failure, and, in turn, building damage.
2. Inadequate connection to the foundation can allow the building columns to slide.
3. Loss of the cladding can occur.

E.5 Steel Frame with Concrete Shear Wall (S4)

E.5.1 Characteristics

The construction of this structural type (Figure E-20) is similar to that of the steel moment-resisting frame in that a matrix of steel columns and girders is distributed throughout the structure. The joints, however, are not designed for moment resistance, and the lateral forces are resisted by concrete shear walls.

It is often difficult to differentiate visually between a steel frame with concrete shear walls and one without, because interior shear walls will often be covered by interior finishes and will look like interior nonstructural partitions. For the purposes of an RVS, unless the shear wall is identifiable from the exterior (i.e., a raw concrete finish was part of the architectural aesthetic of the building, and was left exposed), this building cannot be identified accurately. Figure E-21shows a structure with such an exposed shear wall. Figure E-22 is a close-up of shear wall damage.

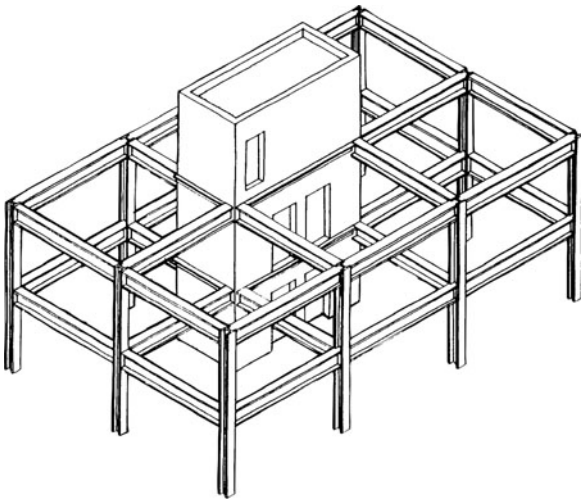


Figure E-20 Drawing of steel frame with interior concrete shear-walls.

Figure E-21 Concrete shear wall on building exterior.

E.5.2 Typical Earthquake Damage

The shear walls can be part of the elevator and service core, or part of the exterior or interior walls. This type of structure performs as well in earthquakes as other steel buildings. Some typical types of damage, other than nonstructural damage and pounding, are:

1. Shear cracking and distress can occur around openings in concrete shear walls.

Figure E-22 Close-up of exterior shear wall damage during a major earthquake.

2. Wall construction joints can be weak planes, resulting in wall shear failure at stresses below expected capacity.
3. Insufficient chord steel lap lengths can lead to wall bending failures.

E.6 Steel Frame with Unreinforced Masonry Infill (S5)

E.6.1 Characteristics

This construction type (Figures E-23 and E-24) consists of a steel structural frame and walls "infilled" with unreinforced masonry (URM). In older buildings, the floor diaphragms are often wood. Later buildings have reinforced concrete floors. Because of the masonry infill, the structure tends to be stiff. Because the steel frame in an older building is covered by unreinforced masonry for fire protection, it is easy to confuse this type of building with URM bearing-wall structures. Further, because the steel columns are relatively thin, they may be hidden in walls. An apparently solid masonry wall may enclose a series of steel columns and girders. These infill walls are usually two or three wythes thick. Therefore, header bricks will sometimes be present and thus mislead the screener into thinking the building is a URM bearing-wall structure, rather than infill. Often in these structures the infill and veneer masonry is exposed. Otherwise, masonry may be obscured by cladding in buildings, especially those that have undergone renovation.

When a masonry building is encountered, the screener should first attempt to determine if the masonry is reinforced, by checking the date of construction, although this is only a rough guide. A

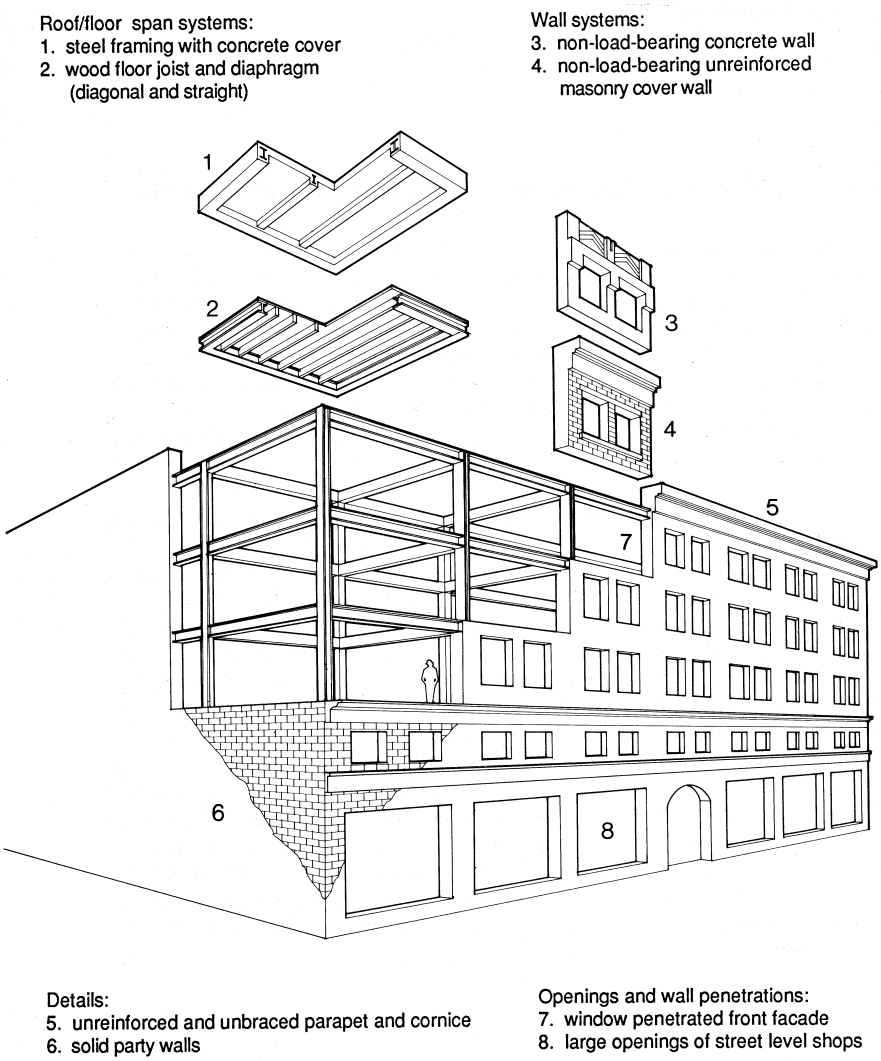


Figure E-23 Drawing of steel frame with URM infill.

clearer indication of a steel frame structure with URM infill is when the building exhibits the characteristics of a frame structure of type S1 or S2. One can assume all frame buildings clad in brick and constructed prior to about 1940 are of this type.

Older frame buildings may be of several types—steel frame encased with URM, steel frame encased with concrete, and concrete frame. Sometimes older buildings have decorative cladding such as terra cotta or stone veneer. Veneers may obscure all evidence of URM. In that case, the structural type cannot be determined. However, if there is evidence that a large amount of concrete is used in the building (for example, a rear wall constructed of concrete), then it is unlikely that the building has URM infill.

When the screener cannot be sure if the building is a frame or has bearing walls, two clues may help—the thickness of the walls and the height. Because infill walls are constructed of two or three wythes of bricks, they should be approximately 9 inches thick (2 wythes). Furthermore, the thickness of the wall will not increase in the lower stories, because the structural frame is carrying the load. For buildings over six stories tall, URM is infill or veneer, because URM bearing-wall structures are seldom this tall and, if so, they will have extremely thick walls in the lower stories.

E.6.2 Typical Earthquake Damage

In major earthquakes, the infill walls may suffer substantial cracking and deterioration from in-plane or out-of-plane deformation, thus reducing the in-plane wall stiffness. This in turn puts additional demand on the frame. Some of the walls may fail while others remain intact, which may result in torsion or soft story problems.

The hazard from falling masonry is significant as these buildings can be taller than 20 stories. As

Figure E-24 Example of steel frame with URM infill walls (S5).

described below, typical damage results from a variety of factors.

1. Infill walls tend to buckle and fall out-of-plane when subjected to strong lateral forces. Because infill walls are non-load-bearing, they tend to be thin (around 9") and cannot rely on the additional shear strength that accompanies vertical compressive loads.
2. Veneer masonry around columns or beams is usually poorly anchored to the structural members and can disengage and fall.
3. Interior infill partitions and other nonstructural elements can be severely damaged and collapse.
4. If stories above the first are infilled, but the first is not (a soft story), the difference in stiffness creates a large demand at the ground floor columns, causing structural damage.
5. When the earthquake forces are sufficiently high, the steel frame itself can fail locally. Connections between members are usually not designed for high lateral loads (except in tall buildings) and this can lead to damage of these connections. Complete collapse has seldom occurred, but cannot be ruled out.

E.6.3 Common Rehabilitation Techniques

Rehabilitation techniques for this structural type have focused on the expected damage. By far the most significant problem, and that which is addressed in most rehabilitation schemes, is failure of the infill wall out of its plane. This failure presents a significant life safety hazard to individuals on the exterior of the building, especially those who manage to exit the building during the earthquake. To remedy this problem, anchorage connections are developed to tie the masonry infill to the floors and roof of the structure.

Another significant problem is the inherent lack of shear strength throughout the building. Some of the rehabilitation techniques employed include the following.

1. Gunite (with pneumatically placed concrete) the interior faces of the masonry wall, creating reinforced concrete shear elements.
2. Rehabilitate the steel frames by providing cross bracing or by fully strengthening the connections to create moment frames. In this latter case, the frames are still not sufficient to resist all the lateral forces, and reliance on the infill walls is necessary to provide adequate strength.

For concrete moment frames the rehabilitation techniques have been to provide ductile detailing. This is usually done by removing the outside cover of concrete (a couple of inches) exposing the reinforcing ties. Additional ties are added with their ends embedded into the core of the column. The exterior concrete is then replaced. This process results in a detail that provides a reasonable amount of ductility but not as much as there would have been had the ductility been provided in the original design.

E.7 Concrete Moment-Resisting Frame (C1)

E.7.1 Characteristics

Concrete moment-resisting frame construction consists of concrete beams and columns that resist both lateral and vertical loads (see Figure E-25). A fundamental factor in the seismic performance of concrete moment-resisting frames is the presence or absence of ductile detailing. Hence, several construction subtypes fall under this category:

a. non-ductile reinforced-concrete frames with unreinforced infill walls,

b. non-ductile reinforced-concrete frames with reinforced infill walls,

c. non-ductile reinforced-concrete frames, and

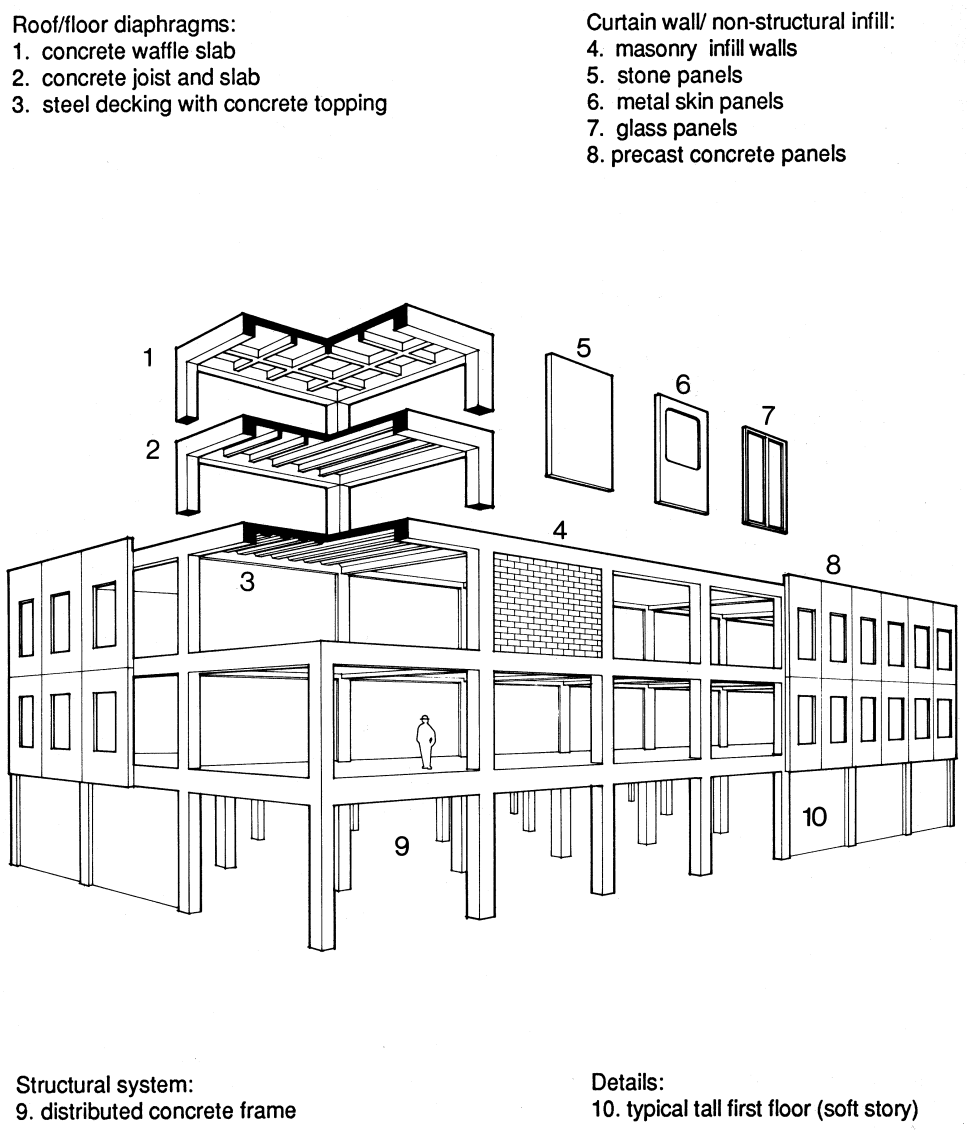


Figure E-25 Drawing of concrete moment-resisting frame building.

d. ductile reinforced-concrete frames.

Ductile detailing refers to the presence of special steel reinforcing within concrete beams and columns. The special reinforcement provides confinement of the concrete, permitting good performance in the members beyond the elastic capacity, primarily in bending. Due to this confinement, disintegration of the concrete is delayed, and the concrete retains its strength for more cycles of loading (i.e., the ductility is increased). See Figure E-26 for a dramatic example of ductility in concrete.

Ductile detailing (Figure E-27) has been practiced in high-seismicity areas since 1967, when ductility requirements were first introduced into the *Uniform Building Code* (the adoption and enforcement of ductility requirements in a given jurisdiction

Figure E-26 Extreme example of ductility in concrete, 1994 Northridge earthquake.

Figure E-27 Example of ductile reinforced concrete column, 1994 Northridge earthquake; horizontal ties would need to be closer for greater demands.

may be later, however). Prior to that time, nonductile or ordinary concrete moment-resisting frames were the norm (and still are, for moderate seismic areas). In high-seismicity areas additional tie reinforcing was required following the 1971 San Fernando earthquake and appeared in the *Uniform Building Code* in 1976.

In many low-seismicity areas of the United States, non-ductile concrete frames of type (a), (b), and (c) continue to be built. This group includes large multistory commercial, institutional, and residential buildings constructed using flat slab frames, waffle slab frames, and the standard beam-and-column frames. These structures generally are more massive than steel-frame buildings, are under-reinforced (i.e., have insufficient reinforcing steel embedded in the concrete) and display low ductility.

This building type is difficult to differentiate from steel moment-resisting frames unless the structural concrete has been left relatively exposed (see Figure E-28). Although a steel frame may be encased in concrete and appear to be a concrete frame, this is seldom the case for modern buildings (post 1940s). For the purpose of the RVS procedures, it can be assumed that all exposed concrete frames are concrete and not steel frames.

Figure E-28 Concrete moment-resisting frame building (C1) with exposed concrete, deep beams, wide columns (and with architectural window framing).

E.7.2 Typical Earthquake Damage

Under high amplitude cyclic loading, lack of confinement will result in rapid disintegration of nonductile concrete members, with ensuing brittle failure and possible building collapse (see Figure E-29).

Causes and types of damage include:

1. Excessive tie spacing in columns can lead to a lack of concrete confinement and shear failure.
2. Placement of inadequate rebar splices all at the same location in a column can lead to column failure.
3. Insufficient shear strength in columns can lead to shear failure prior to the full development of moment hinge capacity.
4. Insufficient shear tie anchorage can prevent the column from developing its full shear capacity.
5. Lack of continuous beam reinforcement can result in unexpected hinge formation during load reversal.

Figure E-29 Locations of failures at beam-to-column joints in nonductile frames, 1994 Northridge earthquake.

6. Inadequate reinforcing of beam-column joints or the positioning of beam bar splices at columns can lead to failures.
7. The relatively low stiffness of the frame can lead to substantial nonstructural damage.
8. Pounding damage with adjacent buildings can occur.

E.7.3 Common Rehabilitation Techniques

Rehabilitation techniques for reinforced concrete frame buildings depend on the extent to which the frame meets ductility requirements. The costs associated with the upgrading an existing, conventional beam-column framing system to meet the minimum standards for ductility are high and this approach is usually not cost-effective. The most practical and cost-effective solution is to add a system of shear walls or braced frames to provide the required seismic resistance (ATC, 1992).

E.8 Concrete Shear Wall (C2)

E.8.1 Characteristics

This category consists of buildings with a perimeter concrete bearing-wall structural system or frame structures with shear walls (Figure E-30). The structure, including the usual concrete floor diaphragms, is typically cast in place. Before the 1940s, bearing-wall systems were used in schools, churches, and industrial buildings. Concrete shear-wall buildings constructed since the early 1950s are institutional, commercial, and residential buildings, ranging from one to more than thirty stories. Frame buildings with shear walls tend to be commercial and industrial. A common example of the latter type is a warehouse with interior frames and perimeter concrete walls. Residential buildings of this type are often mid-rise towers. The shear walls in these newer buildings can be located along the perimeter, as interior partitions, or around the service core.

Frame structures with interior shear walls are difficult to identify positively. Where the building is clearly a box-like bearing-wall structure it is probably a shear-wall structure. Concrete shear wall buildings are usually cast in place. The screener should look for signs of cast-in-place concrete. In concrete bearing-wall structures, the wall thickness ranges from 6 to 10 inches and is thin in comparison to that of masonry bearing-wall structures.

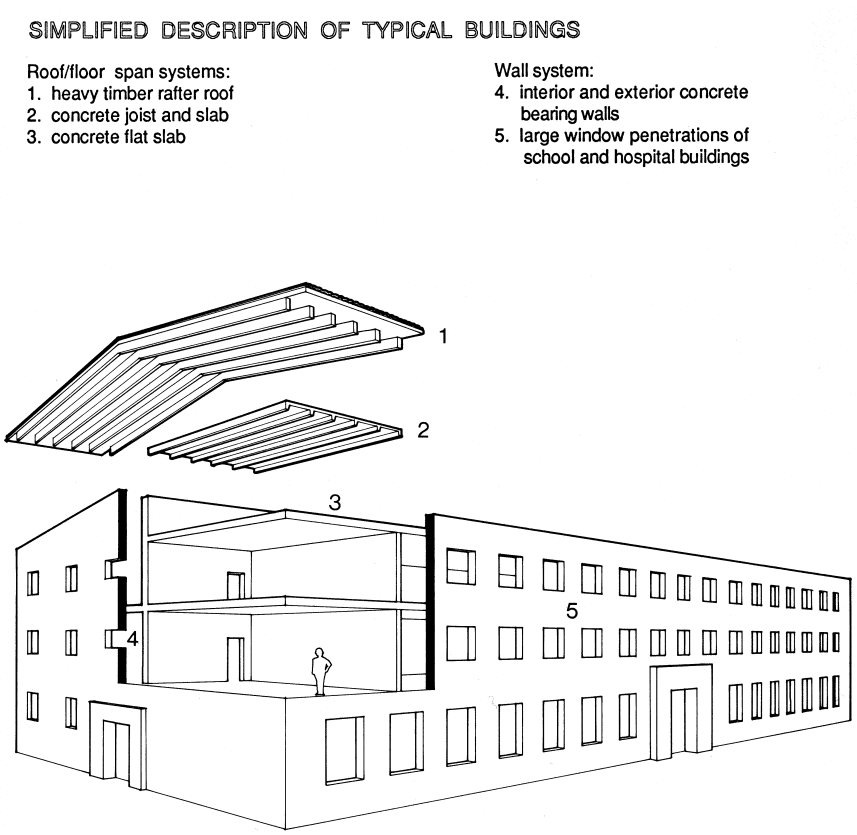


Figure E-30 Drawing of concrete shear-wall building.

E.8.2 Typical Types of Earthquake Damage

This building type generally performs better than concrete frame buildings. The buildings are heavy compared with steel frame buildings, but they are also stiff due to the presence of the shear walls. Damage commonly observed in taller buildings is caused by vertical discontinuities, pounding, and irregular configuration. Other damage specific to this building type includes the following.

1. During large seismic events, shear cracking and distress can occur around openings in concrete shear walls and in spandrel beams and link beams between shear walls (See Figures E-31 and E-32.)
2. Shear failure can occur at wall construction joints usually at a load level below the expected capacity.
3. Bending failures can result from insufficient vertical chord steel and insufficient lap lengths at the ends of the walls.

E.8.3 Common Rehabilitation

Reinforced concrete shear-wall buildings can be rehabilitated in a variety of ways. Techniques include: (1) reinforcing existing walls in shear by applying a layer of shotcrete or poured concrete; (2) where feasible, filling existing window or door openings with concrete to add shear strength and eliminate critical bending stresses at the edge of openings; and (3) reinforcing narrow overstressed shear panels in in-plane bending by adding reinforced boundary elements (ATC, 1992).

E.9 Concrete Frame with Unreinforced Masonry Infill (C3)

E.9.1 Characteristics

These buildings (Figures E-33 and E-34) have been, and continue to be, built in regions where unreinforced masonry (URM) has not been eliminated by code. These buildings were generally built before 1940 in high-seismicity regions and may continue to be built in other regions.

The first step in identification is to determine if the structure is old enough to contain URM. In contrast to steel frames with URM infill, concrete frames with URM infill usually show clear evidence of the concrete frames. This is particularly true for industrial buildings and can usually be observed at the side or rear of commercial buildings. The concrete col-

Figure E-31 Tall concrete shear-wall building: walls connected by damaged spandrel beams.

Figure E-32 Shear-wall damage, 1989 Loma Prieta earthquake.

umns and beams are relatively large and are usually not covered by masonry but left exposed.

A case in which URM infill cannot be readily identified is the commercial building with large windows on all sides; these buildings may have interior URM partitions. Another difficult case occurs when the exterior walls are covered by decorative tile or

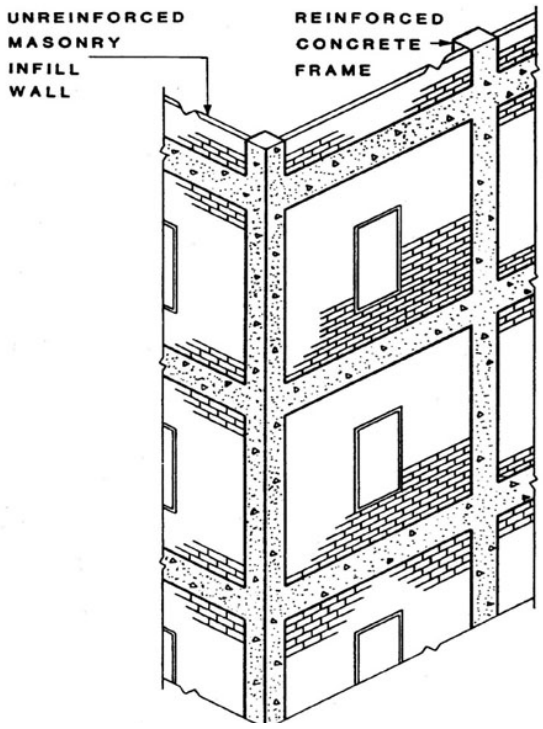


Figure E-33 Concrete frame with URM infill.

Figure E-34 Blow-up (lower photo) of distant view of C3 building (upper photo) showing concrete frame with URM infill (left wall), and face brick (right wall).

stone veneer. The infill material can be URM or a thin concrete infill.

E.9.2 Typical Earthquake Damage

The hazards of these buildings, which in the western United States are often older, are similar to and perhaps more severe than those of the newer concrete frames. Where URM infill is present, a falling hazard exists. The failure mechanisms of URM infill in a concrete frame are generally the same as URM infill in a steel frame.

E.9.3 Common Rehabilitation Techniques

Rehabilitation of unreinforced masonry infill in a concrete frame is identical to that of the URM infill in a steel frame. See Section E.6.3. Anchorage of the wall panels for out-of-plane forces is the key component, followed by providing sufficient shear strength in the building.

E.10 Tilt-up Structures (PC1)

E.10.1 Characteristics

In traditional tilt-up buildings (Figures E-35 through E-37), concrete wall panels are cast on the ground

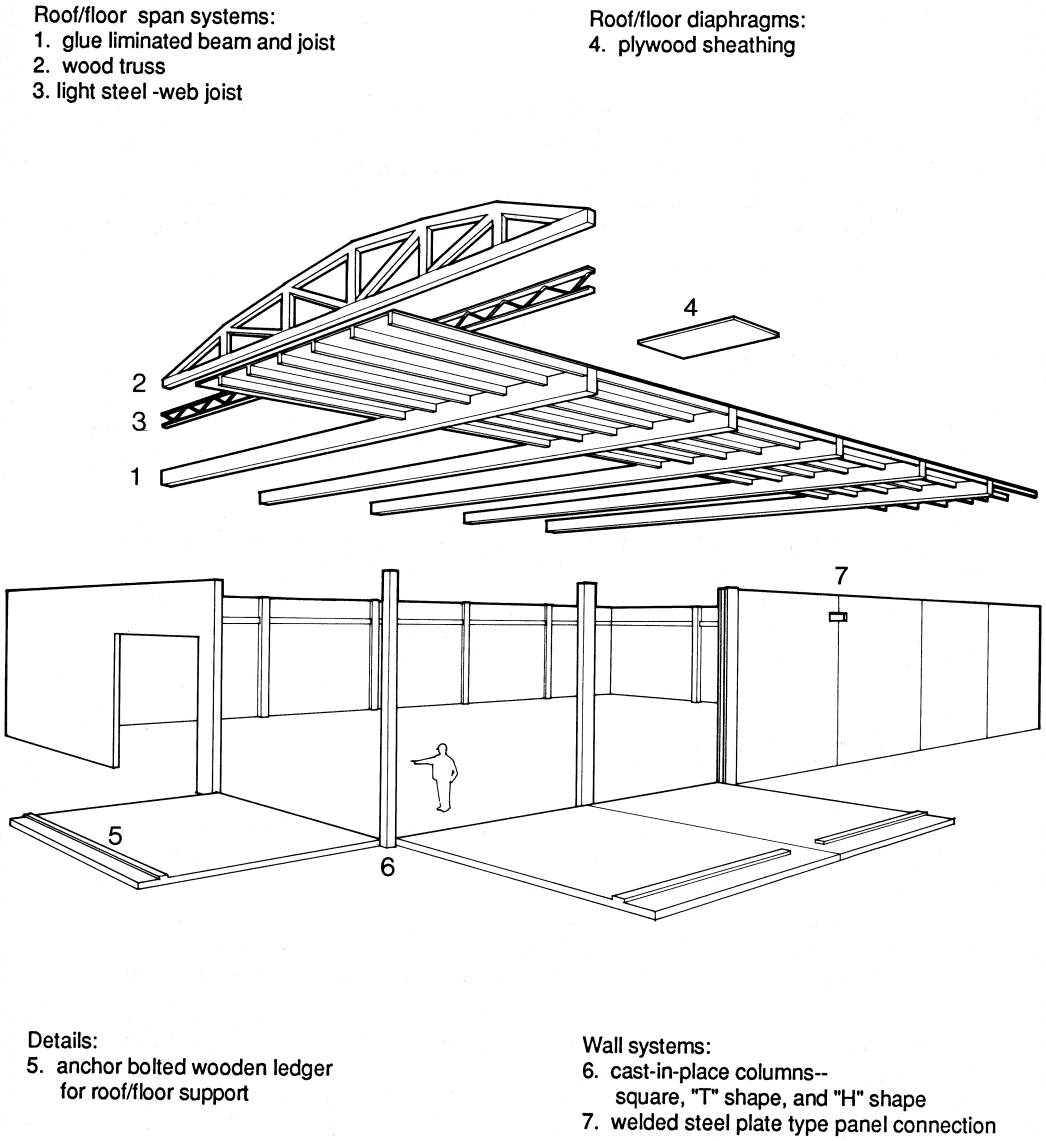


Figure E-35 Drawing of tilt-up construction typical of the western United States. Tilt-up construction in the eastern United States may incorporate a steel frame.

Figure E-36 Tilt-up industrial building, 1970s.

Figure E-37 Tilt-up industrial building, mid- to late 1980s.

and then tilted upward into their final positions. More recently, wall panels are fabricated off-site and trucked to the site.

Tilt-up buildings are an inexpensive form of light industrial and commercial construction and have become increasingly popular in the western and central United States since the 1940s. They are typically one and sometimes two stories high and basically have a simple rectangular plan. The walls are the lateral-force-resisting system. The roof can be a plywood diaphragm carried on wood purlins and glue-laminated (glulam) wood beams or a light steel deck and joist system, supported in the interior of the building on steel pipe columns. The wall panels are attached to concrete cast-in-place pilasters or to steel columns, or the joint is simply closed with a later concrete pour. These joints are typically spaced about 20 feet apart.

The major defect in existing tilt-ups is a lack of positive anchorage between wall and diaphragm, which has been corrected since about 1973 in the western United States.

In the western United States, it can be assumed that all one-story concrete industrial warehouses with flat roofs built after 1950 are tilt-ups unless supplementary information indicates otherwise.

E.10.2 Typical Earthquake Damage

Before 1973 in the western United States, many tilt-up buildings did not have sufficiently strong connections or anchors between the walls and the roof and floor diaphragms. The anchorage typically was nothing more than the nailing of the plywood roof sheathing to the wood ledgers supporting the framing.

During an earthquake, the weak anchorage broke the ledgers, resulting in the panels falling and the supported framing to collapse. When mechanical anchors were used they pulled out of the walls or split the wood members to which they were attached, causing the floors or roofs to collapse. See Figures E-38 and E-39. The connections between the concrete panels are also vulnerable to failure. Without these connections, the building loses much of its lateral-force-resisting capacity. For these reasons, many tilt-up buildings were damaged in the 1971 San

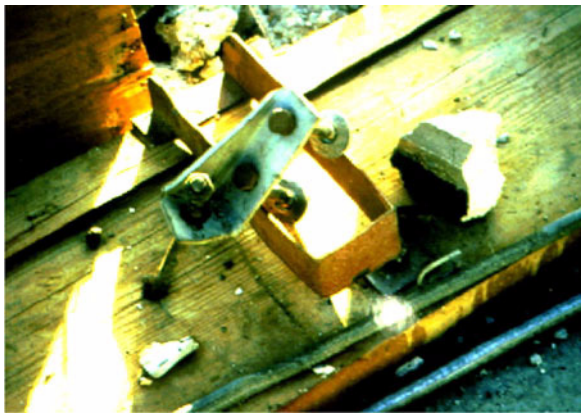


Figure E-38 Tilt-up construction anchorage failure.

Figure E-39 Result of failure of the roof beam anchorage to the wall in tilt-up building.

Fernando, California, earthquake. Since 1973, tilt-up construction practices have changed in California and other high-seismicity regions, requiring positive wall-diaphragm connection. (Such requirements may not have yet been made in other regions of the country.) However, a large number of these older, pre-1970s-vintage tilt-up buildings still exist and have not been rehabilitated to correct this wall-anchor defect. Damage to these buildings was observed again in the 1987 Whittier, California, earthquake, 1989 Loma Prieta, California earthquake, and the 1994 Northridge, California, earthquake. These buildings are a prime source of seismic hazard.

In areas of low or moderate seismicity, inadequate wall anchor details continue to be used. Severe ground shaking in such an area may produce major damage in tilt-up buildings.

E.10.3 Common Rehabilitation Techniques

The rehabilitation of tilt-up buildings is relatively easy and inexpensive. The most common form of rehabilitation is to provide a positive anchorage connection at the roof and wall intersection. This is usually done by using pre-fabricated metal hardware attached to the framing member and to a bolt that is installed through the wall. On the outside of the wall a large washer plate is used. See Figure E-40 for examples of new anchors.

Accompanying the anchorage rehabilitation is the addition of ties across the building to develop the anchorage forces from the wall panels fully into the diaphragm. This is accomplished by interconnecting framing members from one side of the building to the other, and then increasing the connections of the diaphragm (usually wood) to develop the additional forces.

Figure E-40 Newly installed anchorage of roof beam to wall in tilt-up building.

E.11 Precast Concrete Frame (PC2)

E.11.1 Characteristics

Precast concrete frame construction, first developed in the 1930s, was not widely used until the 1960s. The precast frame (Figure E-41) is essentially a post and beam system in concrete where columns, beams and slabs are prefabricated and assembled on site. Various types of members are used. Vertical-load-carrying elements may be Ts, cross shapes, or arches and are often more than one story in height. Beams are often Ts and double Ts, or rectangular sections. Prestressing of the members, including pretensioning and post-tensioning, is often employed. The identification of this structure type cannot rely solely on construction date, although most precast concrete frame structures were constructed after 1960. Some typical characteristics are the following.

1. Precast concrete, in general, is of a higher quality and precision compared to cast-in-place concrete. It is also available in a greater range of textures and finishes. Many newer concrete and steel buildings have precast concrete panels and column covers as an exterior finish (See Figure E-42). Thus, the presence of precast concrete does not necessarily mean that it is a precast concrete frame.
2. Precast concrete frames are, in essence, post and beam construction in concrete. Therefore, when a concrete structure displays the features of a post-and-beam system, it is most likely that it is a precast concrete frame. It is usually not economical for a conventional cast-in-place concrete frame to look like a post-and-beam system. Features of a precast concrete post-and-beam system include:

a. exposed ends of beams and girders that project beyond their supports or project away from the building surface,

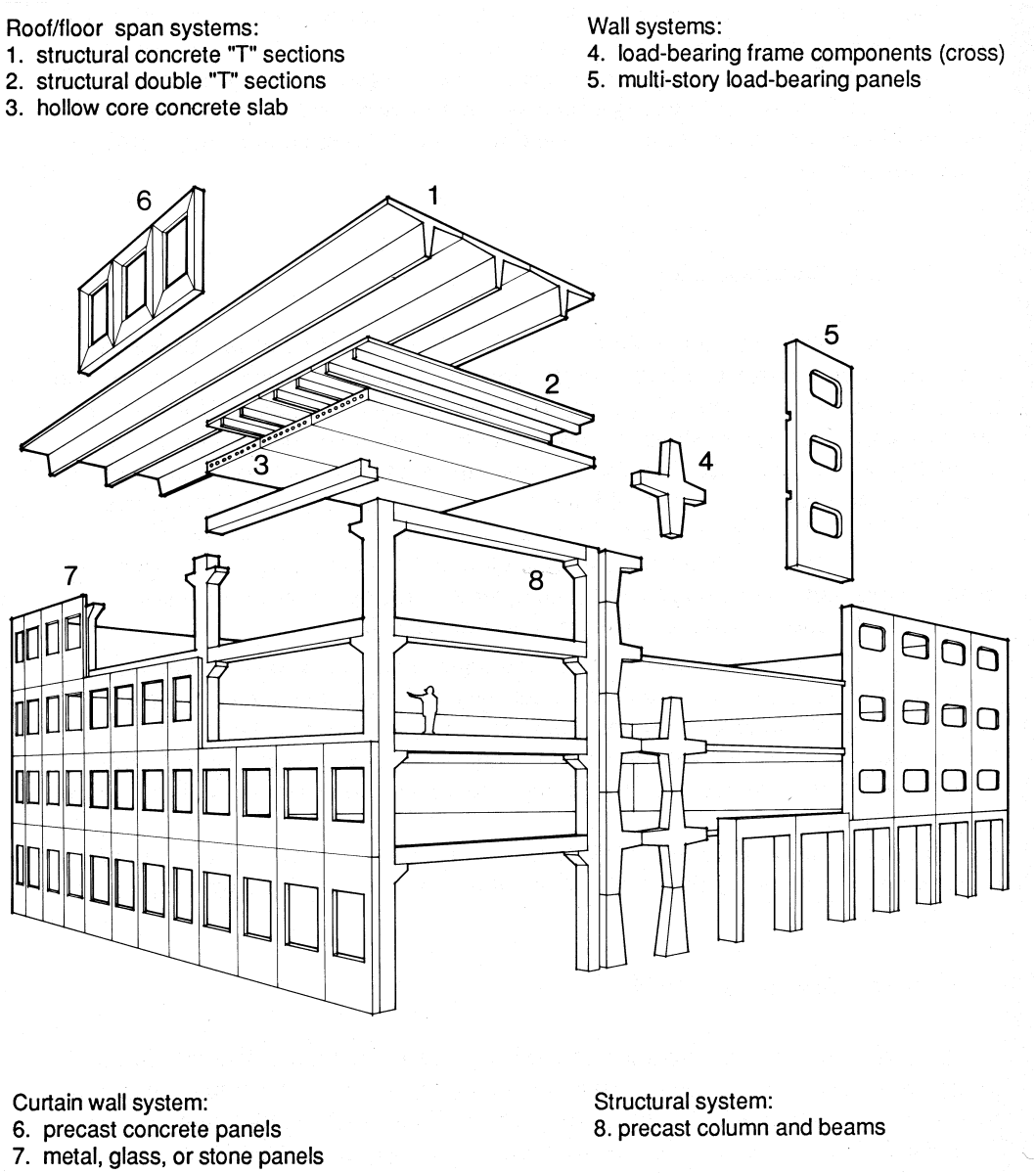


Figure E-41 Drawing of precast concrete frame building.

b. the absence of small joists, and

c. beams sitting on top of girders rather than meeting at a monolithic joint (see Figure E-43)

The presence of precast structural components is usually a good indication of this system, although these components are also used in mixed construction. Precast structural components come in a variety of shapes and sizes. The most common types are sometimes difficult to detect from the street. Less common but more obvious examples include the following.

a. Ts or double Ts—These are deep beams with thin webs and flanges and with large span capacities. (Figure E-44 shows one end of a double-T beam as it is lowered onto its seat.)

b. Cross or T-shaped units of partial columns and beams — These are structural units for constructing moment-resisting frames. They are usually joined together by field welding of steel connectors cast into the concrete. Joints should be clearly visible at the mid-span of the beams or the mid-height of the columns. See Figure E-45.

c. Precast arches—Precast arches and pedestals are popular in the architecture of these buildings.

d. Column—When a column displays a precast finish without an indication that it has a cover (i.e.,

Figure E-42 Typical precast column cover on a steel or concrete moment frame.

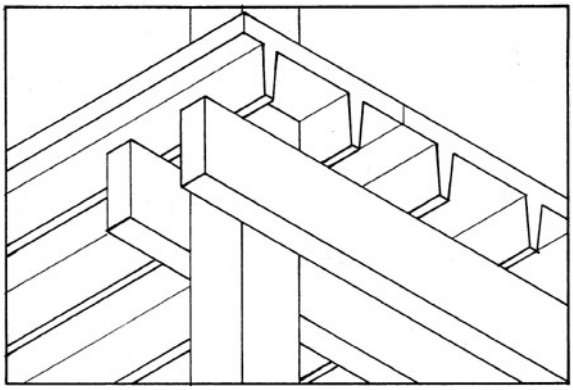


Figure E-43 Exposed precast double-T sections and overlapping beams are indicative of precast frames.

Figure E-44 Example of precast double-T section during installation.

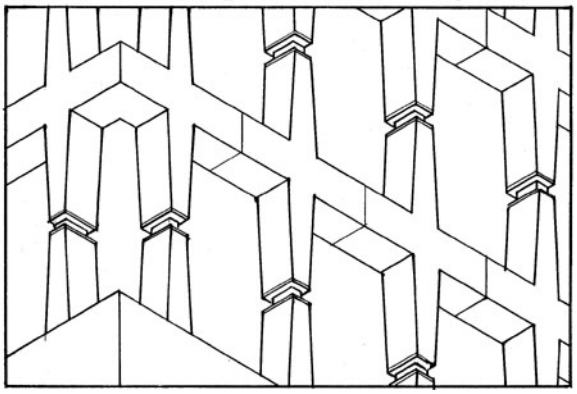


Figure E-45 Precast structural cross; installation joints are at sections where bending is minimum during high seismic demand.

no vertical seam can be found), the column is likely to be a precast structural column.

It is possible that a precast concrete frame may not show any of the above features, however.

E.11.2 Typical Earthquake Damage

The earthquake performance of this structural type varies widely and is sometimes poor. This type of building can perform well if the detailing used to connect the structural elements have sufficient strength and ductility (toughness). Because structures of this type often employ cast-in-place concrete or reinforced masonry (brick or block) shear walls for lateral-load resistance, they experience the same types of damage as other shear-wall building types. Some of the problem areas specific to precast frames are listed below.

1. Poorly designed connections between prefabricated elements can fail.
2. Accumulated stresses can result due to shrinkage and creep and due to stresses incurred in transportation.
3. Loss of vertical support can occur due to inadequate bearing area and insufficient connection between floor elements and columns.
4. Corrosion of the metal connectors between prefabricated elements can occur.

E.11.3 Common Rehabilitation Techniques

Seismic rehabilitation techniques for precast concrete frame buildings are varied, depending on the elements being strengthened. Inadequate shear capacity of floor diaphragms can be addressed by adding reinforced concrete topping to an untopped system when

possible, or adding new shear walls to reduce the seismic shear forces in the diaphragm. Corbels with inadequate vertical shear or bending strength can be strengthened by adding epoxied horizontal shear dowels through the corbel and into the column. Alternatively, vertical shear capacity can be increased by adding a structural steel bolster under the corbel, bolted to the column, or a new steel column or reinforced concrete column can be added (ATC, 1992).

E.12 Reinforced Masonry (RM1 and RM2)

E.12.1 Characteristics

Reinforced masonry buildings are mostly low-rise structures with perimeter bearing walls, often with wood diaphragms (RM1 buildings) although precast concrete is sometimes used (RM2 buildings). Floor and roof assemblies usually consist of timber joists and beams, glued-laminated beams, or light steel joists. The bearing walls consist of grouted and reinforced hollow or solid masonry units. Interior supports, if any, are often wood or steel columns, wood stud frames, or masonry walls. Occupancy varies from small commercial buildings to residential and industrial buildings. Generally, they are less than five stories in height although many taller masonry buildings exist. Reinforced masonry structures are usually basically rectangular structures (See Figure E-46).

Figure E-46 Modern reinforced brick masonry.

To identify reinforced masonry, one must determine separately if the building is masonry and if it is reinforced. To obtain information on how to recognize a masonry structure, see Appendix D, which describes the characteristics of construction materials. The best way of assessing the reinforcement condition is to compare the date of construction with the date of code requirement for the reinforcement of masonry in the local jurisdiction.

The screener also needs to determine if the building is veneered with masonry or is a masonry building. Wood siding is seldom applied over masonry. If the front facade appears to be reinforced masonry whereas the side has wood siding, it is probably a wood frame that has undergone facade renovation. The back of the building should be checked for signs of the original construction type.

If it can be determined that the bearing walls are constructed of concrete blocks, they may be reinforced. Load-bearing structures using these blocks are probably reinforced if the local code required it. Concrete blocks come in a variety of sizes and textures. The most common size is 8 inches wide by 16 inches long by 8 inches high. Their presence is obvious if the concrete blocks are left as the finish surface.

E.12.2 Typical Earthquake Damage

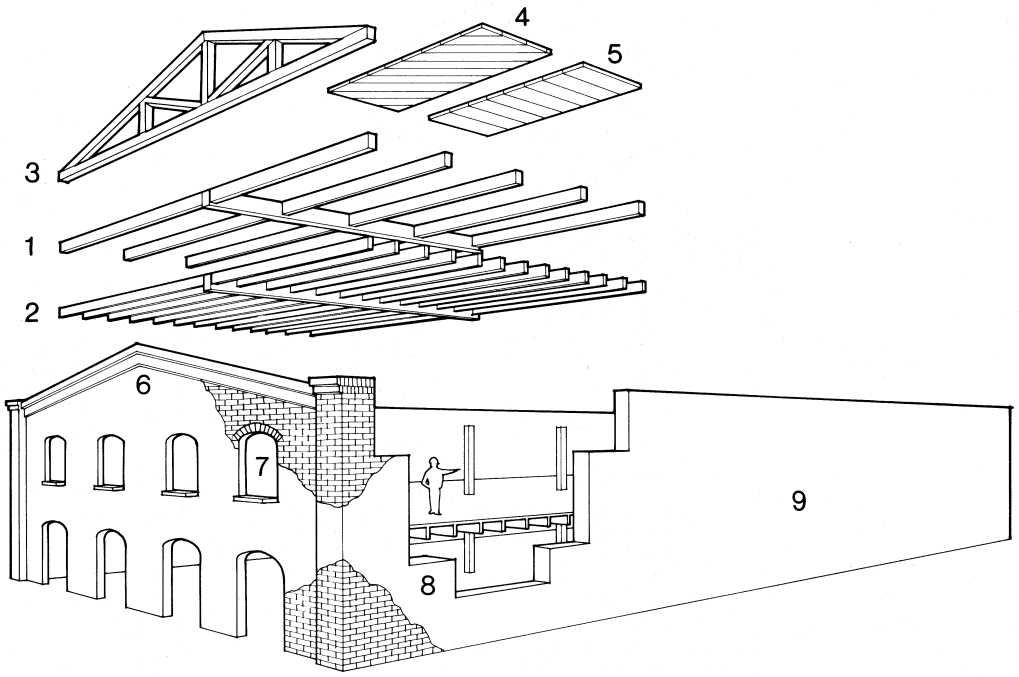
Reinforced masonry buildings can perform well in moderate earthquakes if they are adequately reinforced and grouted, and if sufficient diaphragm anchorage exists. A major problem is control of the workmanship during construction. Poor construction practice can result in ungrouted and unreinforced walls. Even where construction practice is adequate, insufficient reinforcement in the design can be responsible for heavy damage of the walls. The lack of positive connection of the floor and roof diaphragms to the wall is also a problem.

E.12.3 Common Rehabilitation Techniques

Techniques for seismic rehabilitation of reinforced masonry bearing wall buildings are varied, depending on the element being rehabilitated. Techniques for rehabilitating masonry walls include: (1) applying a layer of concrete or shotcrete to the existing walls; (2) adding vertical reinforcing and grouting into ungrouted block walls; and (3) filling in large or critical openings with reinforced concrete or masonry dowelled to the surrounding wall. Wood or steel deck diaphragms in RM1 buildings can be rehabilitated by adding an additional layer of plywood to strengthen and stiffen an existing wood diaphragm, by shear welding between sections of an existing steel deck or adding flat sheet steel reinforcement, or by adding additional vertical elements (for example, shear walls or braced frames) to decrease diaphragm spans and stresses. Precast floor diaphragms in RM2 buildings can be strengthen by adding a layer of concrete topping reinforced with mesh (if the supporting structure has the capacity to carry the additional vertical dead load), or by adding new shear walls to reduce the diaphragm span (ATC, 1992).

Roof/floor span systems:
1. wood post and beam (heavy timber)
2. wood post, beam, and joist (mill construction)
3. wood truss-- pitch and curve

Roof/floor diaphragms:
4. diagonal sheathing
5. straight sheathing



Details:
6. typical unbraced parapet and cornice
7. flat arch window openings

Wall systems:
8. bearing wall-- four or more wythes of brick
9. typical long solid party wall

Figure E-47 Drawing of unreinforced masonry bearing-wall building, 2-story.

E.13 Unreinforced Masonry (URM)

E.13.1 Characteristics

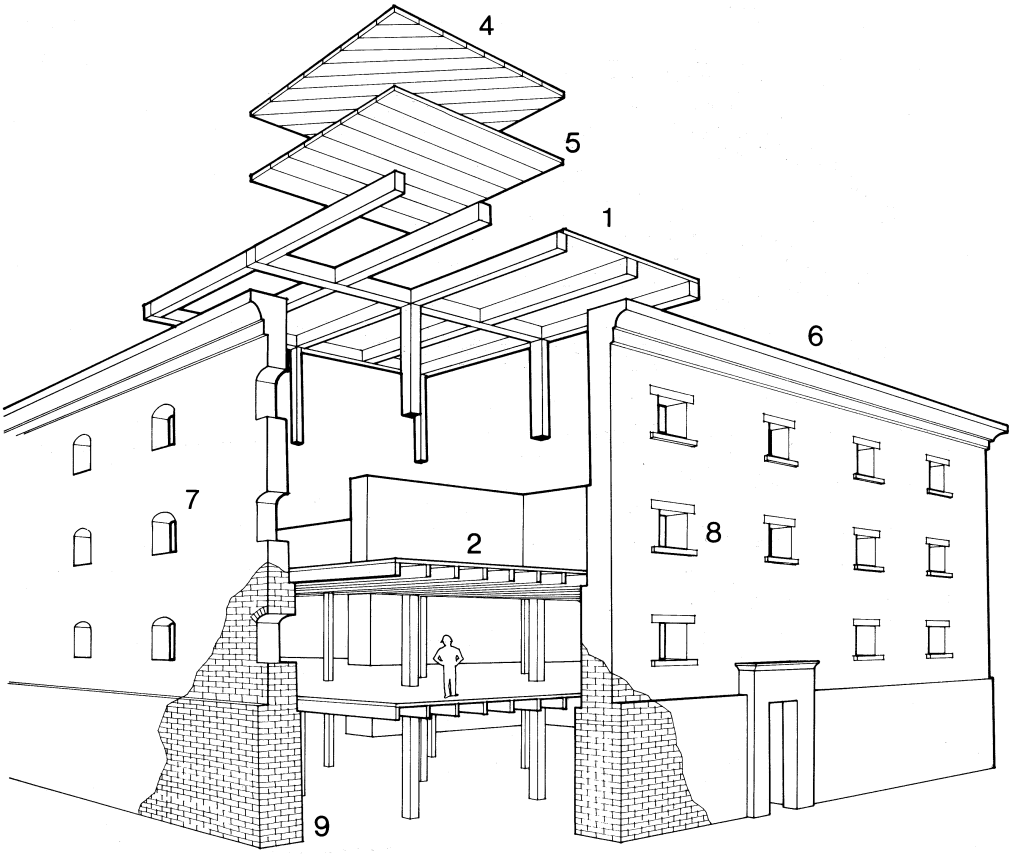
Most unreinforced masonry (URM) bearing-wall structures in the western United States (Figures E-47 through E-51) were built before 1934, although this construction type was permitted in some jurisdictions having moderate or high seismicity until the late 1940s or early 1950s (in some jurisdictions URM may still be a common type of construction, even today). These buildings usually range from one to six stories in height and function as commercial, residential, or industrial buildings. The construction varies according to the type of use, although wood floor and roof diaphragms are common. Smaller commercial and residential buildings usually have light wood floor joists and roof joists supported on the typical perimeter URM wall and interior, wood, load-bearing partitions. Larger buildings, such as industrial warehouses, have heavier floors and interior columns, usually of wood. The bearing walls of these industrial buildings tend to be thick, often as much as 24 inches or more at the base. Wall thickness of residential, commercial, and office buildings range from 9 inches at upper floors to 18 inches a lower floors.

The first step in identifying buildings of this type is to determine if the structure has bearing walls. Second, the screener should determine the approximate age of the building. Some indications of unreinforced masonry are listed below.

1. Weak mortar was used to bond the masonry units together in much of the early unreinforced

Roof/floor span systems:
1. wood post and beam (heavy timber)
2. wood post, beam, and joist (mill construction)
3. wood truss-- pitch and curve

Roof/floor diaphragms:
4. diagonal sheathing
5. straight sheathing



Details:
6. typical unbraced parapet and cornice
7. flat arch window openings
8. small window penetrations (if bldg is originally a warehouse)

Wall systems:
9. bearing wall-- four to eight wythes of brick

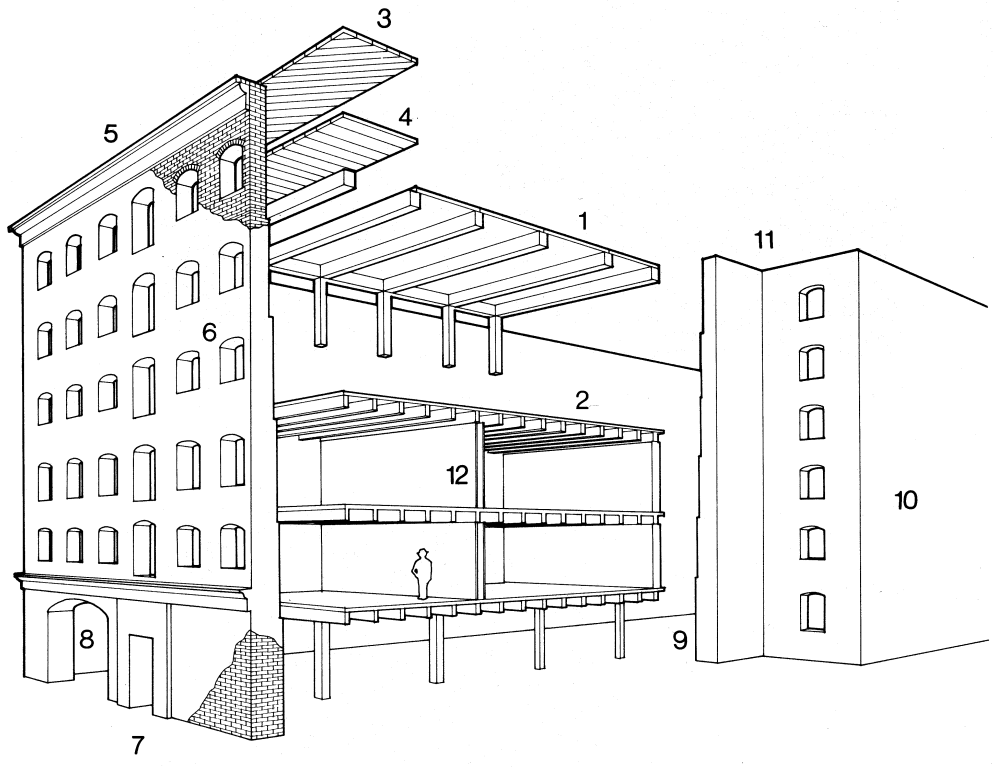
Figure E-48 Drawing of unreinforced masonry bearing-wall building, 4-story.

masonry construction in the United States. As the poor earthquake performance of this mortar type became known in the 1930s, and as cement mortar became available, this weaker mortar was not used and thus is not found in more recent masonry buildings. If this soft mortar is present, it is probably URM. Soft mortar can be scratched with a hard instrument such as a penknife, screwdriver, or a coin. This scratch testing, if permitted, should be done in a wall area where the original structural material is exposed, such as the sides or back of a building. Newer masonry may be used in renovations and it may look very much like the old. Older mortar joints can also be repointed (i.e., regular maintenance of the masonry mortar), or repaired with newer mortar during renovation. The original construction may also have used a high-quality mortar. Thus, even if the existence of soft mortar cannot be detected, it may still be URM.

2. An architectural characteristic of older brick bearing-wall structures is the arch and flat arch

Roof/floor span systems:
1. wood post and beam (heavy timber)
2. wood post, beam, and joist (mill construction)

Roof/floor diaphragms:
3. diagonal sheathing
4. straight sheathing



Details:
5. typical unbraced parapet and cornice
6. flat arch window openings
7. typical penetrated facade of residential buildings
8. large openings of ground floor shops

Wall systems:
9. bearing wall-- four to eight wythes of brick
10. typical long solid party wall
11. light/ventilation wells in residential bldg
12. non-structural wood stud partition walls

Figure E-49 Drawing of unreinforced masonry bearing-wall building, 6-story.

Figure E-50 East coast URM bearing-wall building.

Figure E-51 West coast URM bearing-wall building.

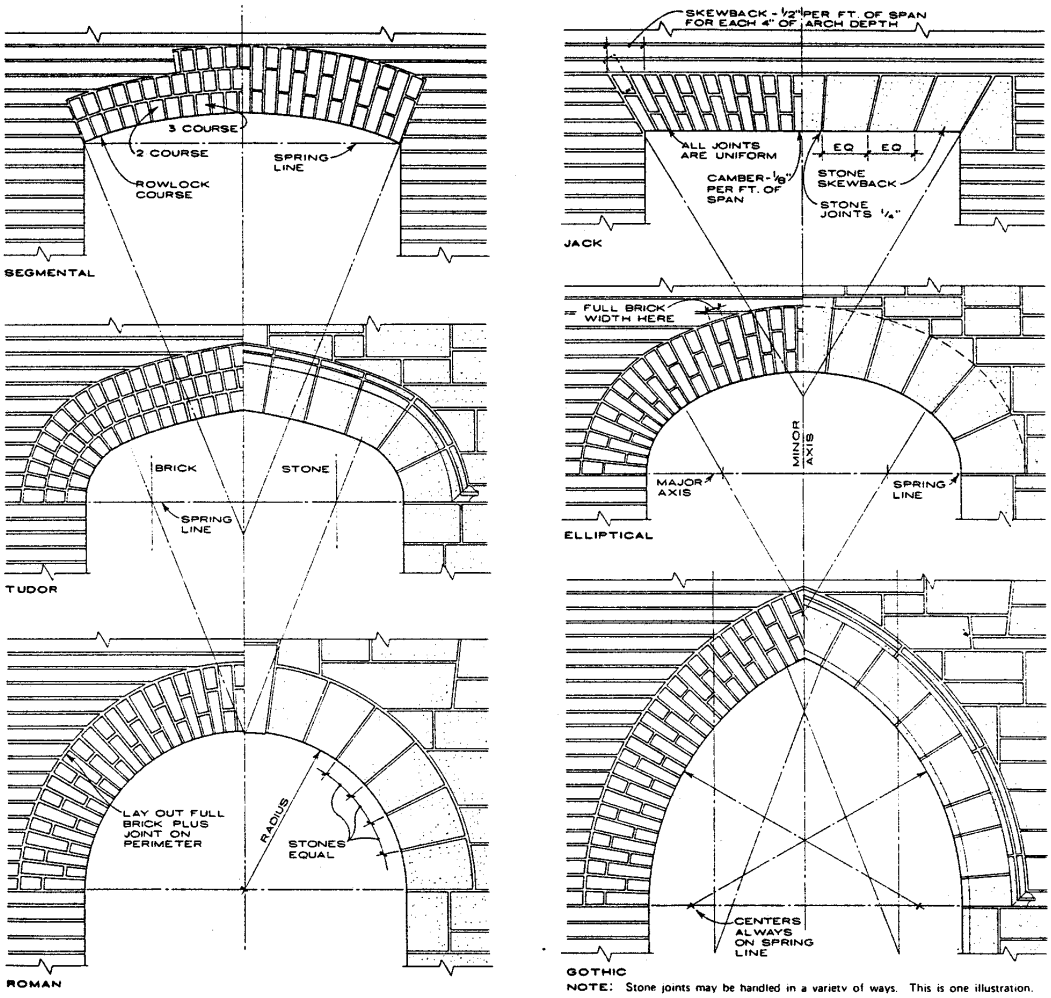


Figure E-52 Drawings of typical window head features in URM bearing-wall buildings.

window heads (see Figure E-52). These arrangements of masonry units function as a header to carry the load above the opening to either side. Although masonry-veneered wood-frame structures may have these features, they are much more widely used in URM bearing-wall structures, as they were the most economical method of spanning over a window opening at the time of construction. Other methods of spanning are also used, including steel and stone lintels, but these methods are generally more costly and usually employed in the front facade only.

3. Some structures of this type will have anchor plates visible at the floor and roof lines, approximately 6-10 feet on center around the perimeter of the building. Anchor plates are usually square or diamond-shaped steel plates approximately 6 inches by 6 inches, with a bolt and nut at the center. Their presence indicates anchor ties have been placed to tie the walls to the floors and roof. These are either from the original construction or from rehabilitation under local ordinances. Unless the anchors are 6 feet on center or less, they are not considered effective in earthquakes. If they are closely spaced, and appear to be recently installed, it indicates that the building has been rehabilitated. In either case, when these anchors are present all around the building, the original construction is URM bearing wall.

4. When a building has many exterior solid walls constructed from hollow clay tile, and no columns of another material can be detected, it is probably not a URM bearing wall but probably a wood or metal frame structure with URM infill.

5. One way to distinguish a reinforced masonry building from an unreinforced masonry building is to examine the brick pattern closely. Reinforced masonry usually does not show header bricks in the wall surface.

If a building does not display the above features, or if the exterior is covered by other finish material, the building may still be URM.

E.13.2 Typical Earthquake Damage

Unreinforced masonry structures are recognized as the most hazardous structural type. They have been observed to fail in many modes during past earthquakes. Typical problems include the following.

1. Insufficient Anchorage—Because the walls, parapets, and cornices are not positively anchored to the floors, they tend to fall out. The collapse of bearing walls can lead to major building collapses. Some of these buildings have anchors as a part of the original construction or as a rehabilitation. These older anchors exhibit questionable performance. (See Figure E-53 for parapet damage.)

Figure E-53 Parapet failure leaving an uneven roof line, due to inadequate anchorage, 1989 Loma Prieta earthquake.

2. Excessive Diaphragm Deflection—Because most of the floor diaphragms are constructed of finished wood flooring placed over ¾"-thick wood sheathing, they tend to be stiff compared with other types of wood diaphragms. This stiffness results in rotations about a vertical axis, accompanying translations in the direction of the open front walls of buildings, due to a lack of in-plane stiffness in these open fronts. Because there is little resistance in the masonry walls for out-of-plane loading, the walls allow large diaphragm displacements and cause the failure of the walls out of their plane. Large drifts occurring at the roof line can cause a masonry wall to overturn and collapse under its own weight.
3. Low Shear Resistance—The mortar used in these older buildings was often made of lime and sand, with little or no cement, and had very little shear strength. The bearing walls will be heavily damaged and collapse under large loads. (See Figure E-54)

Figure E-54 Damaged URM building, 1992 Big Bear earthquake.

4. Slender Walls —Some of these buildings have tall story heights and thin walls. This condition, especially in non-load-bearing walls, will result in buckling out-of-plane under severe lateral load. Failure of a non-load-bearing wall represents a falling hazard, whereas the collapse of a load-bearing wall will lead to partial or total collapse of the structure.

E.13.3 Common Rehabilitation Techniques

Over the last 10 years or more, jurisdictions in California have required that unreinforced masonry bearing-wall buildings be rehabilitated or demolished. To minimize the economical impact on owners of having to rehabilitate their buildings, many jurisdictions implemented phased programs such that the critical items were dealt with first. The following are the key elements included in a typical rehabilitation program.

1. Roof and floor diaphragms are connected to the walls for both anchorage forces (out of the plane of the wall) and shear forces (in the plane of the

wall). Anchorage connections are placed at 6 feet spacing or less, depending on the force requirements. Shear connections are usually placed at around 2 feet center to center. Anchors consist of bolts installed through the wall, with 6-inch-square washer plates, and connected to hardware attached to the wood framing. Shear connections usually are bolts embedded in the masonry walls in oversized holes filled with either a non-shrink grout or an epoxy adhesive. See Figure E-55.

2. In cases when the height to thickness ratio of the walls exceeds the limits of stability, rehabilitation consists of reducing the spans of the wall to a level that their thickness can support. Parapet rehabilitation consists of reducing the parapet to what is required for fire safety and then bracing from the top to the roof.
3. If the building has an open storefront in the first story, resulting in a soft story, part of the storefront is enclosed with new masonry or a steel frame is provided there, with new foundations.
4. Walls are rehabilitated by either closing openings with reinforced masonry or with reinforced gunite.

Figure E-55 Upper: Two existing anchors above three new wall anchors at floor line using decorative washer plates. Lower: Rehabilitation techniques include closely spaced anchors at floor and roof levels.

Appendix F

Earthquakes and How Buildings Resist Them

F.1 The Nature of Earthquakes

In a global sense, earthquakes result from motion between plates comprising the earth's crust (see Figure F-1). These plates are driven by the convective motion of the material in the earth's mantle between the core and the crust, which in turn is driven by heat generated at the earth's core. Just as in a heated pot of water, heat from the earth's core causes material to rise to the earth's surface. Forces between the rising material and the earth's crustal plates cause the plates to move. The resulting relative motions of the plates are associated with the generation of earthquakes. Where the plates spread apart, molten material fills the void. An example is the ridge on the ocean floor, at the middle of the Atlantic Ocean. This material quickly cools and, over millions of years, is driven by newer, viscous, fluid material across the ocean floor.

These large pieces of the earth's surface, termed tectonic plates, move very slowly and irregularly. Forces build up for decades, centuries, or millennia at the interfaces (or faults) between plates, until a large releasing movement suddenly occurs. This sudden, violent motion produces the nearby shaking that is felt as an earthquake. Strong shaking produces strong horizontal forces on structures, which can cause direct damage to buildings, bridges, and other man-made structures as well as triggering fires, landslides, road damage, tidal waves (tsunamis) and other damaging phenomena.

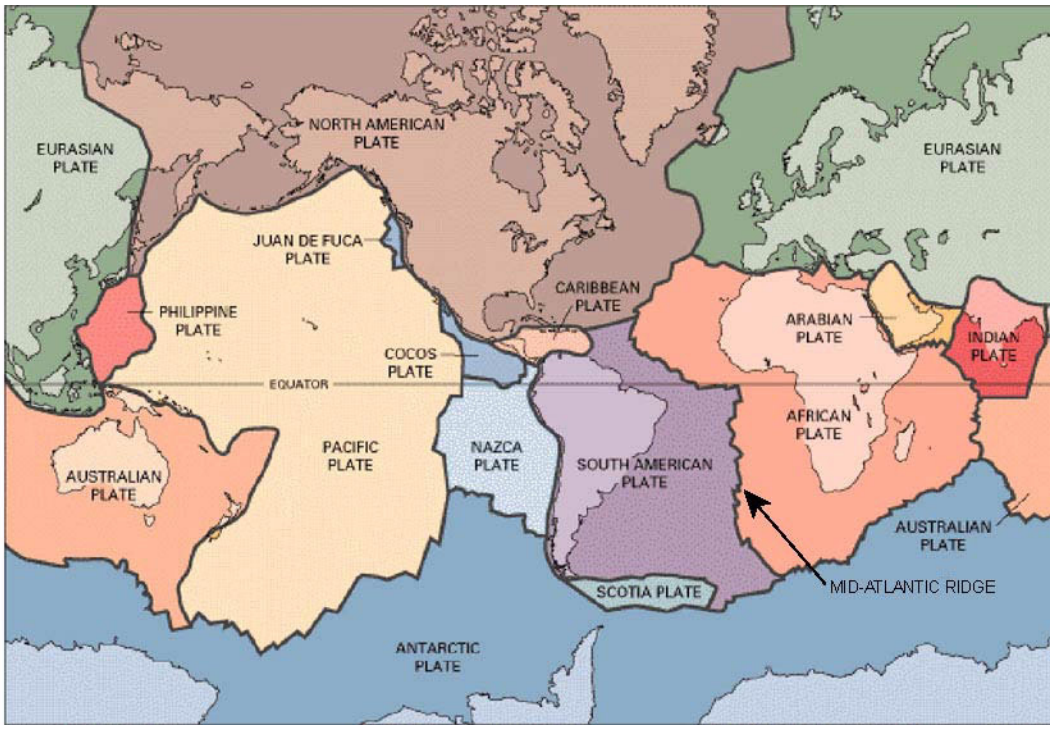


Figure F-1 The separate tectonic plates comprising the earth's crust superimposed on a map of the world.

A fault is like a "tear" in the earth's crust and its fault surface may be from one to over one hundred miles deep. In some cases, faults are the physical expression of the boundary between adjacent tectonic plates and thus are hundreds of miles long. In addition, there are shorter faults, parallel to, or branching out from, a main fault zone. Generally, the longer a fault, the larger magnitude earthquake it can generate. Beyond the main tectonic plates, there are many smaller sub-plates, "platelets" and simple blocks of crust which can move or shift due to the "jostling" of their neighbors and the major plates. The known existence of these many sub-plates implies that smaller but still damaging earthquakes are possible almost anywhere.

With the present understanding of the earthquake generating mechanism, the times, sizes and locations of earthquakes cannot be reliably predicted. Generally, earthquakes will be concentrated in the vicinity of faults, and certain faults are more likely than others to produce a large event, but the earthquake generating process is not understood well enough to predict the exact time of earthquake occurrence. Therefore, communities must be prepared for an earthquake to occur at any time.

Four major factors can affect the severity of ground shaking and thus potential damage at a site. These are the magnitude of the earthquake, the type of earthquake, the distance from the source of the earthquake to the site, and the hardness or softness of the rock or soil at the site. Larger earthquakes will shake longer and harder, and thus cause more damage. Experience has shown that the ground motion can be felt for several seconds to a minute or longer. In preparing for earthquakes, both horizontal (side to side) and vertical shaking must be considered.

There are many ways to describe the size and severity of an earthquake and associated ground shaking. Perhaps the most familiar are earthquake magnitude and Modified Mercalli Intensity (MMI, often simply termed "intensity"). Earthquake magnitude is technically known as the Richter magnitude, a numerical description of the maximum amplitude of ground movement measured by a seismograph (adjusted to a standard setting). On the Richter scale, the largest recorded earthquakes have had magnitudes of about 8.5. It is a logarithmic scale, and a unit increase in magnitude corresponds to a ten-fold increase in the adjusted ground displacement amplitude, and to approximately a thirty-fold increase in total potential strain energy released by the earthquake.

Modified Mercalli Intensity (MMI) is a subjective scale defining the level of shaking at specific sites on a scale of I to XII. (MMI is expressed in Roman numerals, to connote its approximate nature.) For example, slight shaking that causes few instances of fallen plaster or cracks in chimneys constitutes MMI VI. It is difficult to find a reliable precise relationship between magnitude, which is a description of the earthquake's total energy level, and intensity, which is a subjective description of the level of shaking of the earthquake at specific sites, because shaking intensity can vary with earthquake magnitude, soil type, and distance from the event.

The following analogy may be worth remembering: earthquake magnitude and intensity are similar to a light bulb and the light it emits. A particular light bulb has only one energy level, or wattage (e.g., 100 watts, analogous to an earthquake's magnitude). Near the light bulb, the light intensity is very bright (perhaps 100 foot-candles, analogous to MMI IX), while farther away the intensity decreases (e.g., 10 foot-candles, MMI V). A particular earthquake has only one magnitude value, whereas it has intensity values that differ throughout the surrounding land.

MMI is a subjective measure of seismic intensity at a site, and cannot be measured using a scientific instrument. Rather, MMI is estimated by scientists and engineers based on observations, such as the degree of disturbance to the ground, the degree of damage to typical buildings and the behavior of people. A more objective measure of seismic shaking at a site, which can be measured by instruments, is a simple structure's acceleration in response to the ground motion. In this *Handbook*, the level of ground shaking is described by the spectral response acceleration.

F.2 Seismicity of the United States

Maps showing the locations of earthquake epicenters over a specified time period are often used to characterize the seismicity of given regions. Figures F-2, F-3, and F-4 show the locations of earthquake epicenters[4] in the conterminous United States, Alaska, and Hawaii, respectively, recorded during the time period, 1977-1997. It is evident from Figures F-2 through F-4 that some parts of the country have experienced more earthquakes than others. The boundary between the North American and Pacific tectonic plates lies along the west coast of the United States and south of Alaska. The San Andreas fault in California and the Aleutian Trench off the coast of Alaska are part of this boundary. These active seismic zones have generated earthquakes with Richter

[4] An epicenter is defined as the point on the earth's surface beneath which the rupture process for a given earthquake commenced.

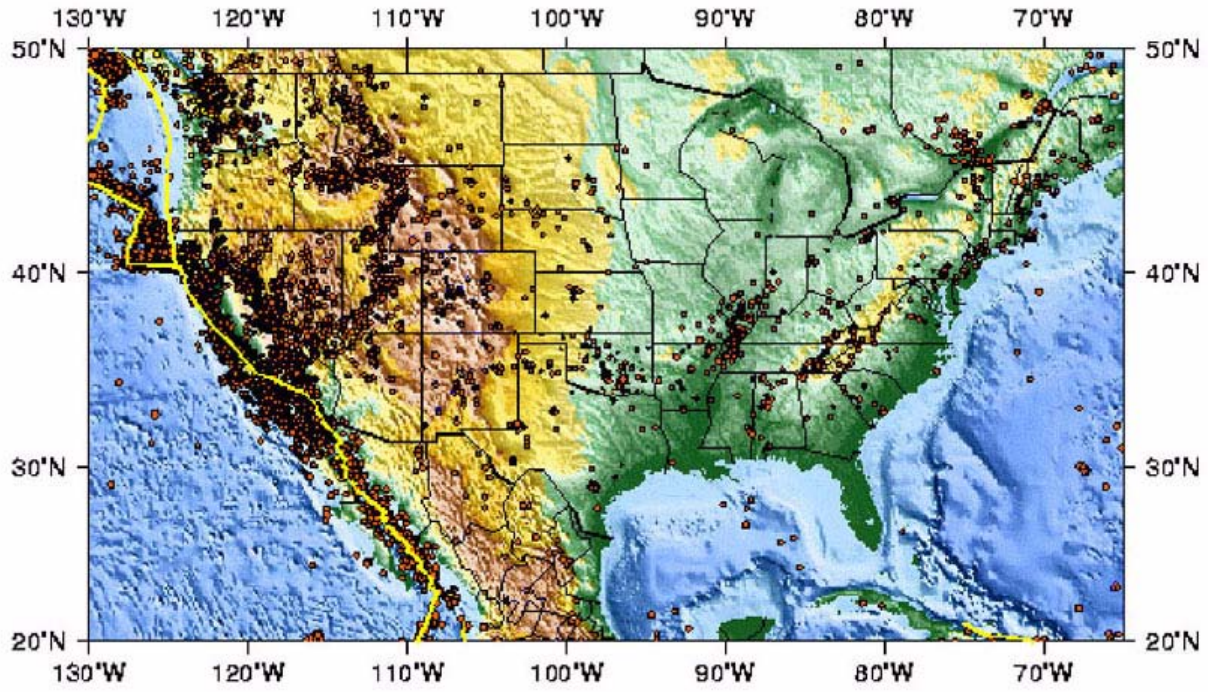


Figure F-2 Seismicity of the conterminous United States 1977 – 1997 (from the website at http://neic.usgs.gov/neis/general/seismicity/us.html). This reproduction shows earthquake locations without regard to magnitude or depth. The San Andreas fault and other plate boundaries are indicated with white lines.

magnitudes greater than 8. There are many other smaller fault zones throughout the western United States that are also participating intermittently in releasing the stresses and strains that are built up as the tectonic plates try to move past one another. Because earthquakes always occur along faults, the seismic hazard will be greater for those population centers close to active fault zones.

In California the earthquake hazard is so significant that special study zones have been created by the legislature, and named Alquist-Priola Special Study Zones. These zones cover the larger known faults and require special geotechnical studies to be performed in order to establish design parameters.

On the east coast of the United States, the sources of earthquakes are less understood. There is no plate boundary and few locations of faults are known. Therefore, it is difficult to make statements about where earthquakes are most likely to occur. Several significant historical earthquakes have occurred, such as in Charleston, South Carolina, in 1886 and New Madrid, Missouri, in 1811 and 1812, indicating that there is potential for large earthquakes. However, most earthquakes in the eastern United States are smaller magnitude events. Because of regional geologic differences, specifically, the hardness of the crustal rock, eastern and central U.S. earthquakes are felt at much greater distances from their sources than those in the western United States, sometimes at distances up to a thousand miles.

F.3 Earthquake Effects

Many different types of damage can occur in buildings. Damage can be divided into two categories: structural and nonstructural, both of which can be hazardous to building occupants. Structural damage means degradation of the building's structural support systems (i.e., vertical- and lateral-force-resisting systems), such as the building frames and walls. Nonstructural damage refers to any damage that does not affect the integrity of the structural support systems. Examples of nonstructural damage are chimneys collapsing, windows breaking, or ceilings falling. The type of damage to be expected is a complex issue that depends on the structural type and age of the building, its configuration, construction materials, the site conditions, the proximity of the building to neighboring buildings, and the type of nonstructural elements.

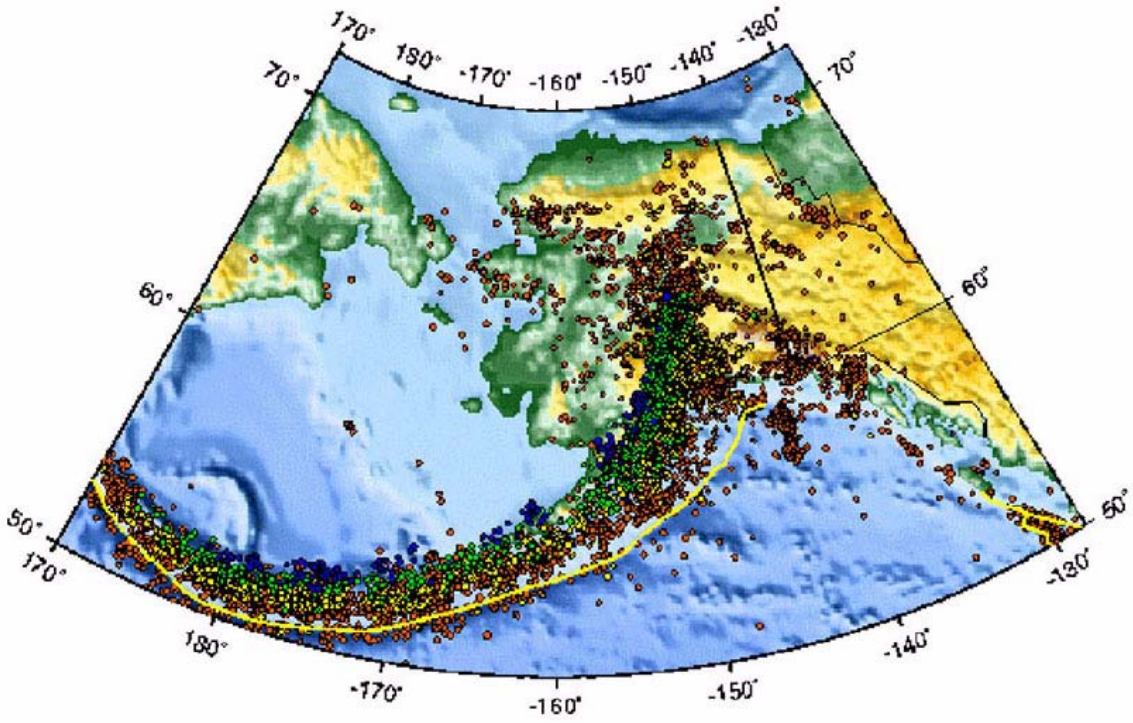


Figure F-3 Seismicity of Alaska 1977 – 1997. The white line close to most of the earthquakes is the plate boundary, on the ocean floor, between the Pacific and North America plates.

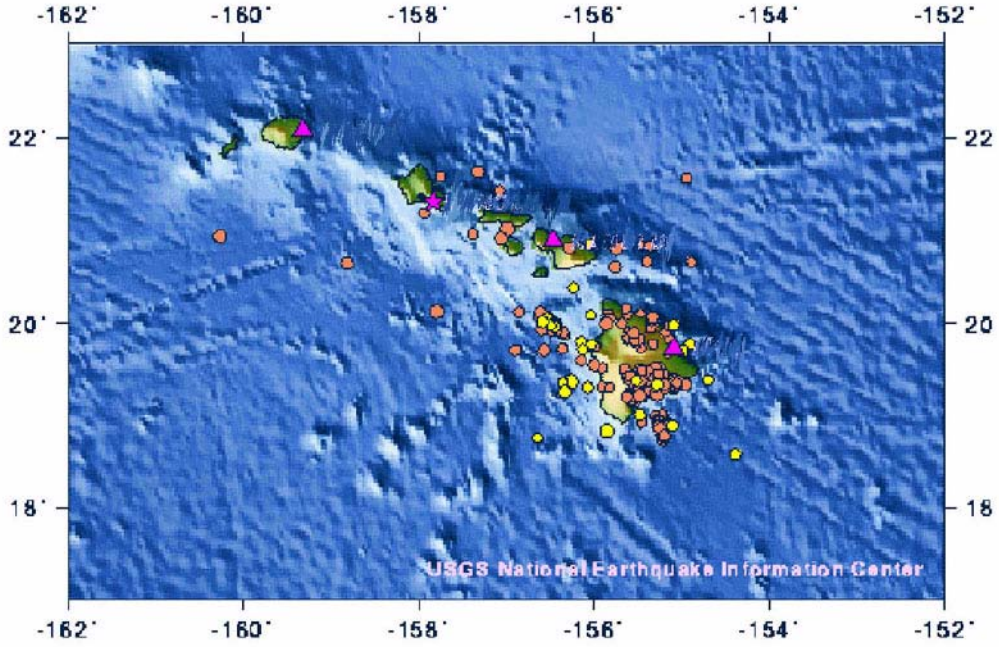


Figure F-4 Seismicity of Hawaii 1977 – 1997. See Figure F-2 caption.

When strong earthquake shaking occurs, a building is thrown mostly from side to side, and also up and down. That is, while the ground is violently moving from side to side, taking the building foundation with it, the building structure tends to stay at rest, similar to a passenger standing on a bus that accelerates quickly. Once the building starts moving, it tends to continue in the same direction, but the ground moves back in the opposite direction (as if the bus driver first accelerated quickly, then suddenly braked). Thus the building gets thrown back and forth by the motion of the ground, with some parts of the building lagging behind the foundation movement, and then moving in the opposite direction. The force F that an upper floor level or roof level of the building should successfully resist is related to its mass m and its acceleration a, according to Newton's law, $F = ma$. The heavier the building the more the force is exerted. Therefore, a tall, heavy, reinforced-concrete building will be subject to more force than a lightweight, one-story, wood-frame house, given the same acceleration.

Damage can be due either to structural members (beams and columns) being overloaded or differential movements between different parts of the structure. If the structure is sufficiently strong to resist these forces or differential movements, little damage will result. If the structure cannot resist these forces or differential movements, structural members will be damaged, and collapse may occur.

Building damage is related to the duration and the severity of the ground shaking. Larger earthquakes tend to shake longer and harder and therefore cause more damage to structures. Earthquakes with Richter magnitudes less than 5 rarely cause significant damage to buildings, since acceleration levels (except when the site is on the fault) and duration of shaking for these earthquakes are relatively small.

In addition to damage caused by ground shaking, damage can be caused by buildings pounding against one another, ground failure that causes the degradation of the building foundation, landslides, fires and tidal waves (tsunamis). Most of these "indirect" forms of damage are not addressed in this *Handbook*.

Generally, the farther from the source of an earthquake, the less severe the motion. The rate at which motion decreases with distance is a function of the regional geology, inherent characteristics and details of the earthquake, and its source location. The underlying geology of the site can also have a significant effect on the amplitude of the ground motion there. Soft, loose soils tend to amplify the ground motion and in many cases a resonance effect can make it last longer. In such circumstances, building damage can be accentuated. In the San Francisco earthquake of 1906, damage was greater in the areas where buildings were constructed on loose, man-made fill and less at the tops of the rocky hills. Even more dramatic was the 1985 Mexico City earthquake. This earthquake occurred 250 miles from the city, but very soft soils beneath the city amplified the ground shaking enough to cause weak mid-rise buildings to collapse (see Figure F-5). Resonance of the building frequency with the amplified ground shaking frequency played a significant role. Sites with rock close to or at the surface will be less likely to amplify motion. The type of motion felt also changes with distance from the earthquake. Close to the source the motion tends to be violent rapid shaking, whereas farther away the motion is normally more of a swaying nature. Buildings will respond differently to the rapid shaking than to the swaying motion.

Each building has its own vibrational characteristics that depend on building height and structural type. Similarly, each earthquake has its own vibrational characteristics that depend on the geology of the site, distance from the source, and the type and site of the earthquake source mechanism. Sometimes a natural resonant frequency of the building and a prominent frequency of the earthquake motion are similar and cause a sympathetic response, termed resonance. This causes an increase in the amplitude of the building's vibration and consequently increases the potential for damage.

Resonance was a major problem in the 1985 Mexico City earthquake, in which the total collapse of many mid-rise buildings (Figure F-5) caused many fatalities. Tall buildings at large distances from the earthquake source have a small, but finite, probability of being subjected to ground motions containing frequencies that can cause resonance.

Where taller, more flexible, buildings are susceptible to distant earthquakes (swaying motion) shorter

Figure F-5 Mid-rise building collapse, 1985 Mexico City earthquake.

Figure F-6 Near-field effects, 1992 Landers earthquake, showing house (white arrow) close to surface faulting (black arrow); the insert shows a house interior.

and stiffer buildings are more susceptible to nearby earthquakes (rapid shaking). Figure F-6 shows the effects on shorter, stiffer structures that are close to the source. The inset picture shows the interior of the house. Accompanying the near field effects is surface faulting also shown in Figure F-6.

The level of damage that results from a major earthquake depends on how well a building has been designed and constructed. The exact type of damage cannot be predicted because no two buildings undergo identical motion. However, there are some general trends that have been observed in many earthquakes.

- Newer buildings generally sustain less damage than older buildings designed to earlier codes.
- Common problems in wood-frame construction are the collapse of unreinforced chimneys (Figure F-7) houses sliding off their foundations (Figure F-8),collapse of cripple walls (Figure F-9), or collapse of post and pier foundations (Figure F-10). Although such damage may be costly to repair, it is not usually life threatening.
- The collapse of load bearing walls that support an entire structure is a common form of damage in unreinforced masonry structures (Figure F-11).

Figure F-7 Collapsed chimney with damaged roof, 1987 Whittier Narrows earthquake.

- Similar types of damage have occurred in many older tilt-up buildings (Figure F-12).

From a life-safety perspective, vulnerable buildings need to be clearly identified, and then strengthened or demolished.

F.4 How Buildings Resist Earthquakes

As described above, buildings experience horizontal distortion when subjected to earthquake motion. When these distortions get large, the damage can be catastrophic. Therefore, most buildings are designed

Figure F-8 House that slid off foundation, 1994 Northridge earthquake.

Figure F-9 Collapsed cripple stud walls dropped this house to the ground, 1992 Landers and Big Bear earthquakes.

Figure F-10 This house has settled to the ground due to collapse of its post and pier foundation.

Figure F-11 Collapse of unreinforced masonry bearing wall, 1933 Long Beach earthquake.

Figure F-12 Collapse of a tilt-up bearing wall.

with lateral-force-resisting systems (or seismic systems), to resist the effects of earthquake forces. In many cases seismic systems make a building stiffer against horizontal forces, and thus minimize the amount of relative lateral movement and consequently the damage. Seismic systems are usually designed to resist only forces that result from horizontal ground motion, as distinct from vertical ground motion.

The combined action of seismic systems along the width and length of a building can typically resist earthquake motion from any direction. Seismic systems differ from building to building because the type of system is controlled to some extent by the basic layout and structural elements of the building. Basically, seismic systems consist of axial-, shear- and bending-resistant elements.

In wood-frame, stud-wall buildings, plywood siding is typically used to prevent excessive lateral deflection in the plane of the wall. Without the extra strength provided by the plywood, walls would distort excessively or "rack," resulting in broken windows and stuck doors. In older wood frame houses,

this resistance to lateral loads is provided by either wood or steel diagonal bracing.

The earthquake-resisting systems in modern steel buildings take many forms. In moment-resisting steel frames, the connections between the beams and the columns are designed to resist the rotation of the column relative to the beam. Thus, the beam and the column work together and resist lateral movement and lateral displacement by bending. Steel frames sometimes include diagonal bracing configurations, such as single diagonal braces, cross-bracing and "K-bracing." In braced frames, horizontal loads are resisted through tension and compression forces in the braces with resulting changed forces in the beams and columns. Steel buildings are sometimes constructed with moment-resistant frames in one direction and braced frames in the other.

In concrete structures, shear walls are sometimes used to provide lateral resistance in the plane of the wall, in addition to moment-resisting frames. Ideally, these shear walls are continuous reinforced-concrete walls extending from the foundation to the roof of the building. They can be exterior walls or interior walls. They are interconnected with the rest of the concrete frame, and thus resist the horizontal motion of one floor relative to another. Shear walls can also be constructed of reinforced masonry, using bricks or concrete blocks.

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