

Casualty estimates assume a MODERATE WALK travel speed (4 ft per second)

A.

Young's Bay

Buildings and RVs

1:25,000
Miles

0 0.55

Community Boundary

XXL Safety Zone

XXL Tsunami Zone

Ocean, Water Bodies

Evacuation Route Classification

- High likelihood of survival for all ages
- High likelihood of fatality for people 65 and over
- High likelihood of fatality for all ages

Age Group	Percentage
<65 years	80 %
≥ 65 years	20 %

Distance to safety - XXL1

Towards safety

4 fps threshold

4 fps Uncertainty

Number of People

Cumulative percent

Distance to Safety (ft)

Permanent resident

Temporary visitor

Cumulative %

4 fps Uncertainty

Distance to safety and building type

Permanent Residents (number)

Distance to Safety (ft)

4 fps threshold

Temporary Residents (number)

Towards safety →

Legend:

- Single Family Residential
- Multi-family Residential
- Mobile (Tents, Rec. Vehicles)
- Manufactured Housing
- Hotel/Motel
- Other

The figure consists of five horizontal bar charts, each representing a different metric of the disaster's impact. The bars are yellow, except for the 'Combined Earthquake/Tsunami loss' chart which includes a legend with white and orange bars.

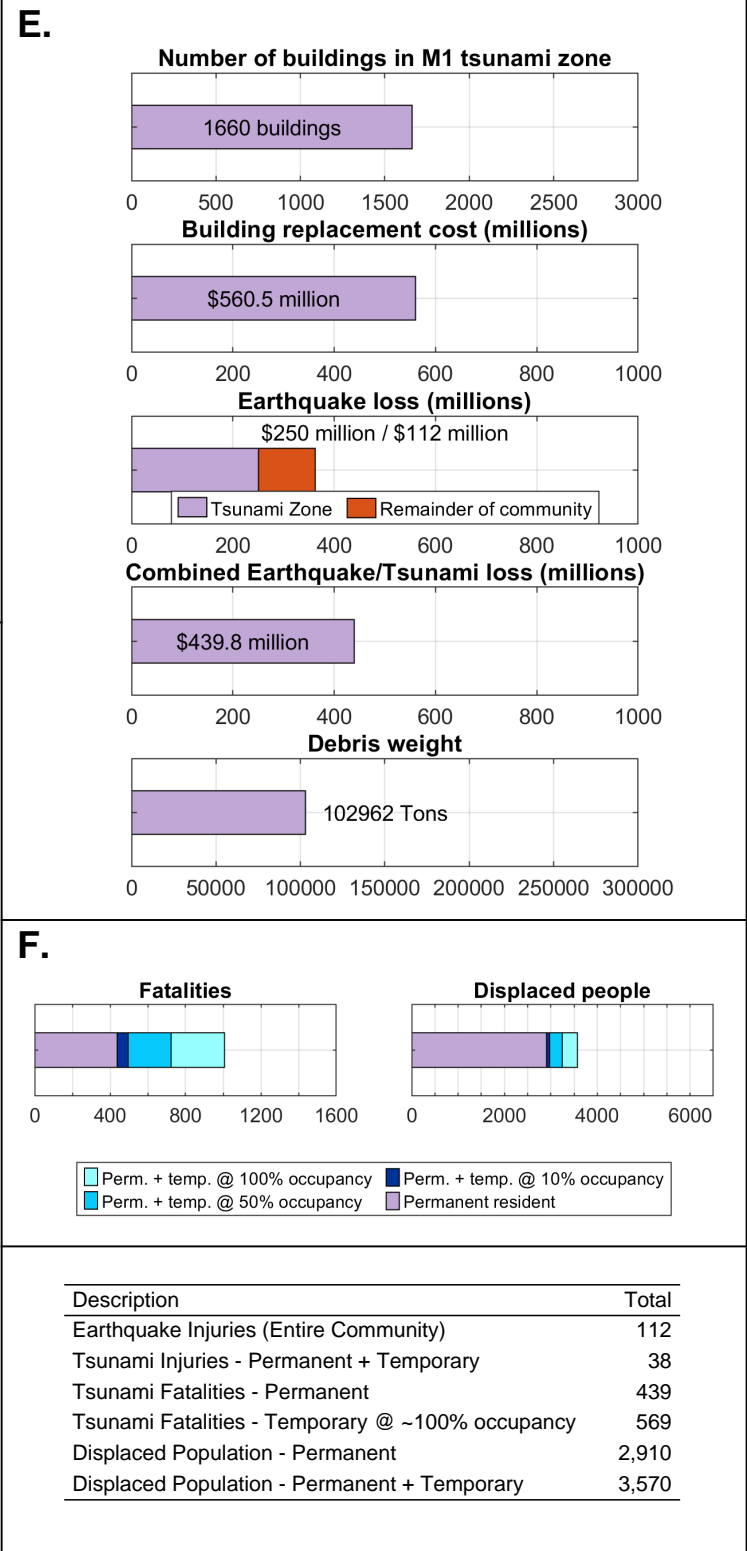
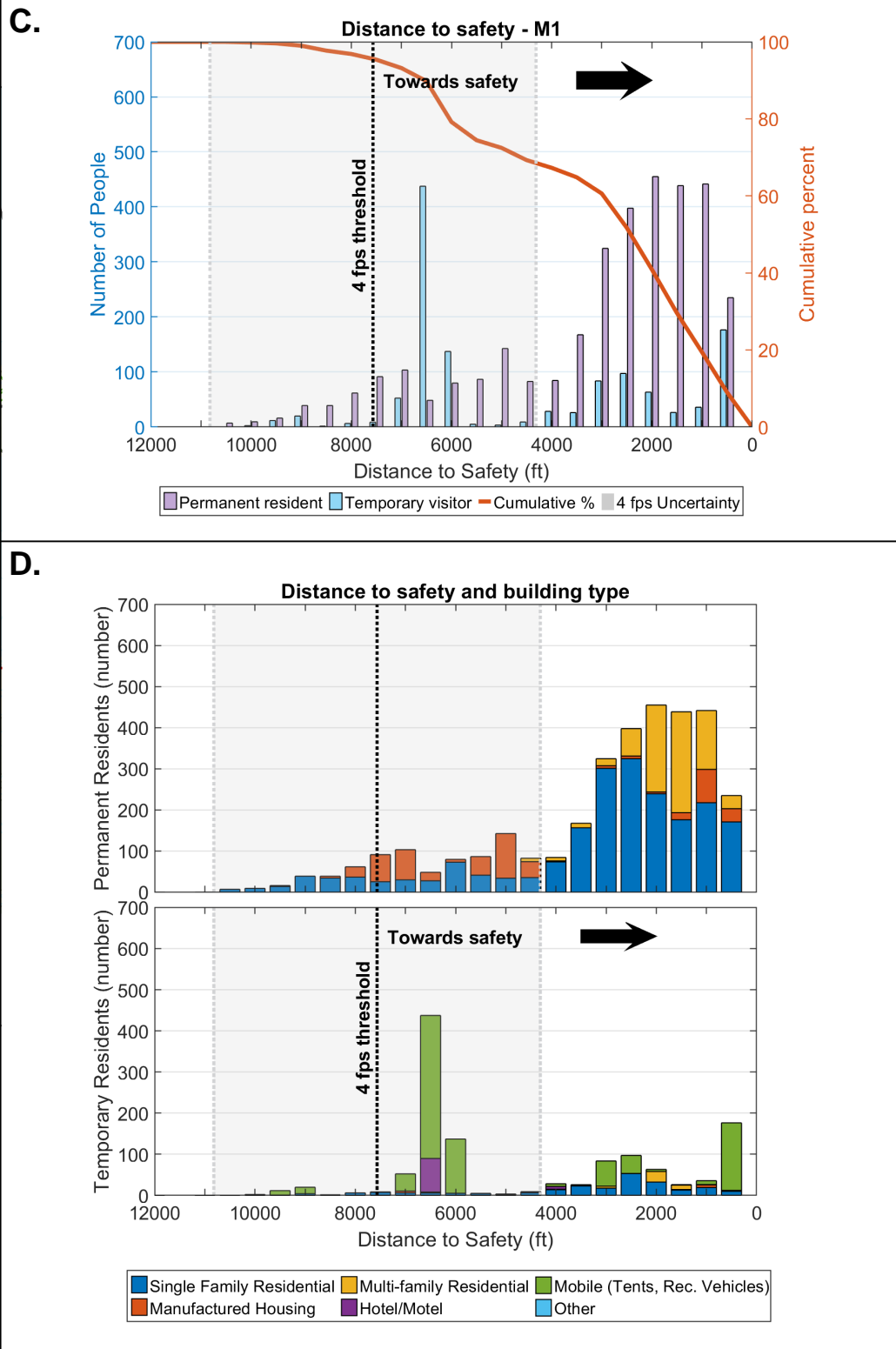
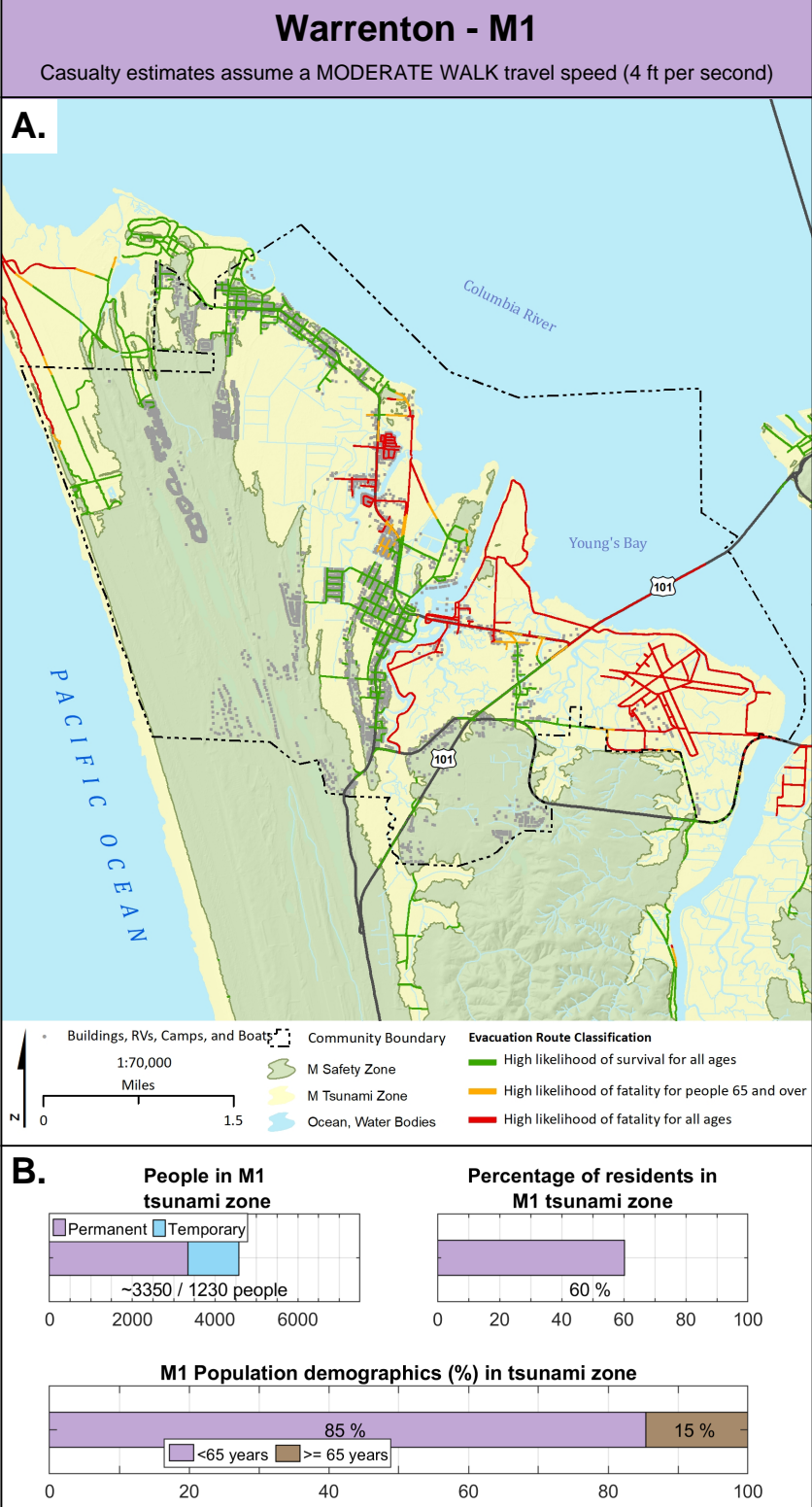
Metric	Value
Building replacement cost (millions)	457 buildings
Earthquake loss (millions)	\$106.7 million
Combined Earthquake/Tsunami loss (millions)	\$32 million / \$0 million
Debris weight	28326 Tons

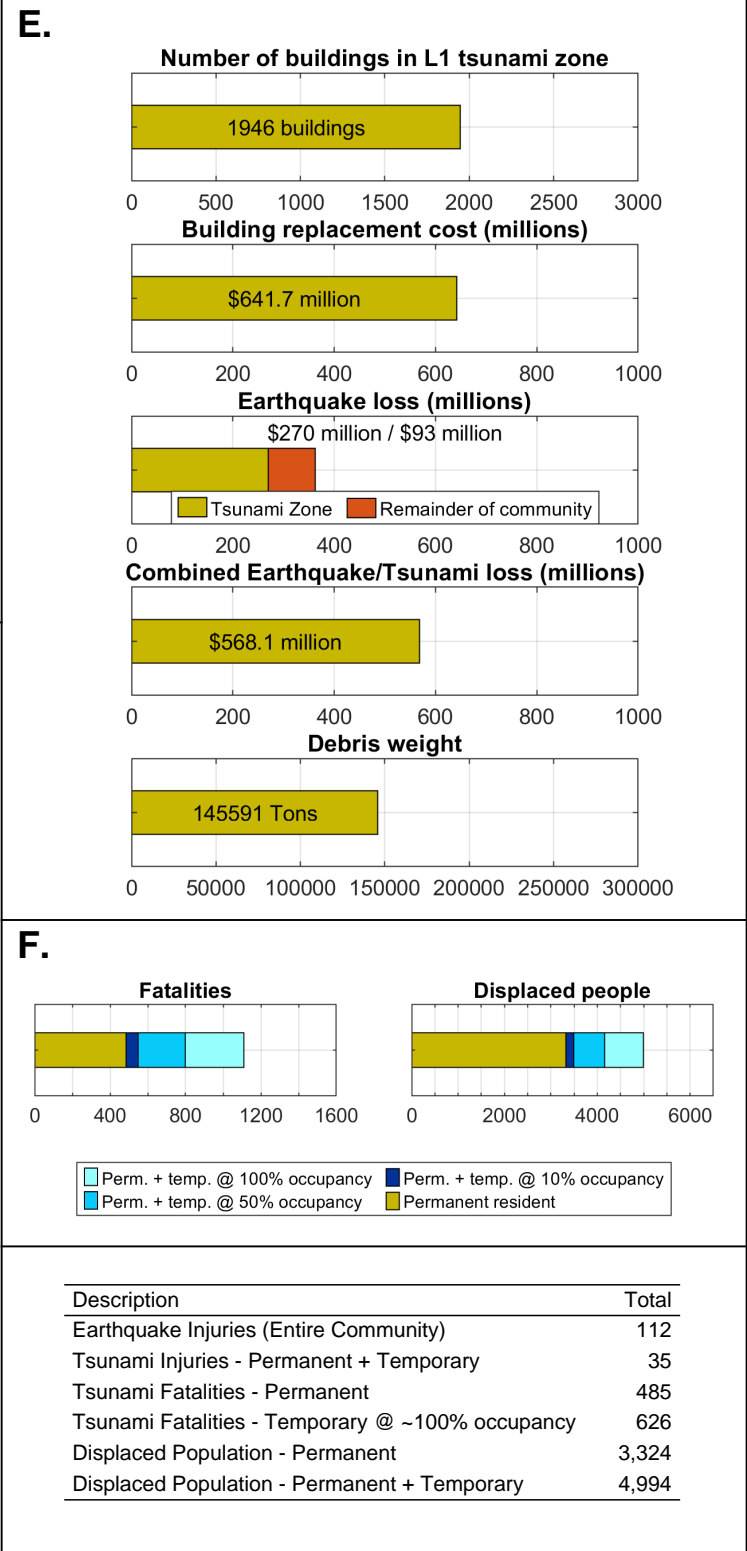
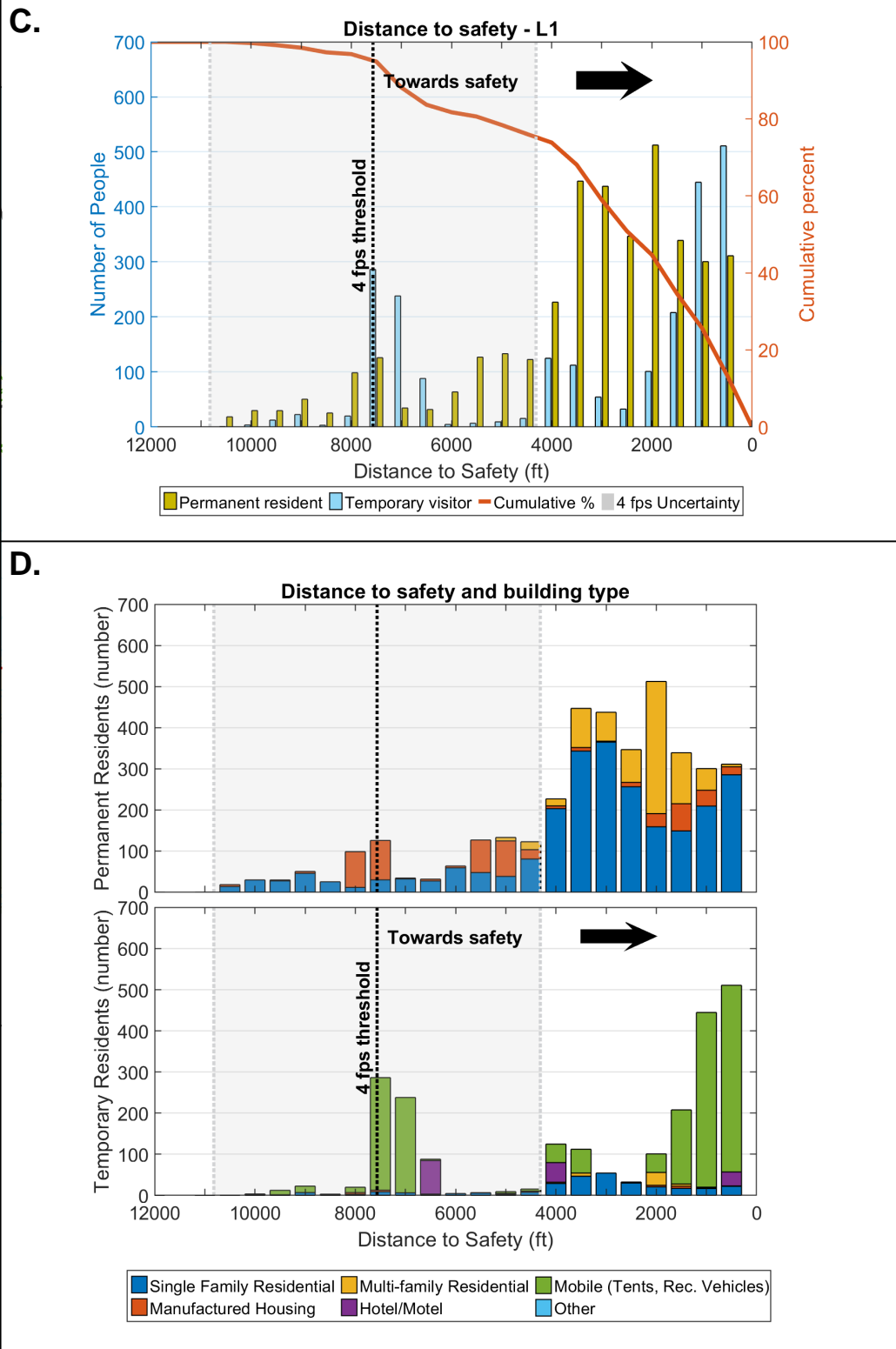
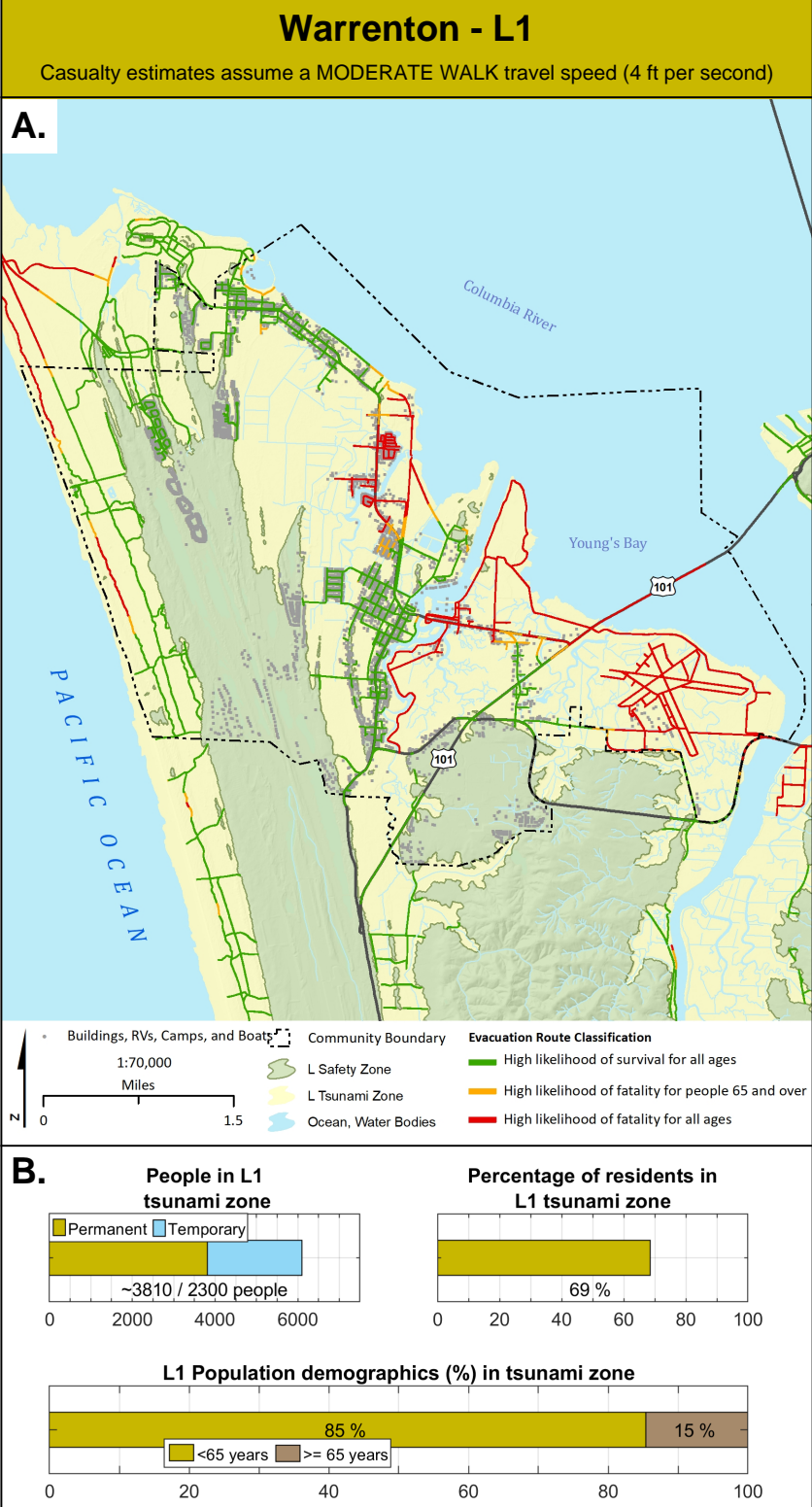
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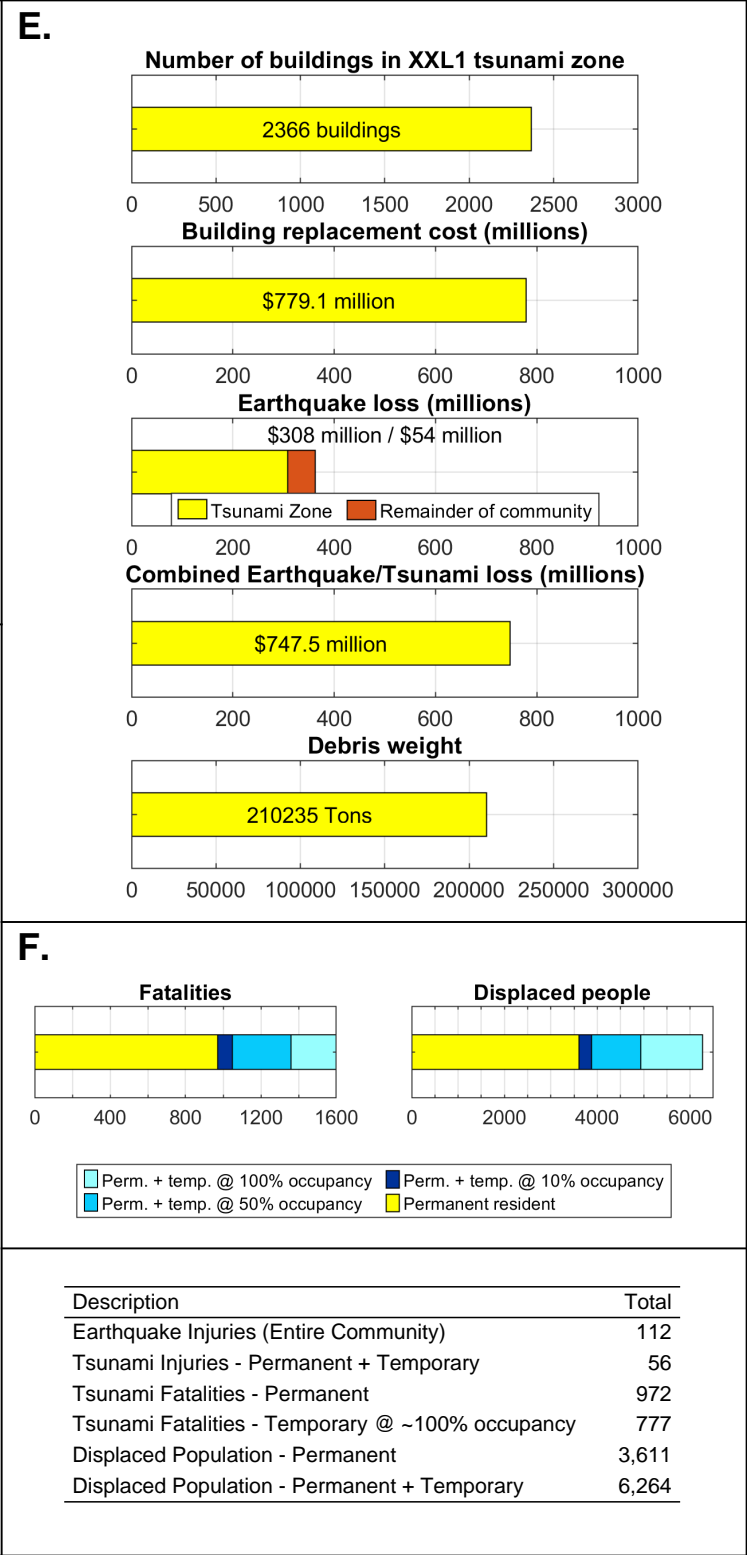
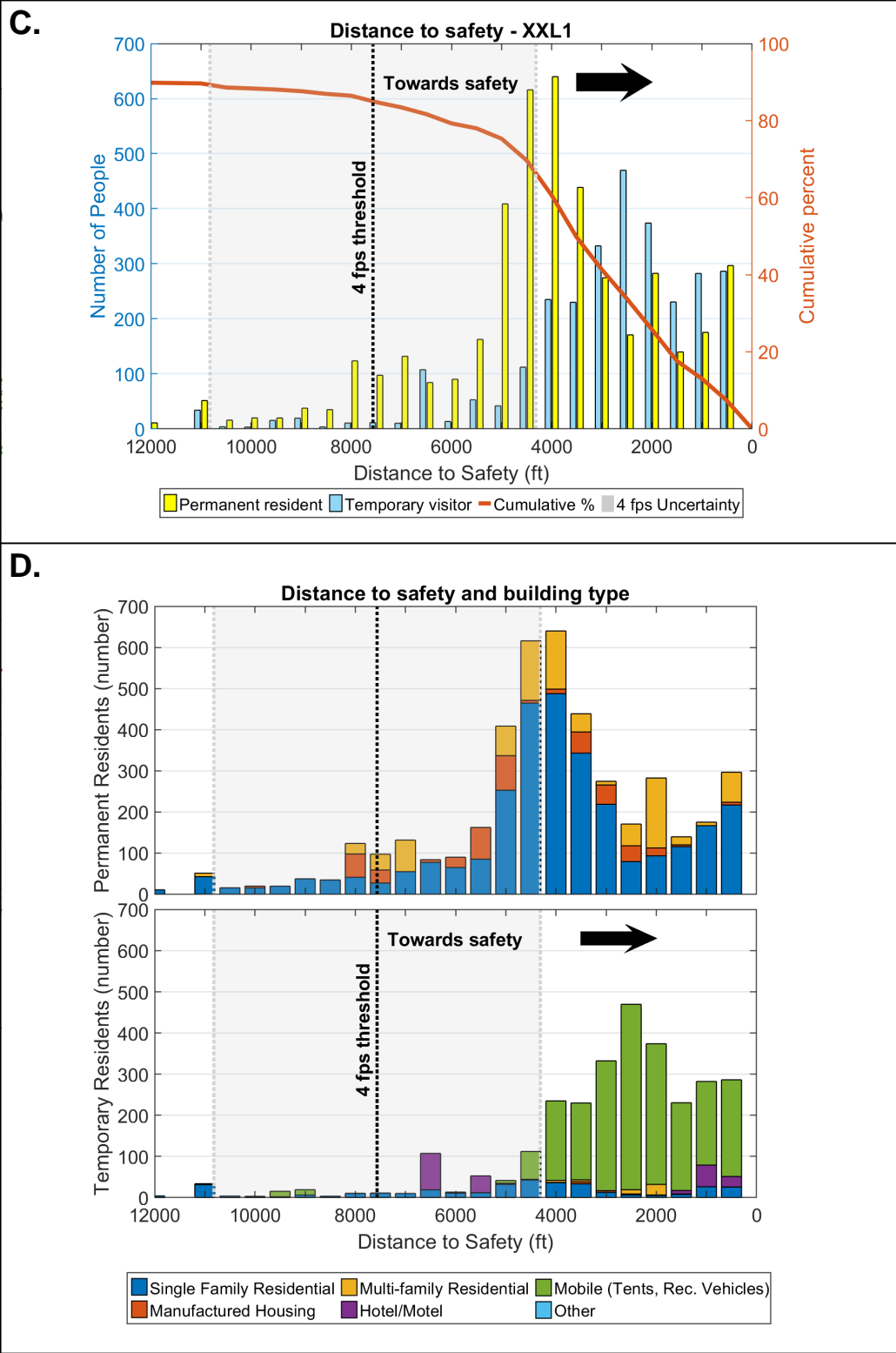
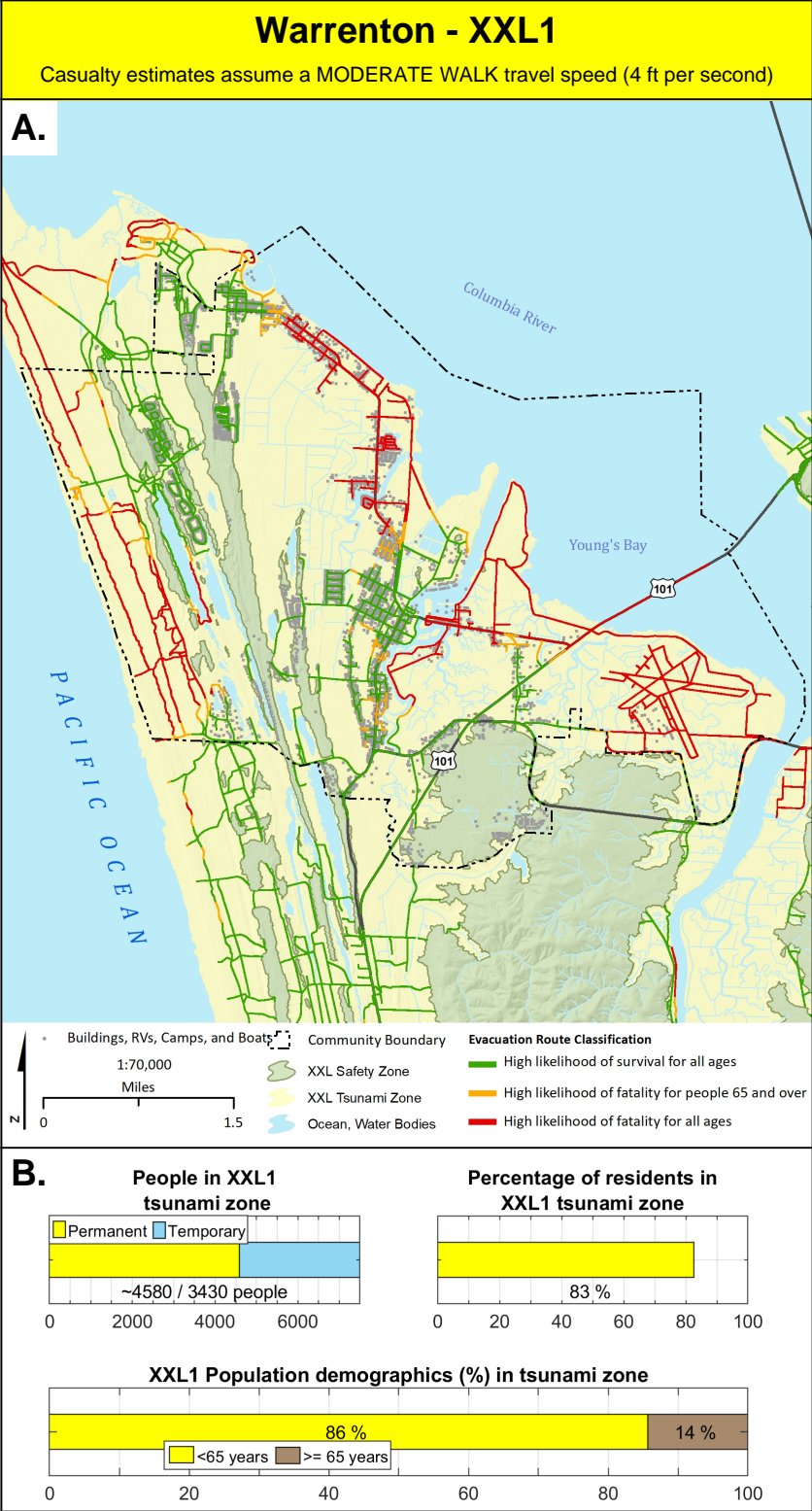
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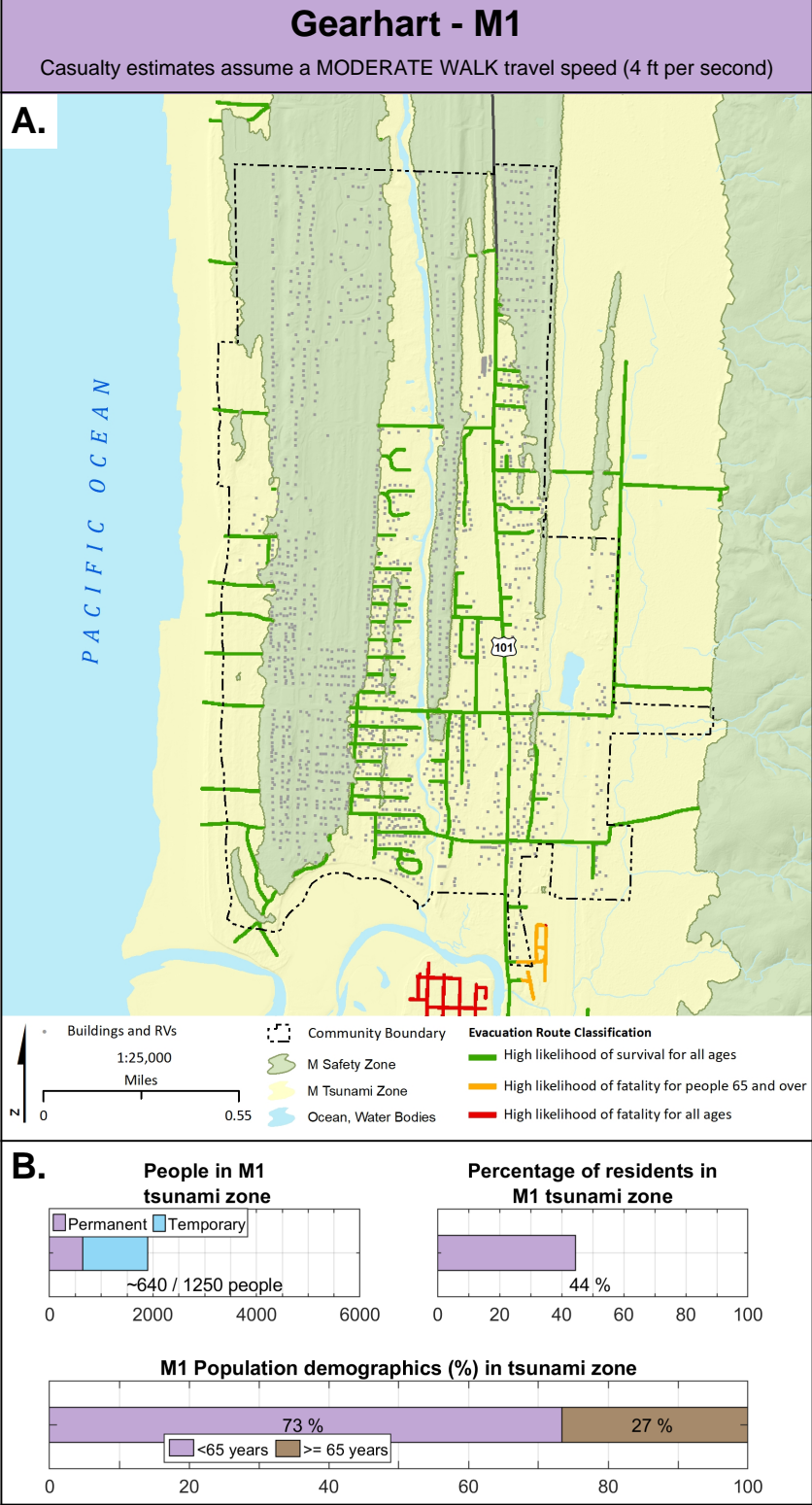
Perm. + temp. @ 100% occupancy
Perm. + temp. @ 50% occupancy
Perm. + temp. @ 10% occupancy
Permanent resident

Description	Total
Earthquake Injuries (Entire Community)	7
Tsunami Injuries - Permanent + Temporary	8
Tsunami Fatalities - Permanent	208
Tsunami Fatalities - Temporary @ ~100% occupancy	1
Displaced Population - Permanent	265
Displaced Population - Permanent + Temporary	408









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A. *PACIFIC OCEAN*

• Buildings and RVs Community Boundary **Evacuation Route Classification**
 1:25,000 L Safety Zone High likelihood of survival for all ages
 Miles L Tsunami Zone High likelihood of fatality for people 65 and over
 0 Ocean, Water Bodies High likelihood of fatality for all ages

Visa Type	Number of People
Permanent	~1190
Temporary	~3220

Antwort	Anteil
Ja	82 %
Nein	18 %

Age Group	Percentage
<65 years	73 %
≥ 65 years	27 %

Figure 1 is a bar chart titled "Distance to safety - L1". The x-axis represents "Distance to Safety (ft)" ranging from 12000 to 0. The left y-axis represents "Number of People" ranging from 0 to 800. The right y-axis represents "Cumulative percent" ranging from 0 to 100. The chart displays two data series: "Permanent resident" (yellow bars) and "Temporary visitor" (light blue bars). A red line represents the "Cumulative %" curve. A vertical dashed line at approximately 6500 ft is labeled "4 fps threshold". A grey shaded region from 8000 ft to 6500 ft is labeled "4 fps Uncertainty". An arrow points from the text "Towards safety" towards the right, indicating the direction of decreasing distance.

Distance to Safety (ft)	Permanent resident (Number of People)	Temporary visitor (Number of People)	Cumulative %
12000	0	0	0
10000	0	0	0
8000	0	0	0
6500	0	0	0
6000	0	0	0
5500	0	0	0
5000	0	0	0
4500	0	0	0
4000	0	0	0
3500	0	0	0
3000	0	0	0
2500	0	0	0
2000	0	0	0
1500	0	0	0
1000	0	0	0
500	0	0	0
0	0	0	100

Distance to safety and building type

Permanent Residents (number)

Distance to Safety (ft)

4 fps threshold

Towards safety

Single Family Residential

Multi-family Residential

Mobile (Tents, Rec. Vehicles)

Manufactured Housing

Hotel/Motel

Other

1298 buildings				
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\$361.2 million				

\$81 million / \$27 million

■ Tsunami Zone ■ Remainder of community

\$342.3 million			

A horizontal bar chart with a single bar. The bar is olive green and contains the text "84345 Tons". The x-axis is labeled from 0 to 200,000 in increments of 50,000.

Value
84345 Tons

Perm. + temp. @ 100% occupancy
 Perm. + temp. @ 10% occupancy
 Perm. + temp. @ 50% occupancy
 Permanent resident

Description	Total
Earthquake Injuries (Entire Community)	74
Tsunami Injuries - Permanent + Temporary	4
Tsunami Fatalities - Permanent	15
Tsunami Fatalities - Temporary @ ~100% occupancy	12
Displaced Population - Permanent	1,171
Displaced Population - Permanent + Temporary	4,379

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• Buildings and RVs
 1:25,000
 Miles
 0 0.55
 N
 Community Boundary
 XXL Safety Zone
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 Ocean, Water Bodies
Evacuation Route Classification
 High likelihood of survival for all ages
 High likelihood of fatality for people 65 and over
 High likelihood of fatality for all ages

People in XXL1

■ Permanent ■ Temporary

~1450 / 4530 people

Percentage of residents in

[illegible]

XXL1 Population demographics (%) in tsunami zone

Age Group	Percentage
<65 years	72 %
>= 65 years	28 %

Distance to safety - XXL1

Number of People

Distance to Safety (ft)

4 fps threshold

4 fps Uncertainty

Towards safety

Cumulative percent

Permanent resident Temporary visitor Cumulative % 4 fps Uncertainty

Distance to safety and building type

Permanent Residents (number)

Distance to Safety (ft)

4 fps threshold

Towards safety

Temporary Residents (number)

Distance to Safety (ft)

4 fps threshold

Towards safety

Single Family Residential

Multi-family Residential

Mobile (Tents, Rec. Vehicles)

Manufactured Housing

Hotel/Motel

Other

Number of buildings in XXL1 tsunami zone

Category	Number of Buildings
Other	1627

Building replacement cost (millions)	
	\$473.6 million

Country	Earthquake loss (millions)
Japan	480
USA	450
China	400
India	350
Mexico	300
Italy	250

Earthquake loss (millions)

\$109 million / \$0 million

0 200 400 600 800
Combined Earthquake/Tsunami loss (millions)

	\$472.5 million		
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Variable	Weight
Debris	500

Fatalities

Displaced people

Perm. + temp. @ 100% occupancy
 Perm. + temp. @ 50% occupancy
 Perm. + temp. @ 10% occupancy
 Permanent resident

Description	Total
Earthquake Injuries (Entire Community)	74
Tsunami Injuries - Permanent + Temporary	82
Tsunami Fatalities - Permanent	1,212
Tsunami Fatalities - Temporary @ ~100% occupancy	4,436
Displaced Population - Permanent	235
Displaced Population - Permanent + Temporary	331

