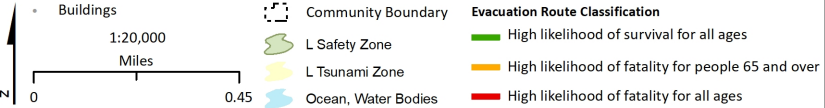
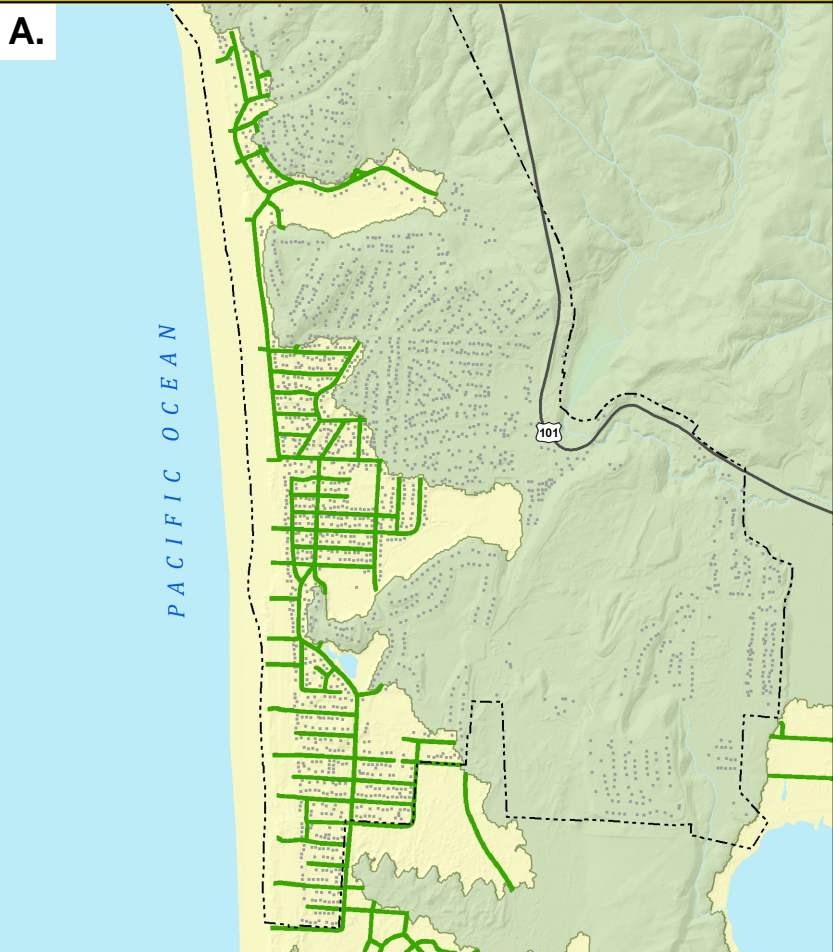


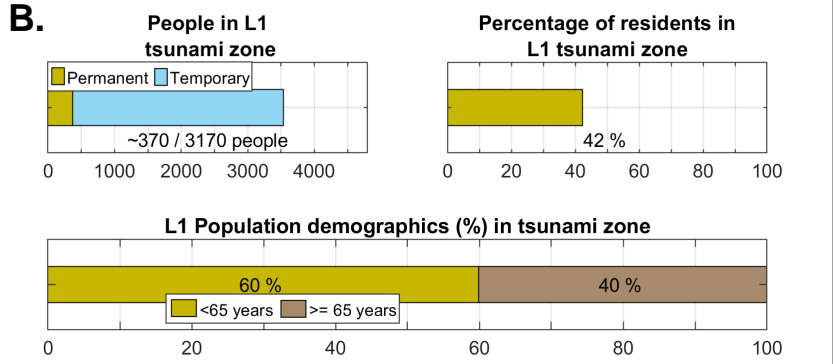
Manzanita - L1

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

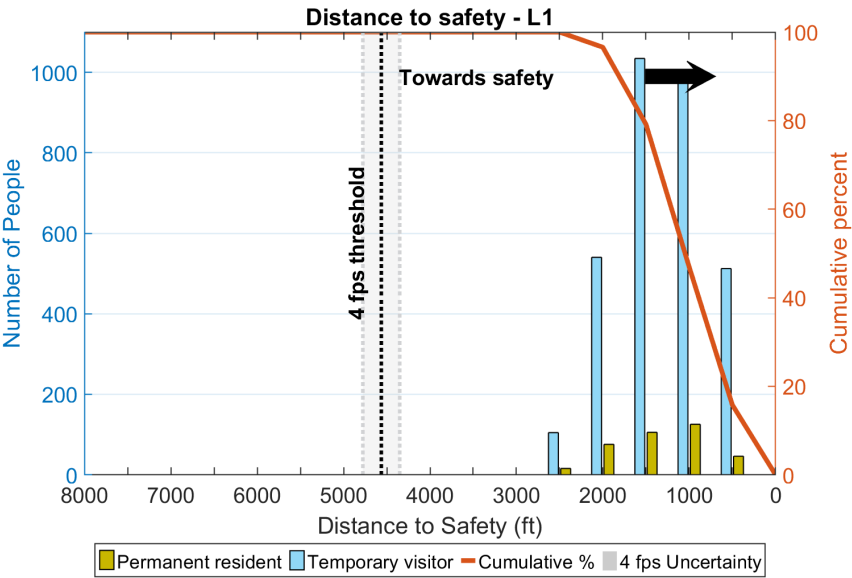
A.



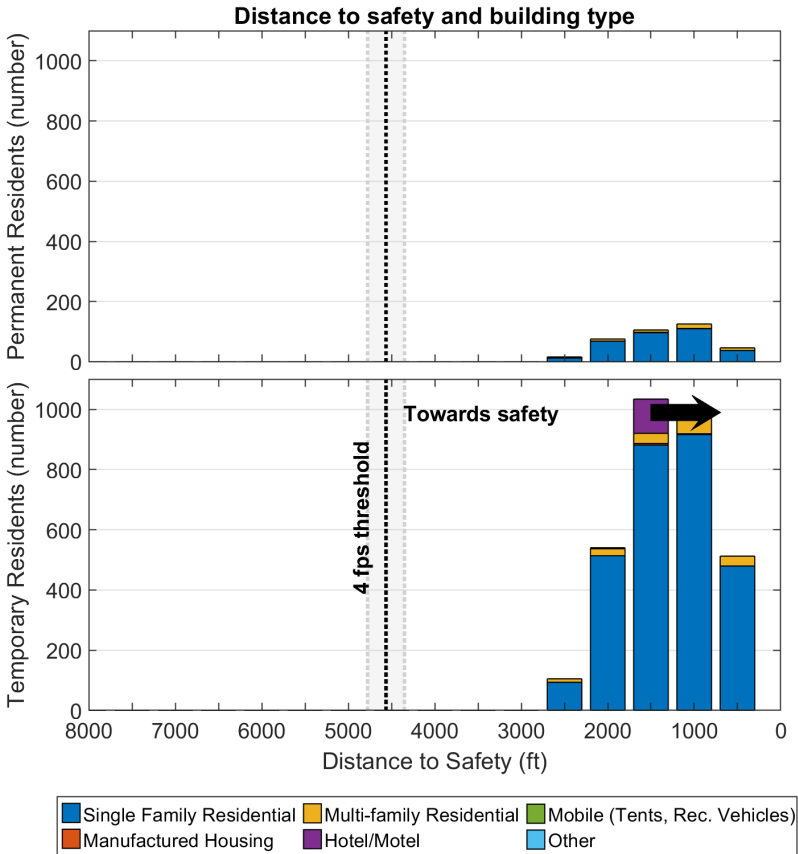
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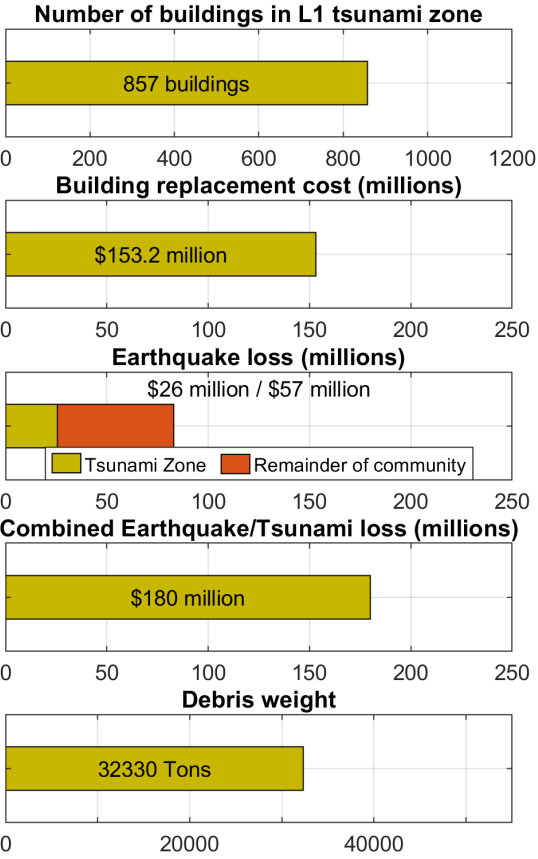
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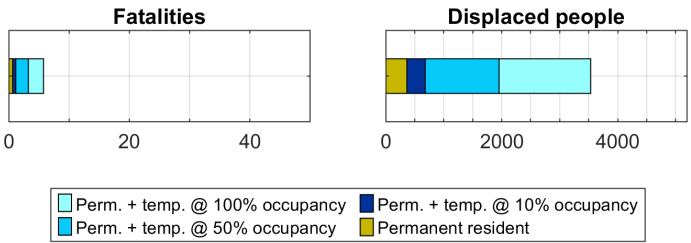
D.



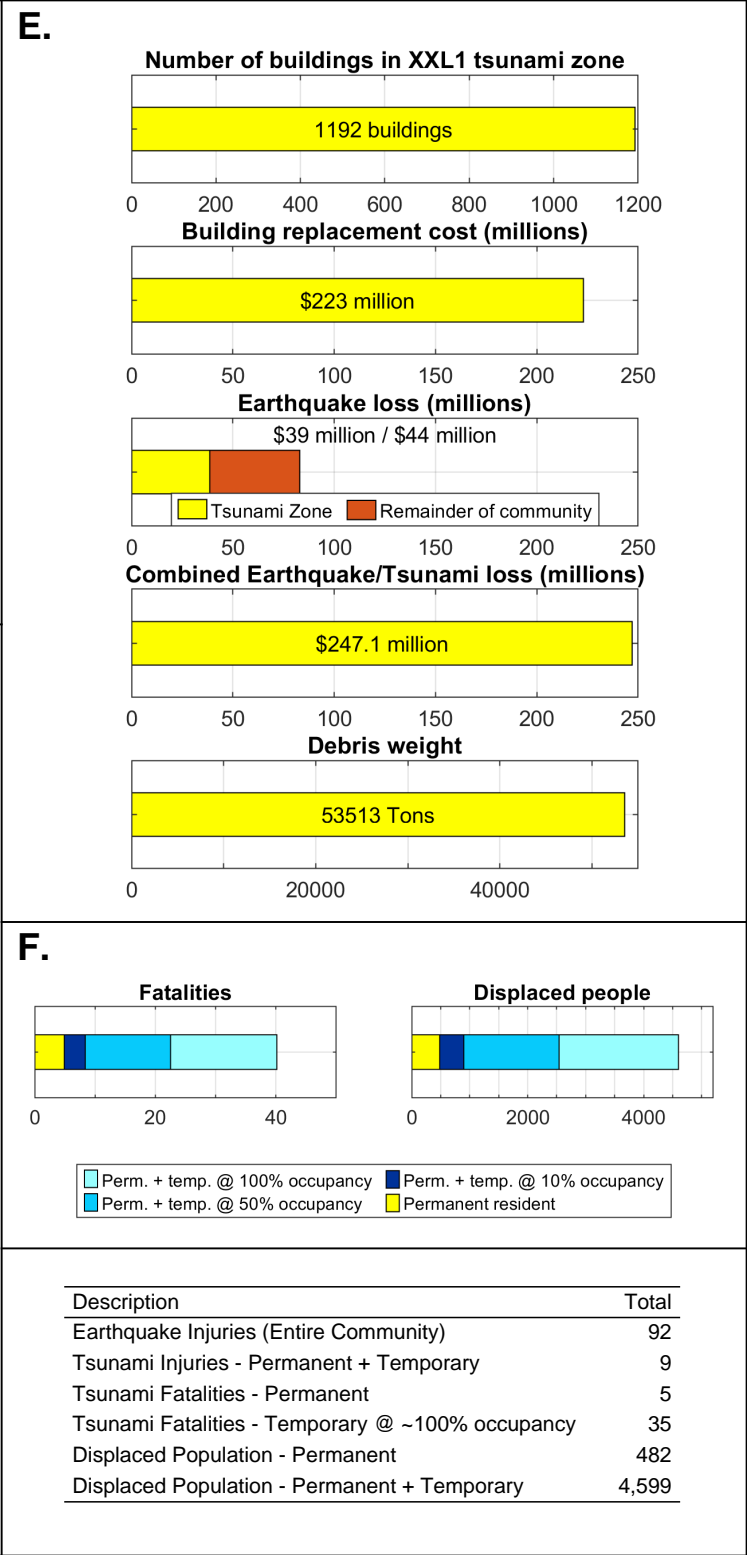
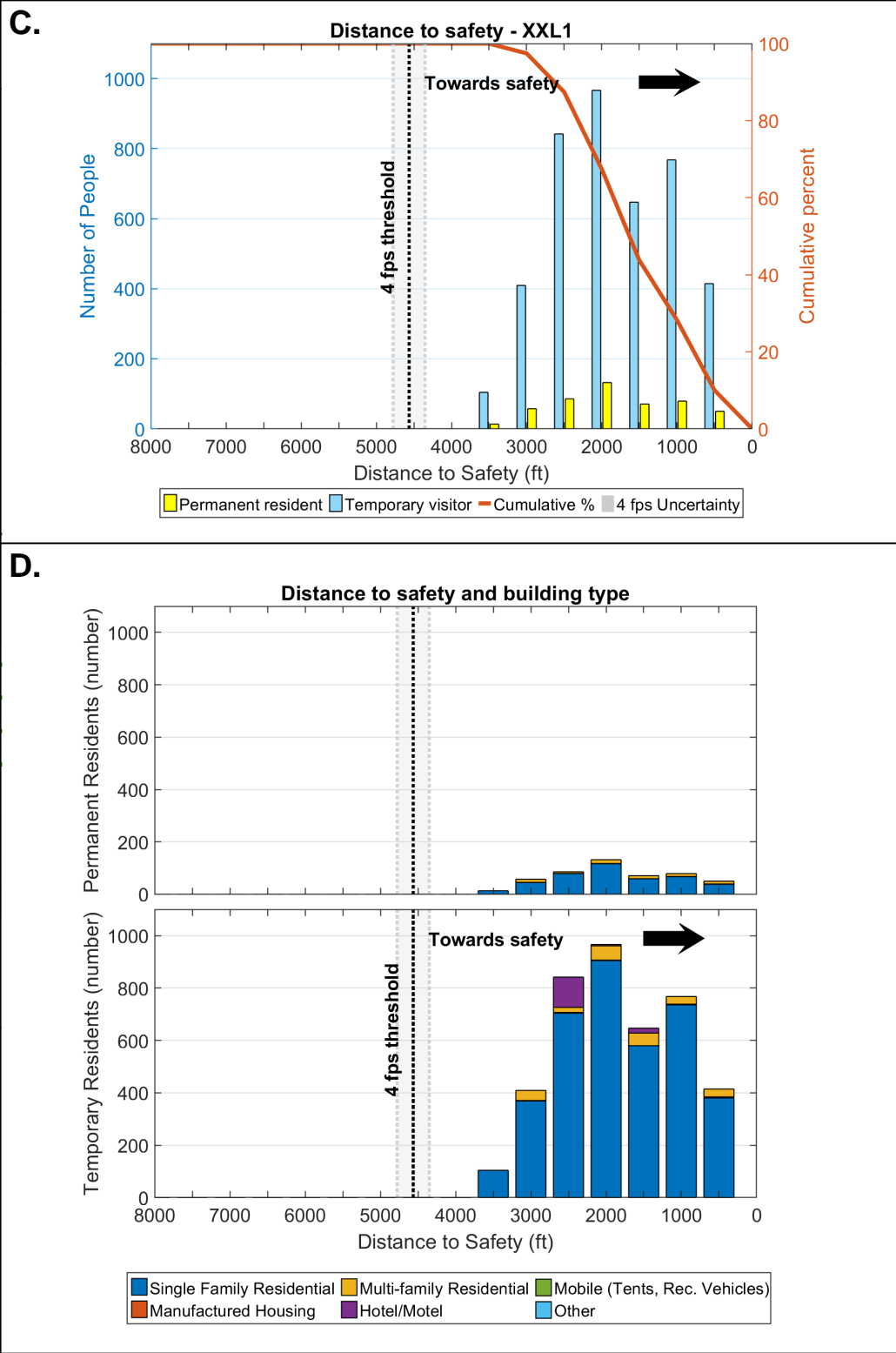
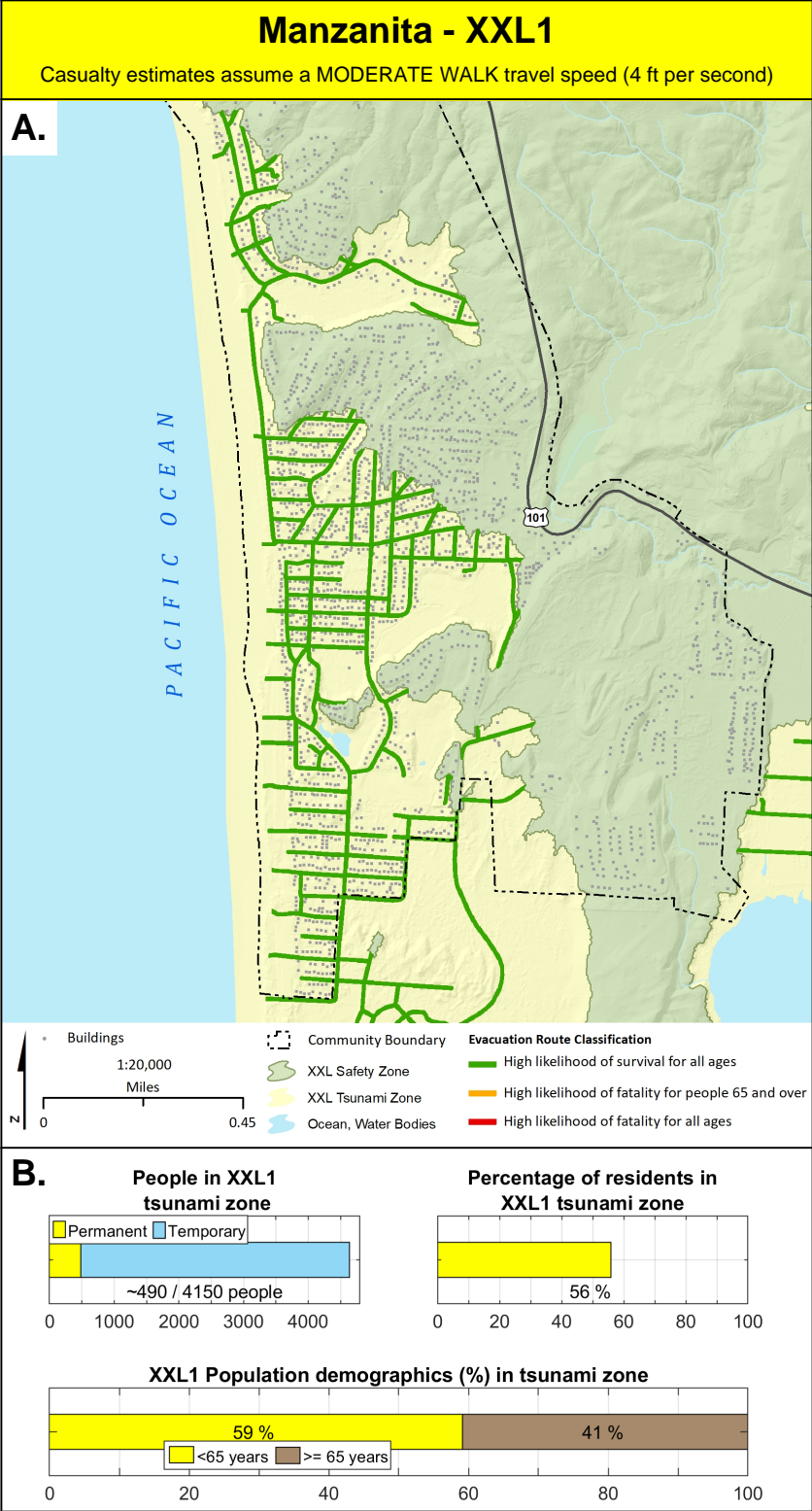
E.

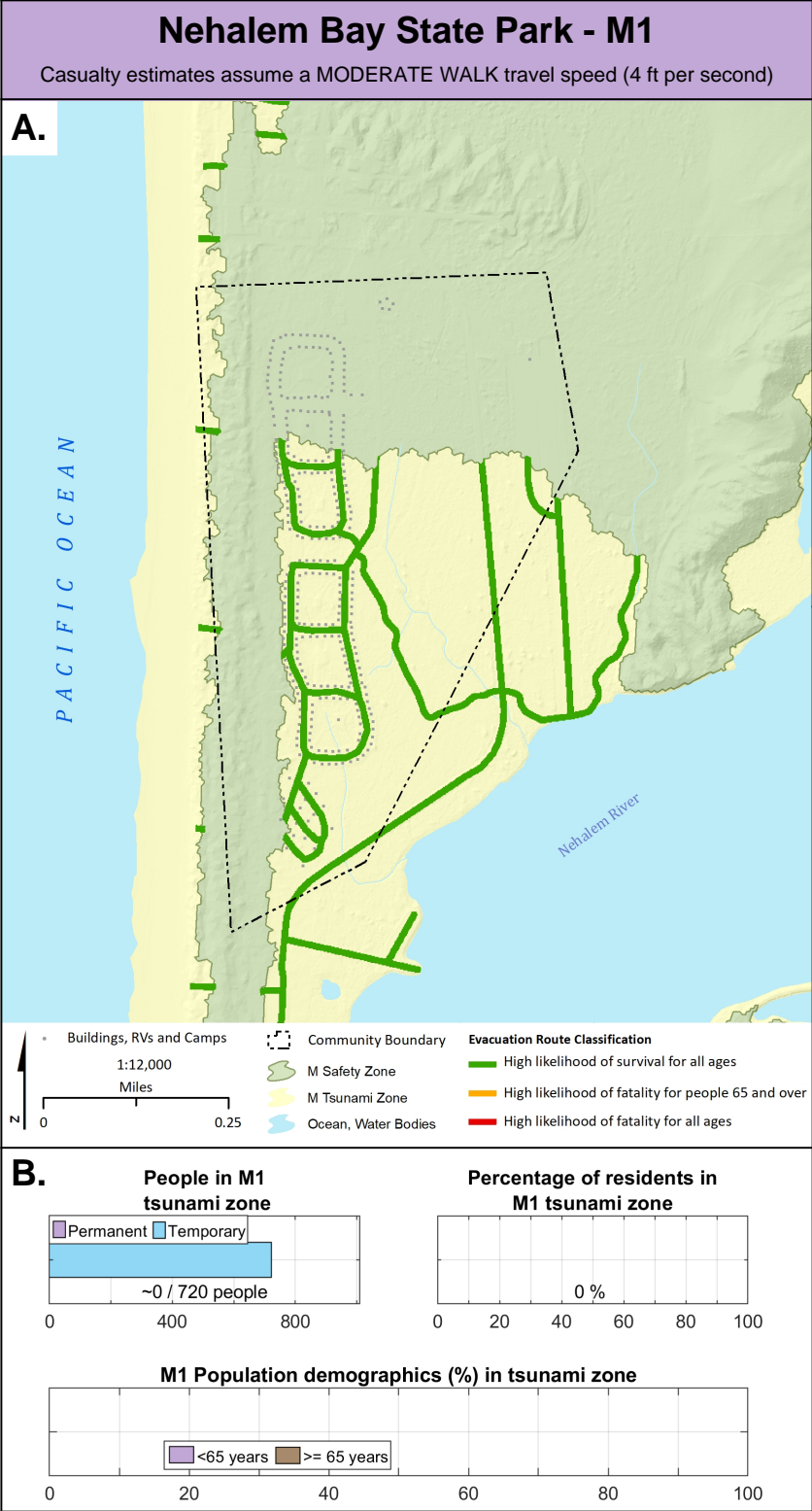


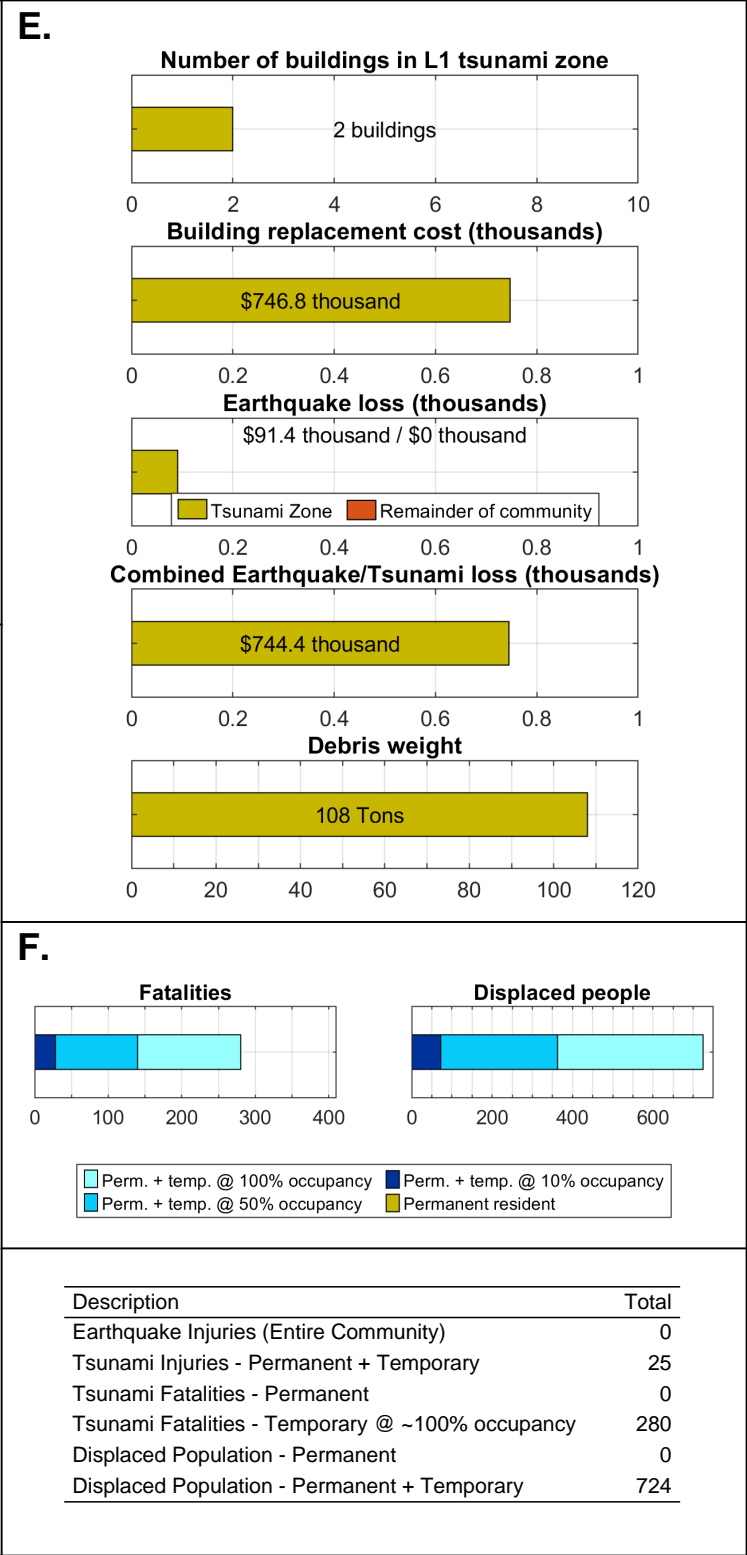
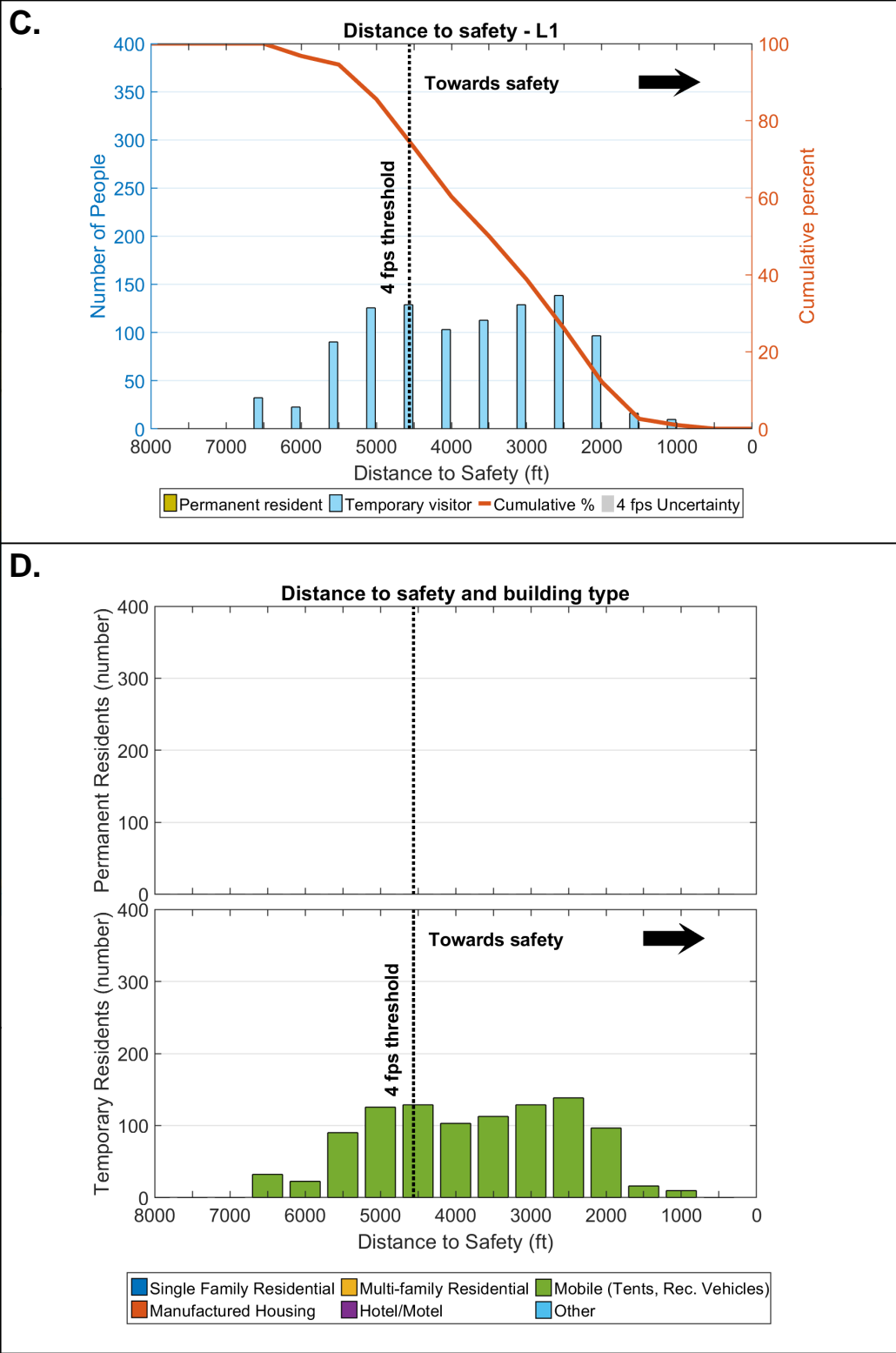
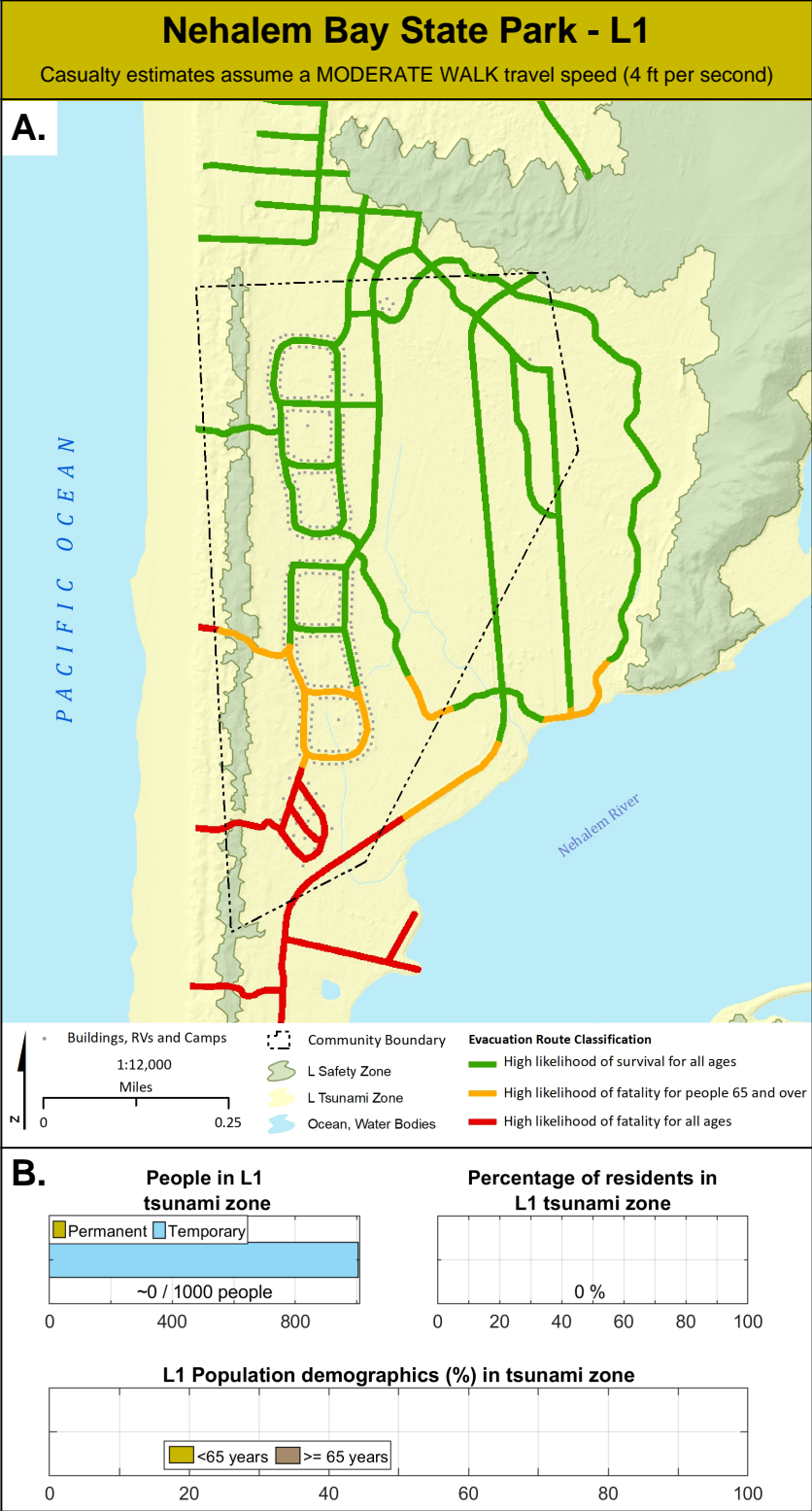
F.

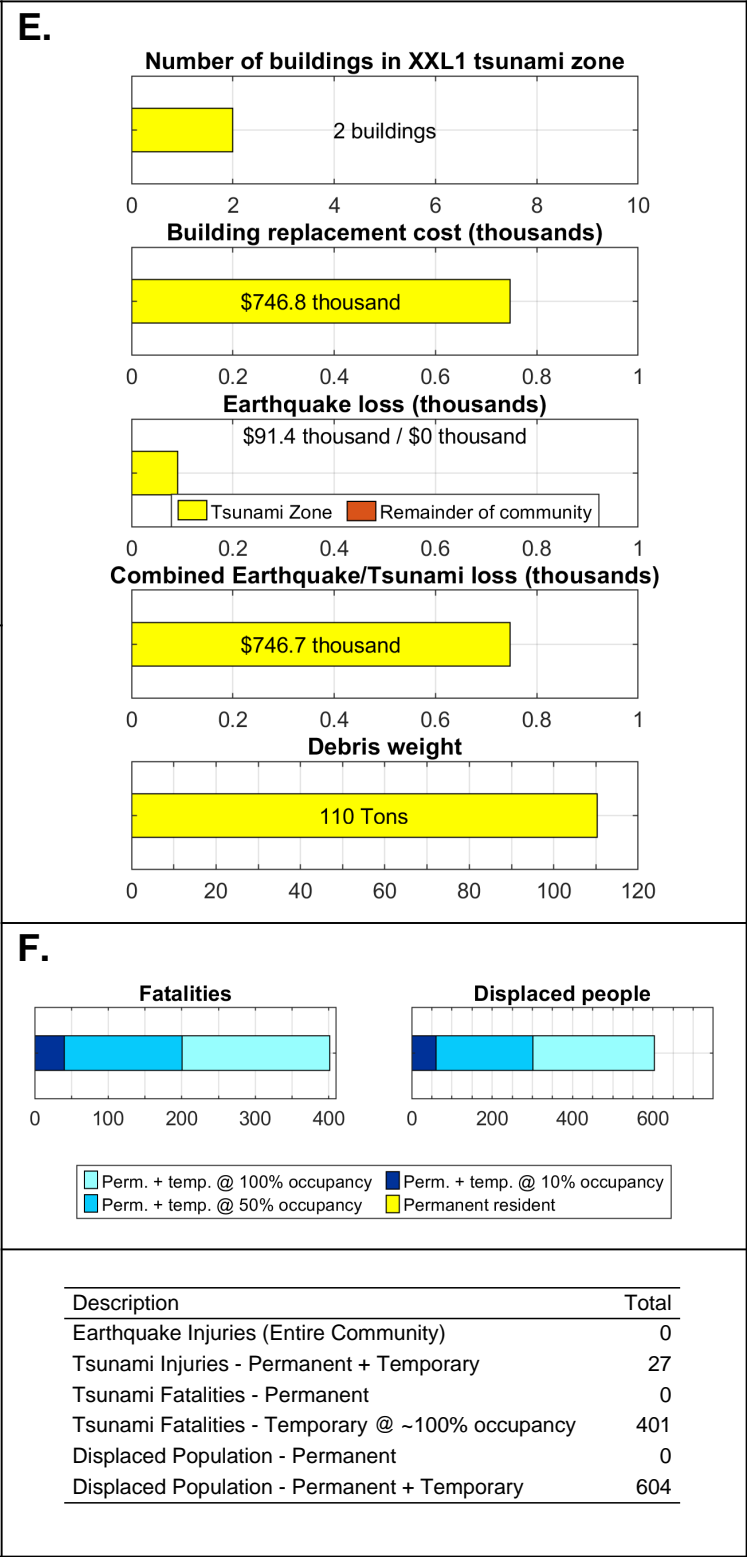
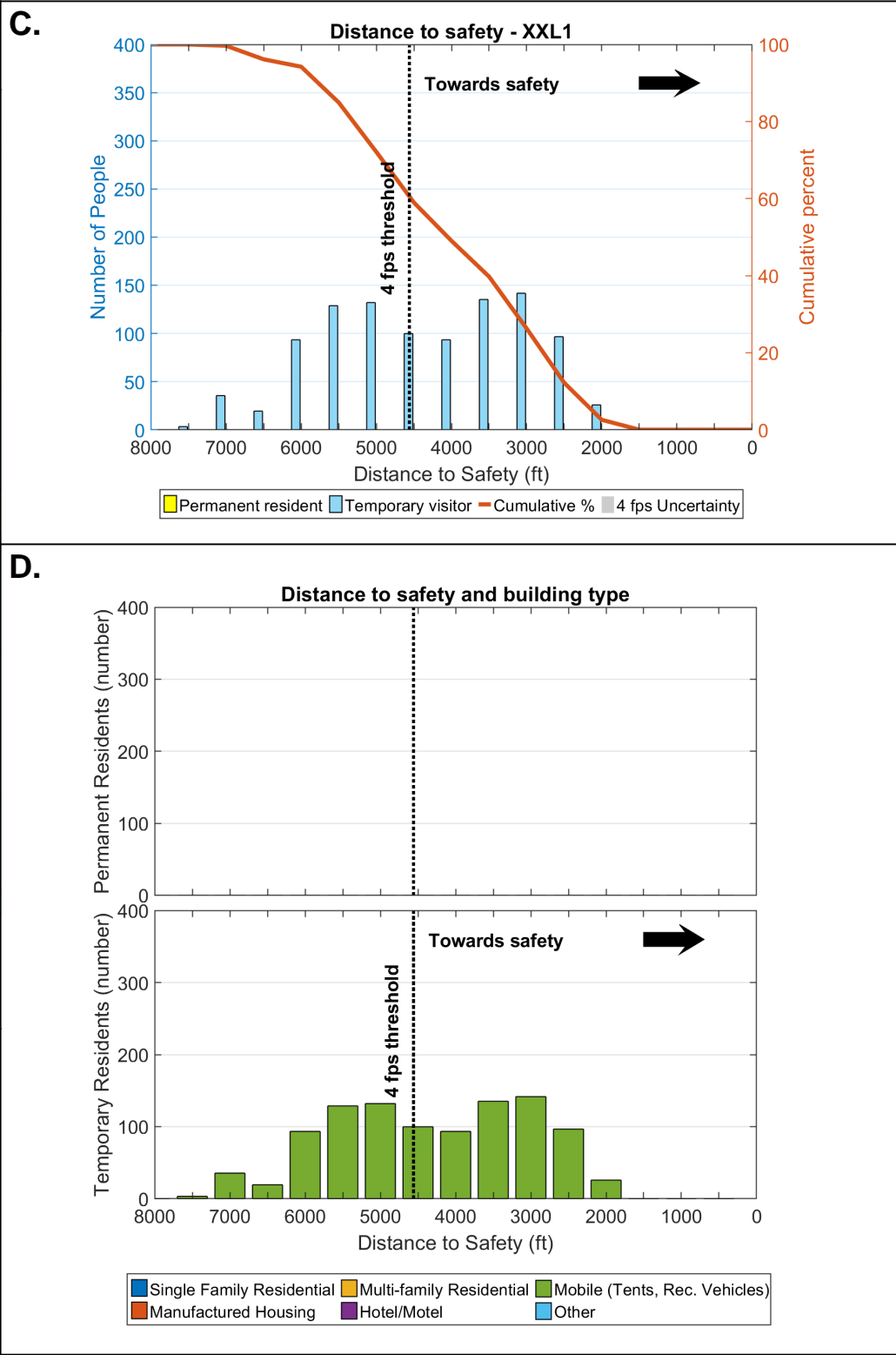
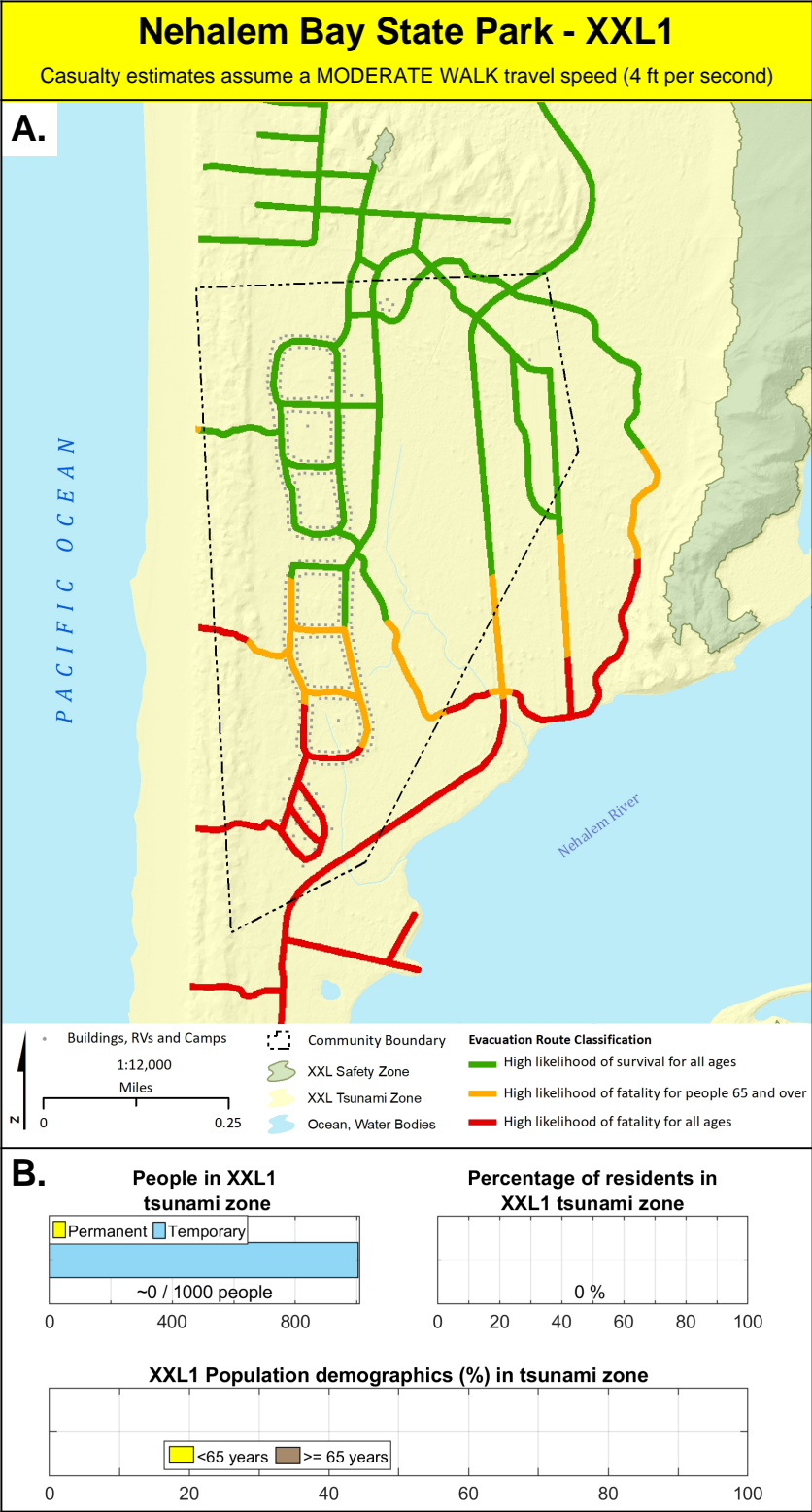


Description	Total
Earthquake Injuries (Entire Community)	92
Tsunami Injuries - Permanent + Temporary	1
Tsunami Fatalities - Permanent	1
Tsunami Fatalities - Temporary @ ~100% occupancy	5
Displaced Population - Permanent	368
Displaced Population - Permanent + Temporary	3,532



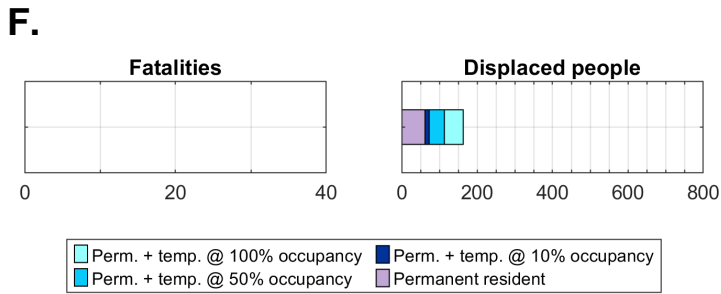
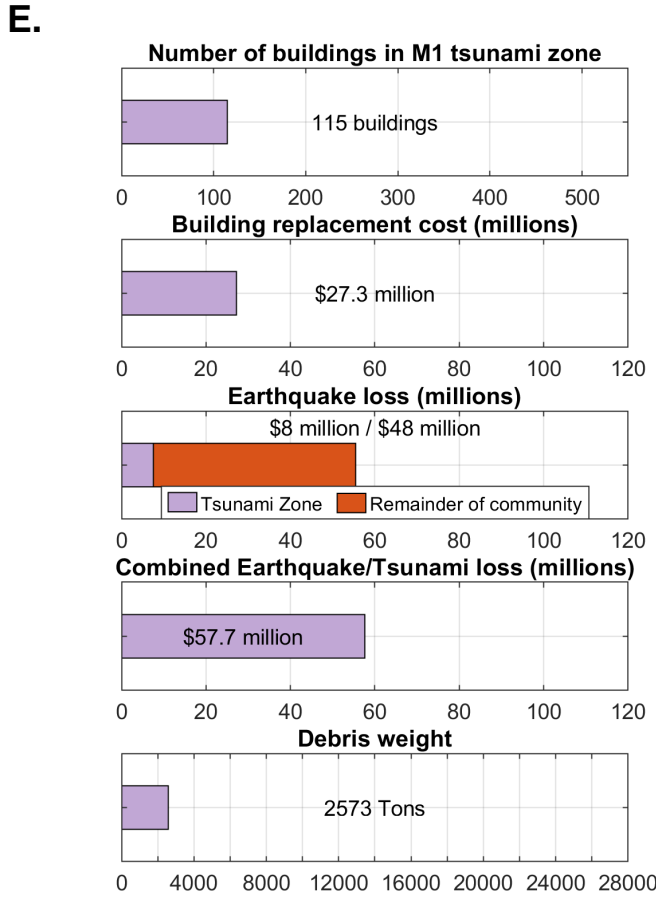
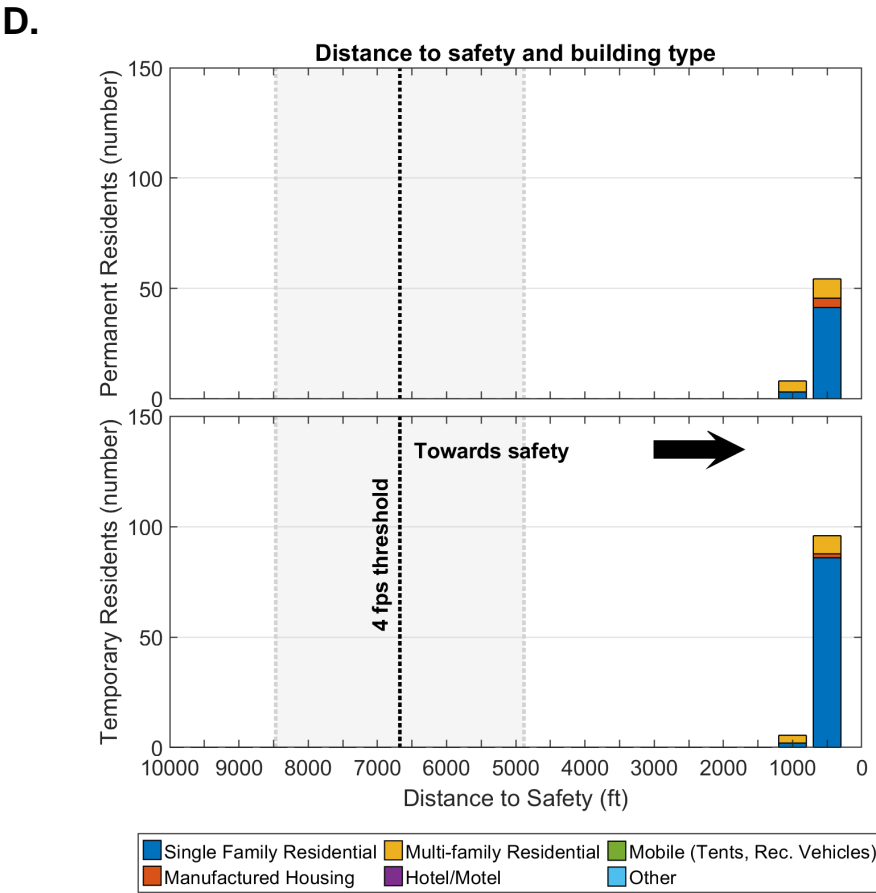
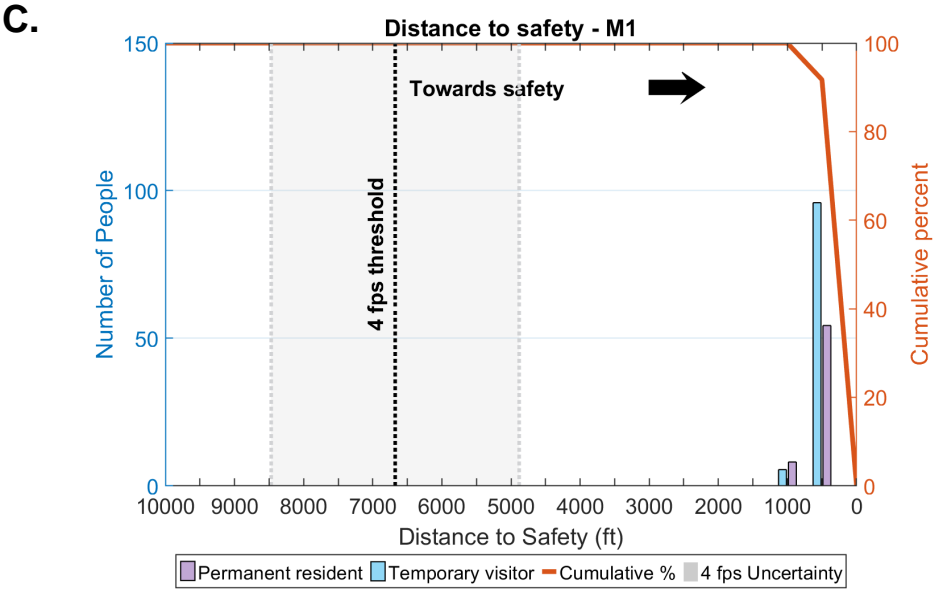
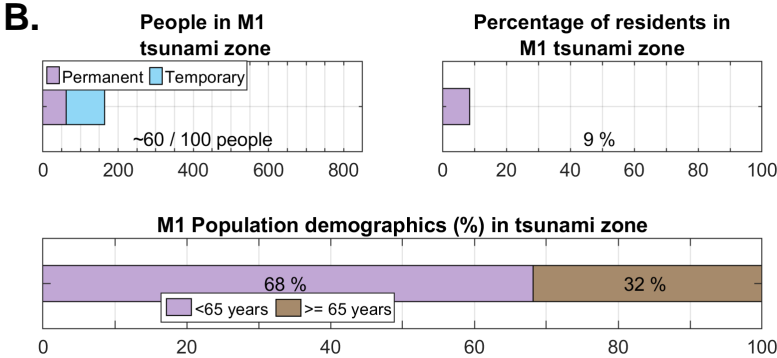
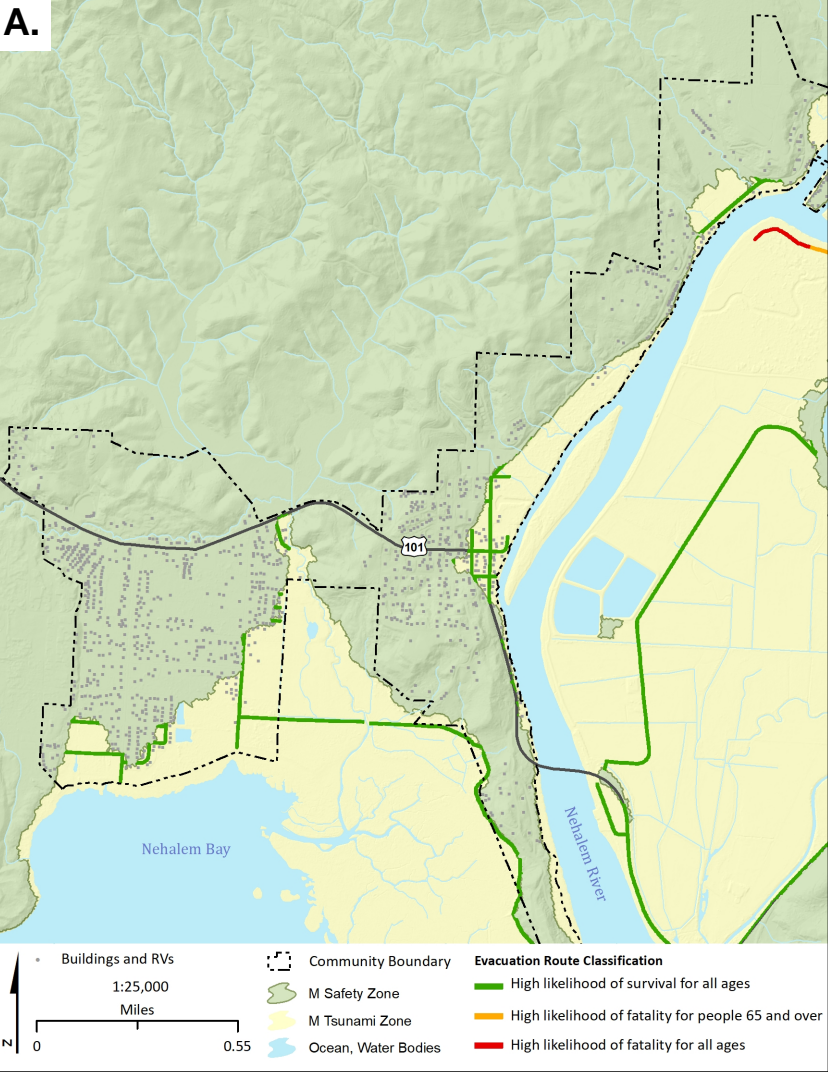




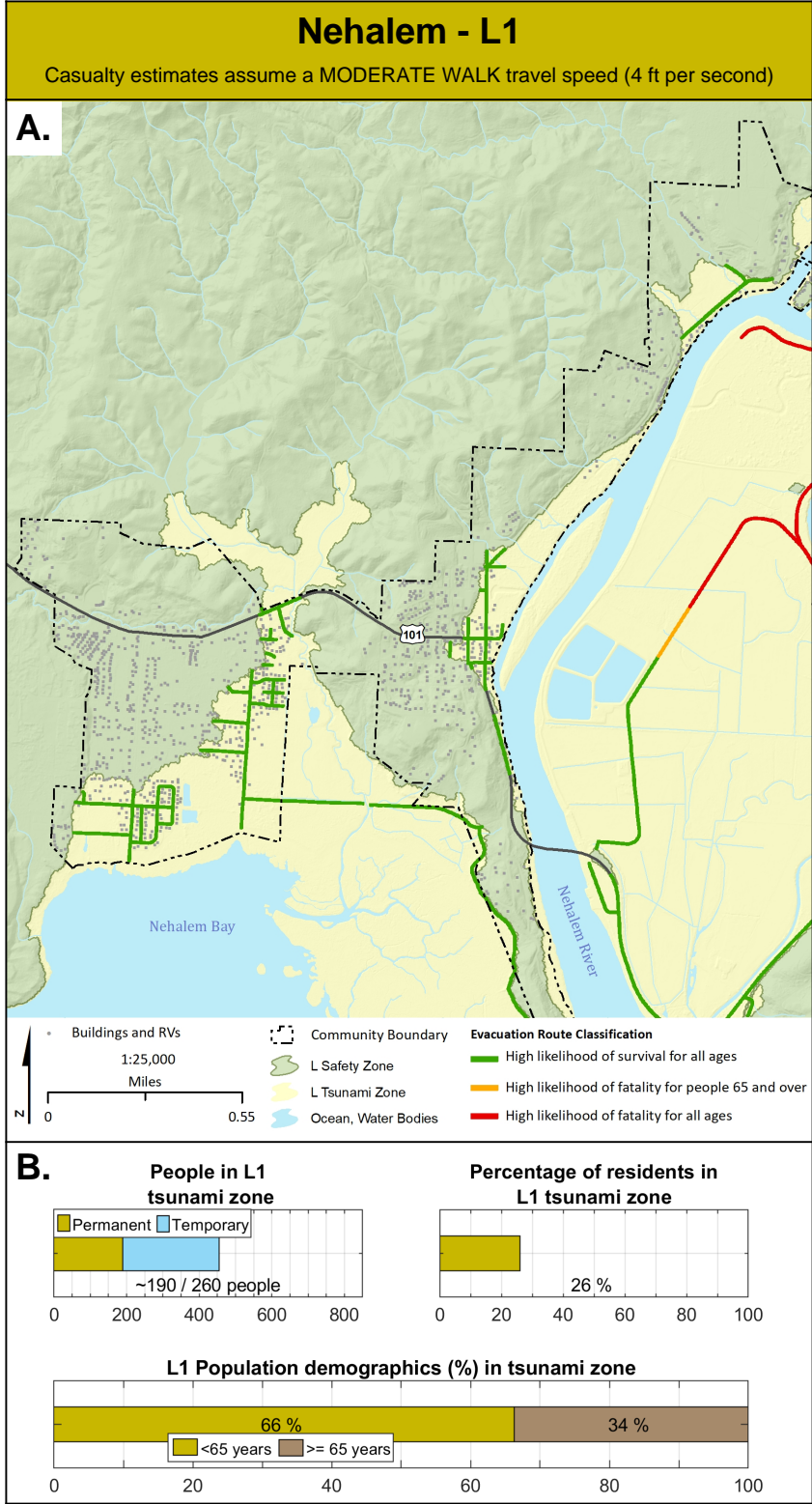


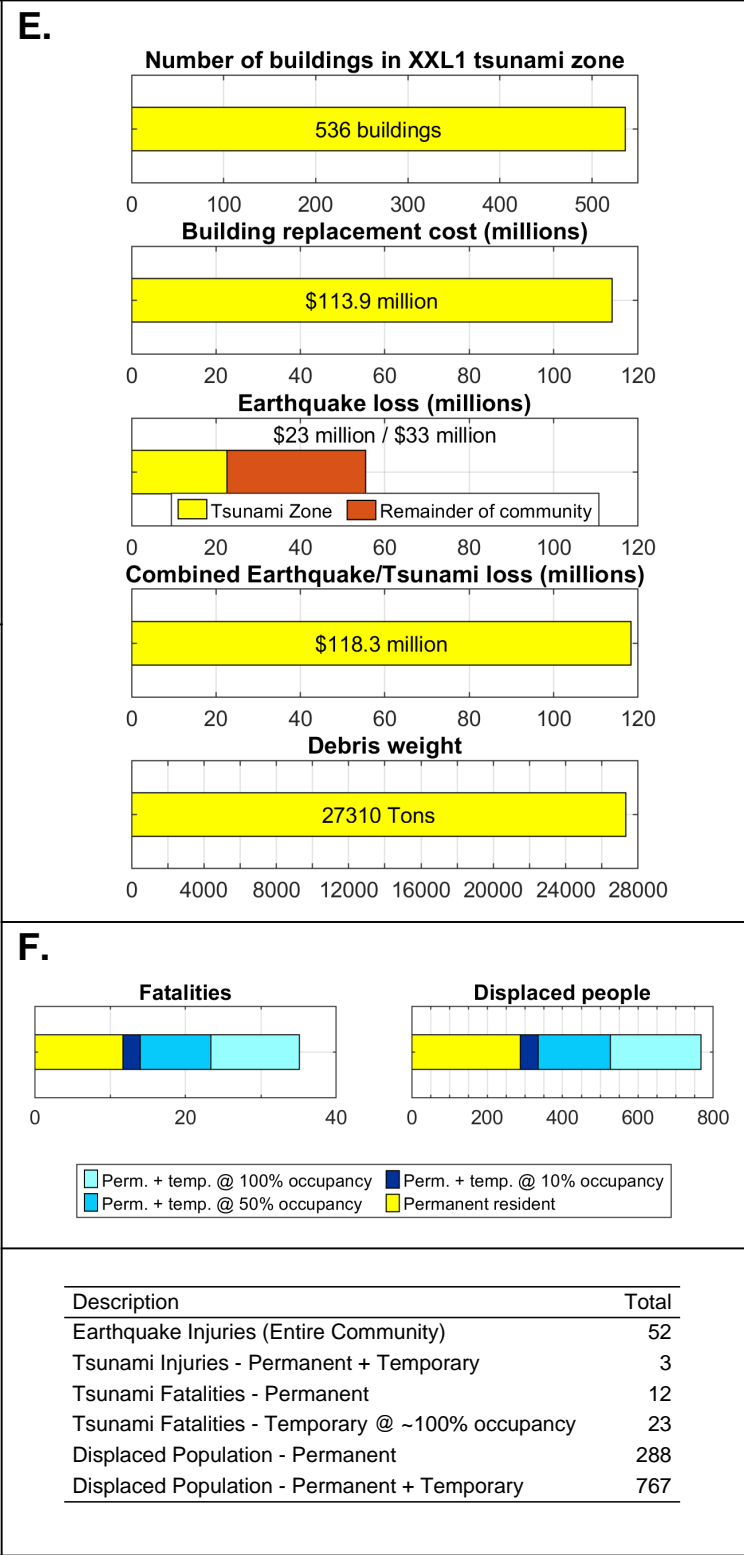
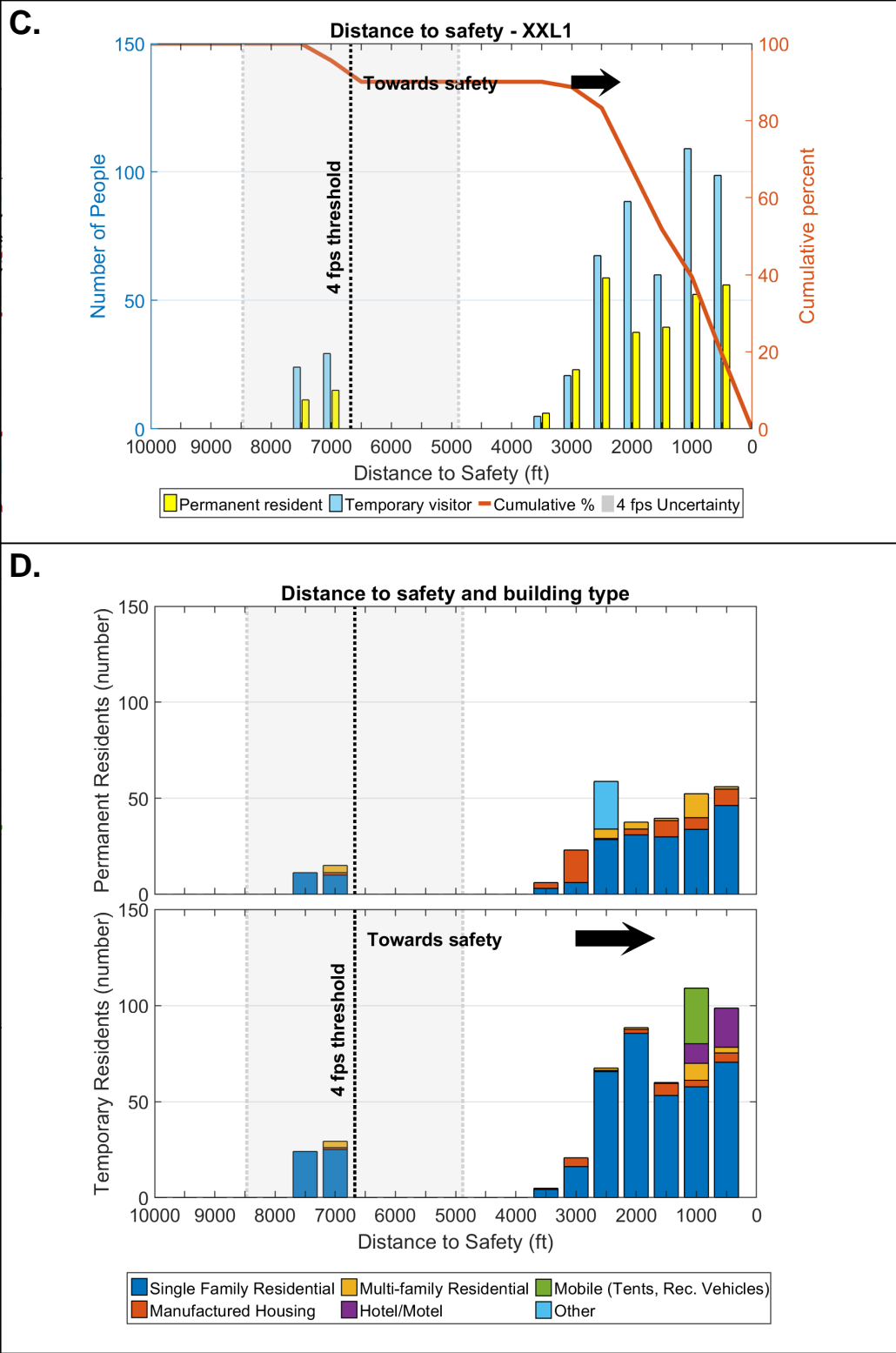
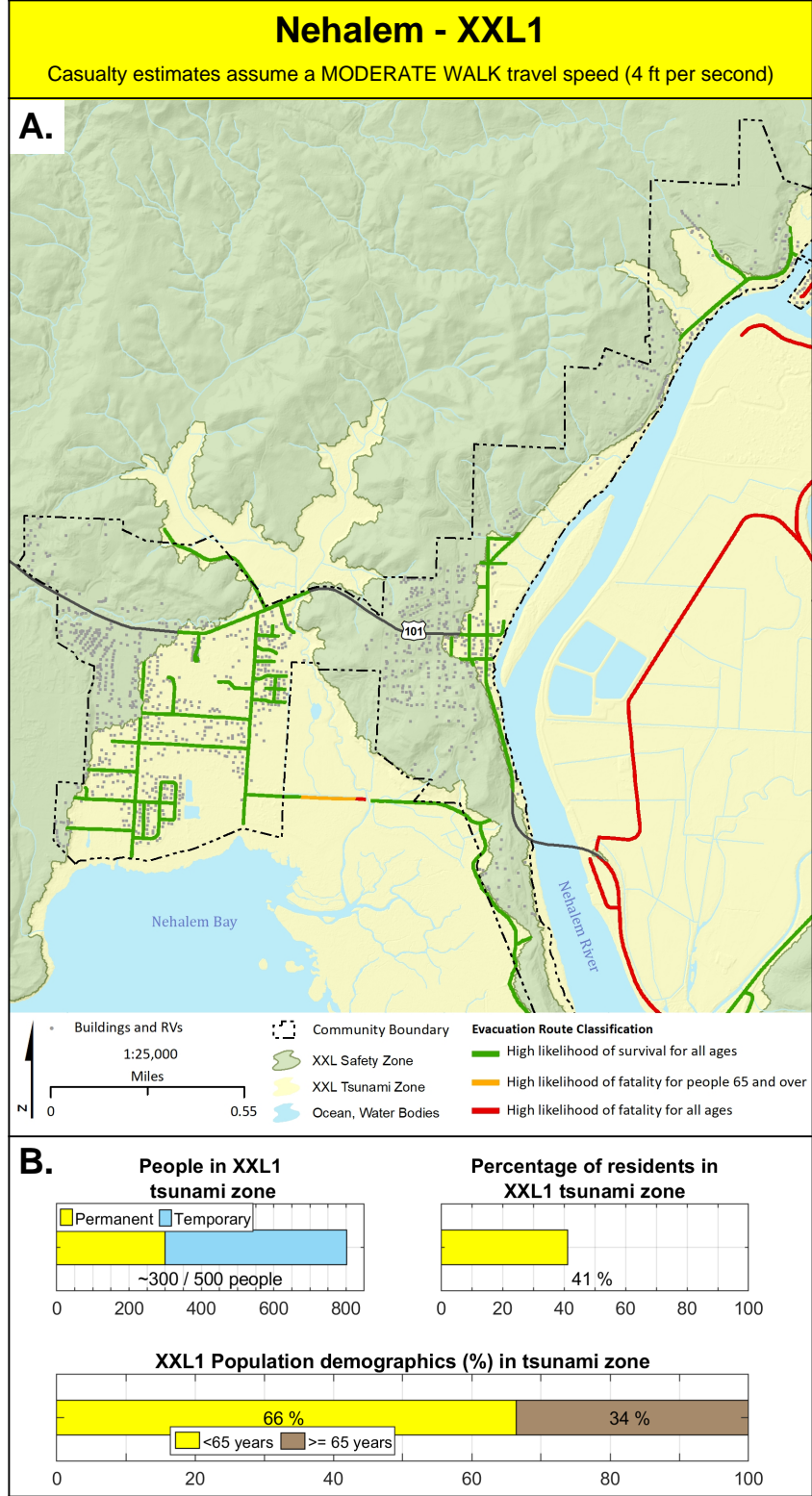
Nehalem - M1

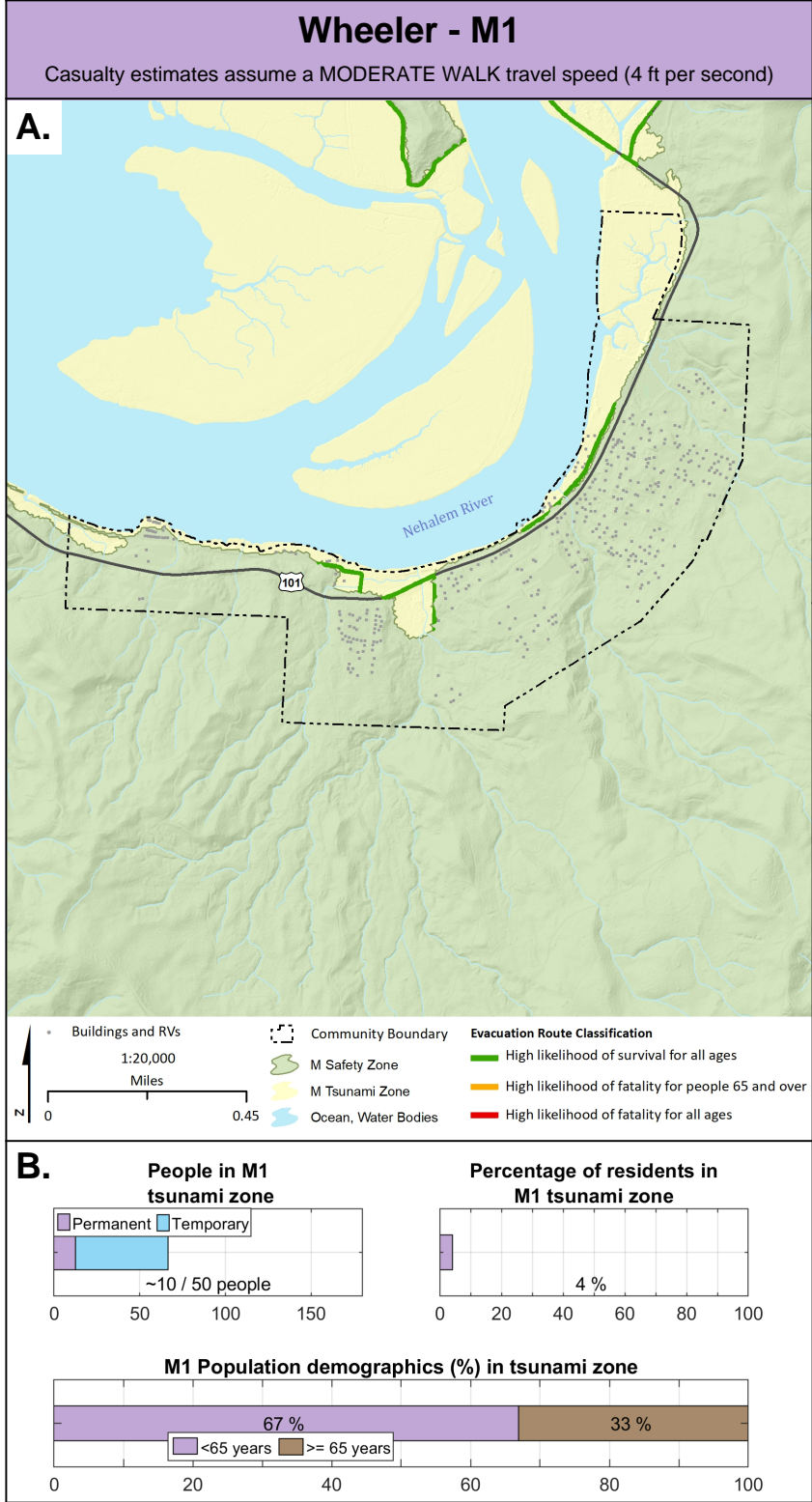
Casualty estimates assume a MODERATE WALK travel speed (4 ft per second)

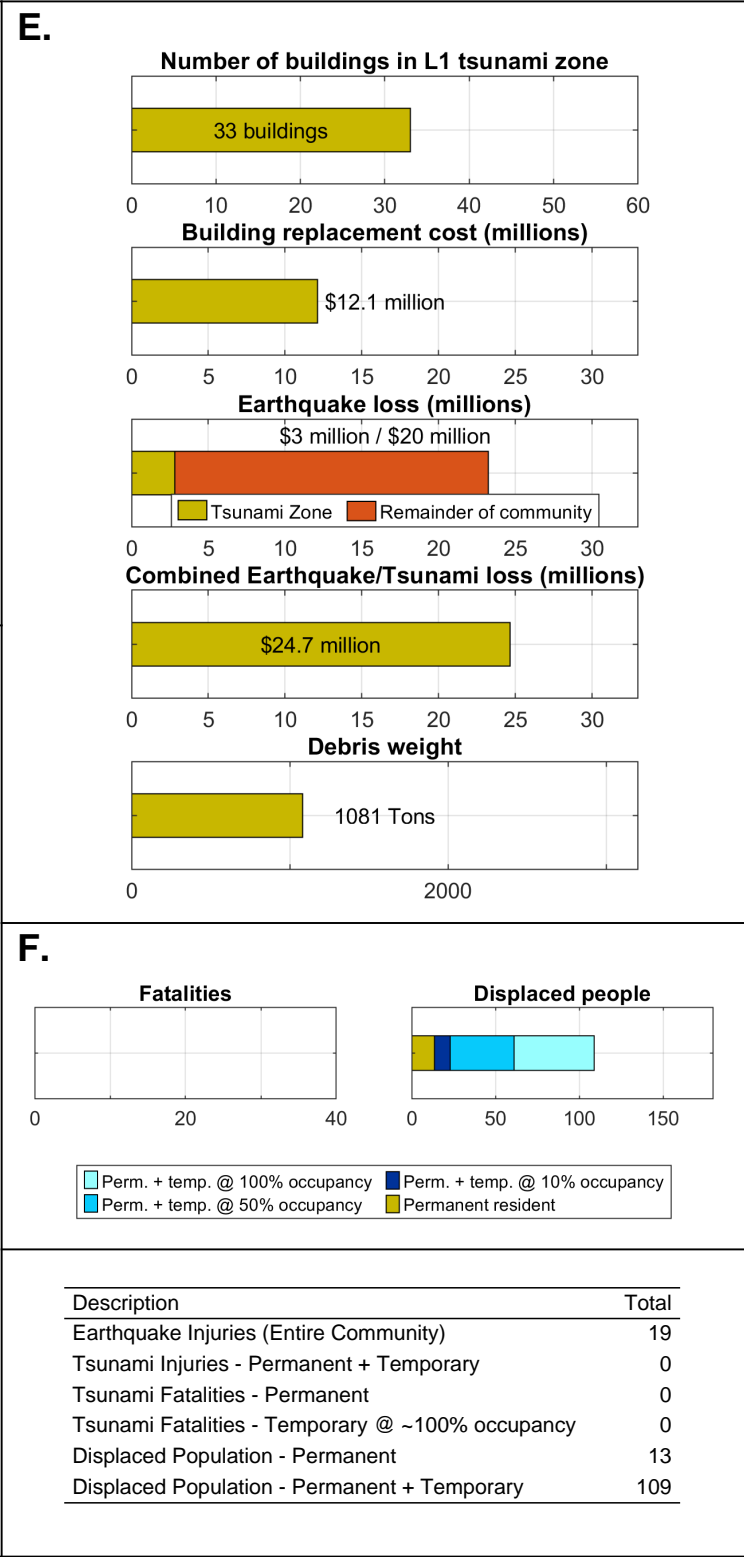
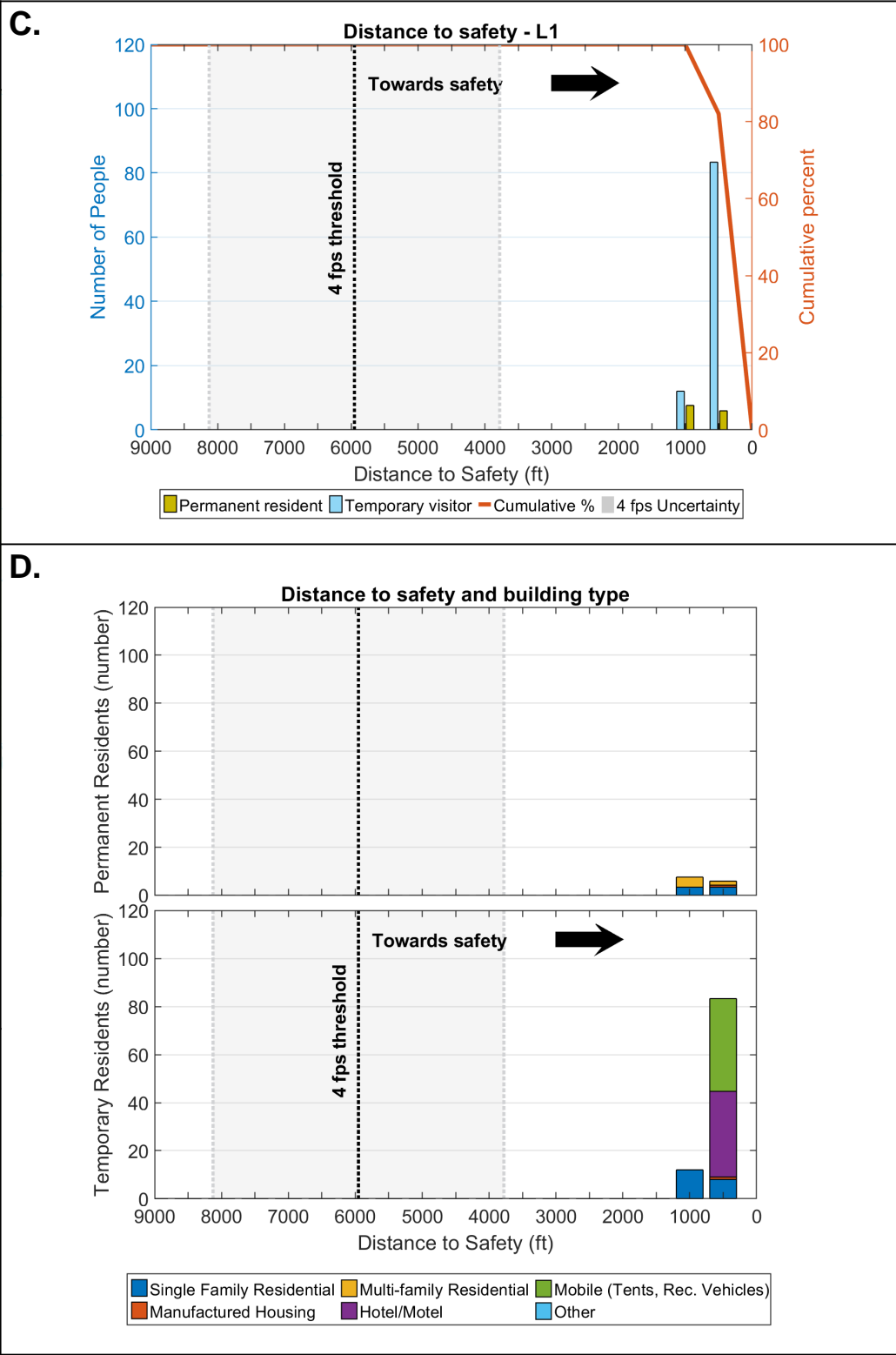
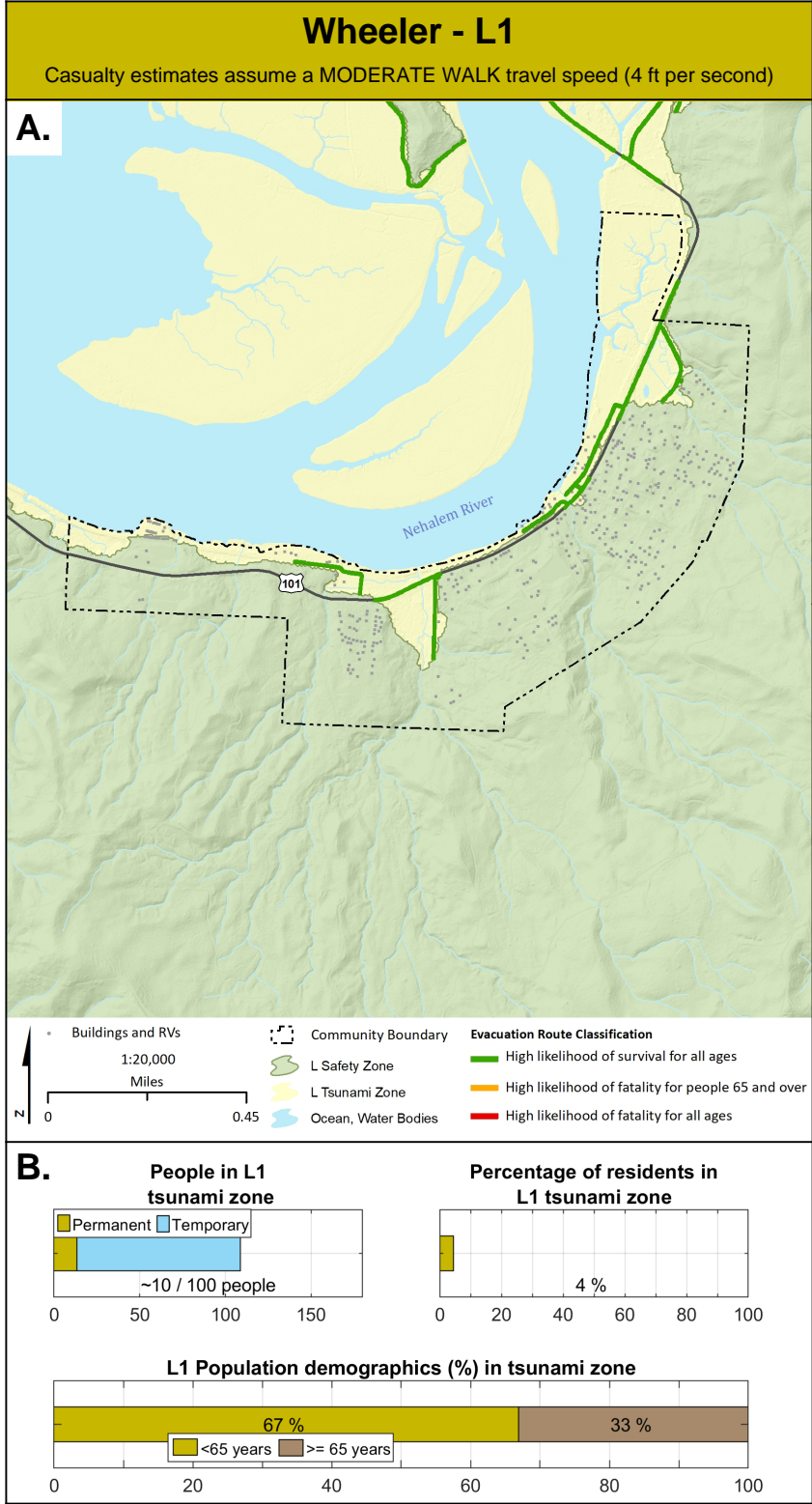


Description	Total
Earthquake Injuries (Entire Community)	52
Tsunami Injuries - Permanent + Temporary	0
Tsunami Fatalities - Permanent	0
Tsunami Fatalities - Temporary @ ~100% occupancy	0
Displaced Population - Permanent	62
Displaced Population - Permanent + Temporary	164





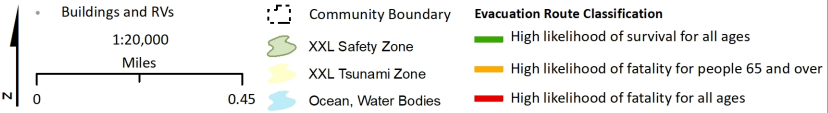
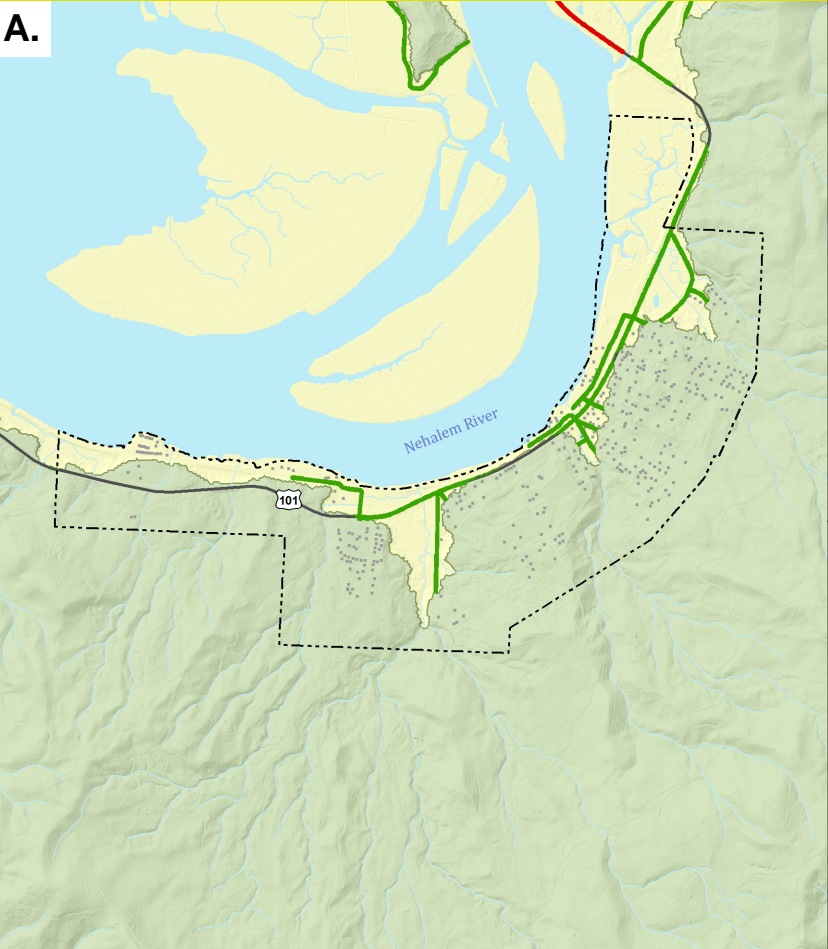




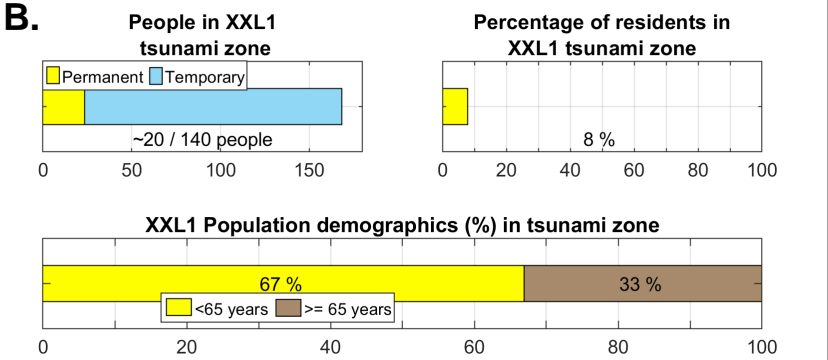
Wheeler - XXL1

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

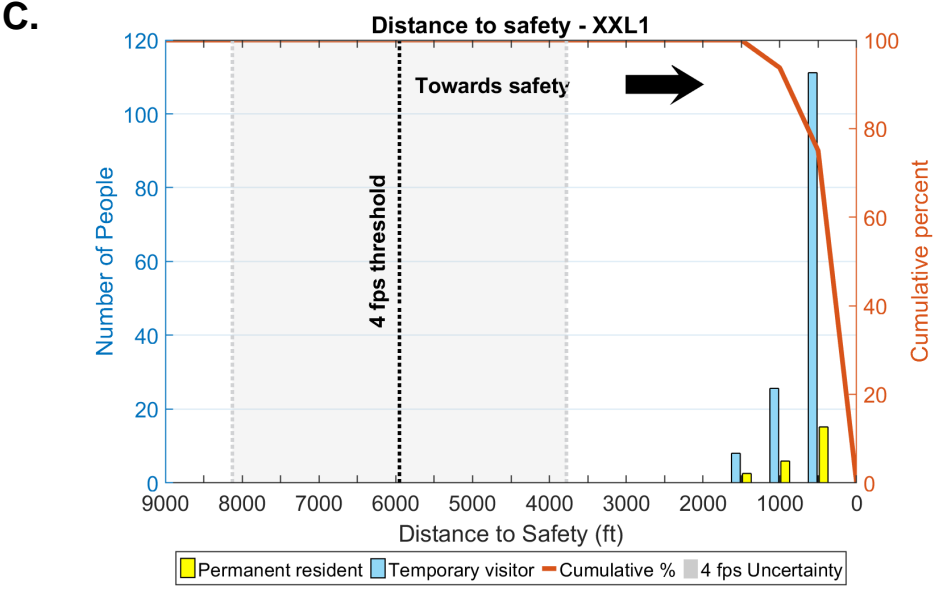
A.



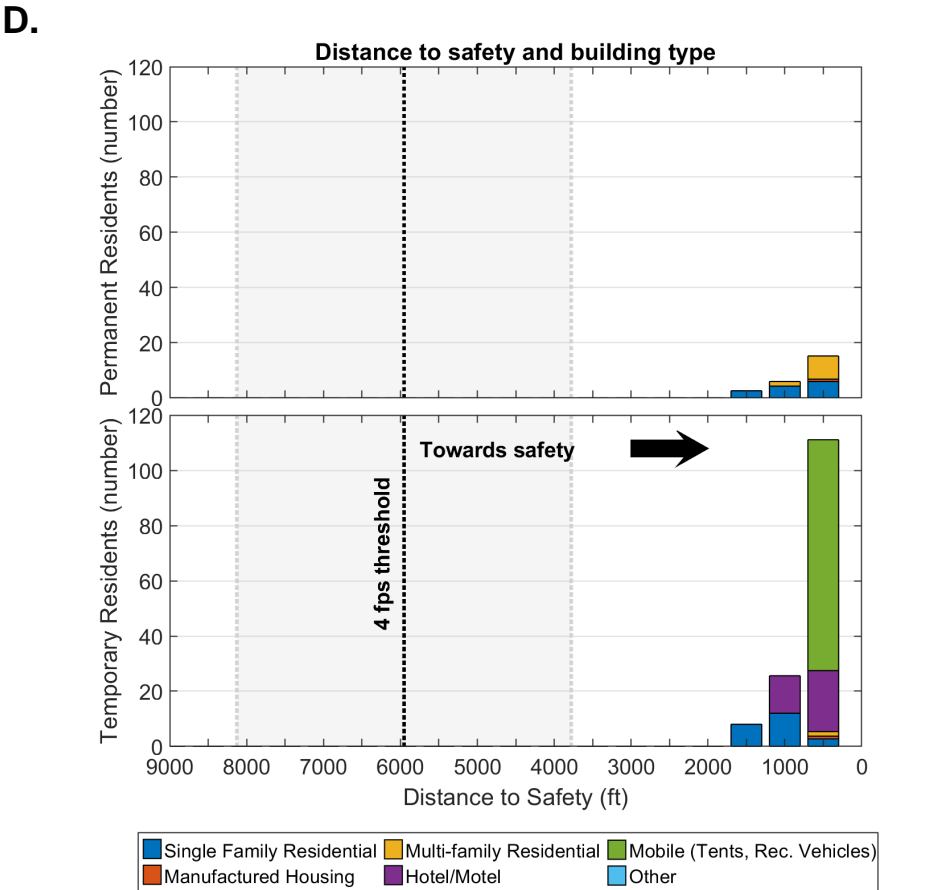
B.



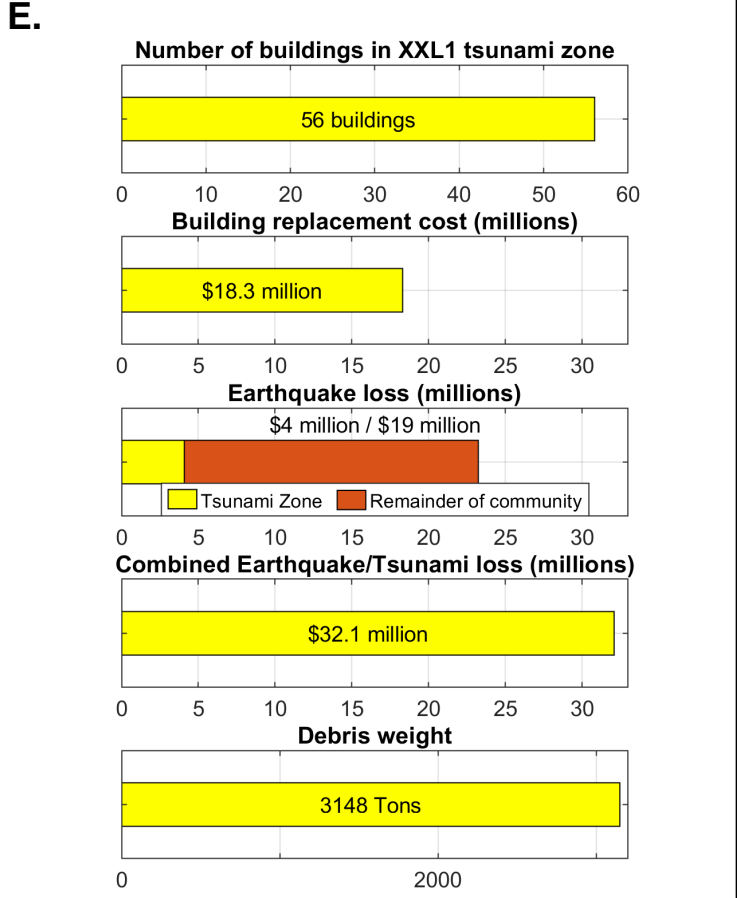
C.



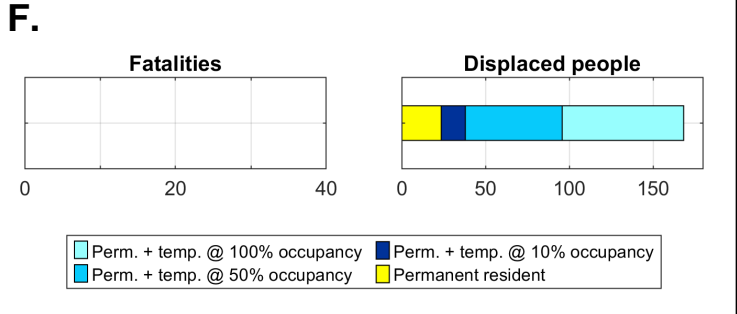
D.



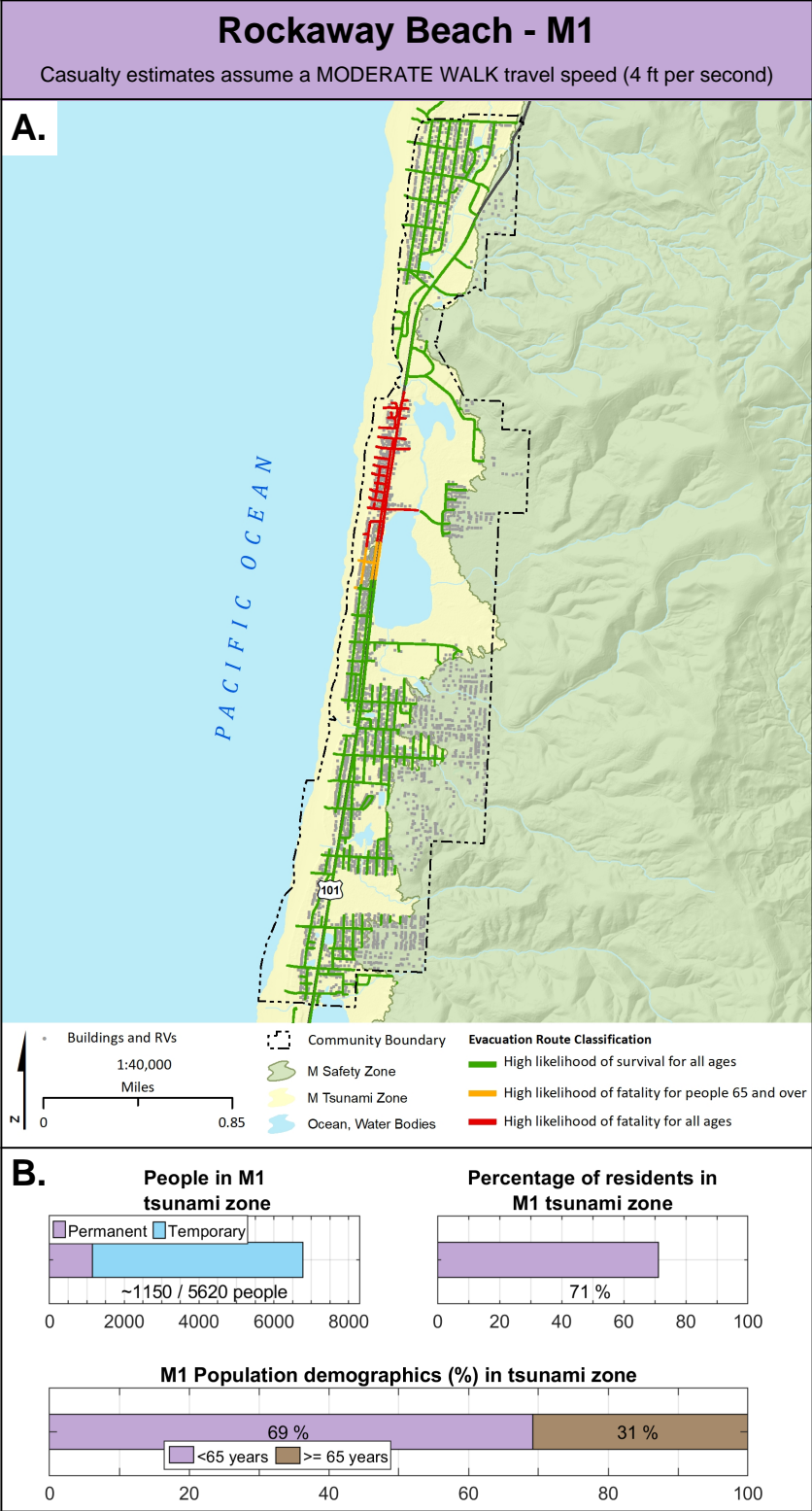
E.

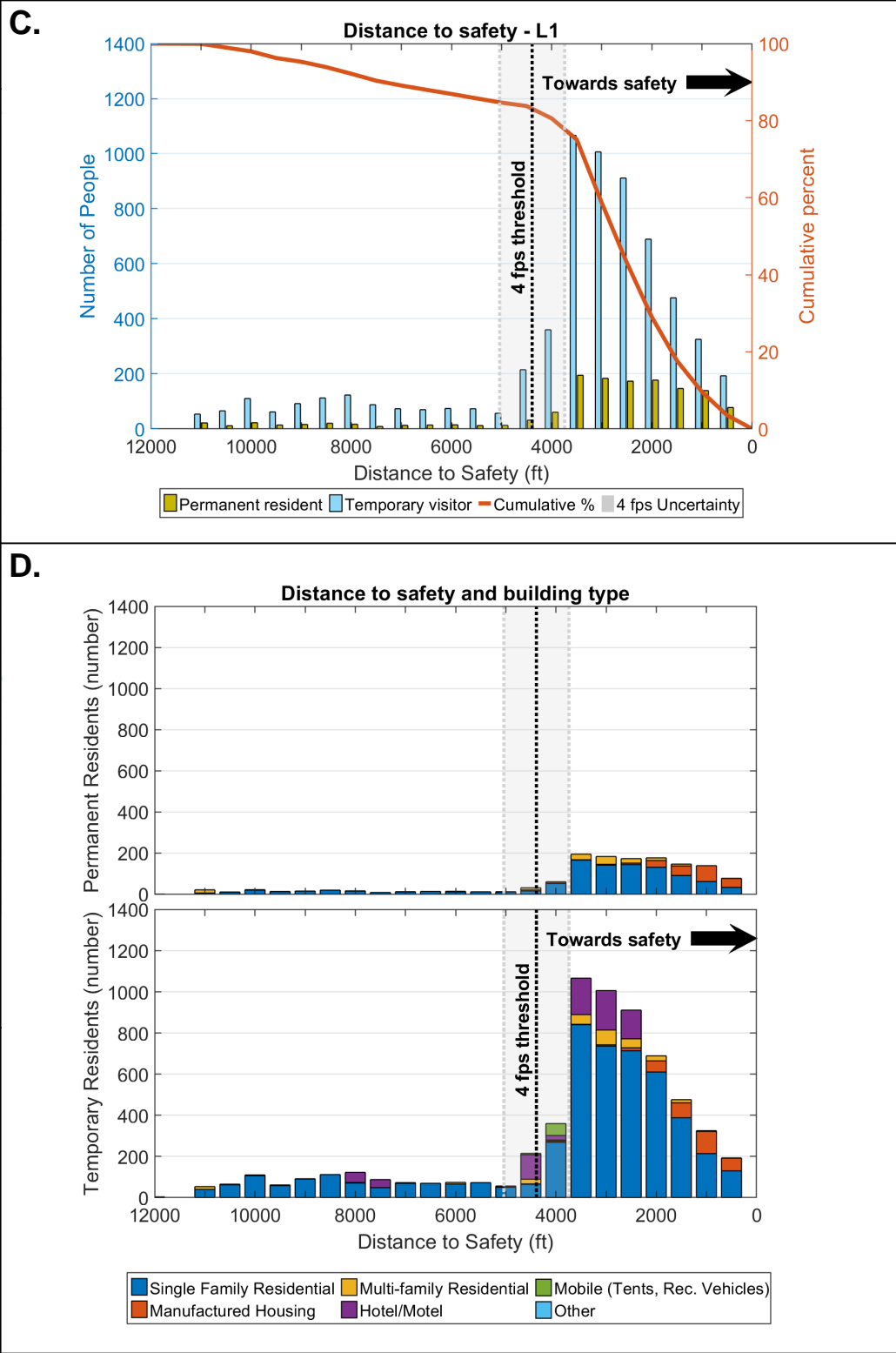
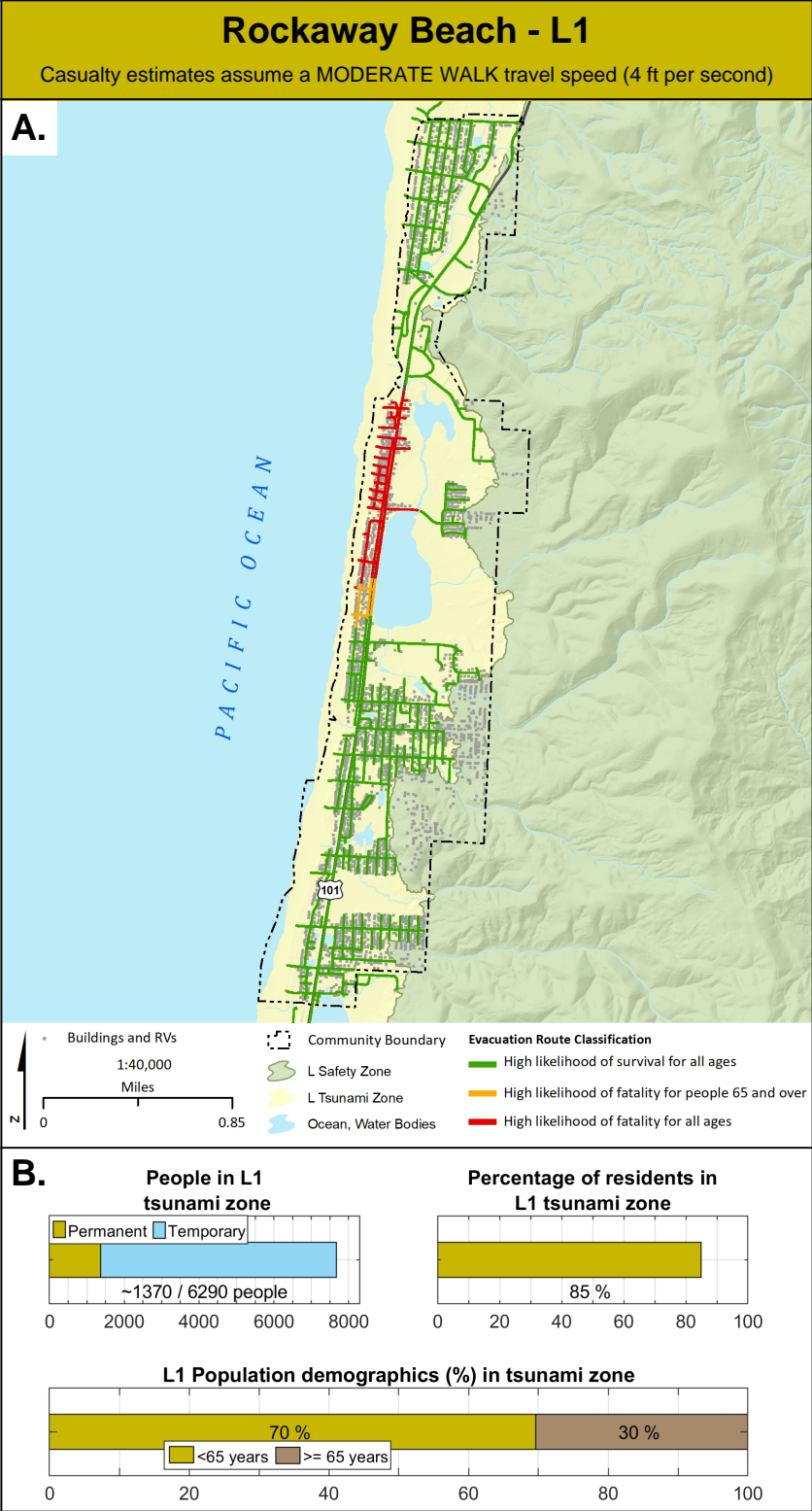


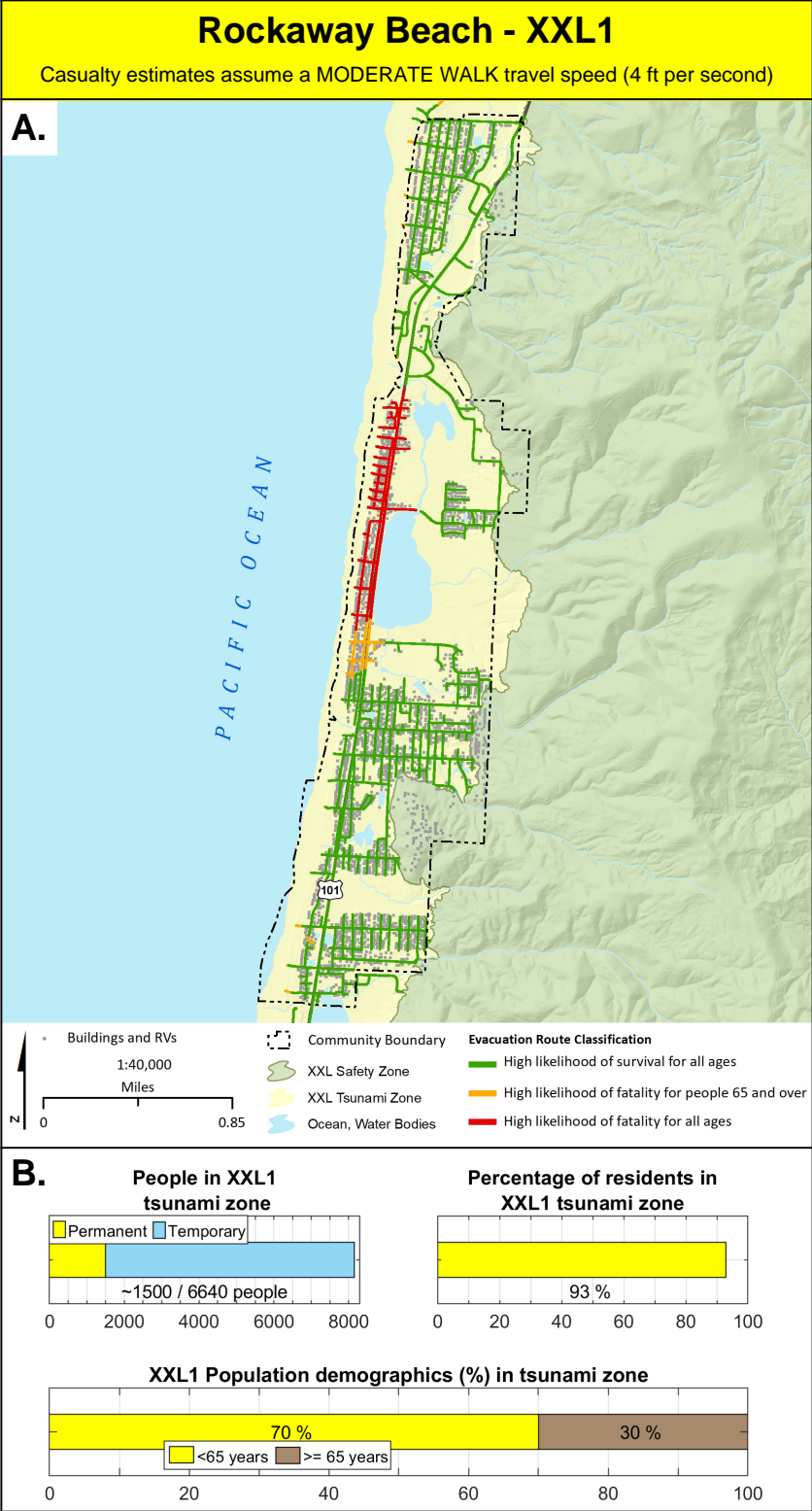
F.

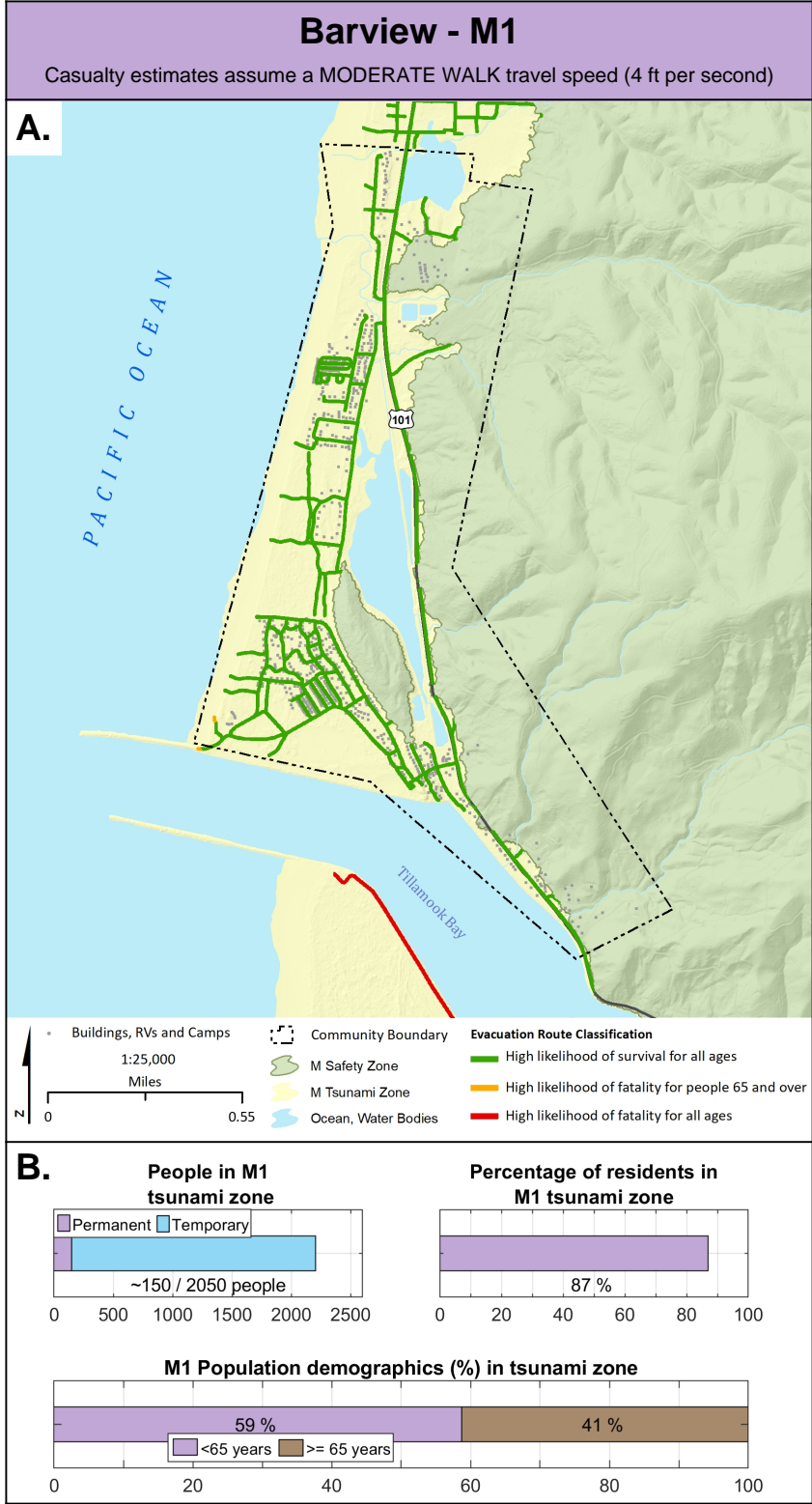


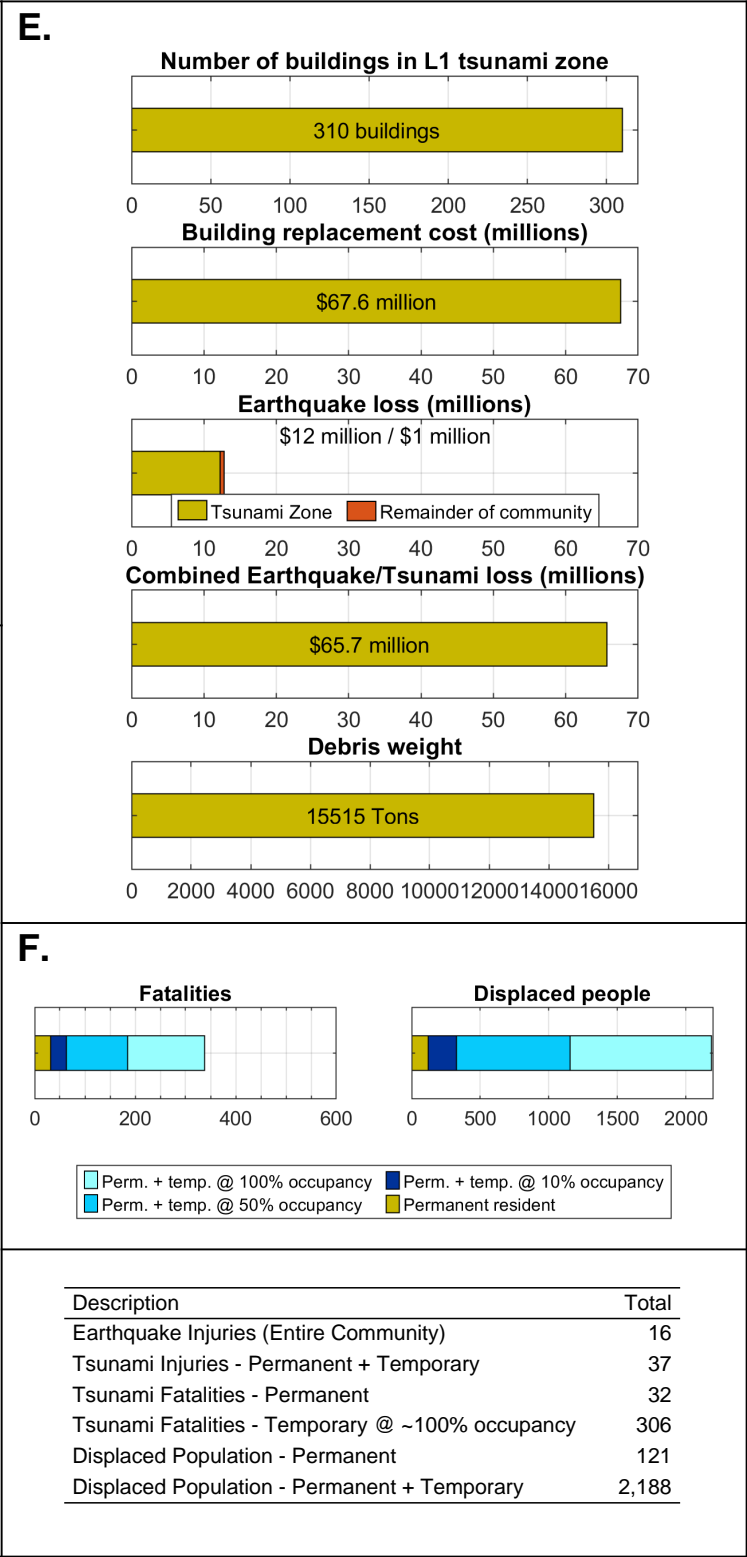
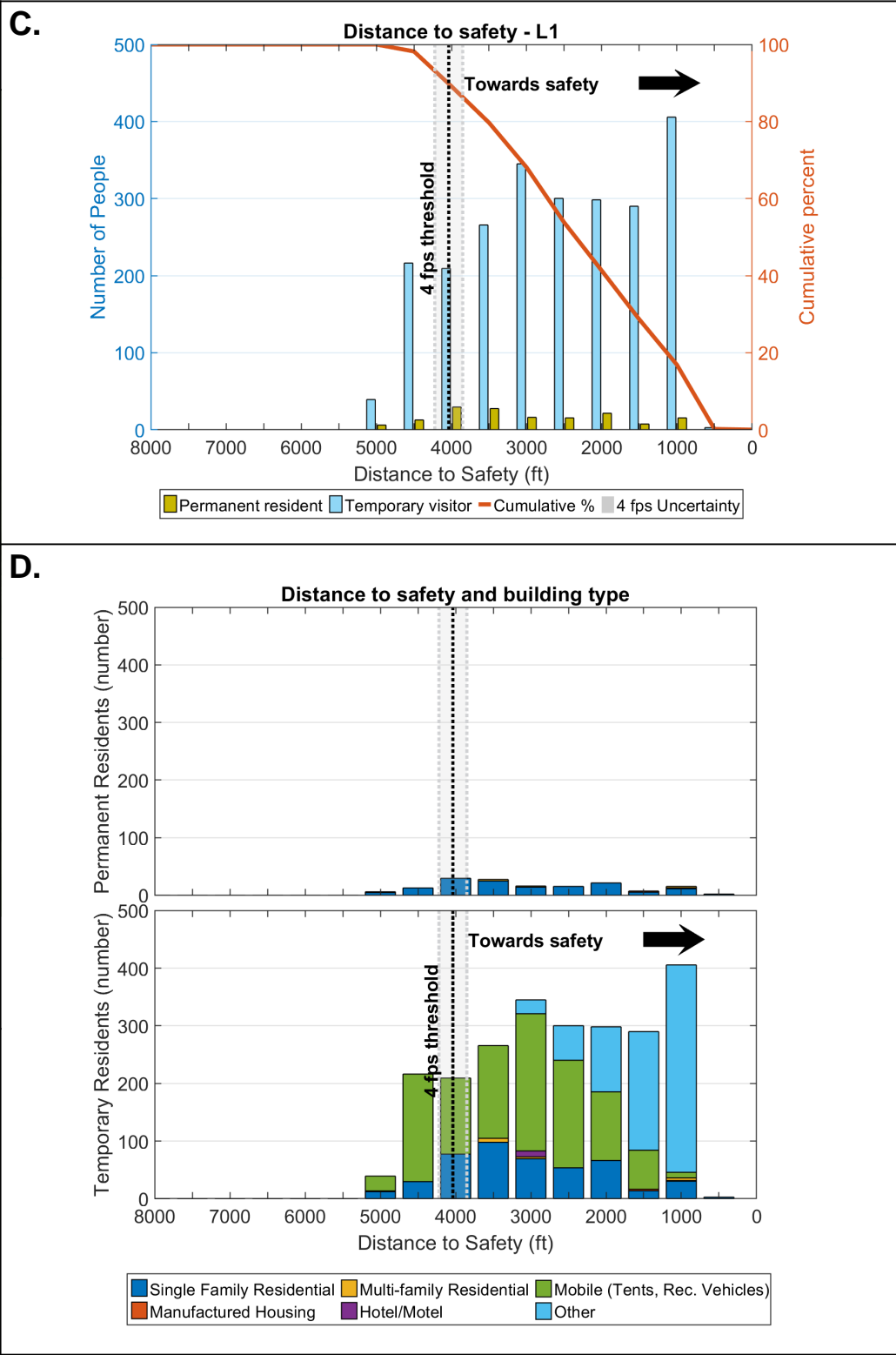
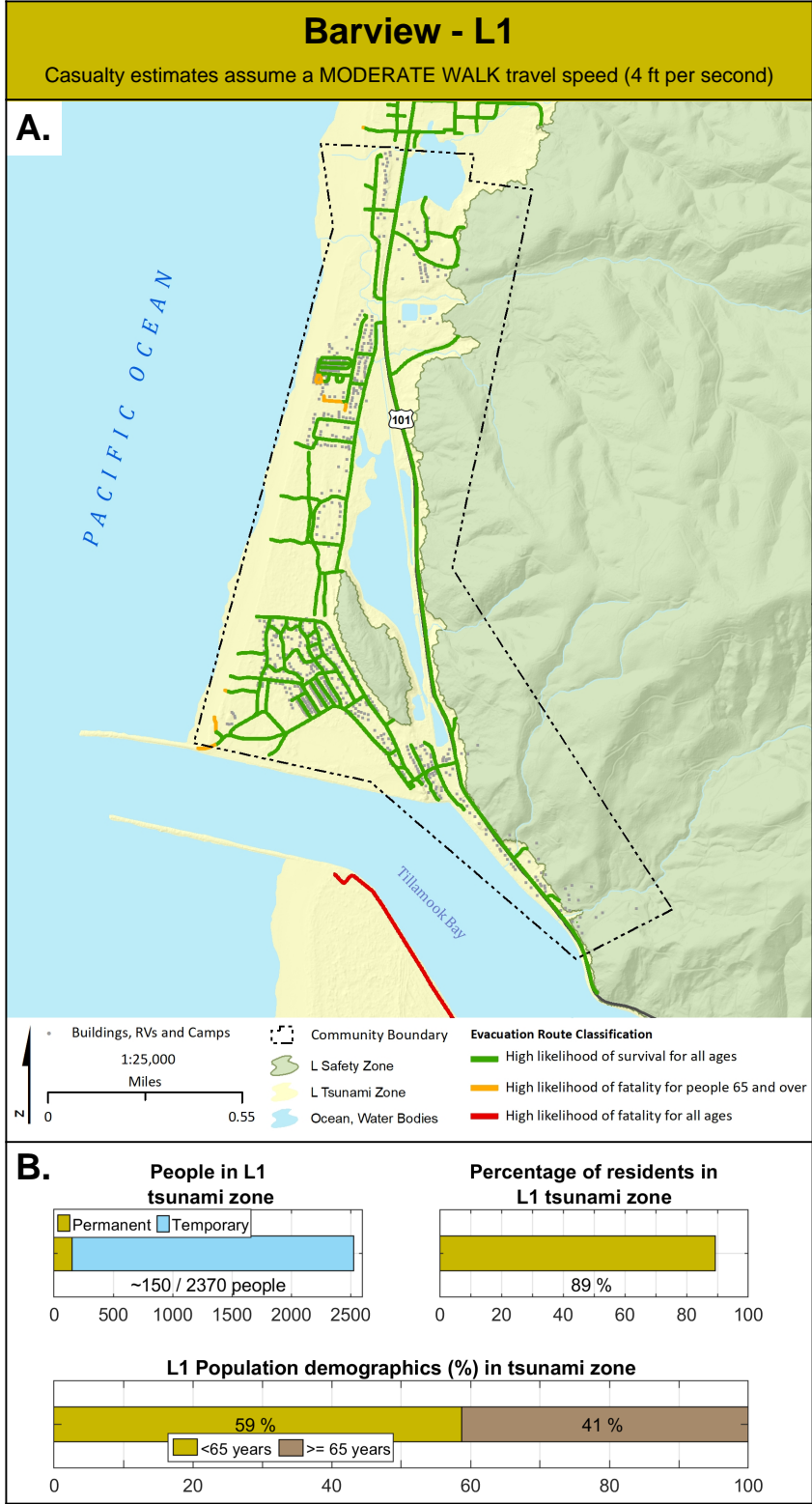
Description	Total
Earthquake Injuries (Entire Community)	19
Tsunami Injuries - Permanent + Temporary	0
Tsunami Fatalities - Permanent	0
Tsunami Fatalities - Temporary @ ~100% occupancy	0
Displaced Population - Permanent	24
Displaced Population - Permanent + Temporary	168







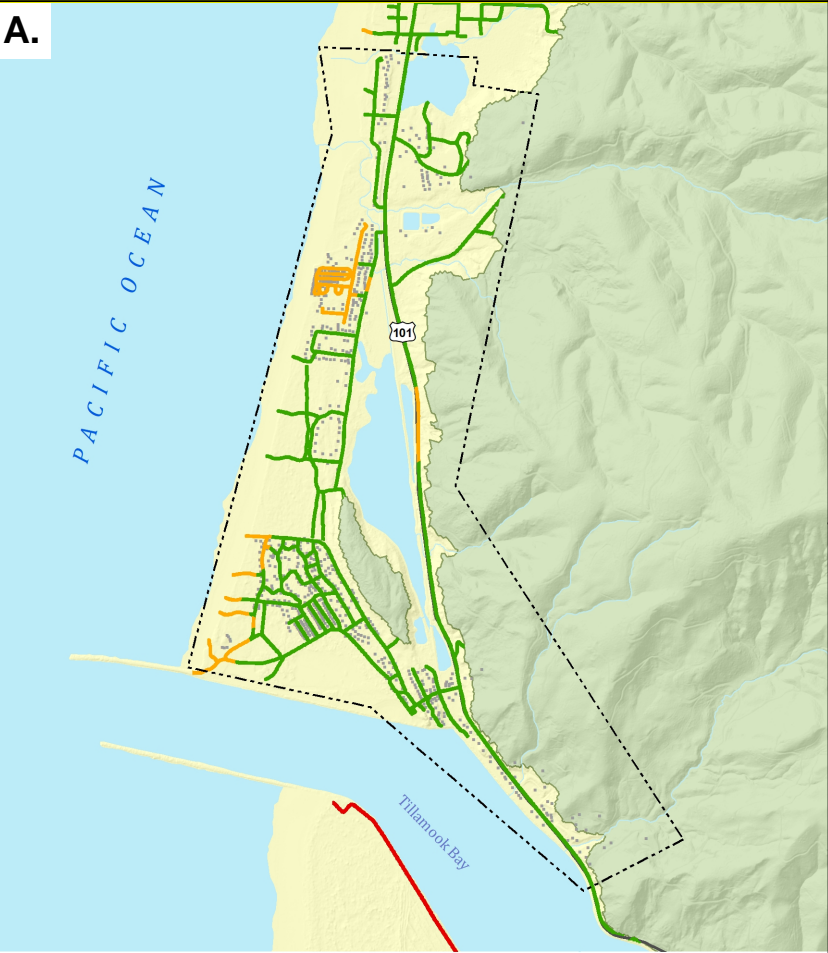




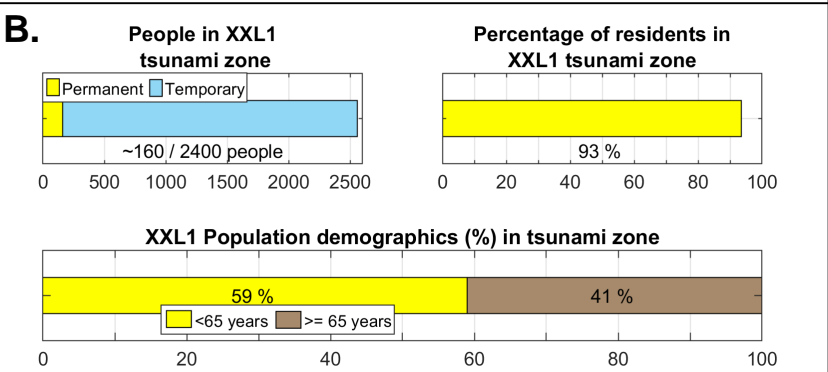
Barview - XXL1

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

A.



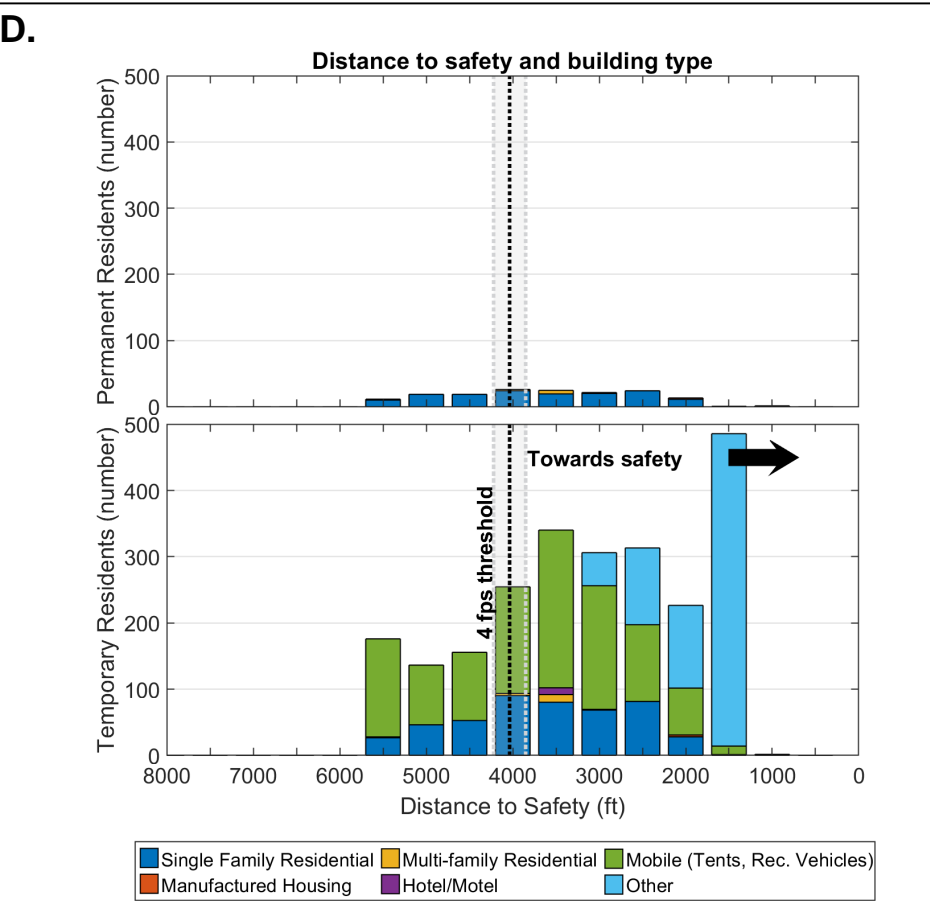
B.



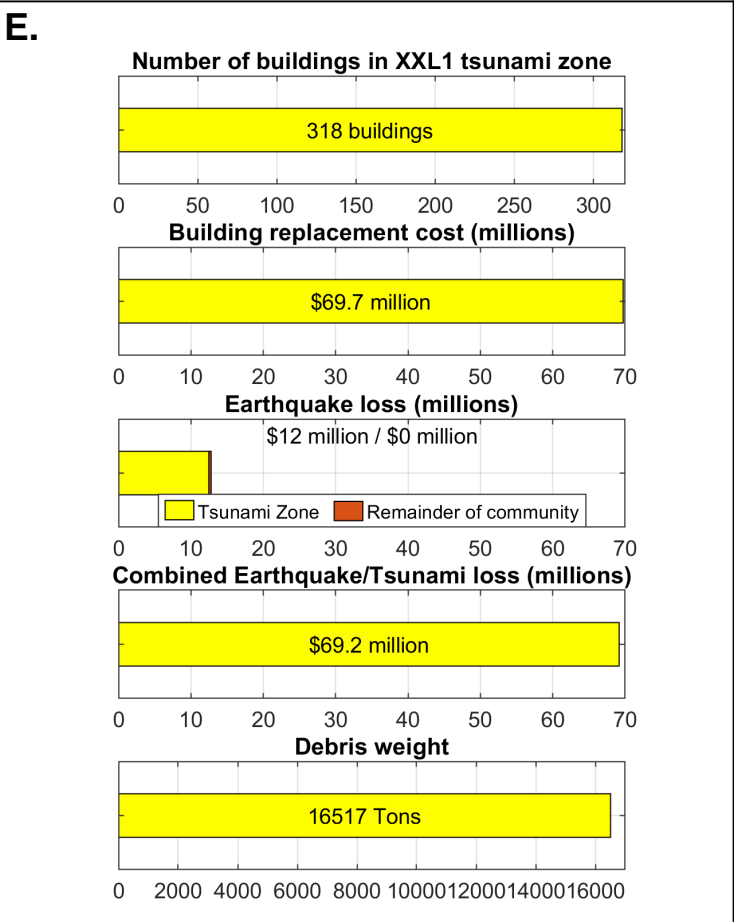
C.



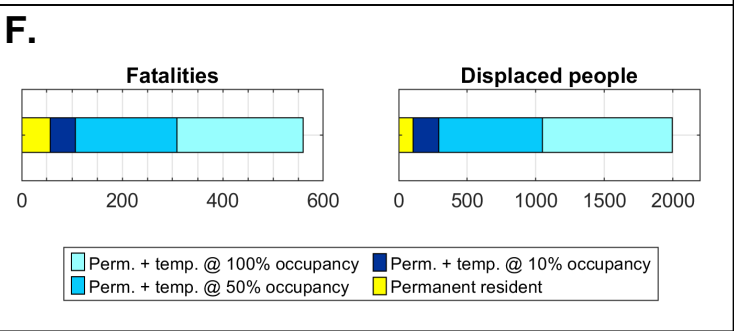
D.



E.



F.

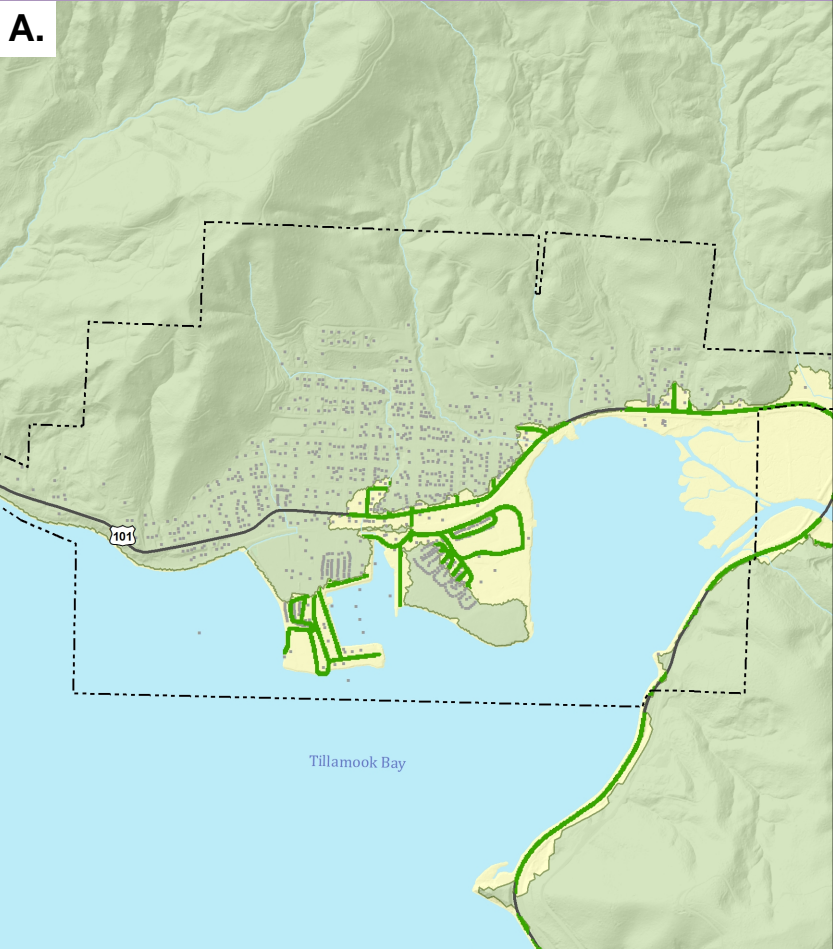


Description	Total
Earthquake Injuries (Entire Community)	16
Tsunami Injuries - Permanent + Temporary	50
Tsunami Fatalities - Permanent	57
Tsunami Fatalities - Temporary @ ~100% occupancy	503
Displaced Population - Permanent	104
Displaced Population - Permanent + Temporary	1,997

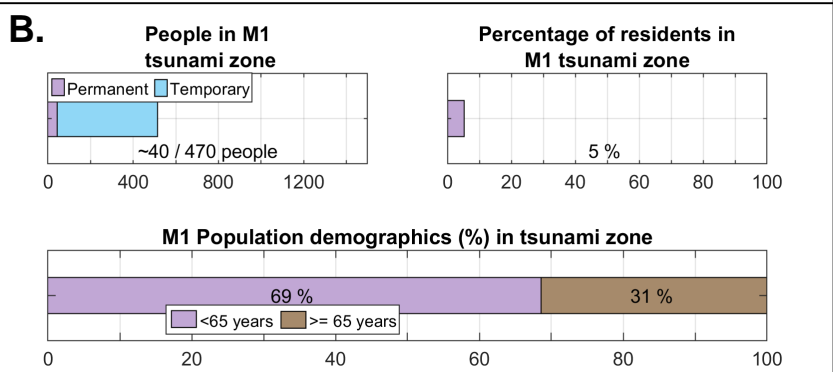
Garibaldi - M1

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

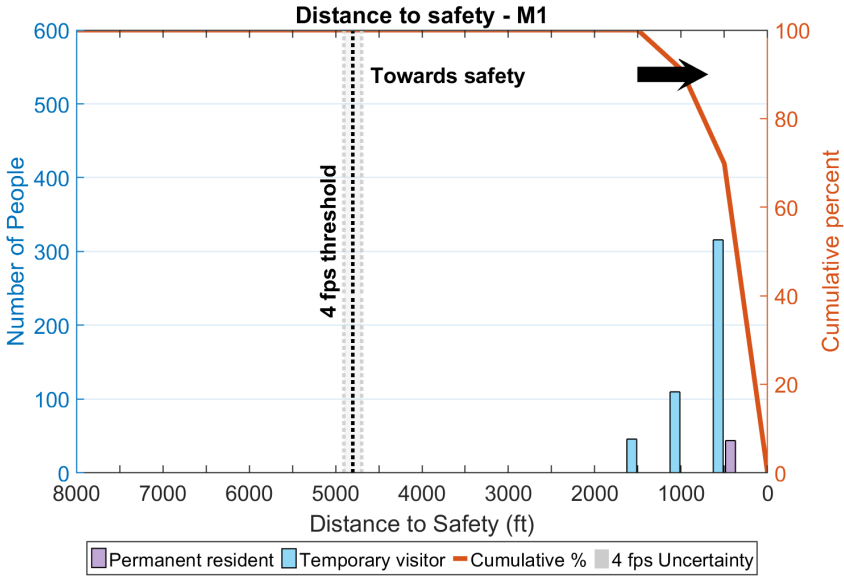
A.



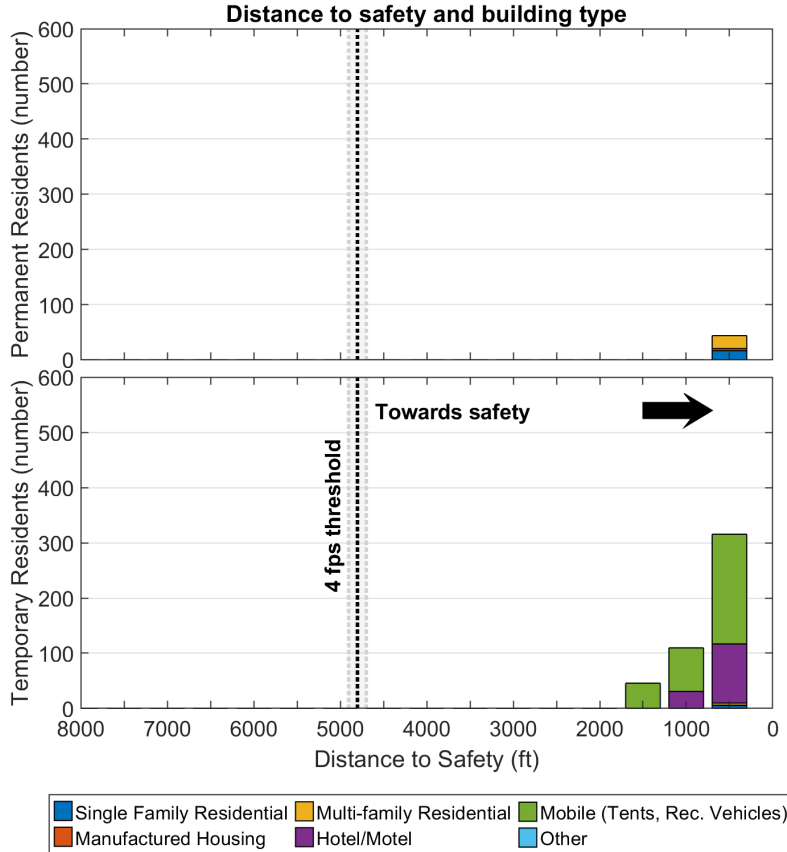
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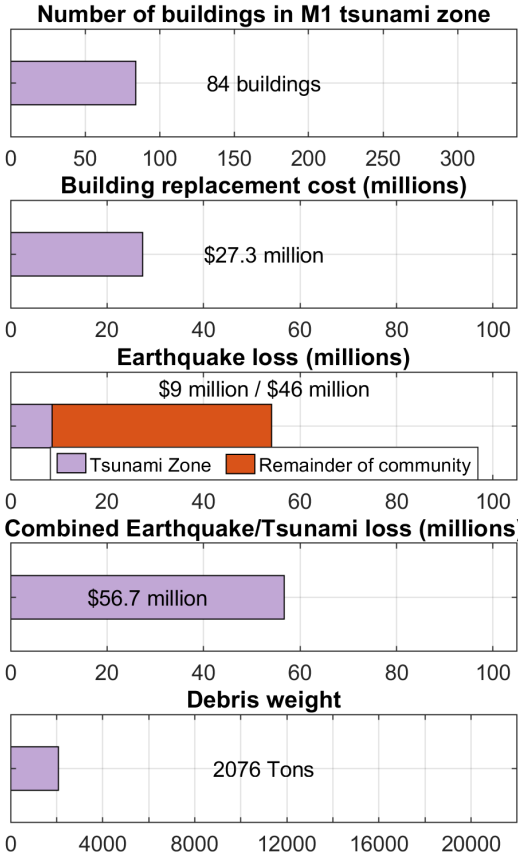
C.



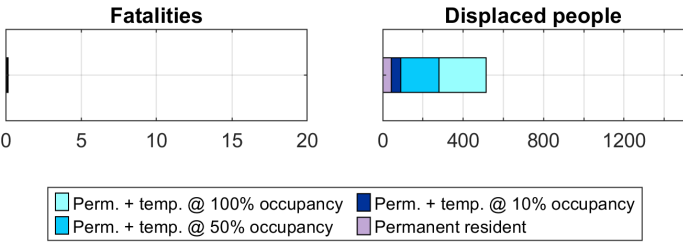
D.



E.



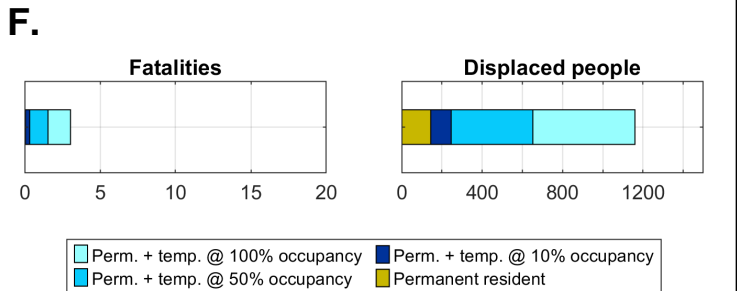
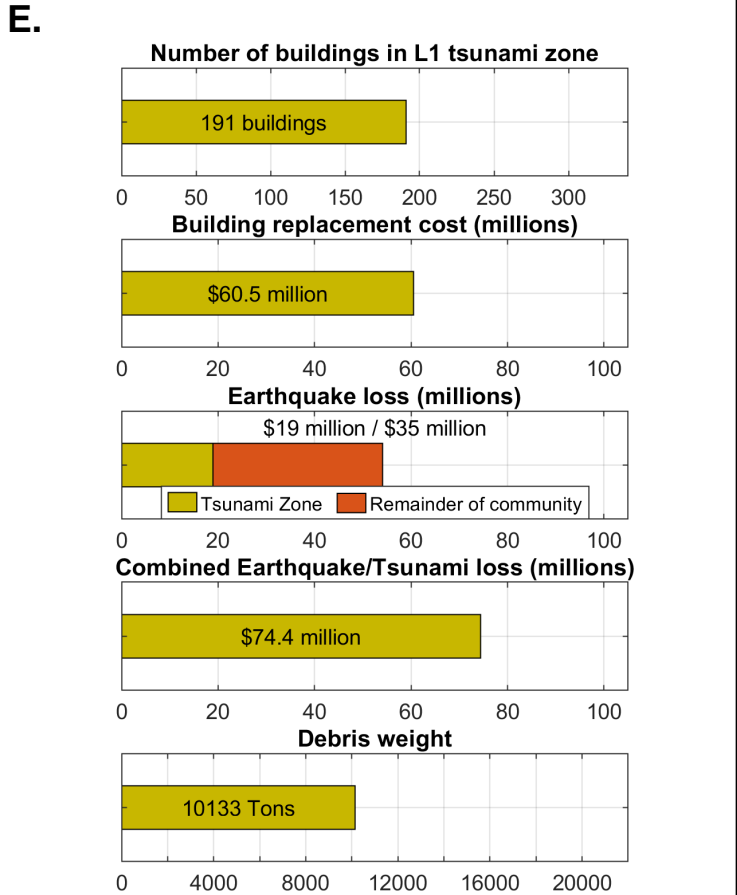
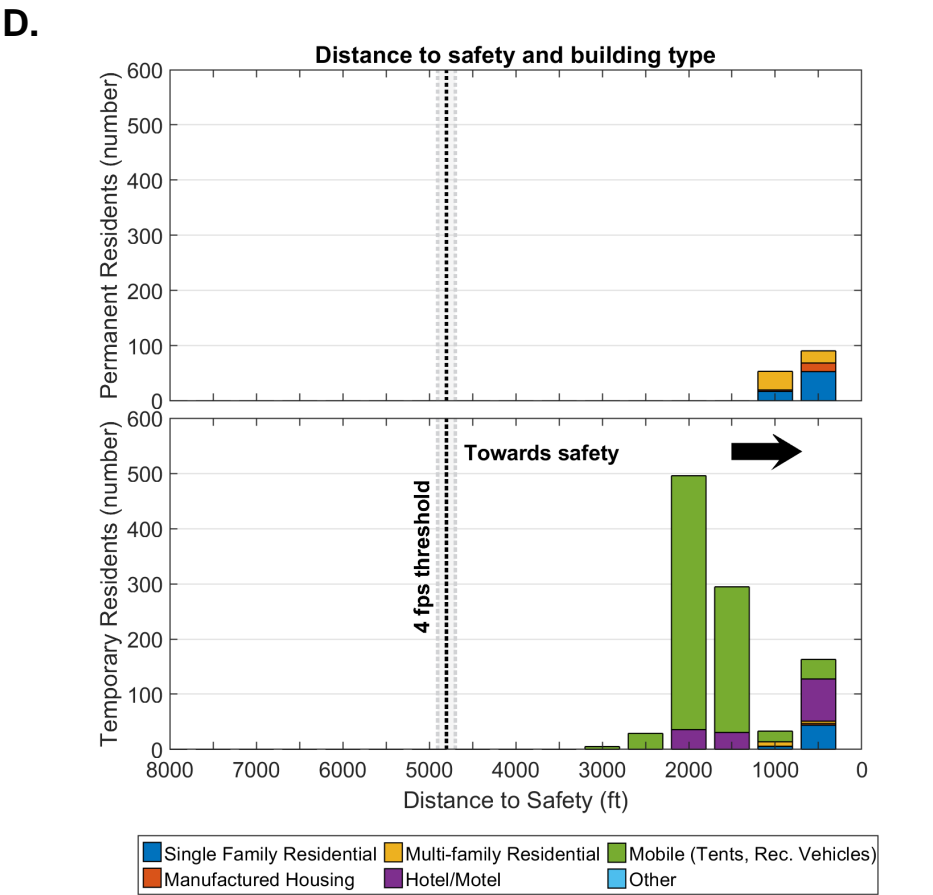
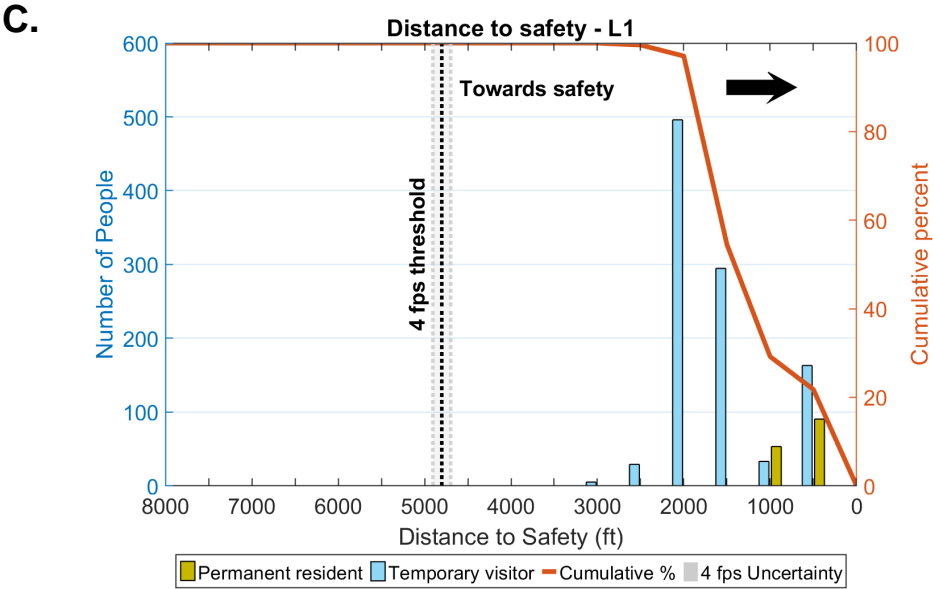
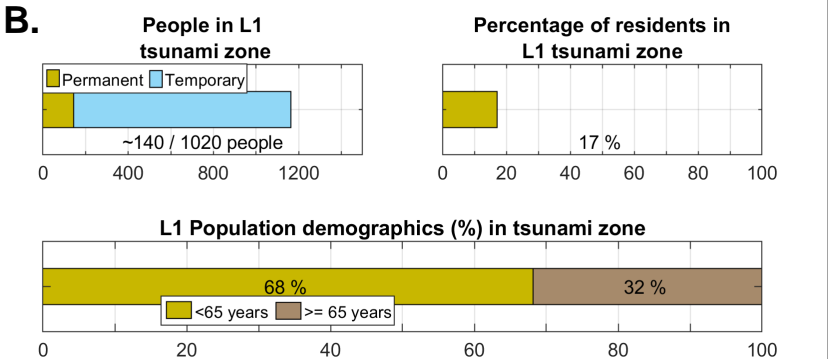
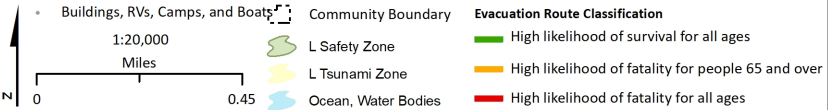
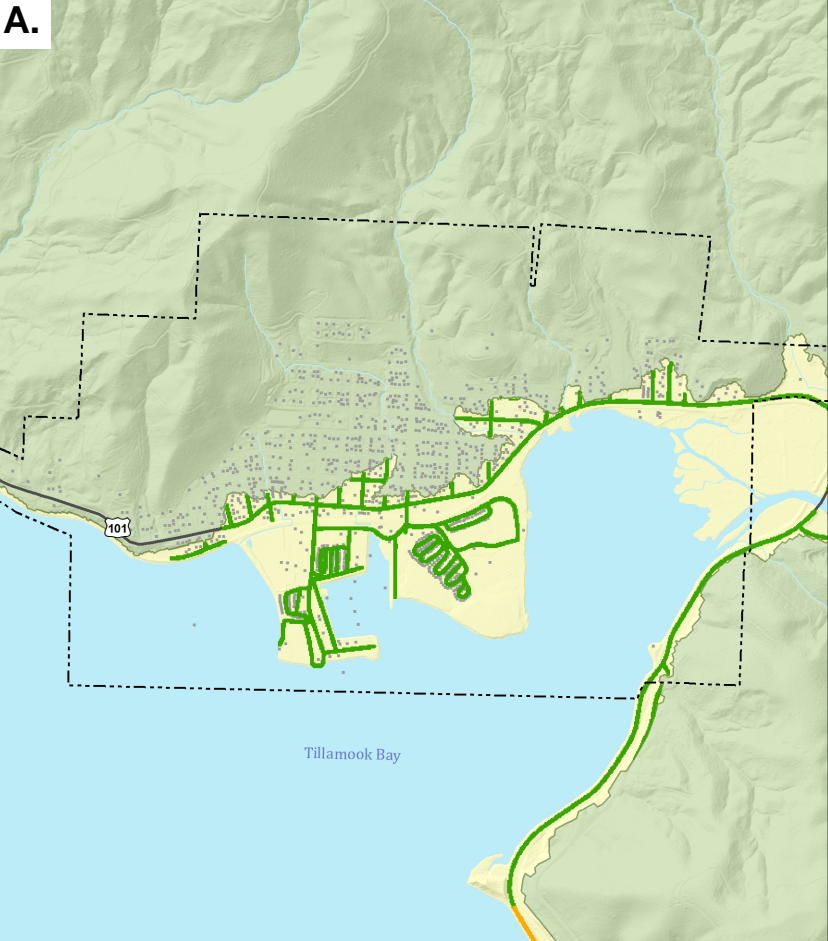
F.



Description	Total
Earthquake Injuries (Entire Community)	46
Tsunami Injuries - Permanent + Temporary	0
Tsunami Fatalities - Permanent	0
Tsunami Fatalities - Temporary @ ~100% occupancy	0
Displaced Population - Permanent	44
Displaced Population - Permanent + Temporary	514

Garibaldi - L1

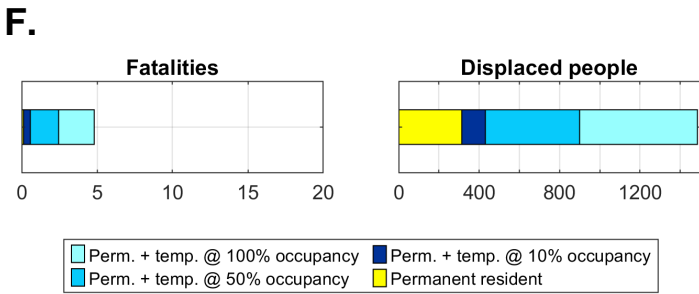
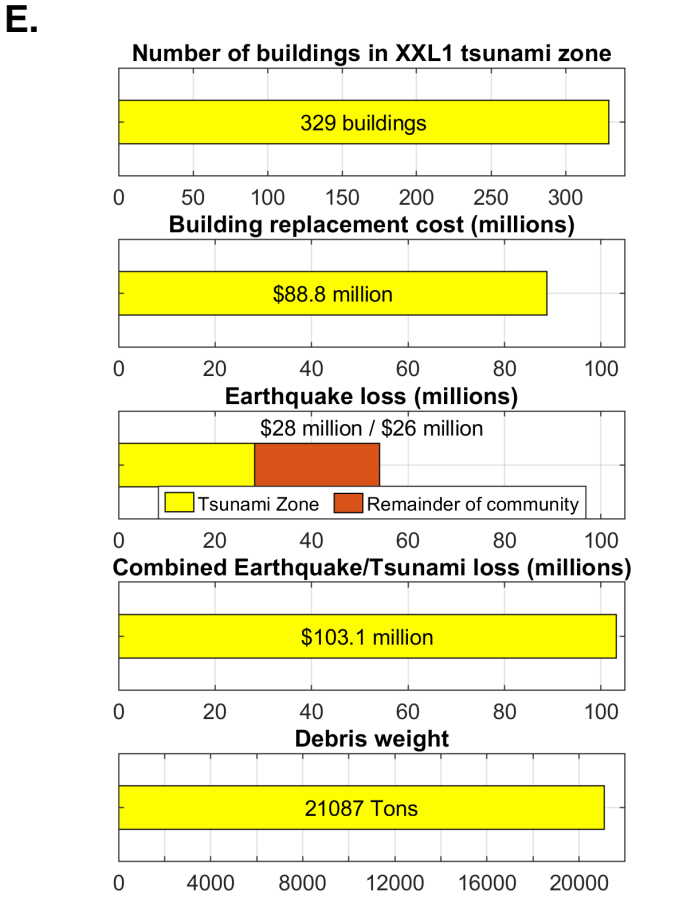
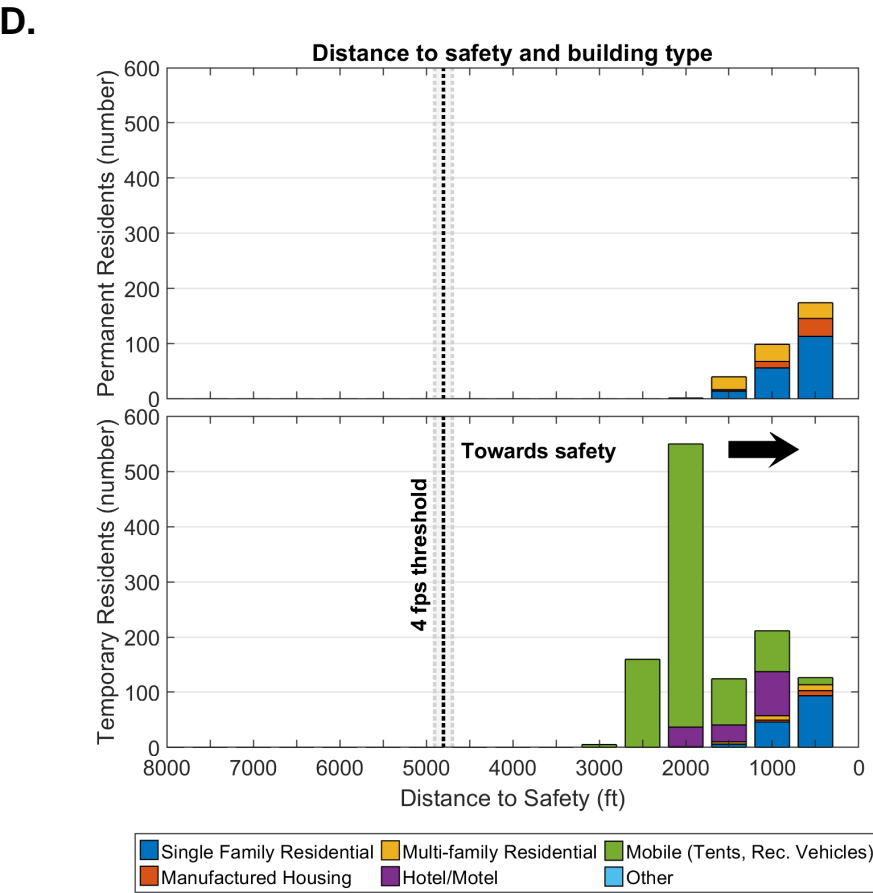
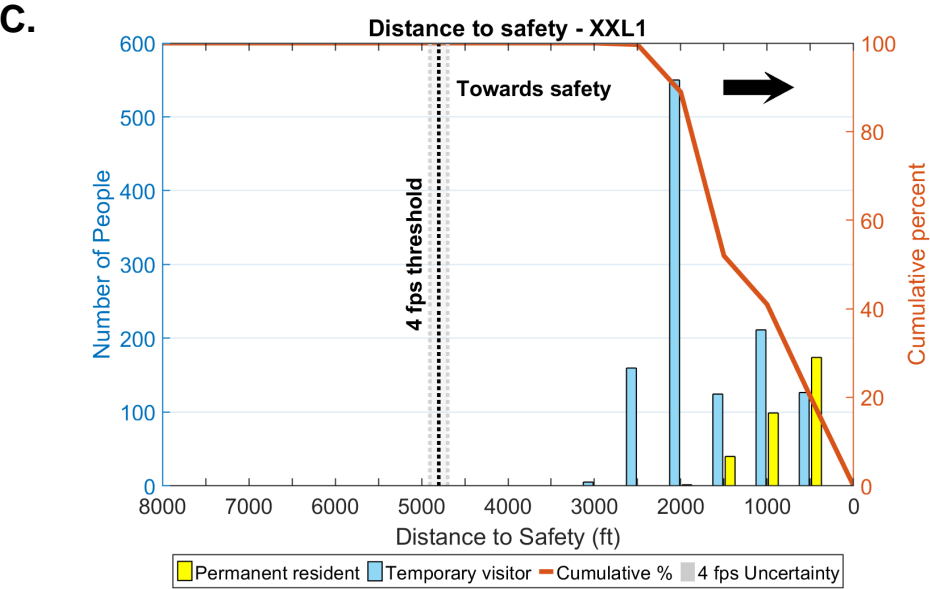
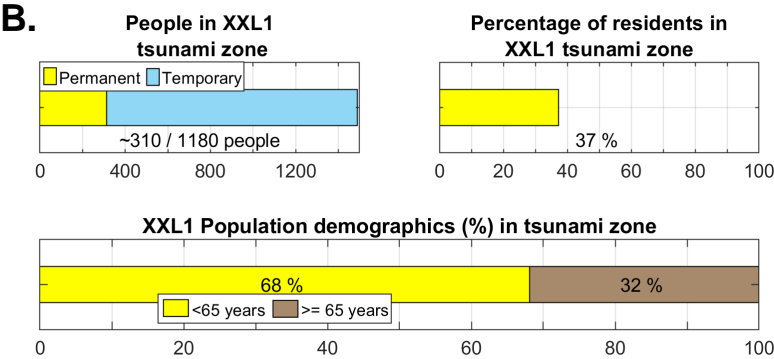
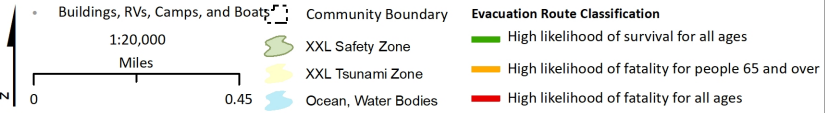
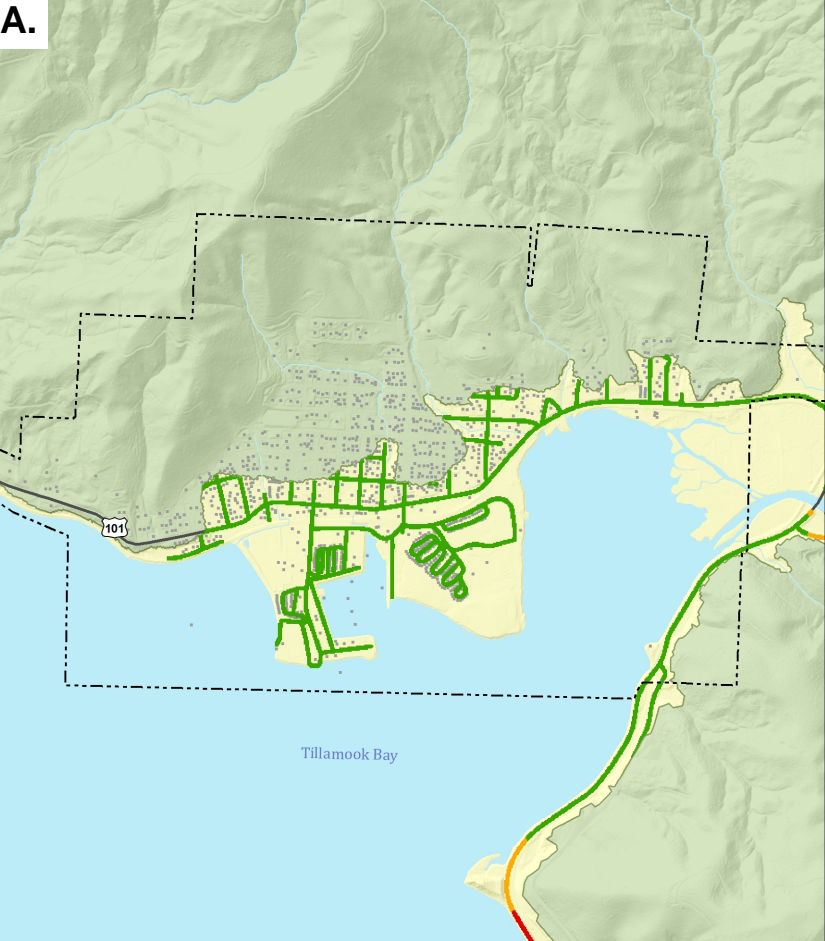
Casualty estimates assume a MODERATE WALK travel speed (4 ft per second)



Description	Total
Earthquake Injuries (Entire Community)	46
Tsunami Injuries - Permanent + Temporary	1
Tsunami Fatalities - Permanent	0
Tsunami Fatalities - Temporary @ ~100% occupancy	3
Displaced Population - Permanent	144
Displaced Population - Permanent + Temporary	1,161

Garibaldi - XXL1

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

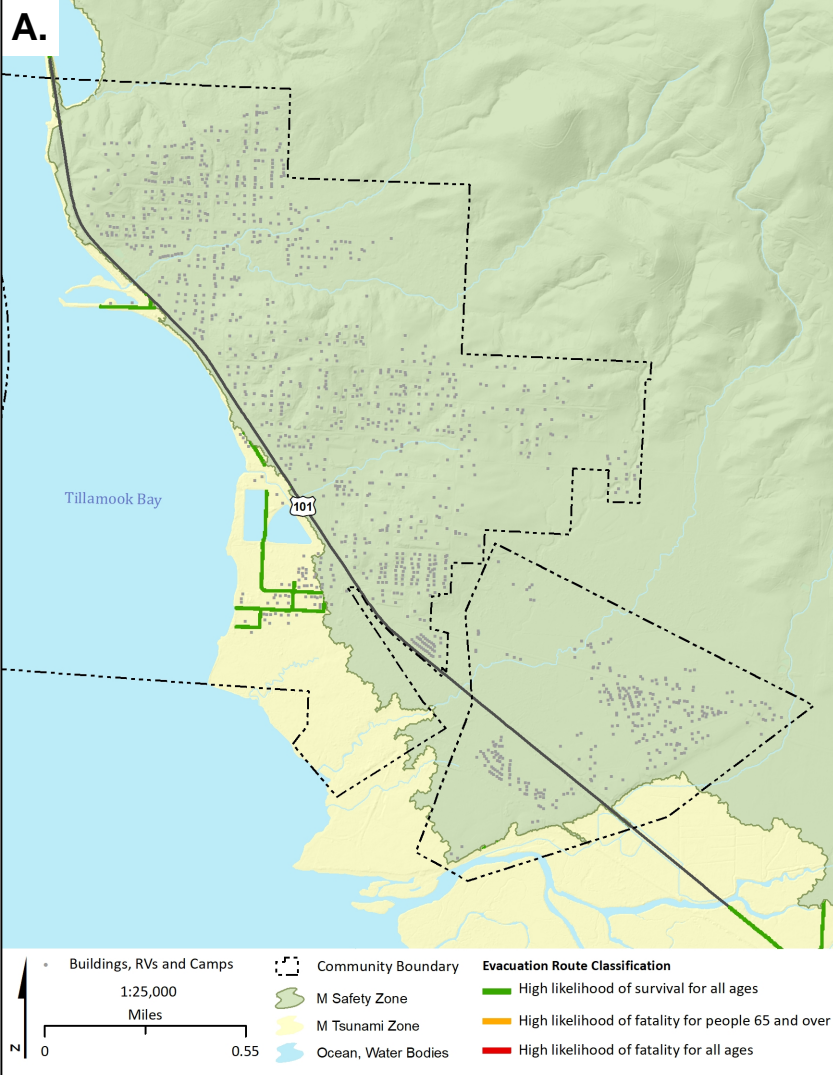


Description	Total
Earthquake Injuries (Entire Community)	46
Tsunami Injuries - Permanent + Temporary	1
Tsunami Fatalities - Permanent	0
Tsunami Fatalities - Temporary @ ~100% occupancy	5
Displaced Population - Permanent	314
Displaced Population - Permanent + Temporary	1,485

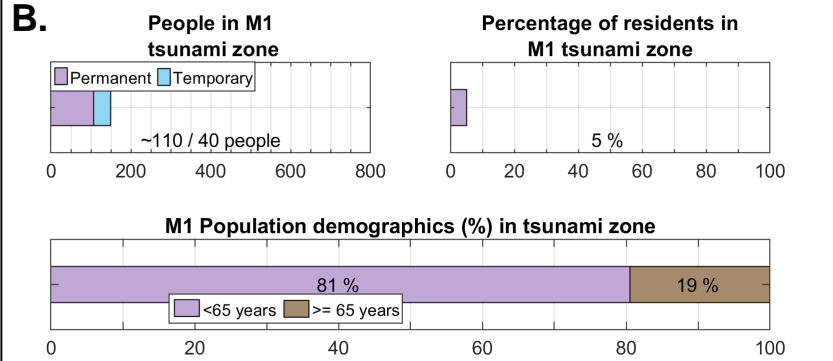
Bay City - M1

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

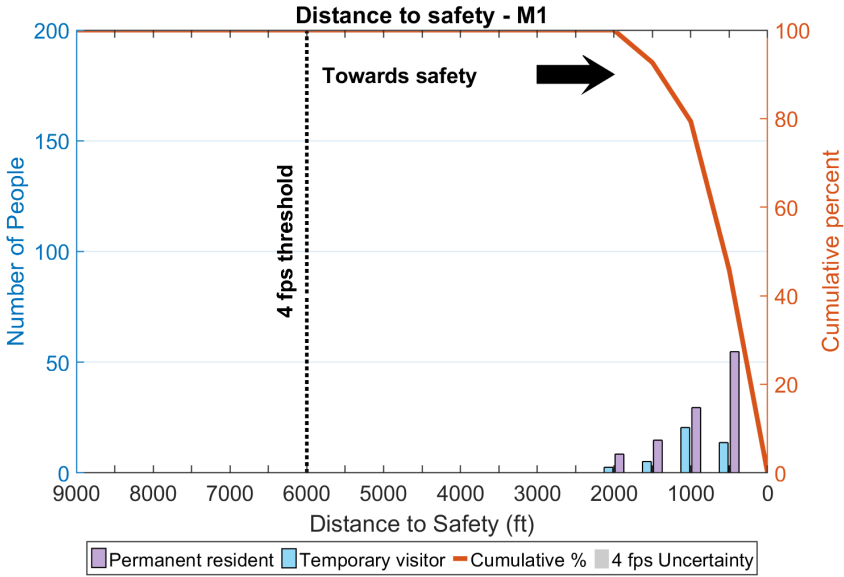
A.



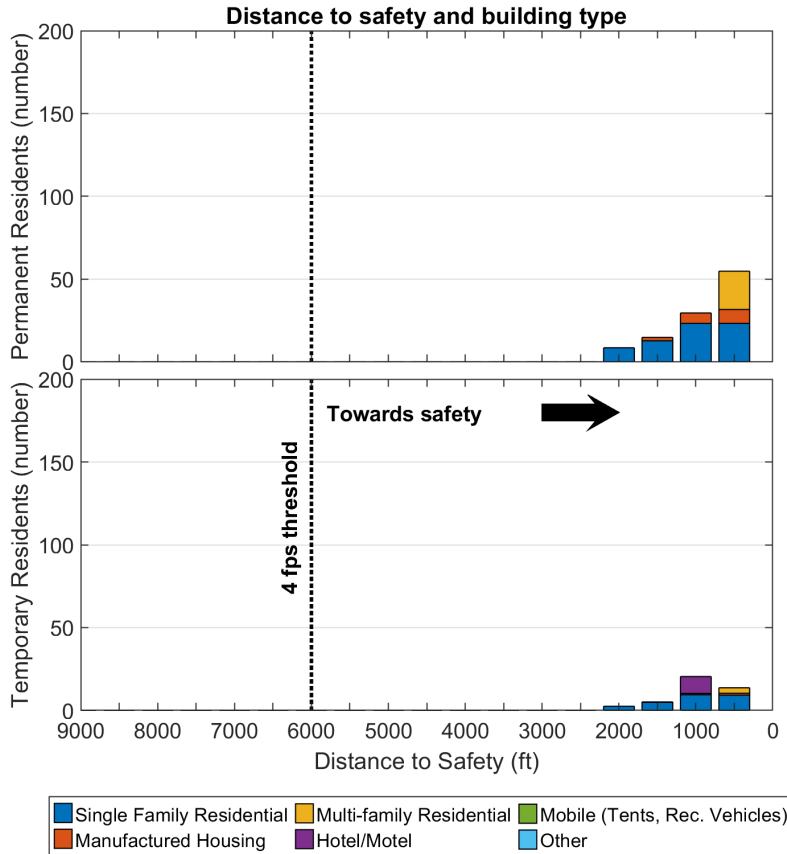
B.



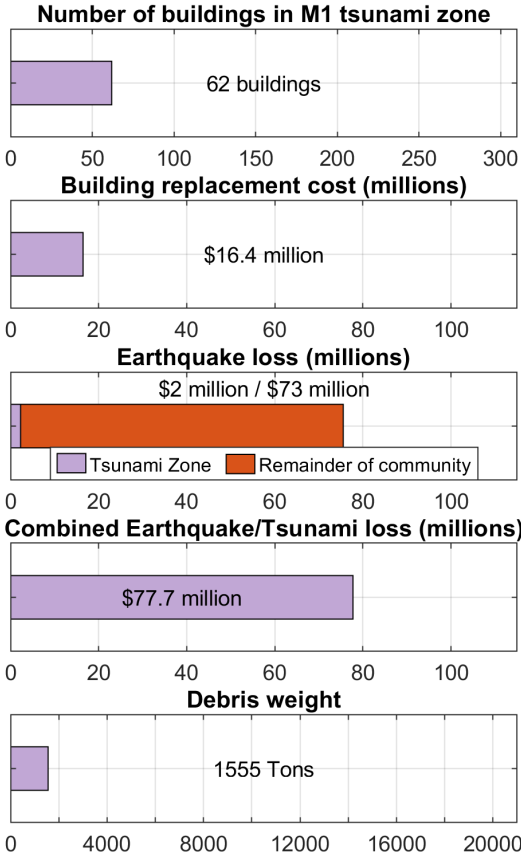
C.



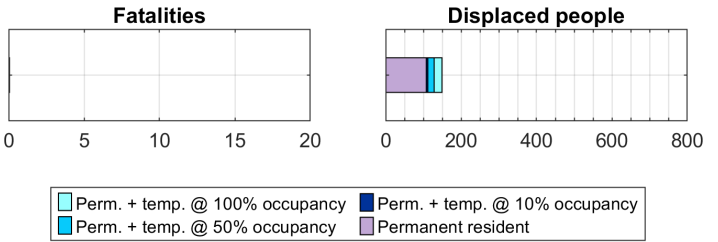
D.



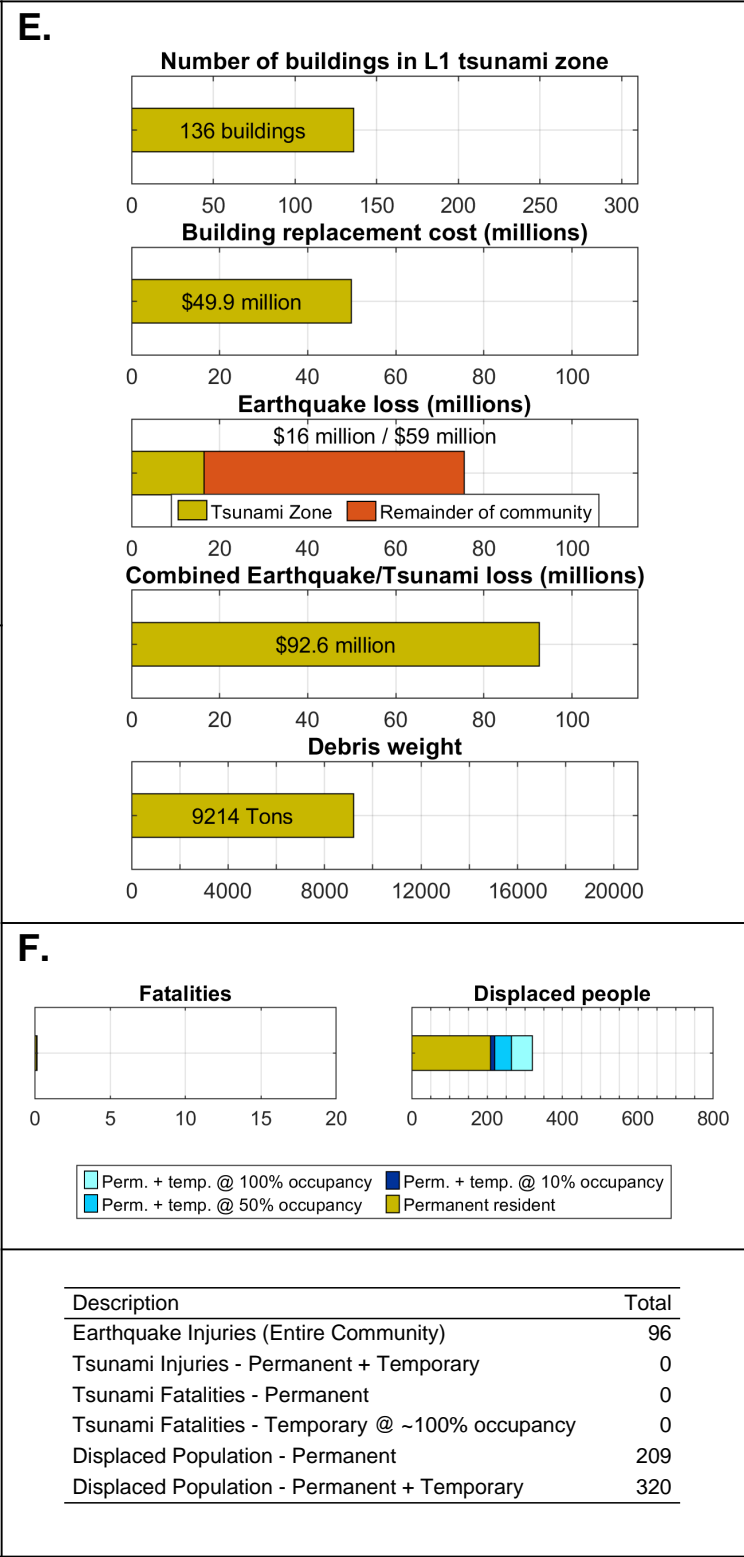
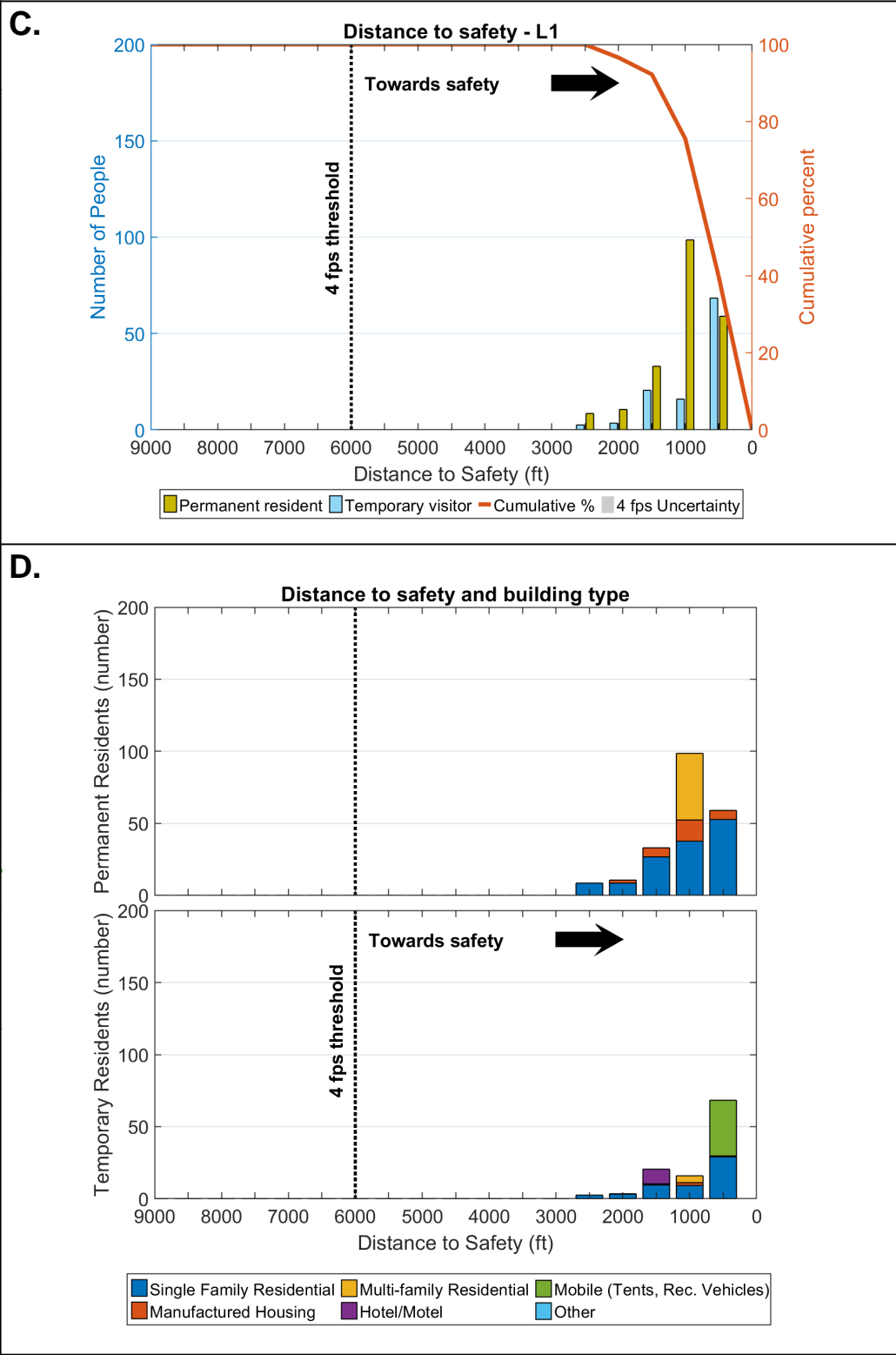
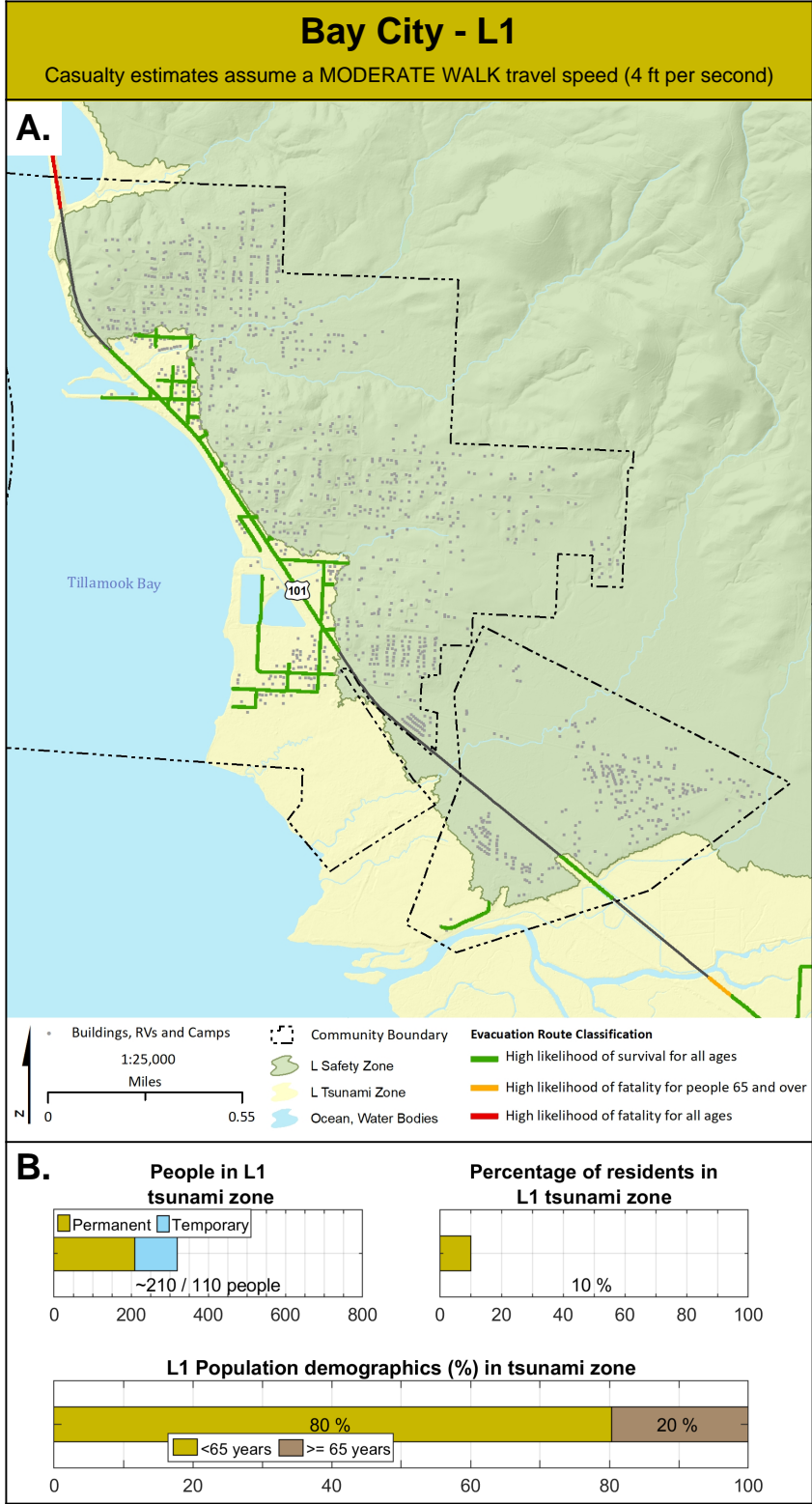
E.



F.



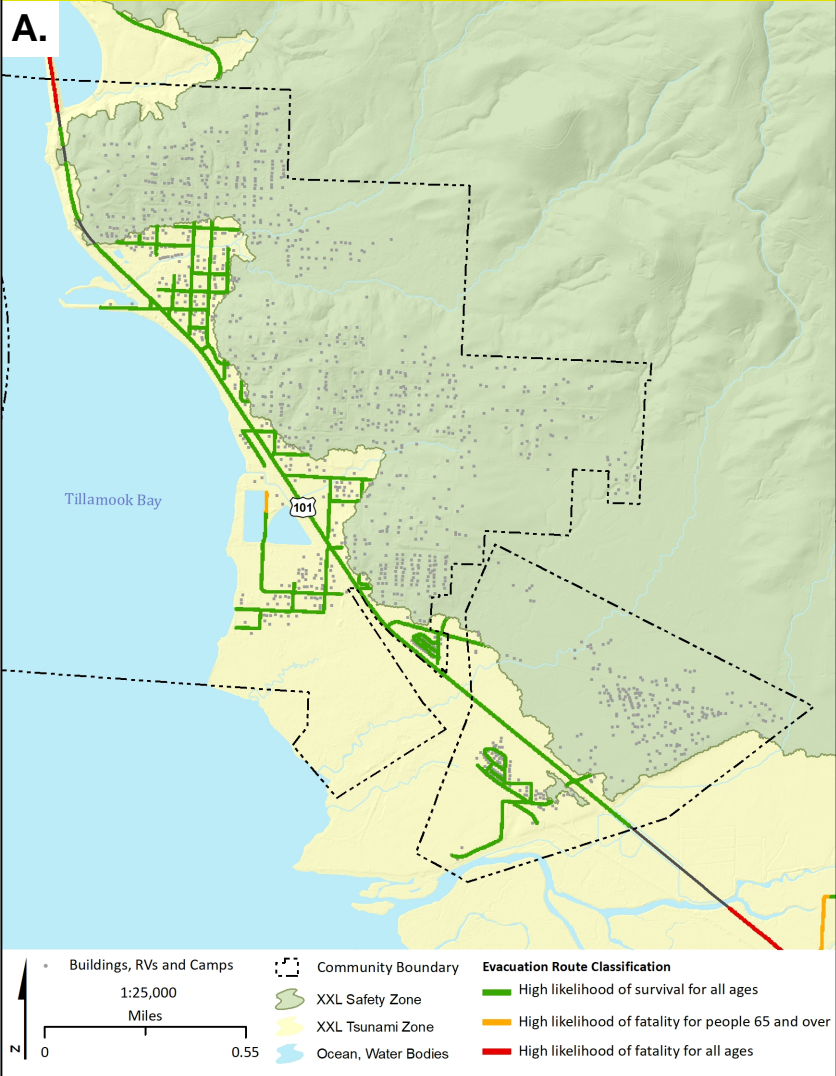
Description	Total
Earthquake Injuries (Entire Community)	96
Tsunami Injuries - Permanent + Temporary	0
Tsunami Fatalities - Permanent	0
Tsunami Fatalities - Temporary @ ~100% occupancy	0
Displaced Population - Permanent	107
Displaced Population - Permanent + Temporary	149



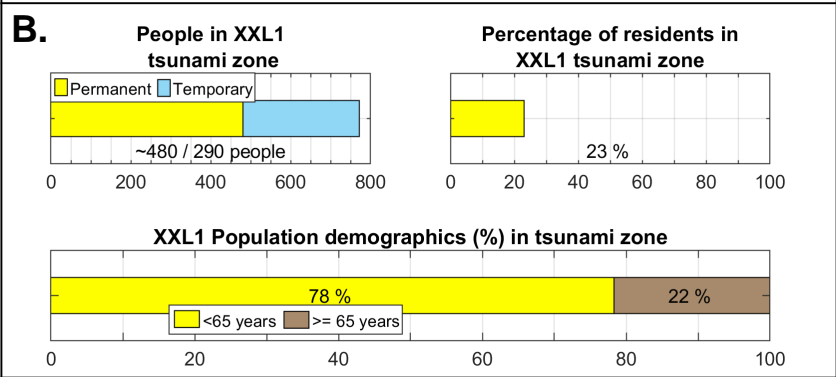
Bay City - XXL1

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

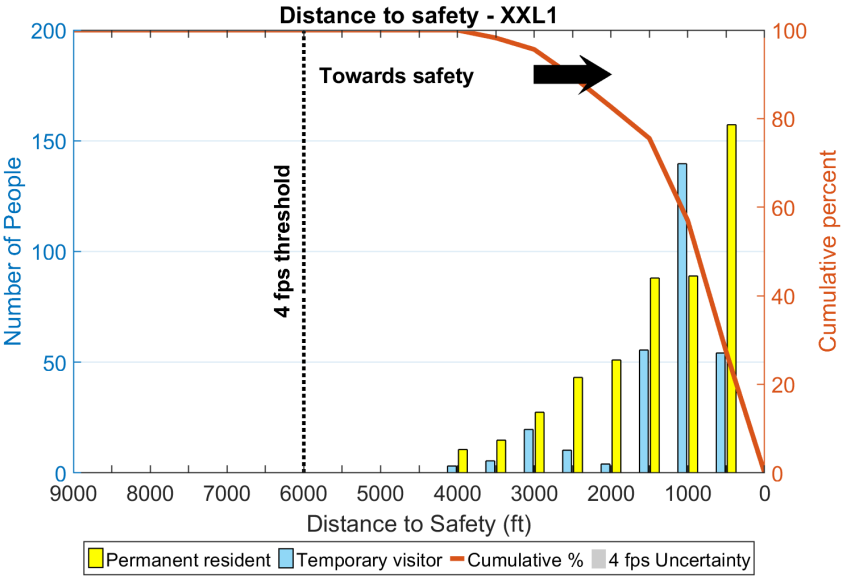
A.



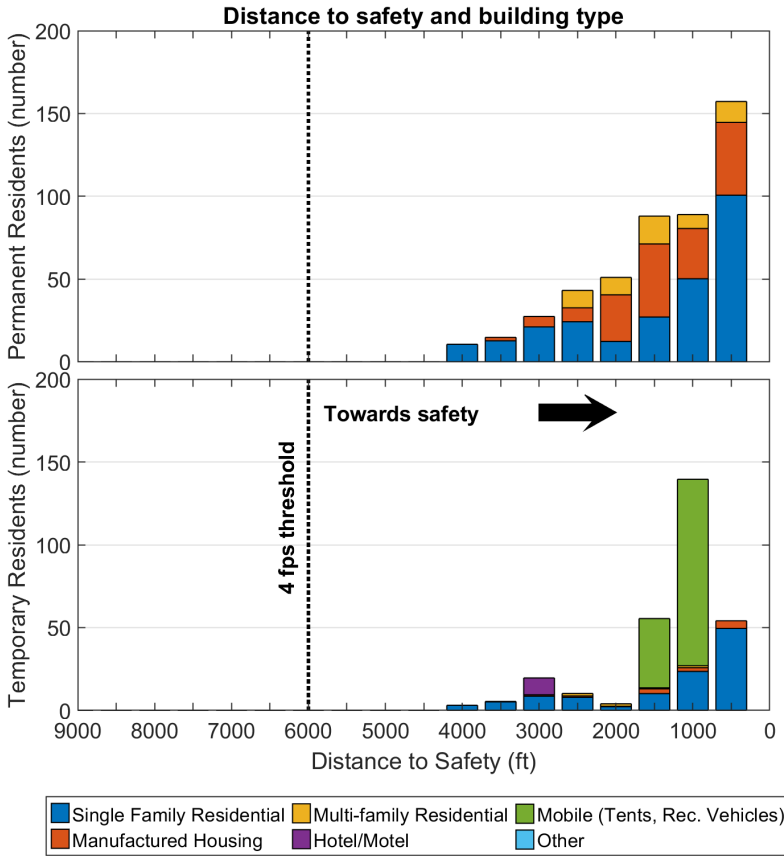
B.



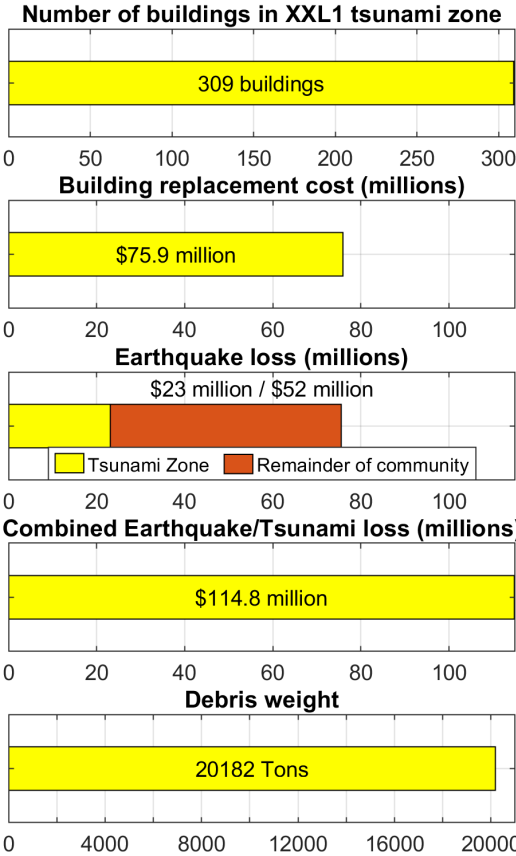
C.



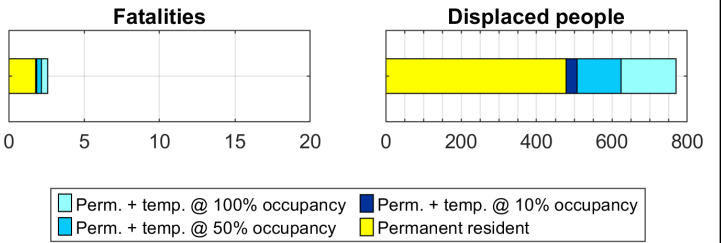
D.



E.



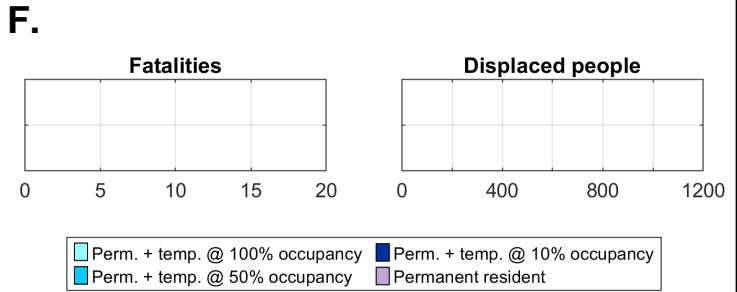
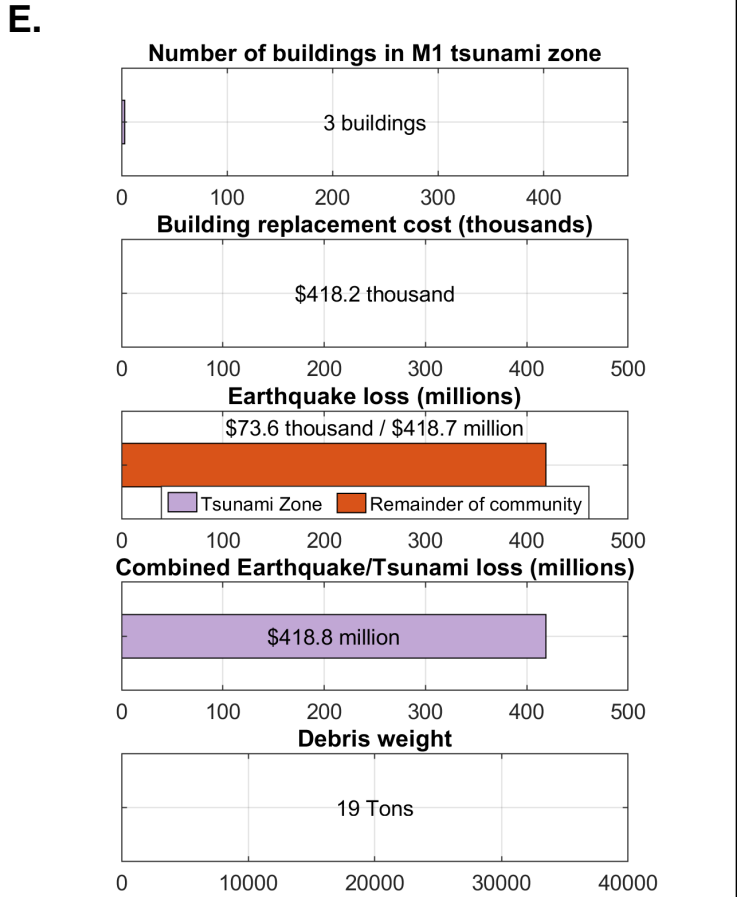
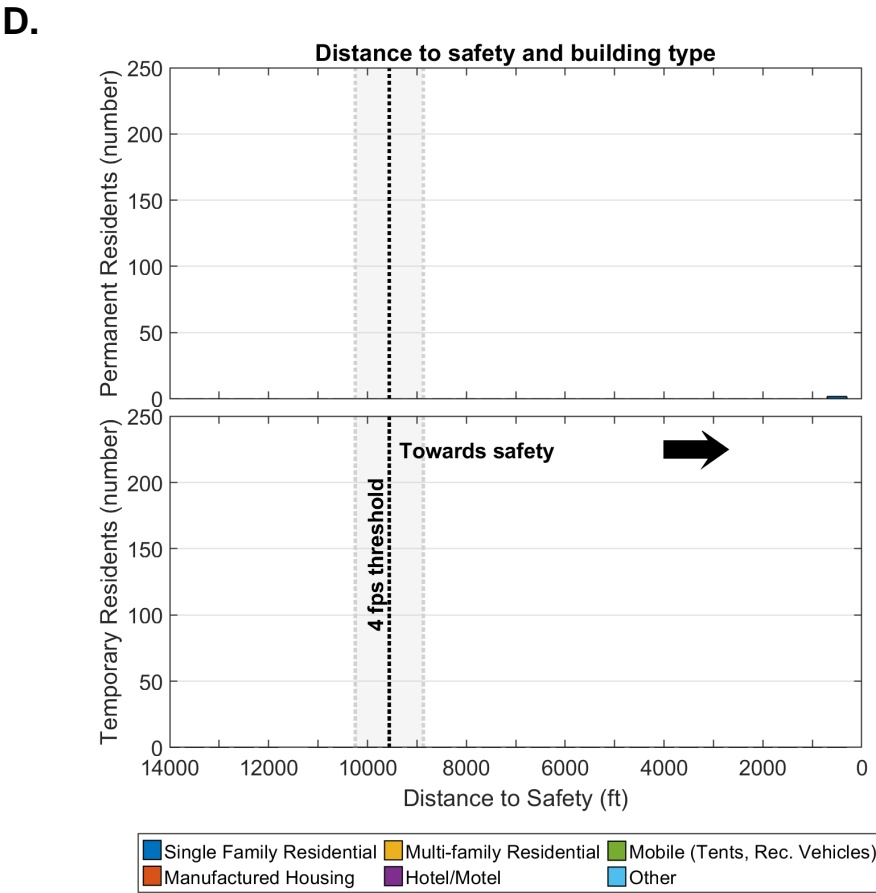
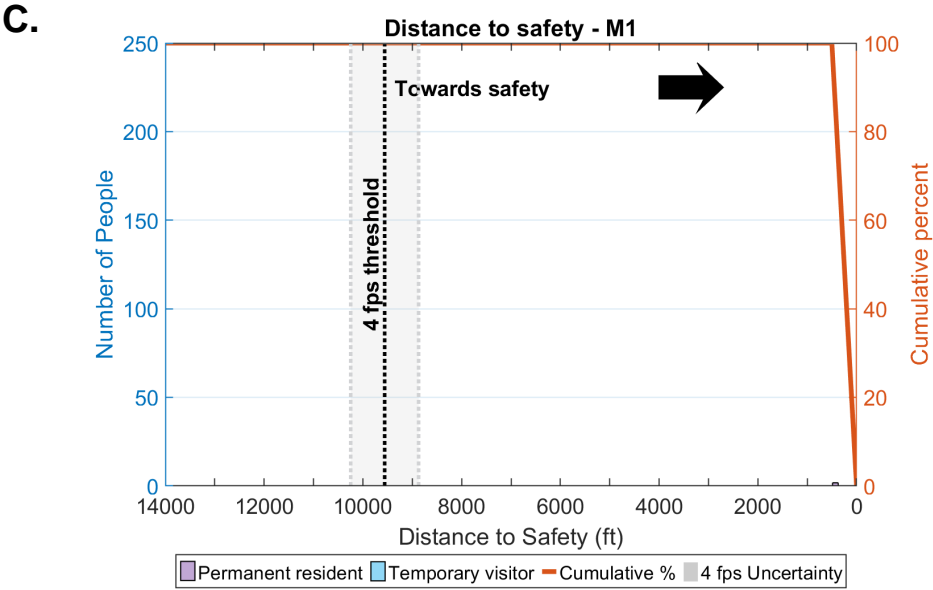
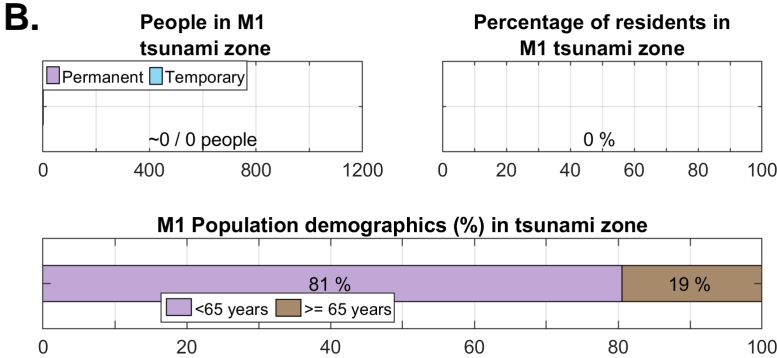
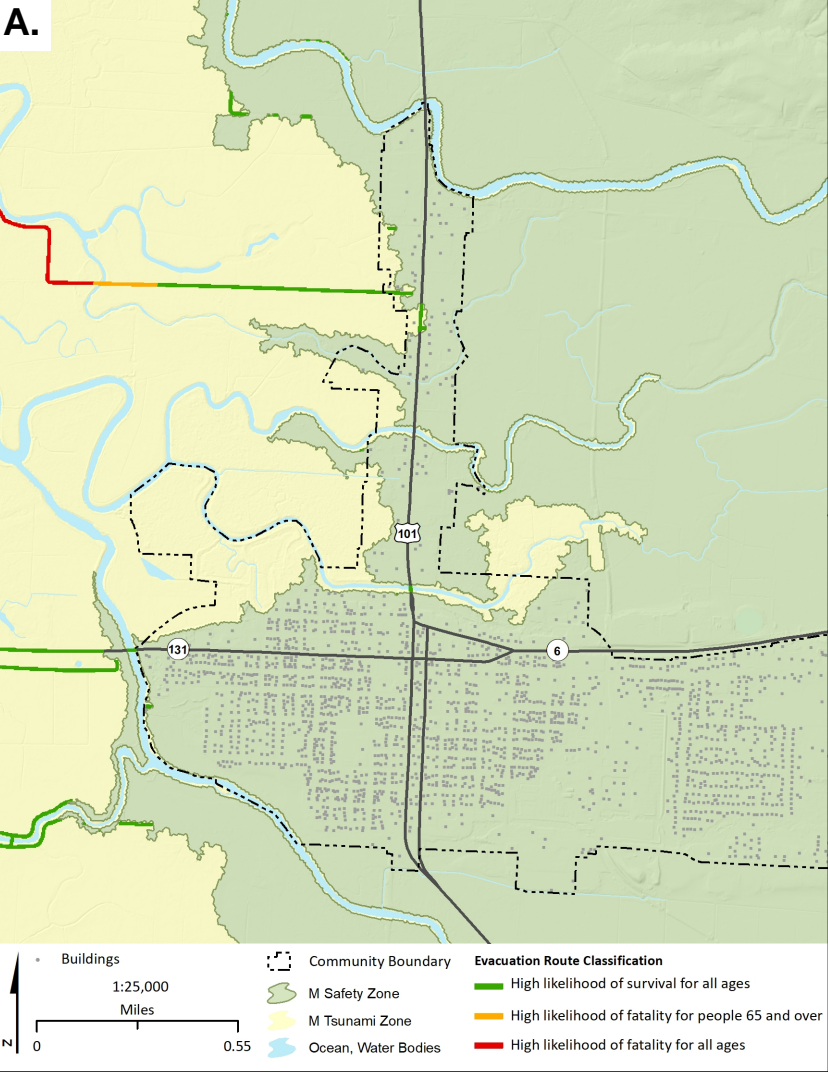
F.



Description	Total
Earthquake Injuries (Entire Community)	96
Tsunami Injuries - Permanent + Temporary	0
Tsunami Fatalities - Permanent	2
Tsunami Fatalities - Temporary @ ~100% occupancy	1
Displaced Population - Permanent	479
Displaced Population - Permanent + Temporary	770

Tillamook - M1

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

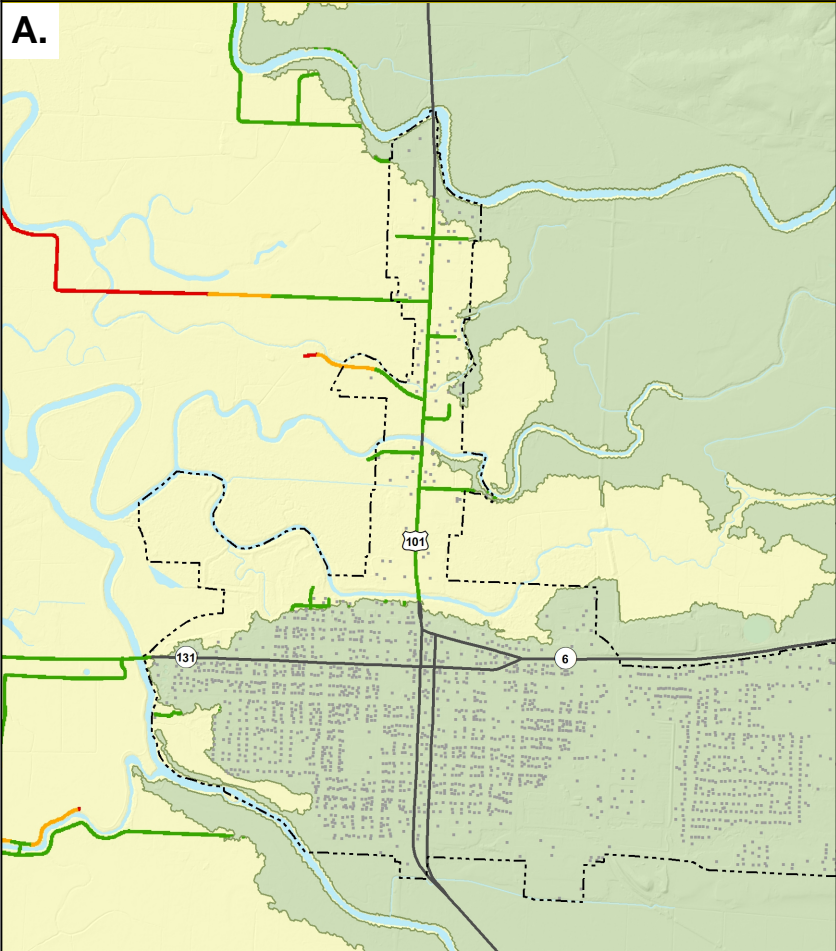


Description	Total
Earthquake Injuries (Entire Community)	163
Tsunami Injuries - Permanent + Temporary	0
Tsunami Fatalities - Permanent	0
Tsunami Fatalities - Temporary @ ~100% occupancy	0
Displaced Population - Permanent	2
Displaced Population - Permanent + Temporary	2

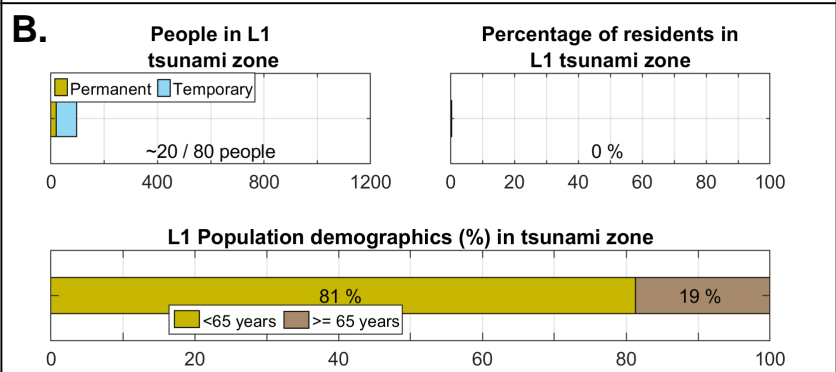
Tillamook - L1

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

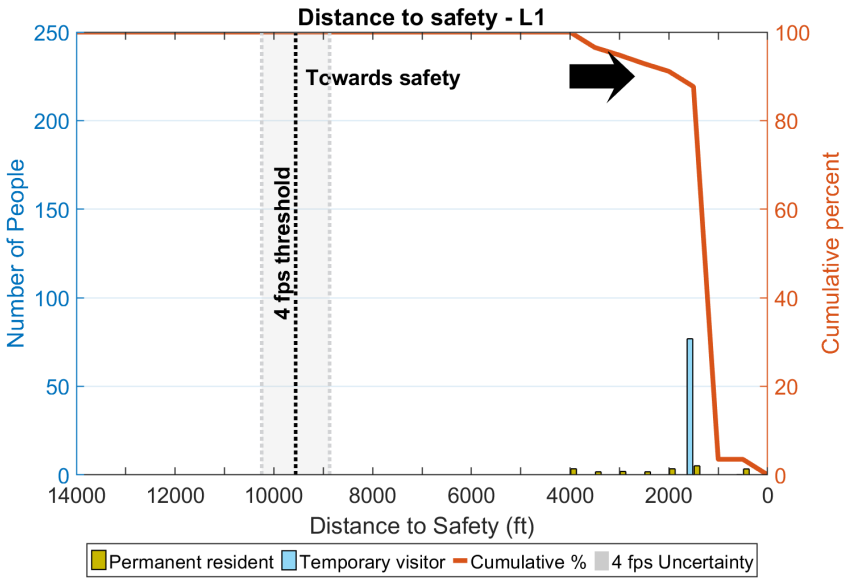
A.



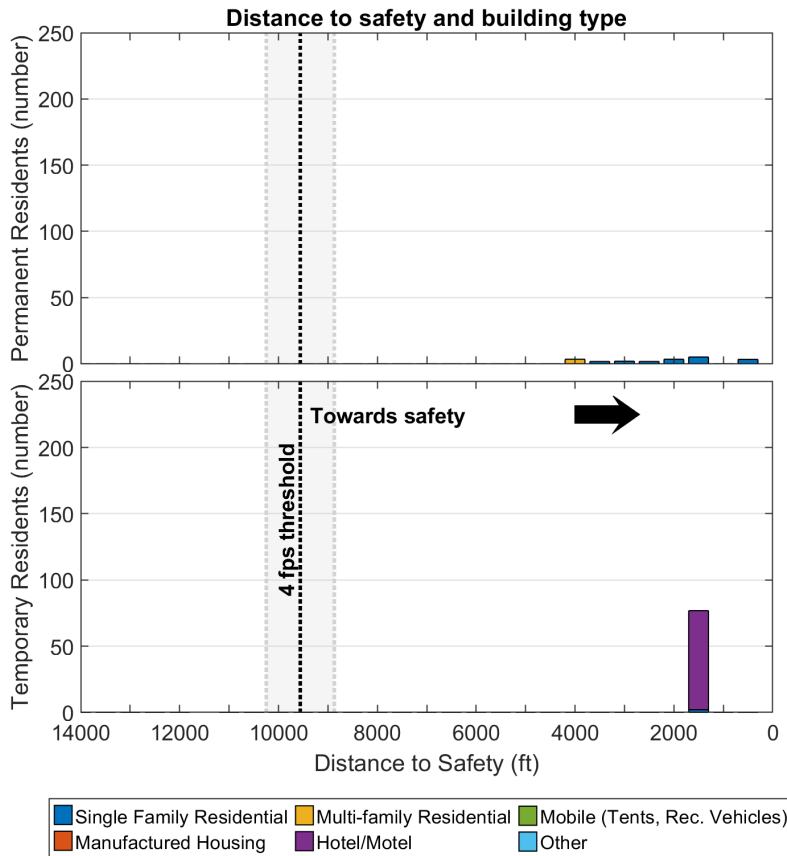
B.



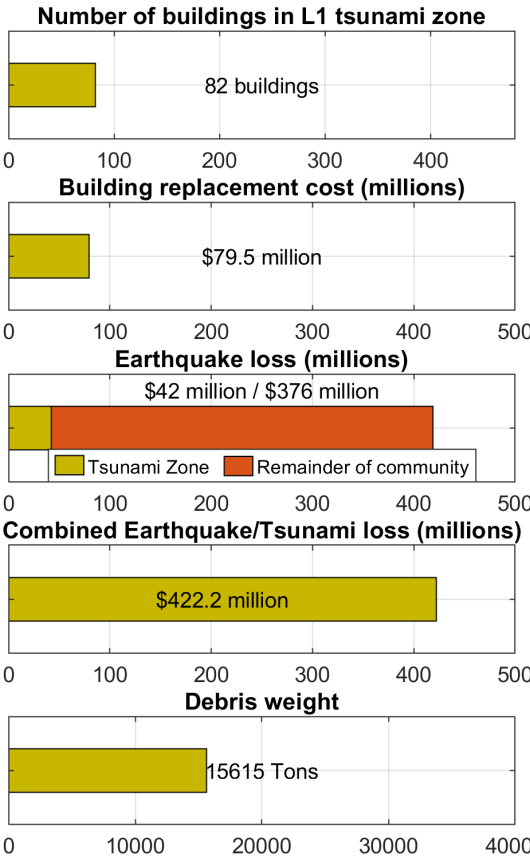
C.



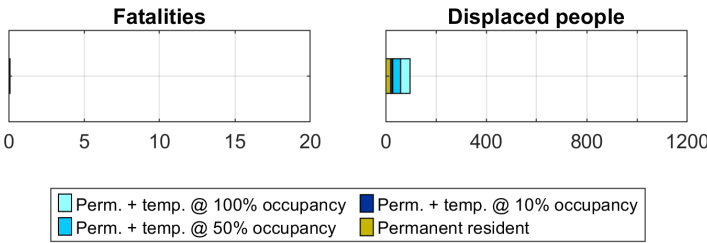
D.



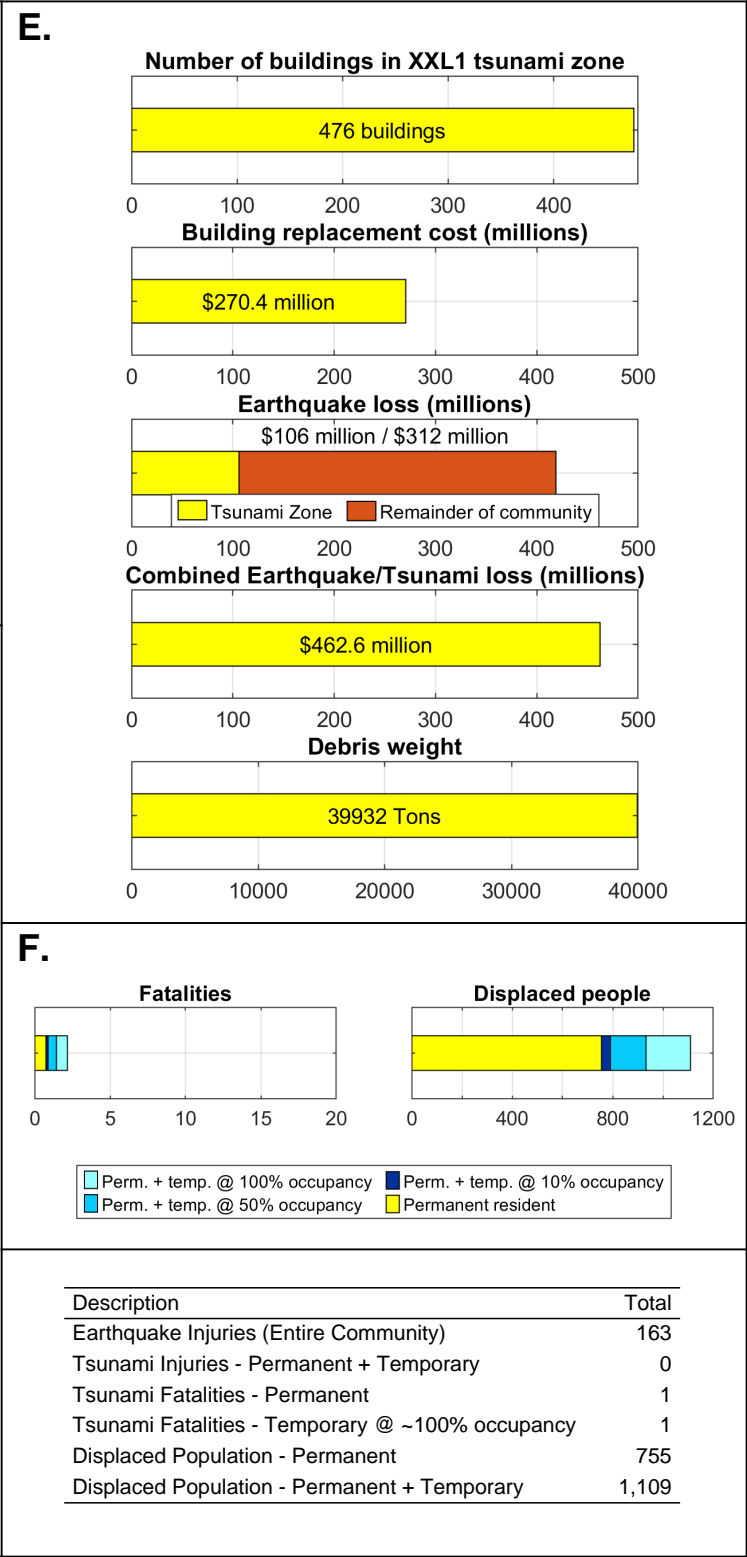
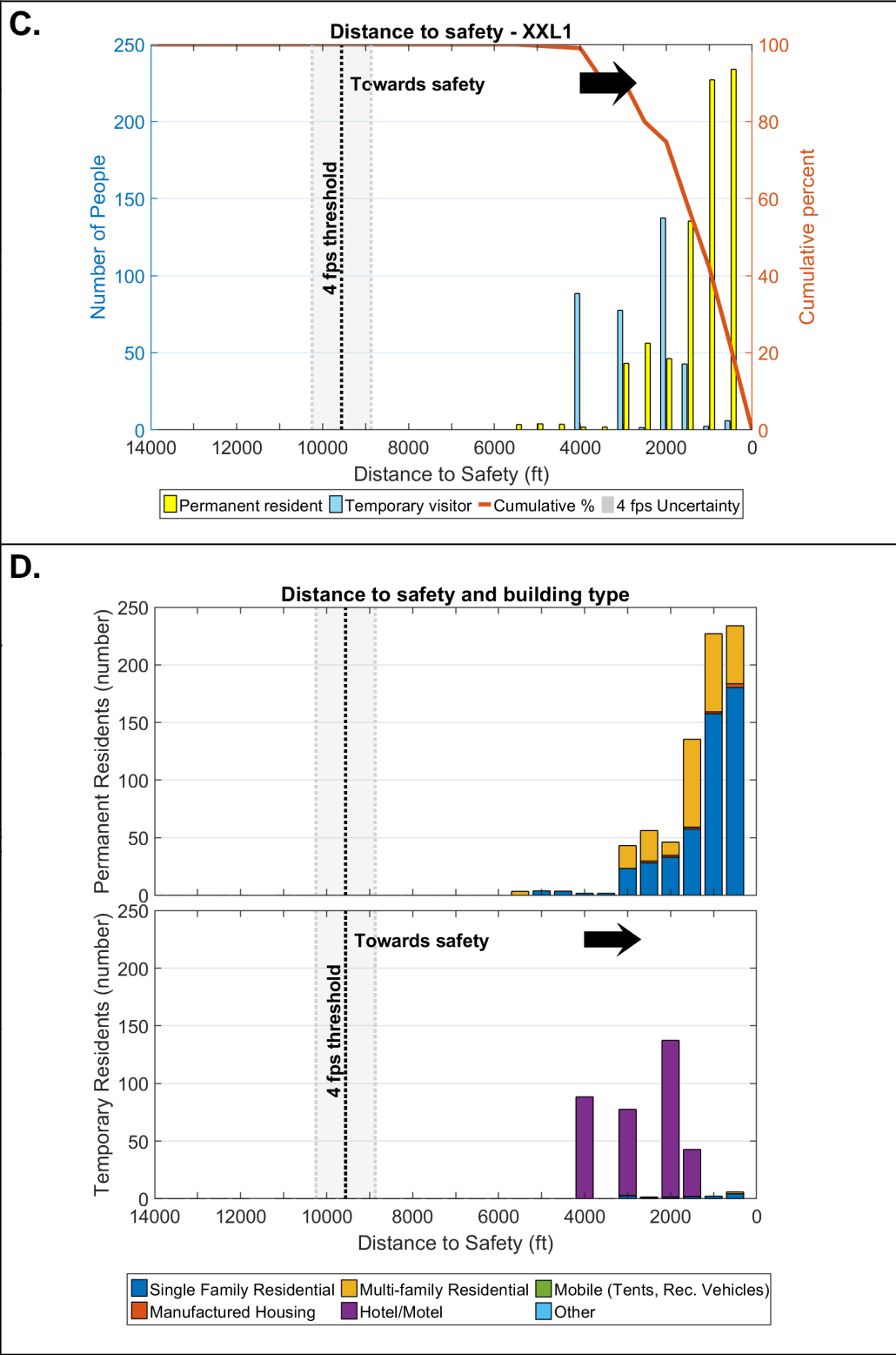
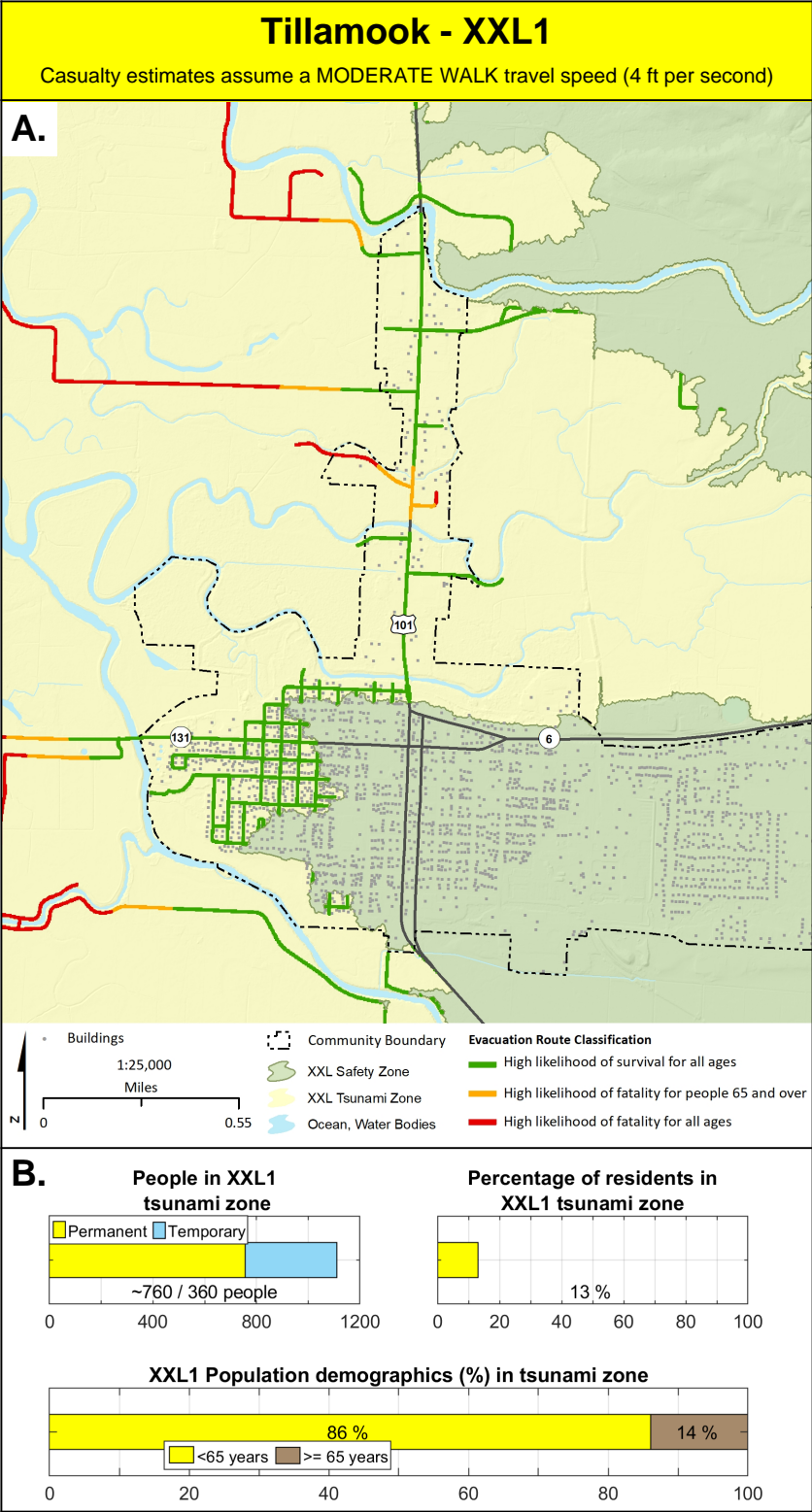
E.

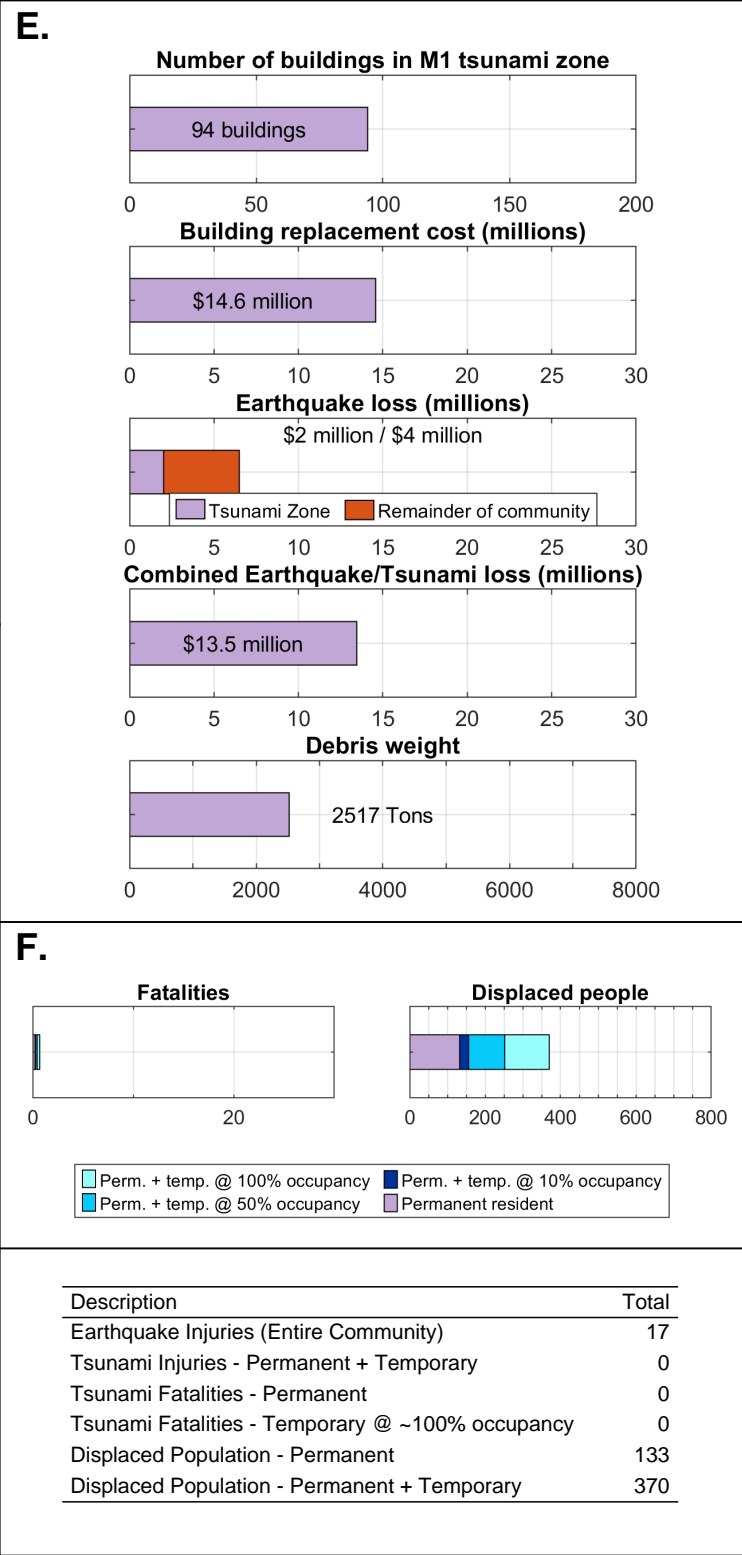
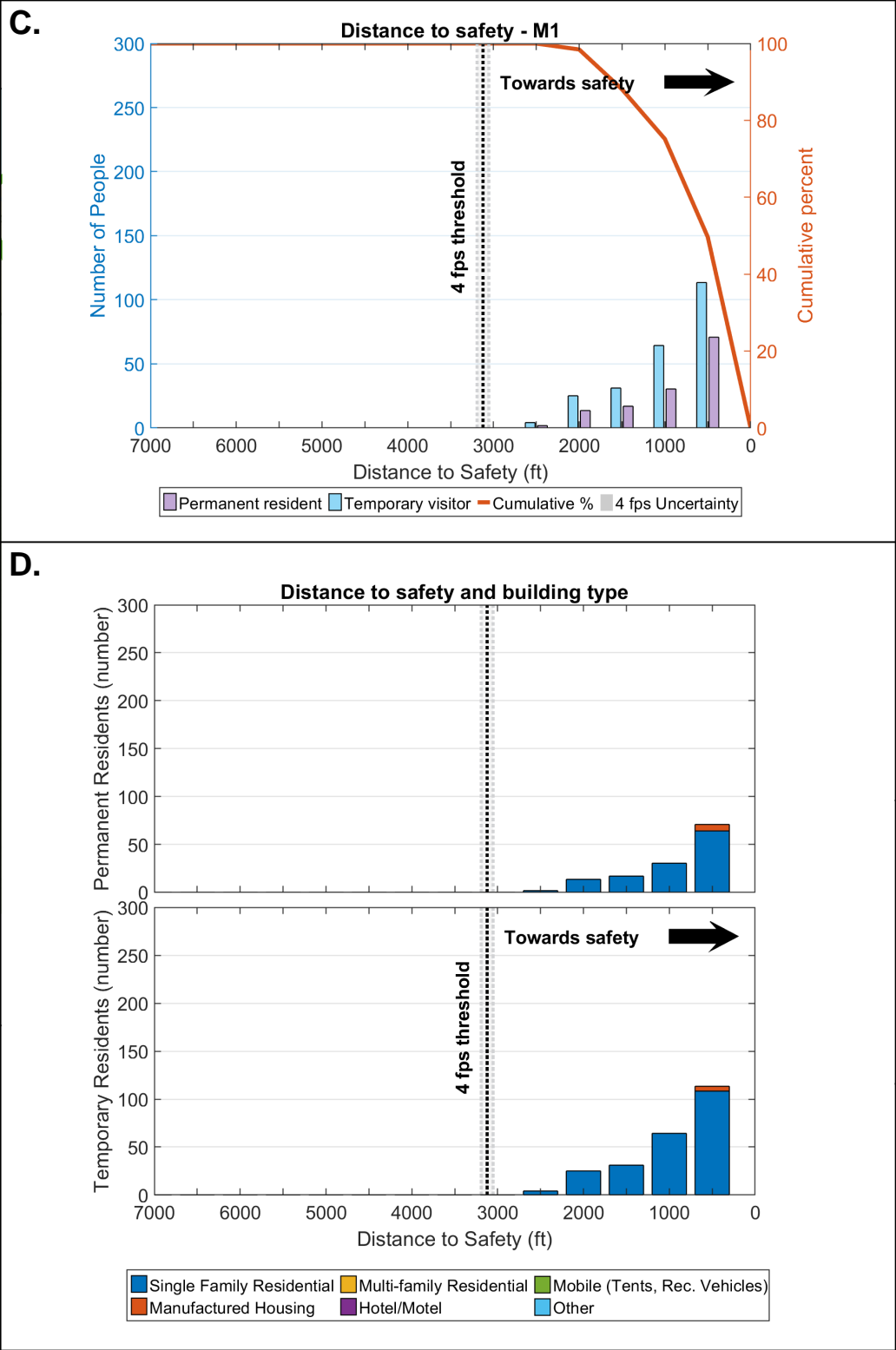
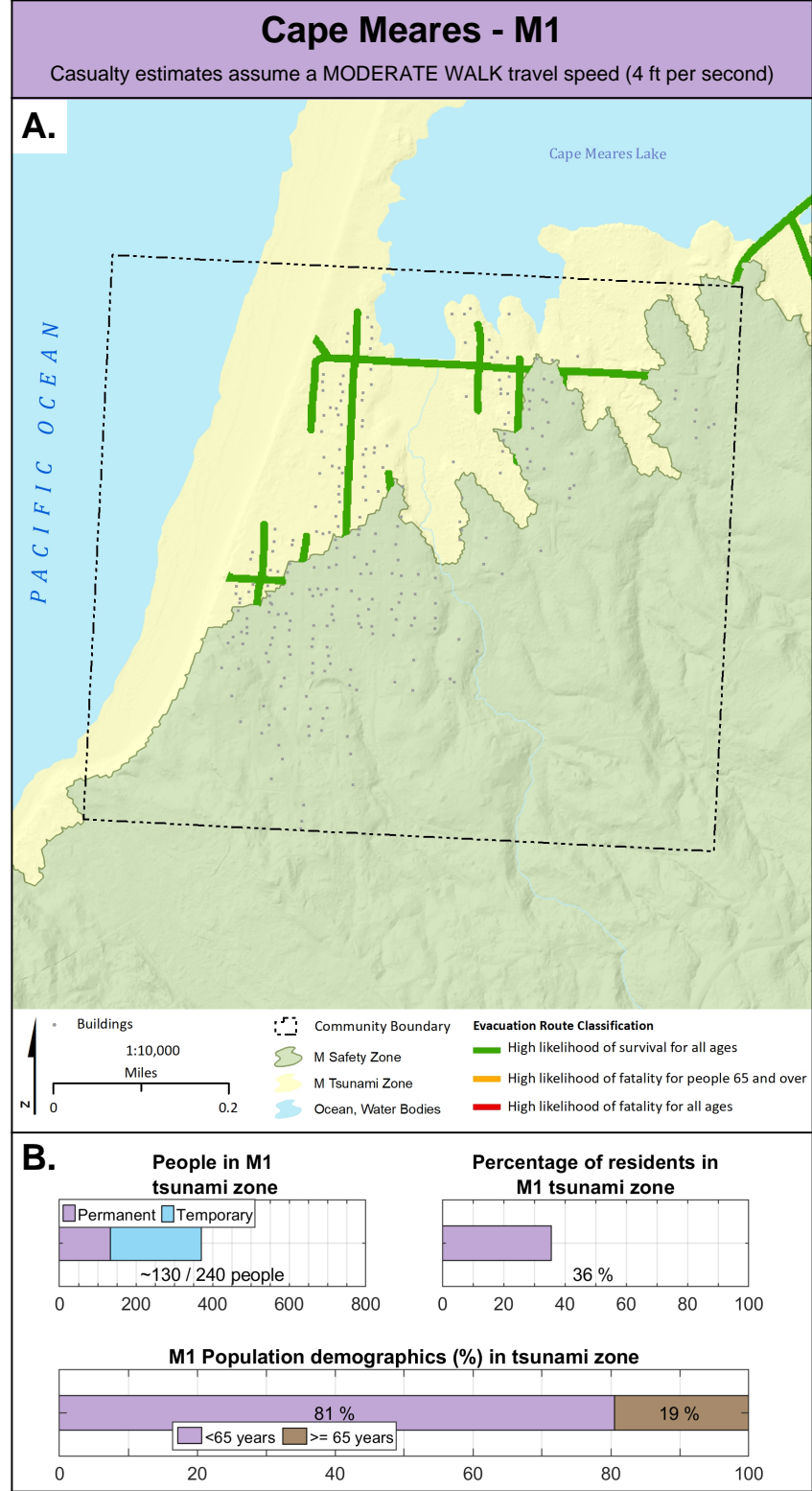


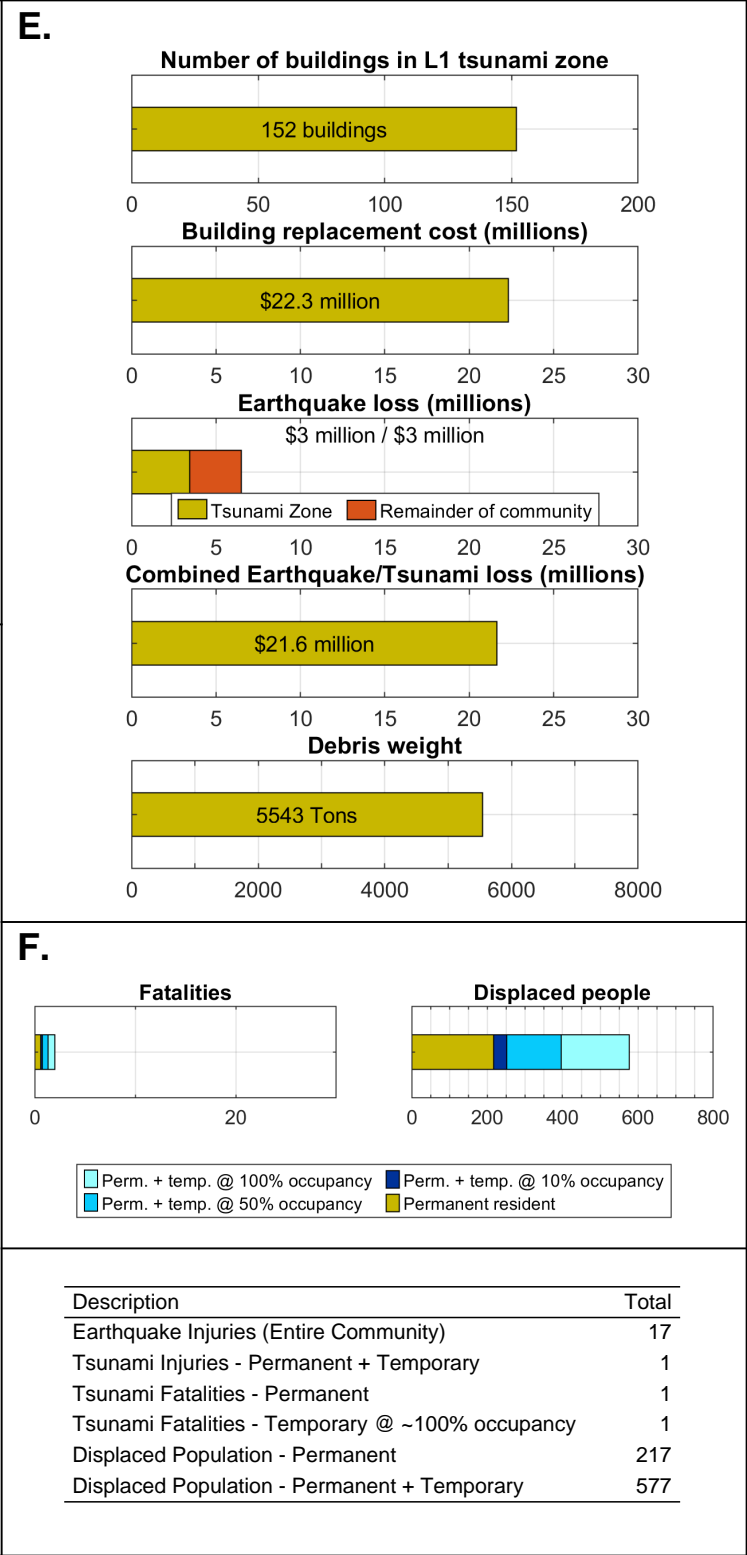
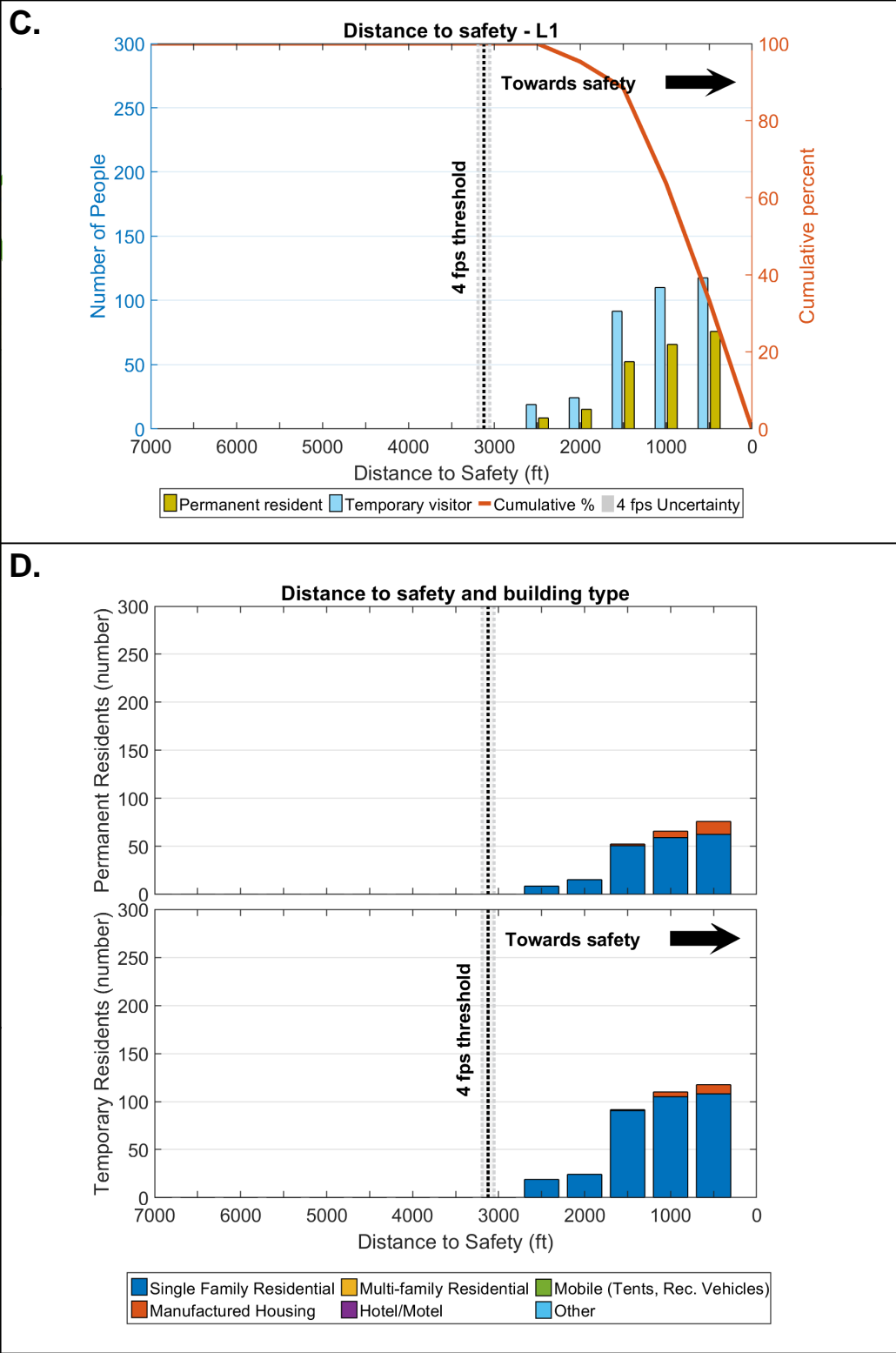
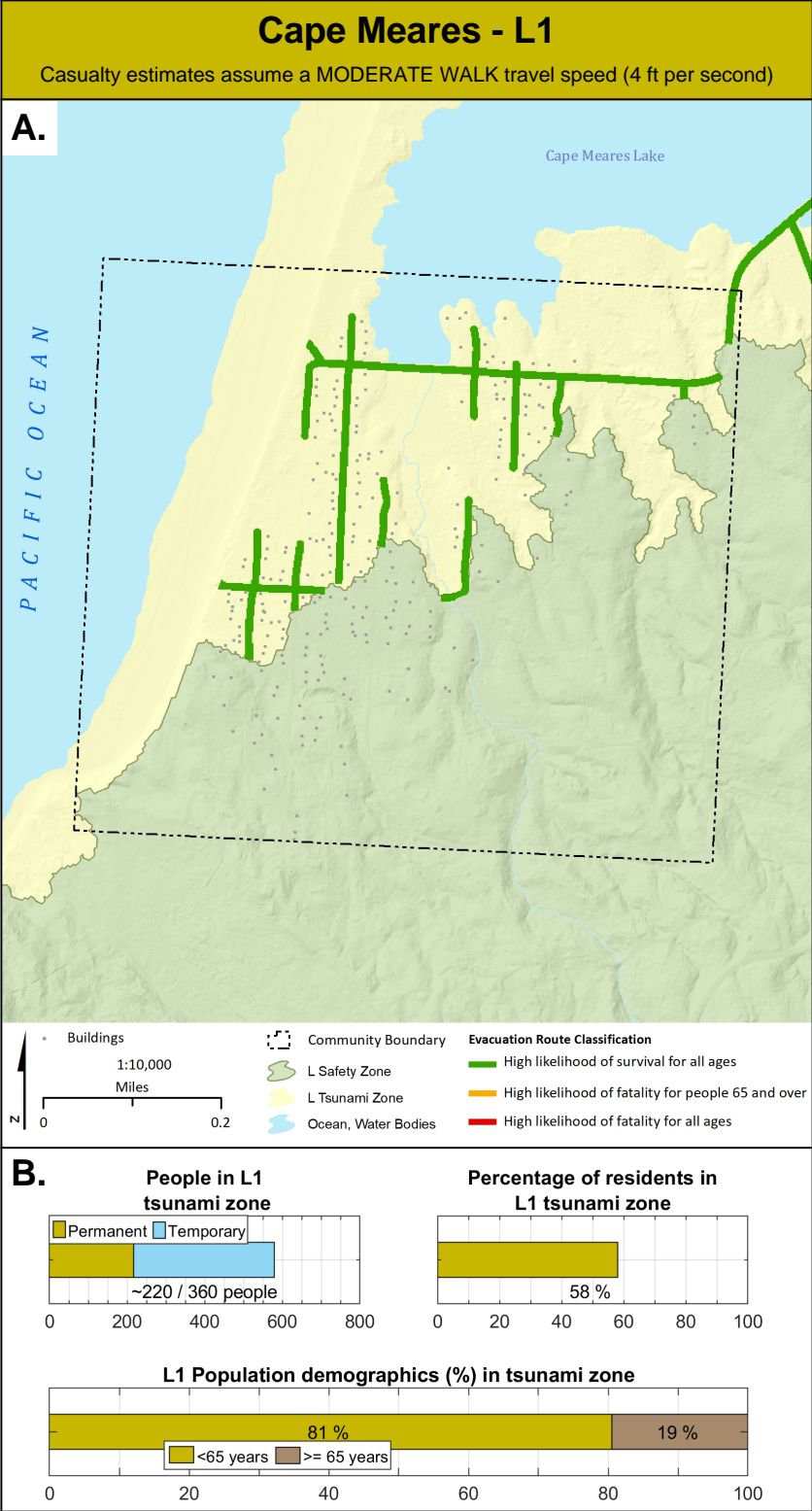
F.



Description	Total
Earthquake Injuries (Entire Community)	163
Tsunami Injuries - Permanent + Temporary	0
Tsunami Fatalities - Permanent	0
Tsunami Fatalities - Temporary @ ~100% occupancy	0
Displaced Population - Permanent	20
Displaced Population - Permanent + Temporary	97



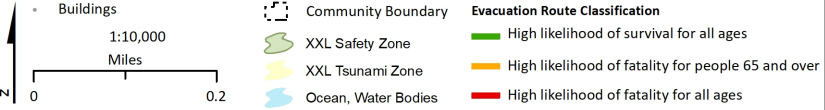
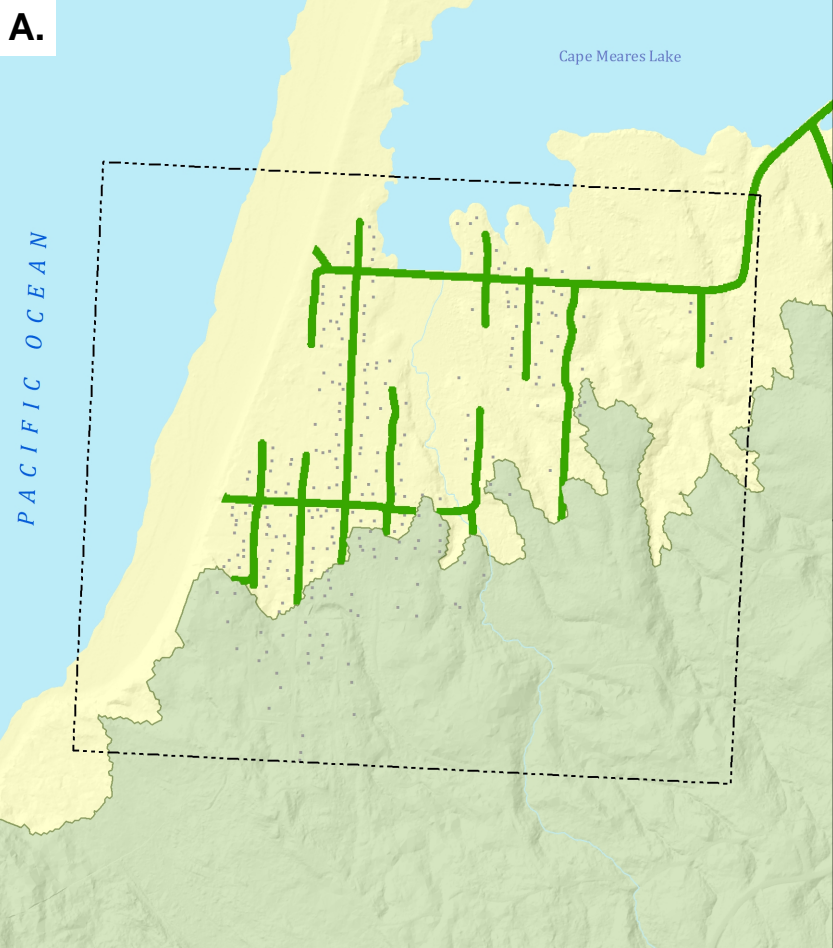




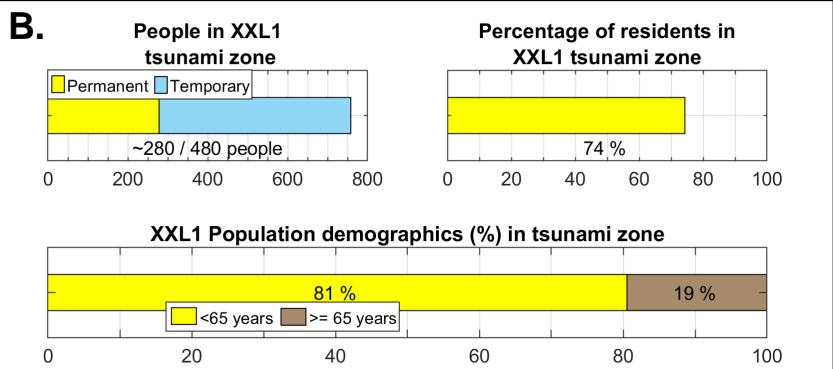
Cape Meares - XXL1

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

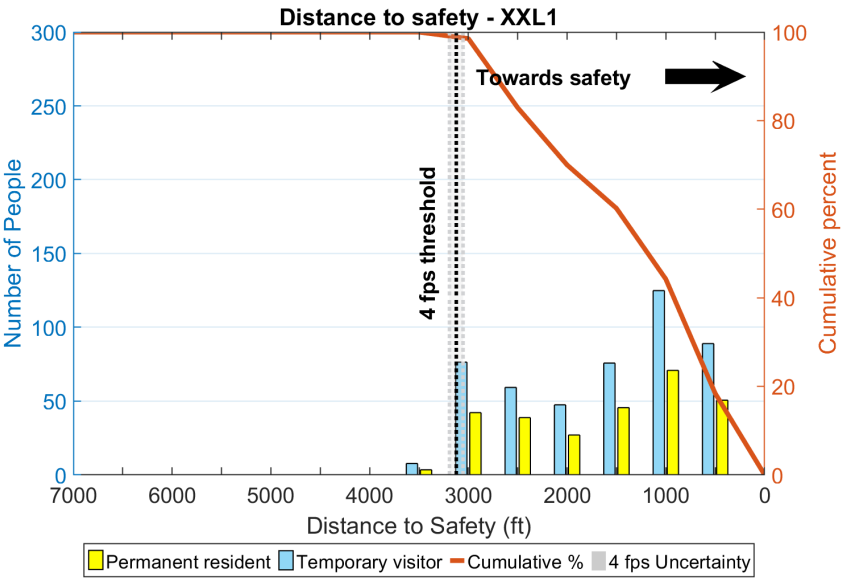
A.



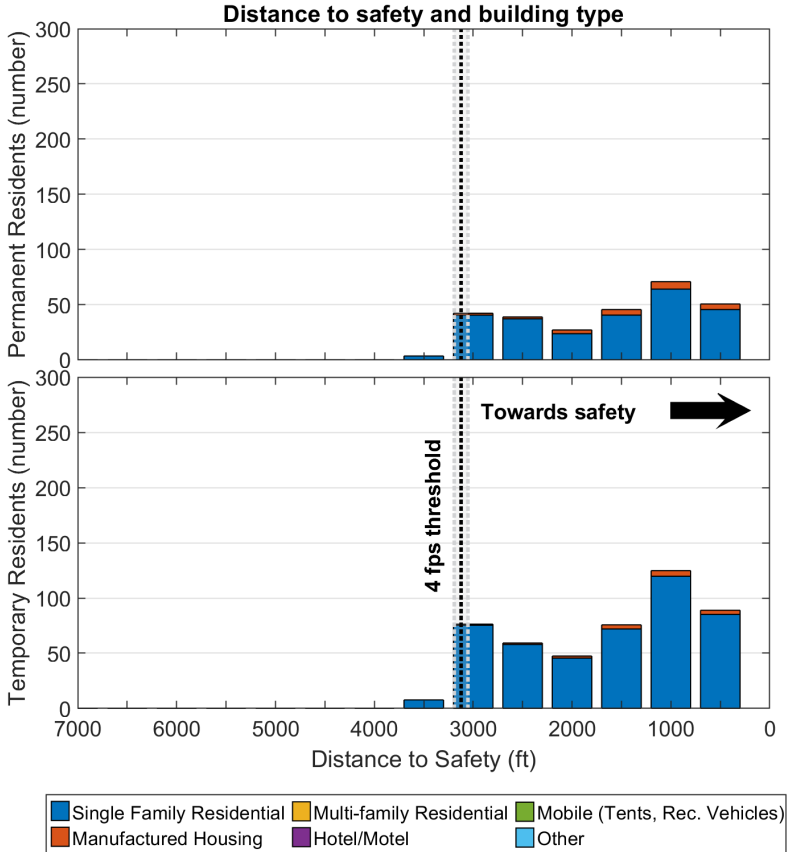
B.



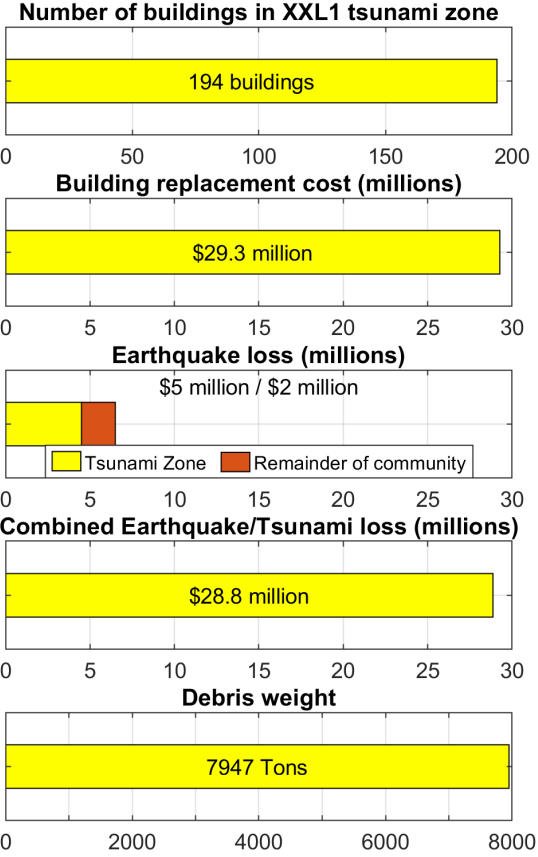
C.



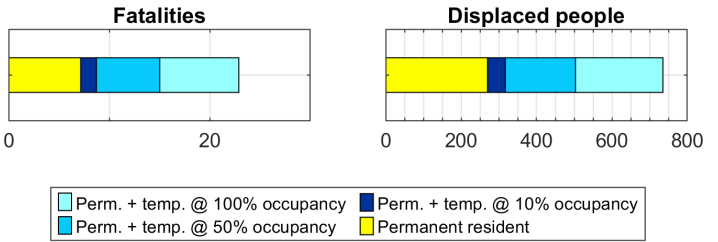
D.



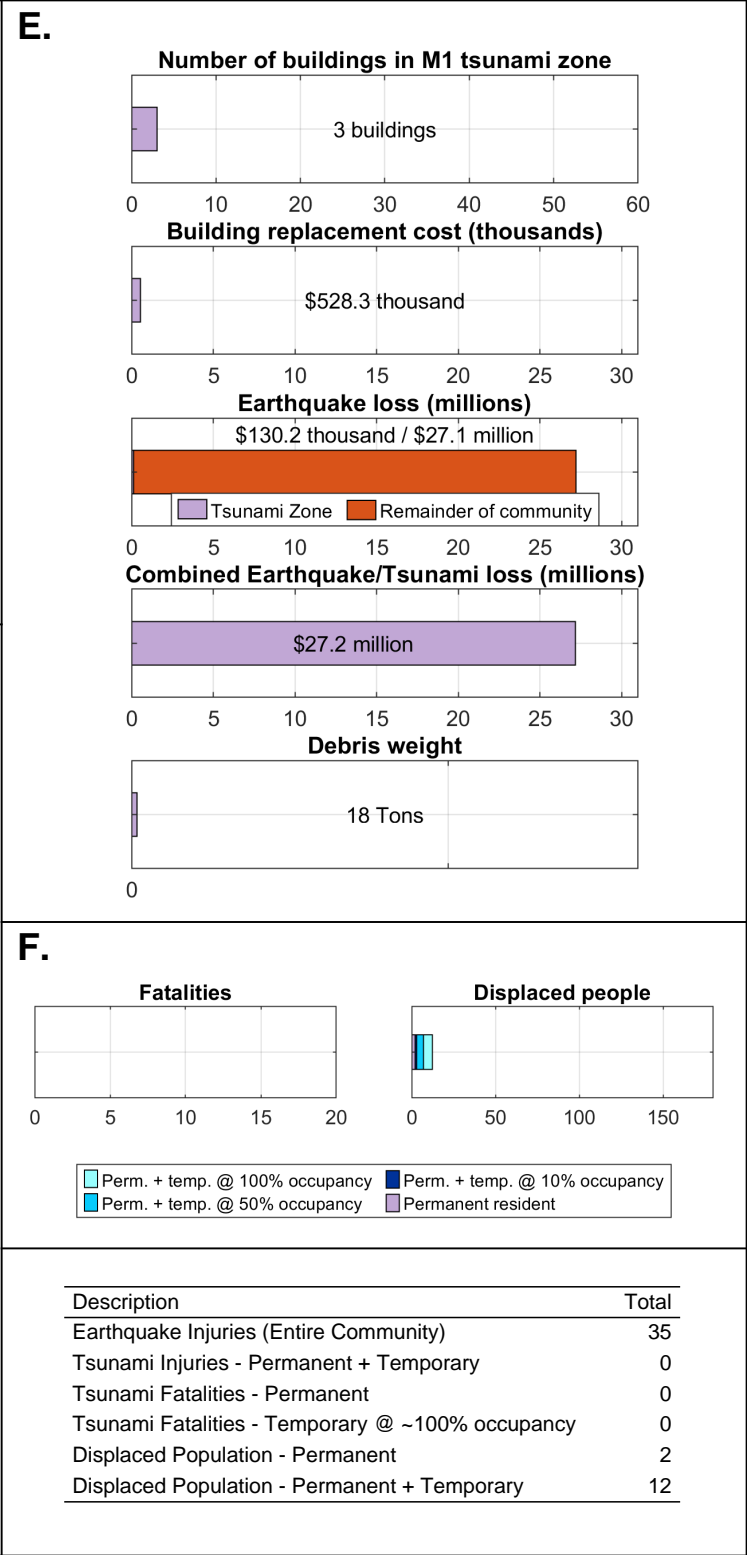
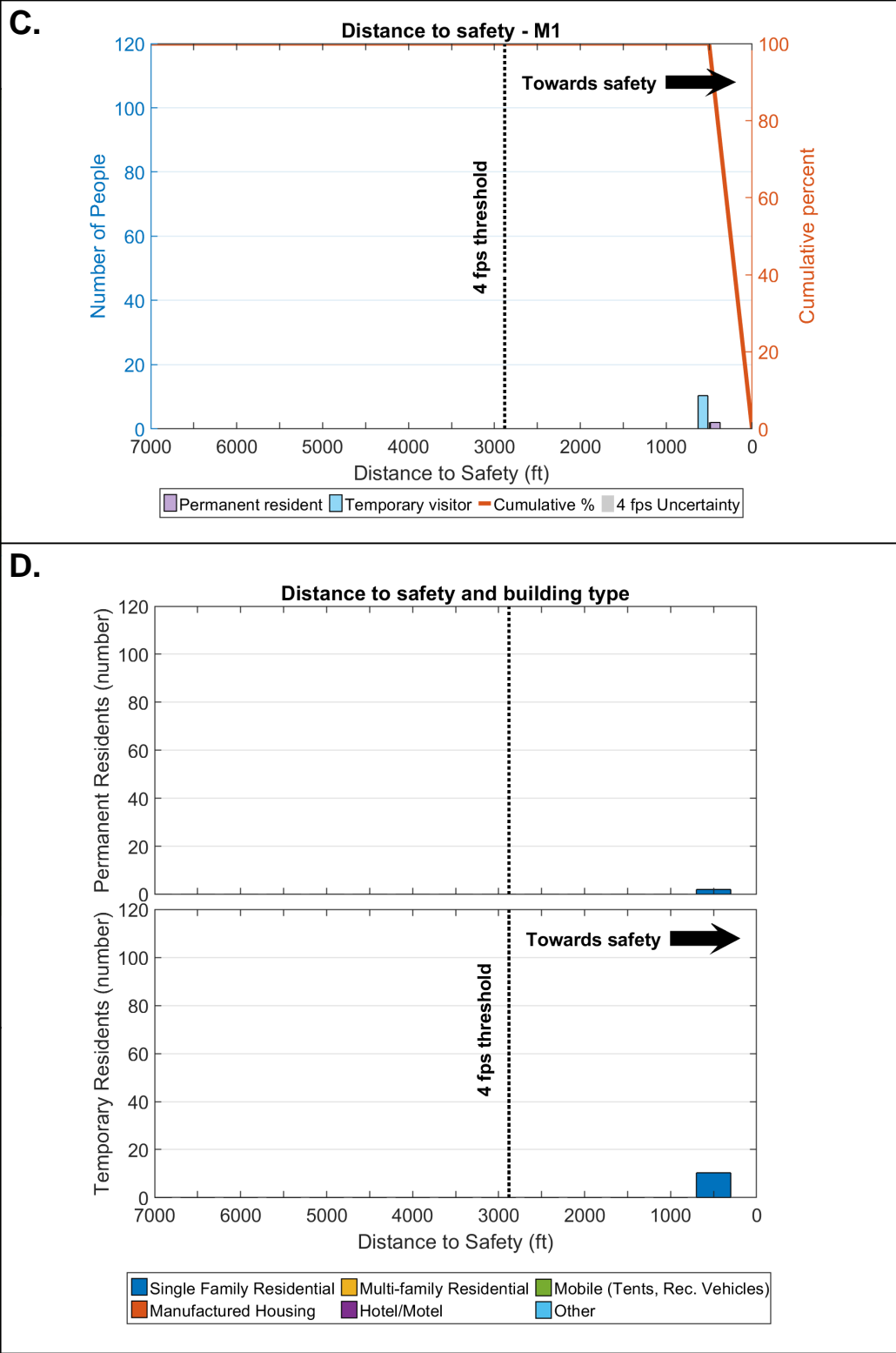
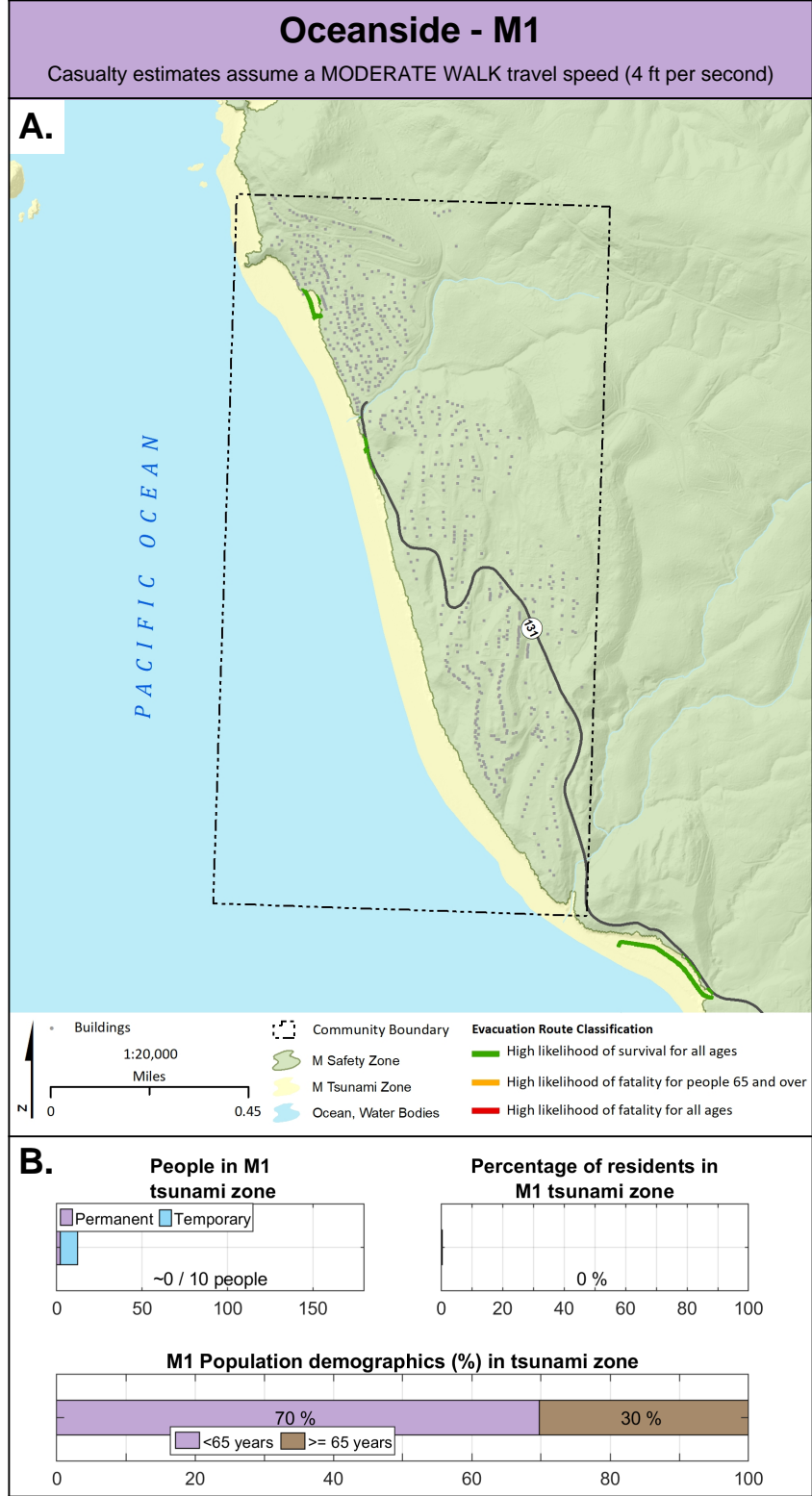
E.

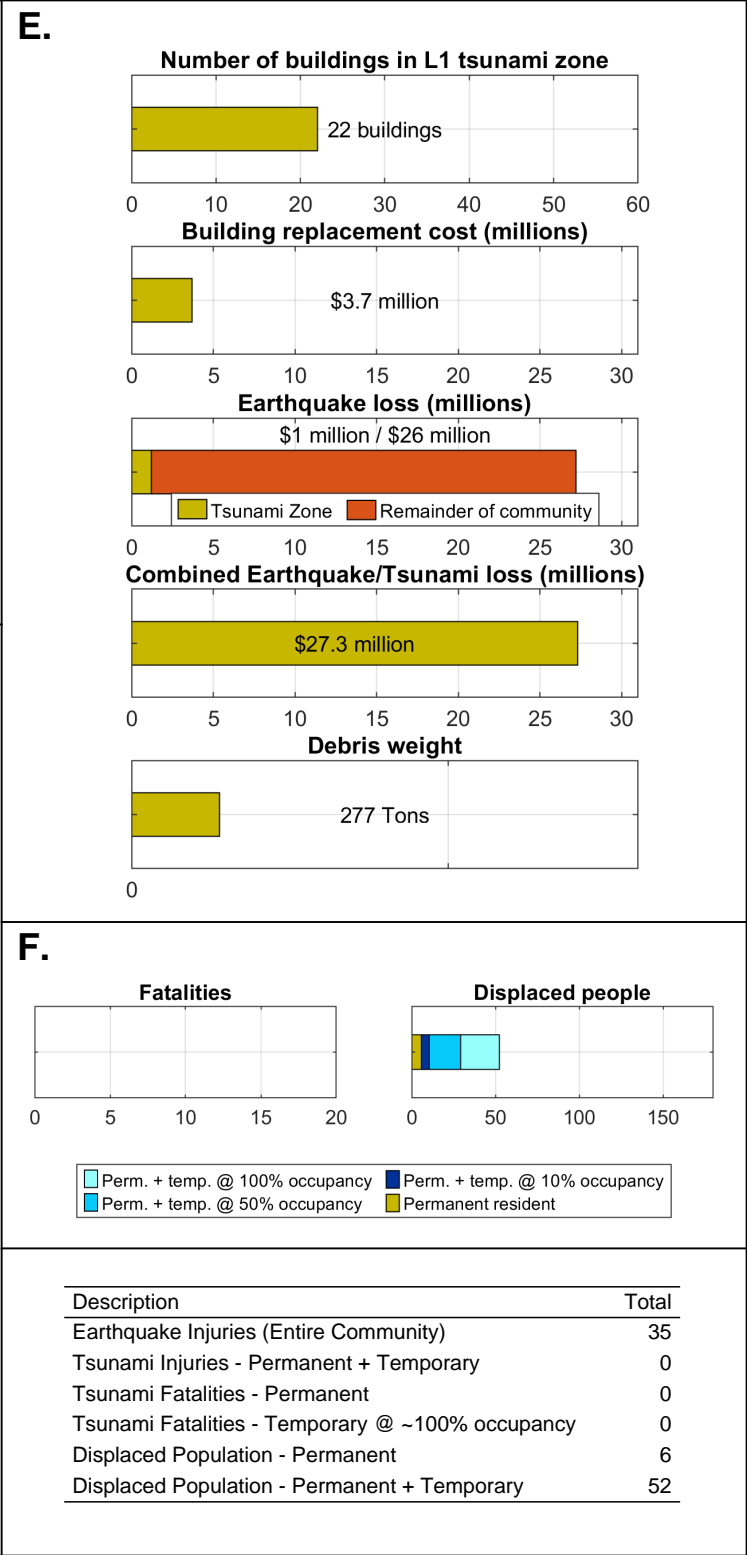
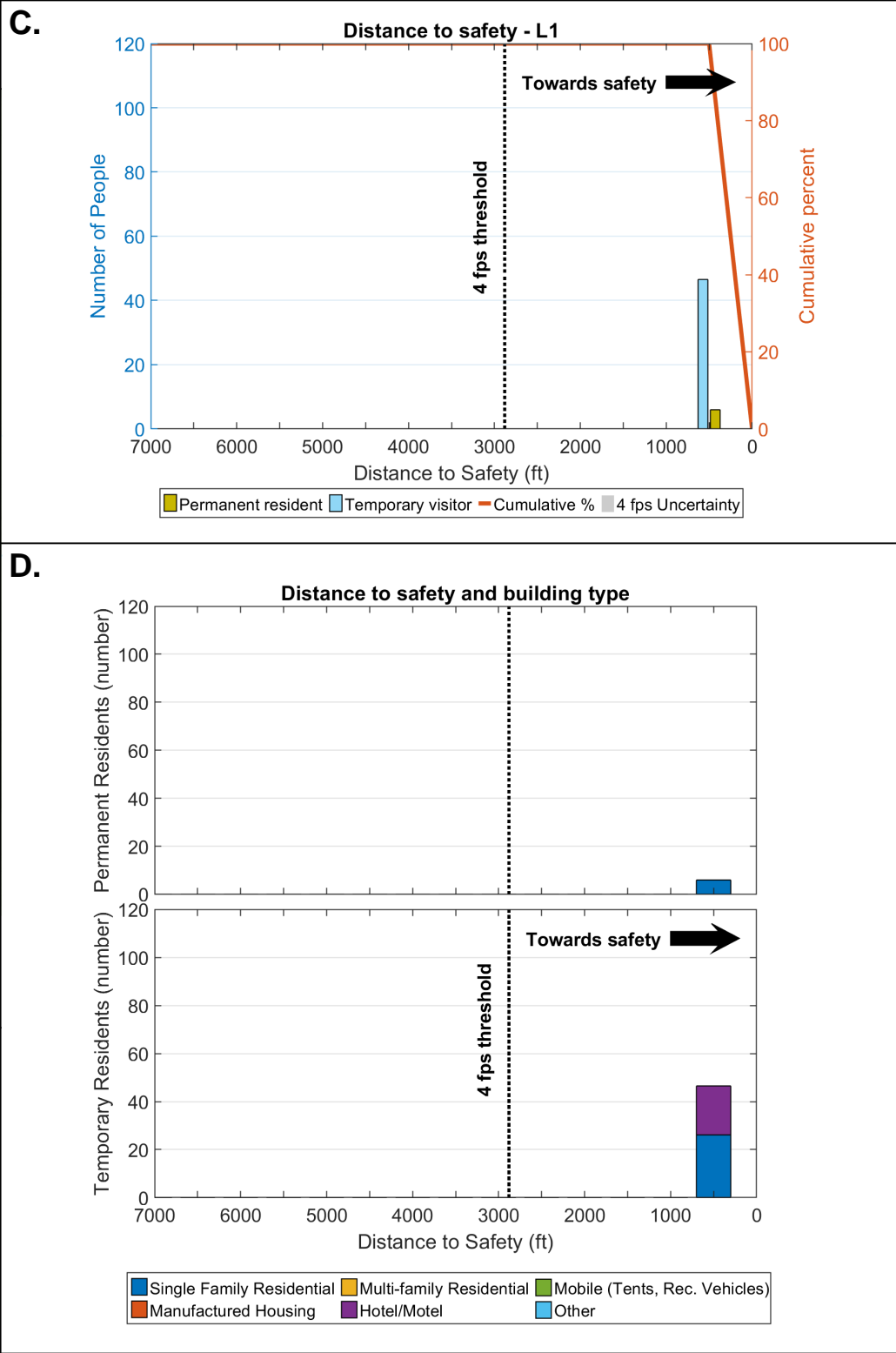
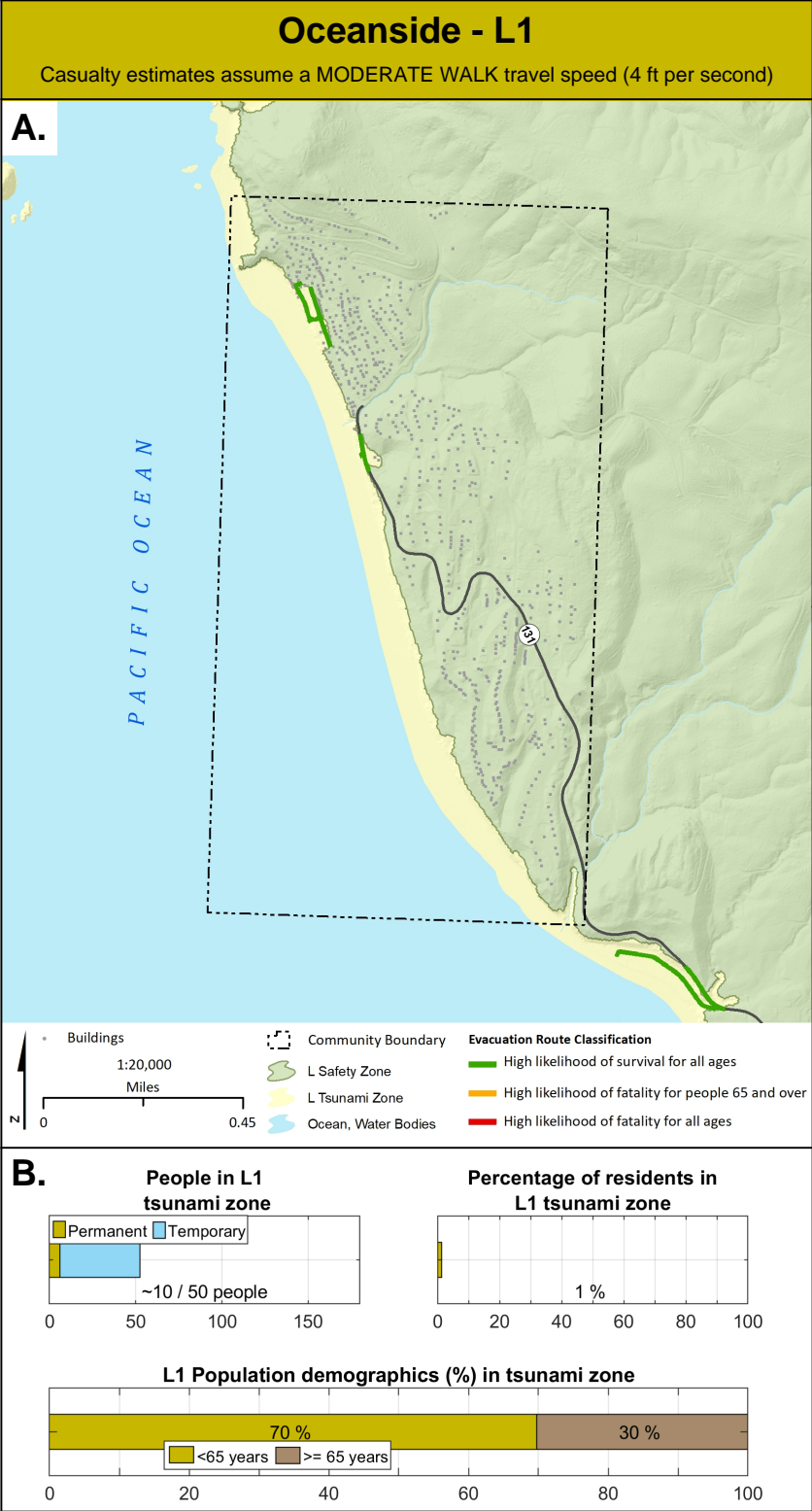


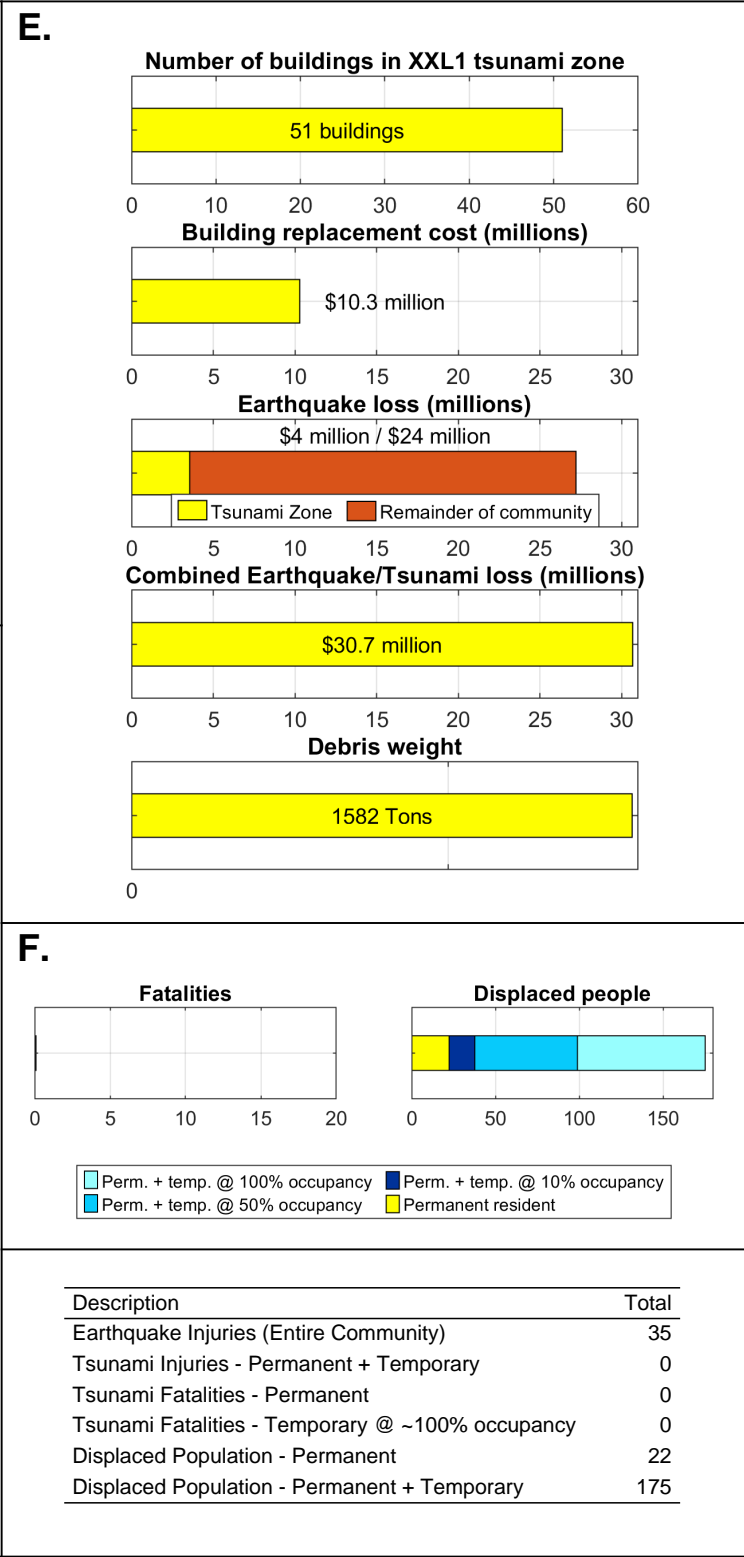
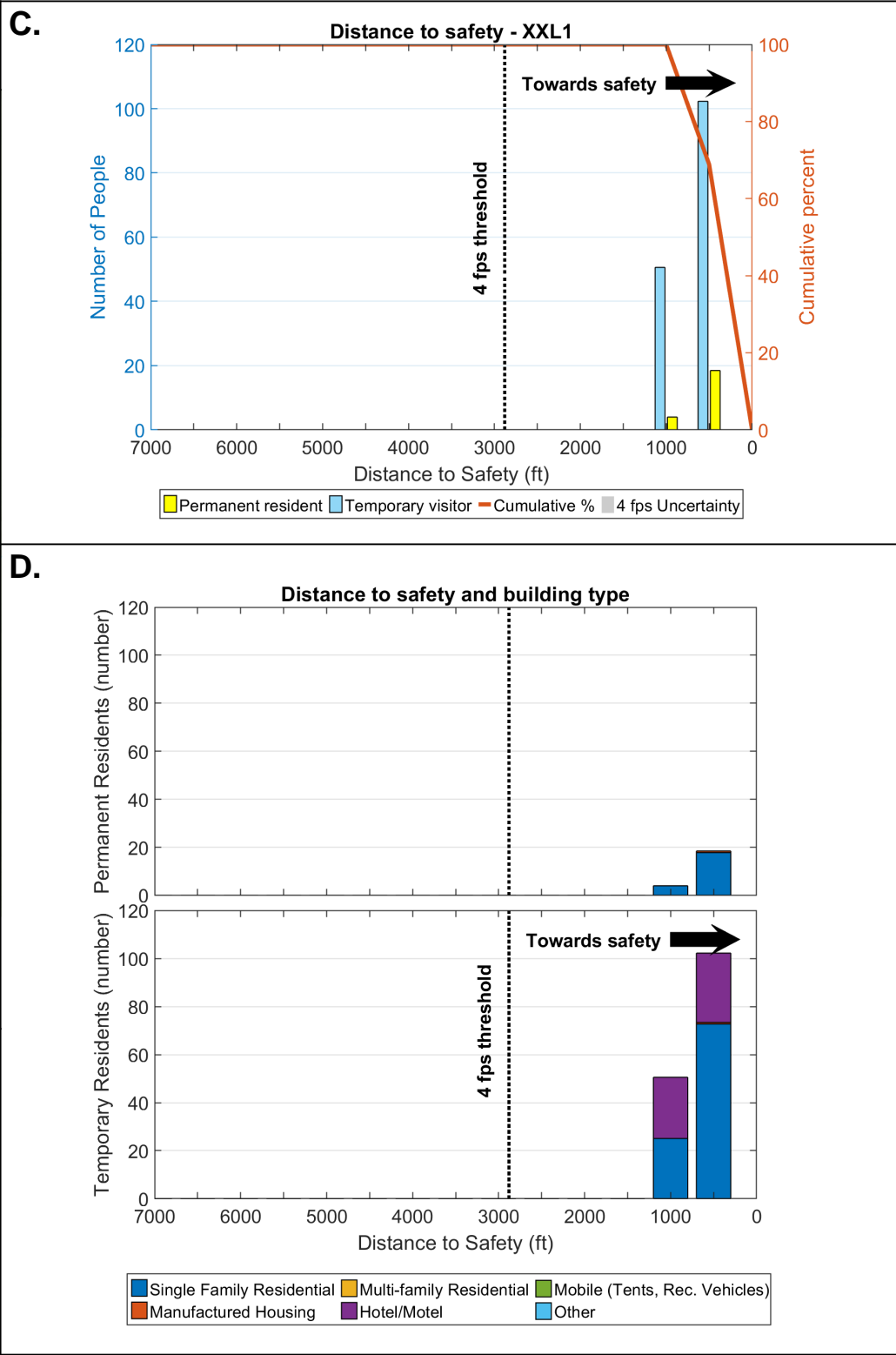
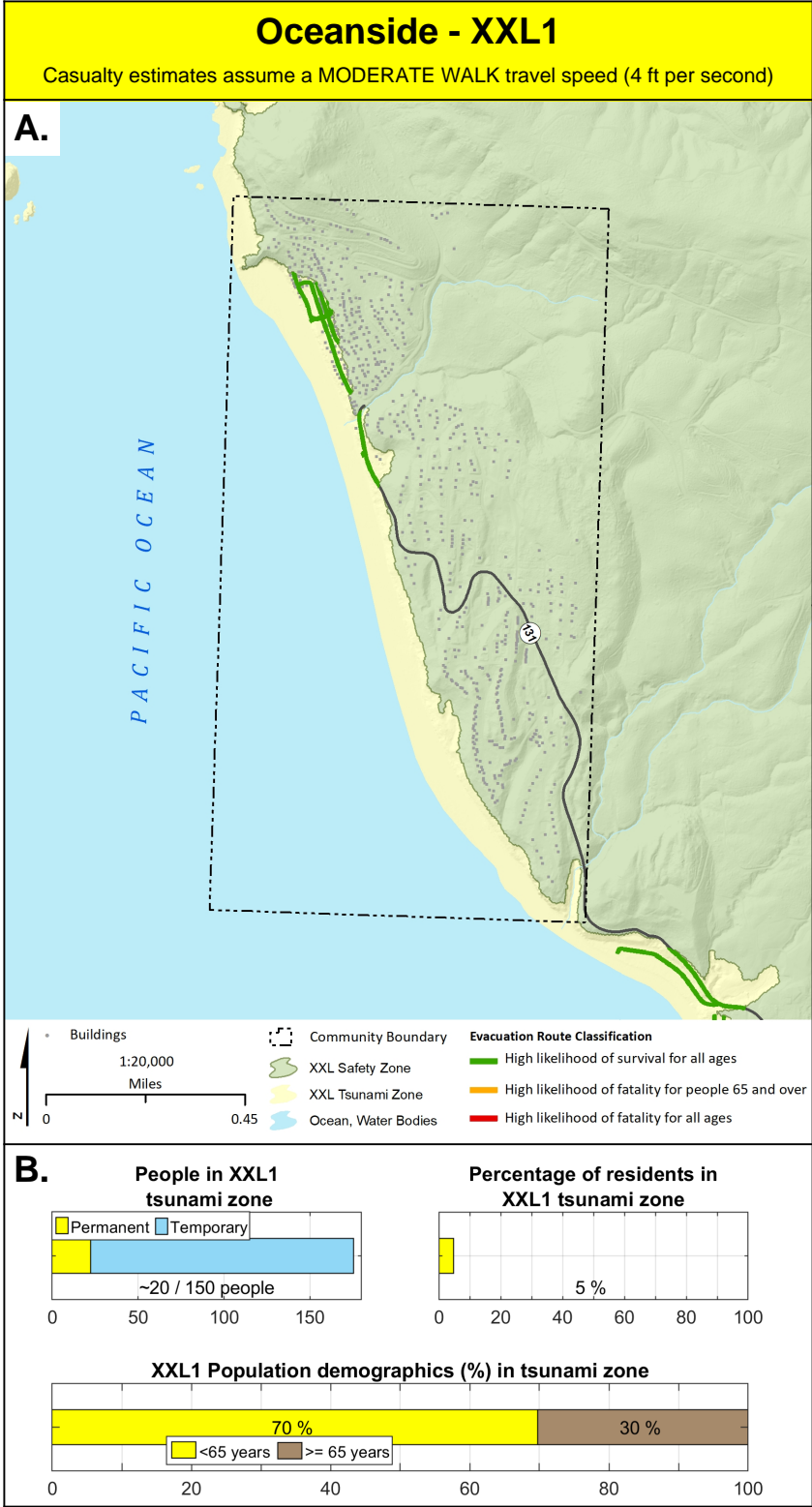
F.

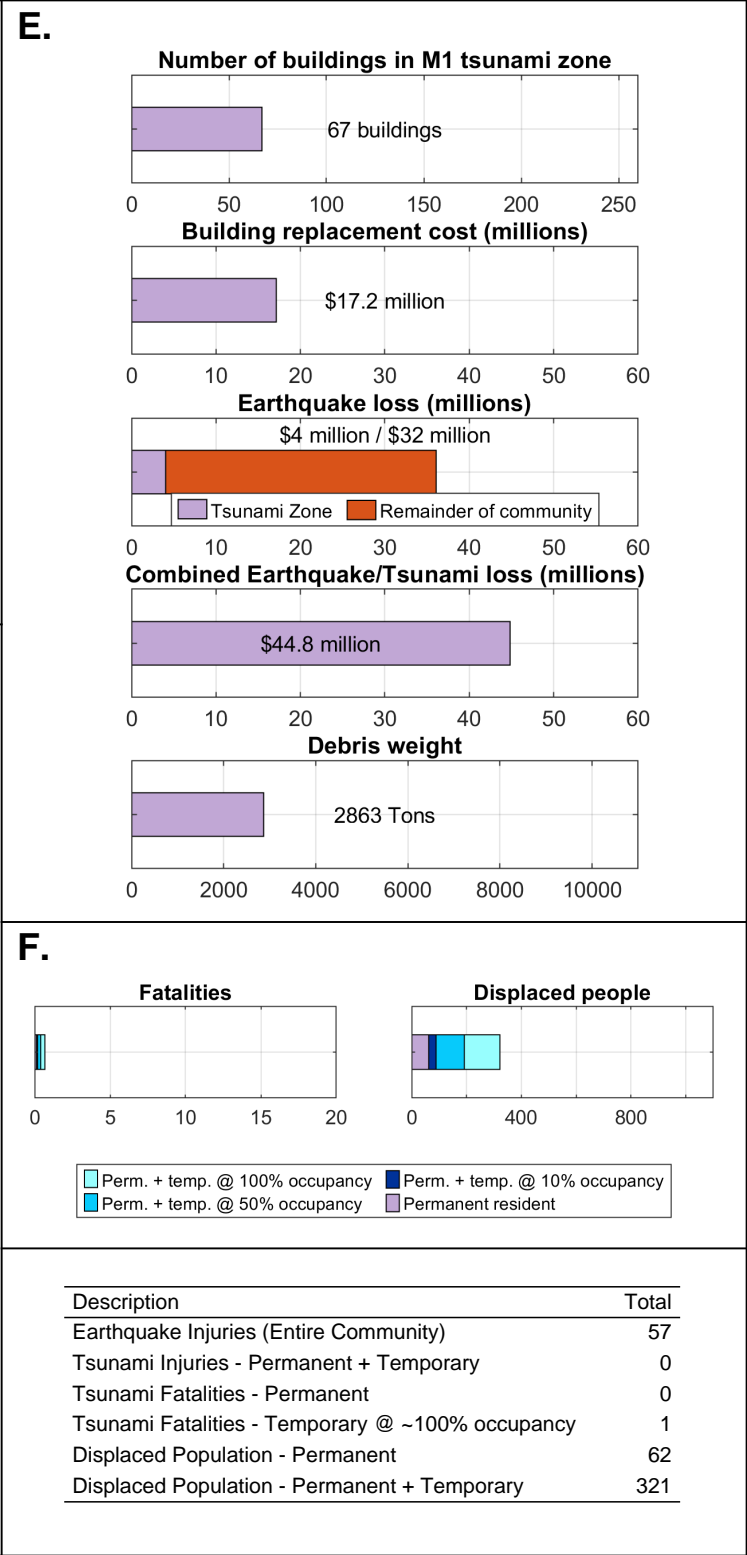
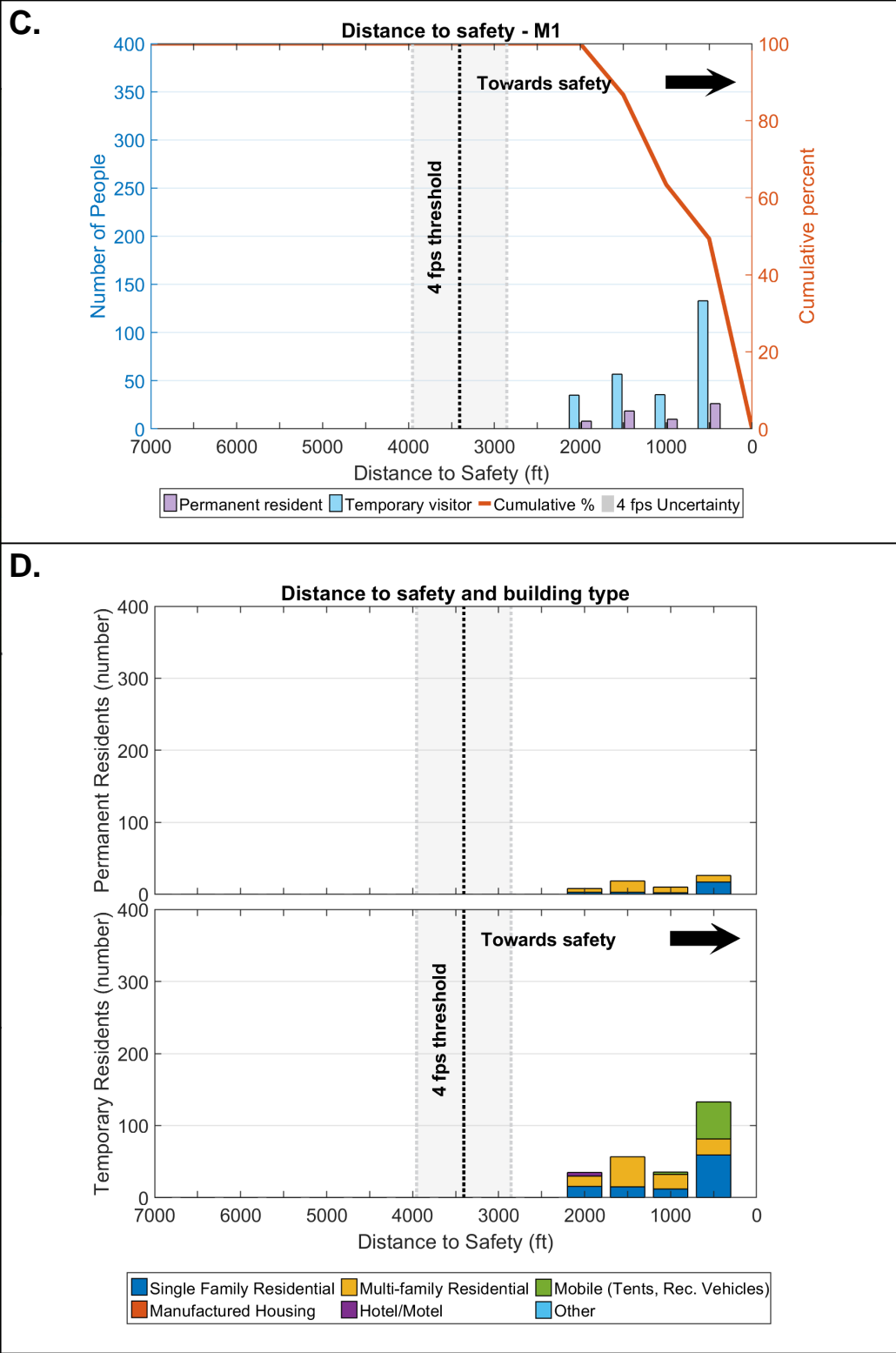
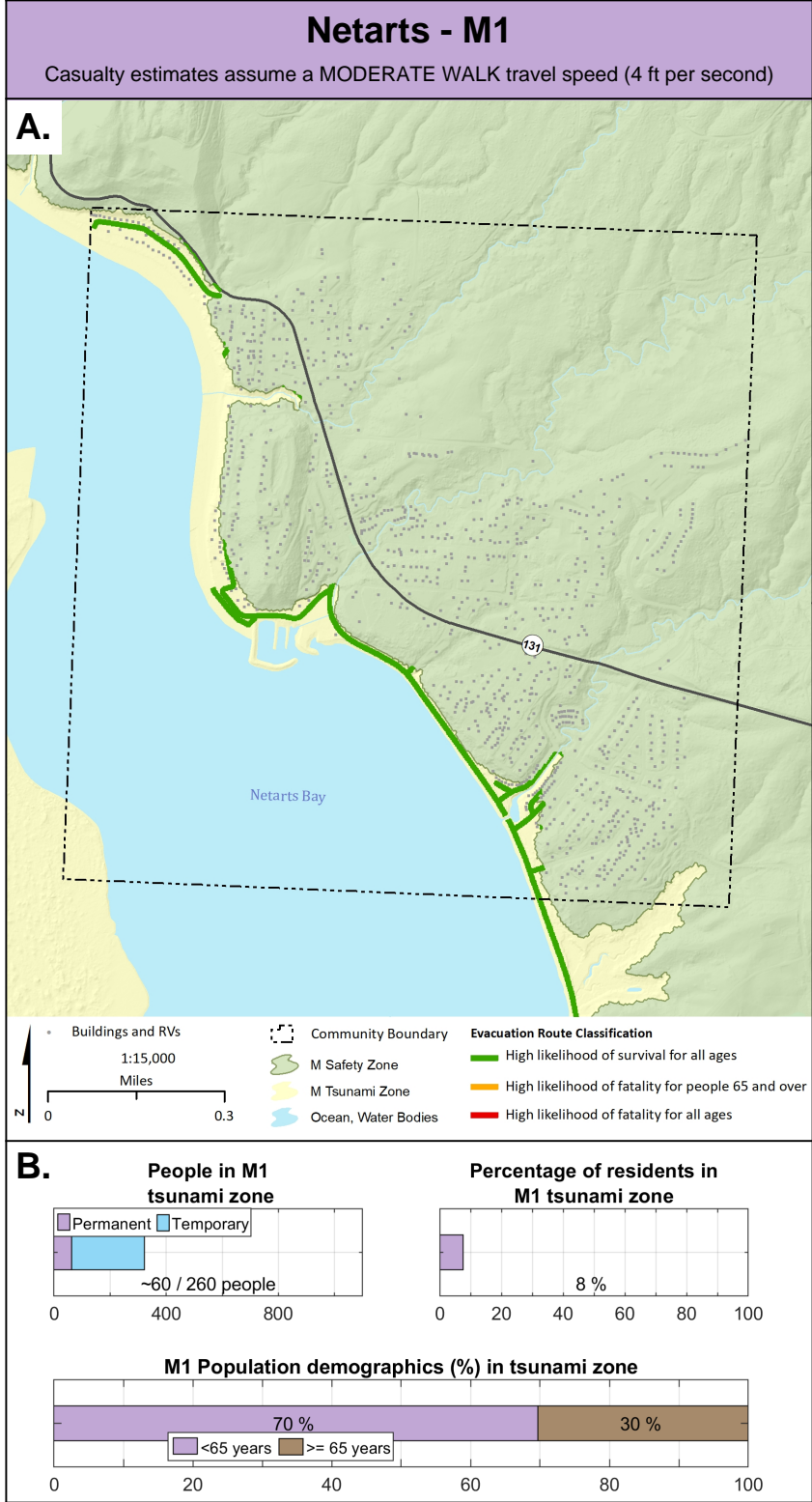


Description	Total
Earthquake Injuries (Entire Community)	17
Tsunami Injuries - Permanent + Temporary	5
Tsunami Fatalities - Permanent	7
Tsunami Fatalities - Temporary @ ~100% occupancy	16
Displaced Population - Permanent	271
Displaced Population - Permanent + Temporary	735





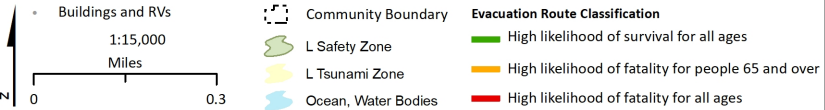
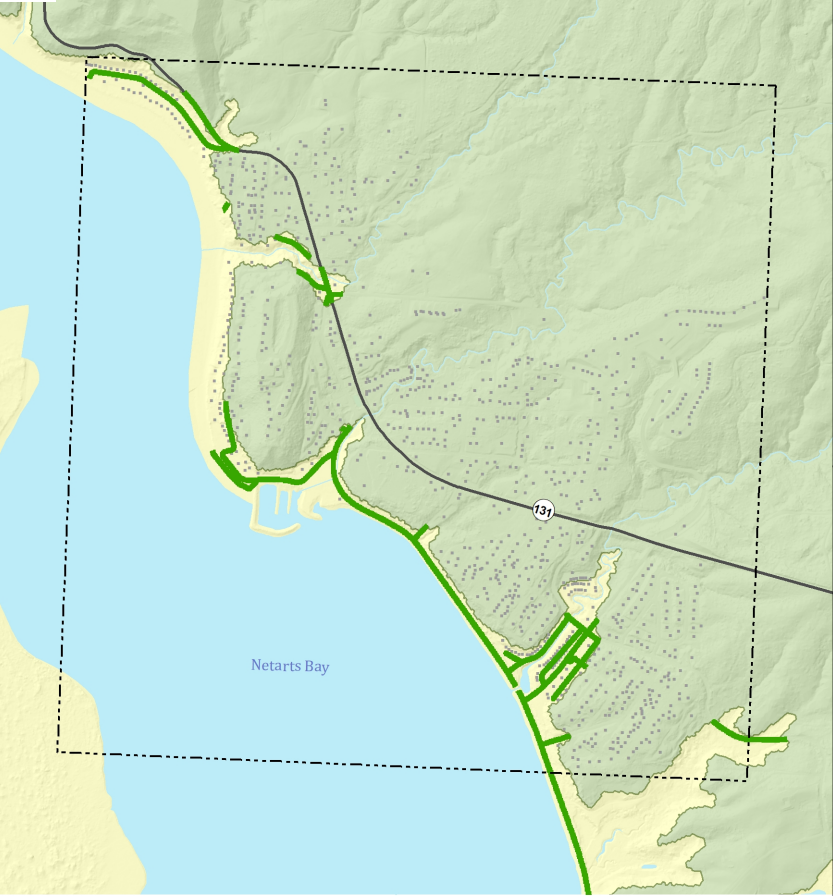




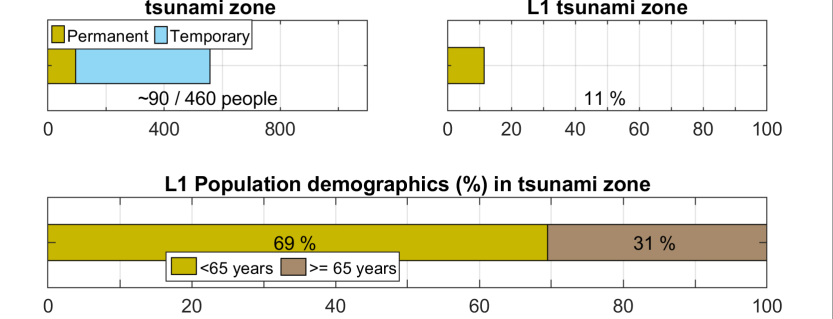
Netarts - L1

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

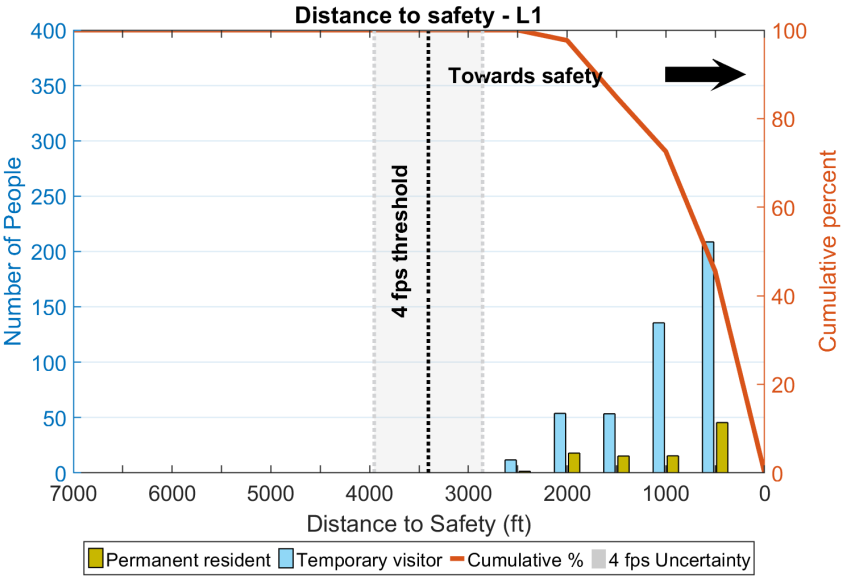
A.



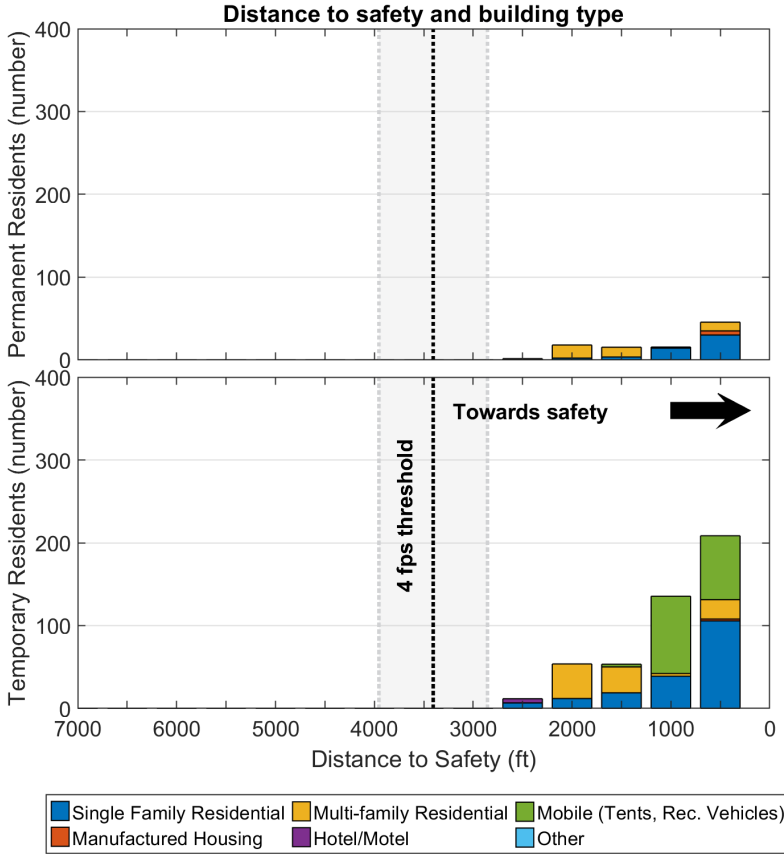
B.



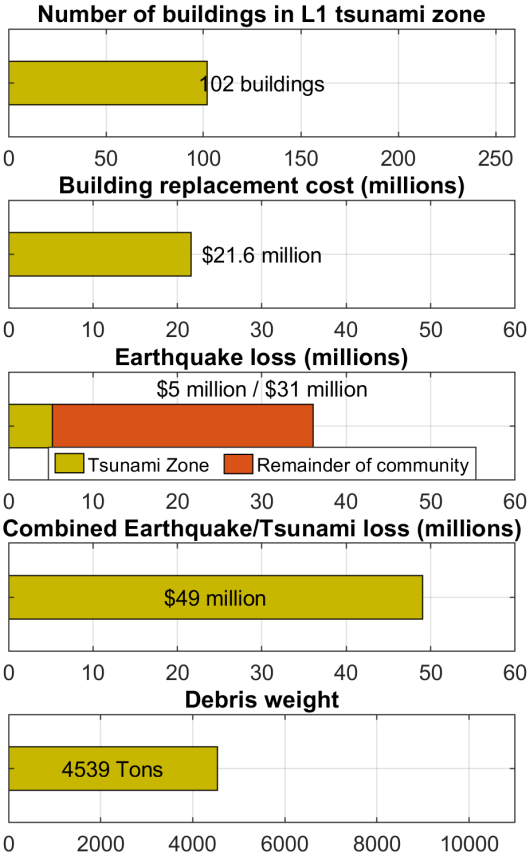
C.



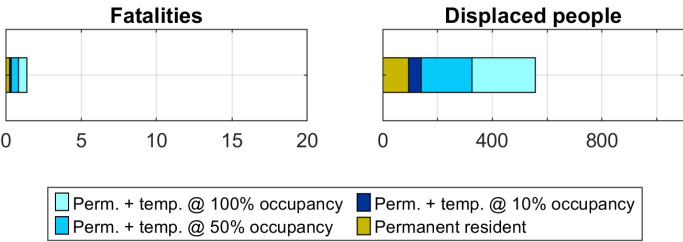
D.



E.



F.

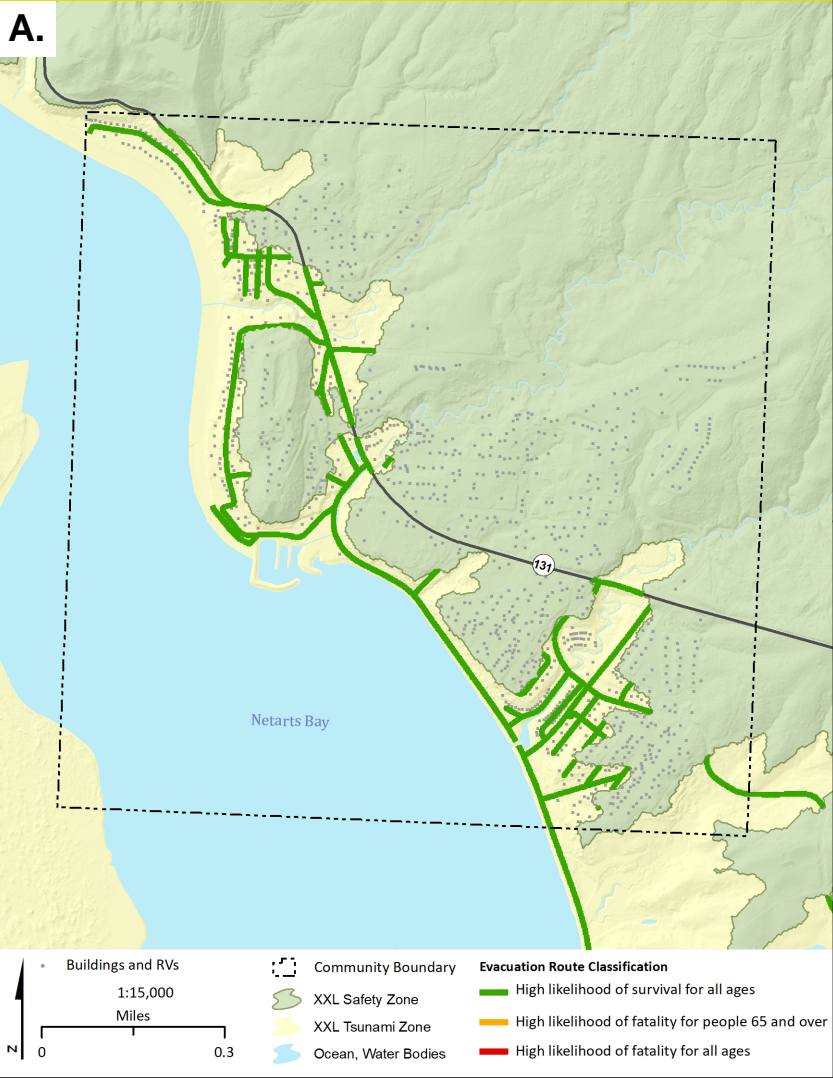


Description	Total
Earthquake Injuries (Entire Community)	57
Tsunami Injuries - Permanent + Temporary	0
Tsunami Fatalities - Permanent	0
Tsunami Fatalities - Temporary @ ~100% occupancy	1
Displaced Population - Permanent	95
Displaced Population - Permanent + Temporary	556

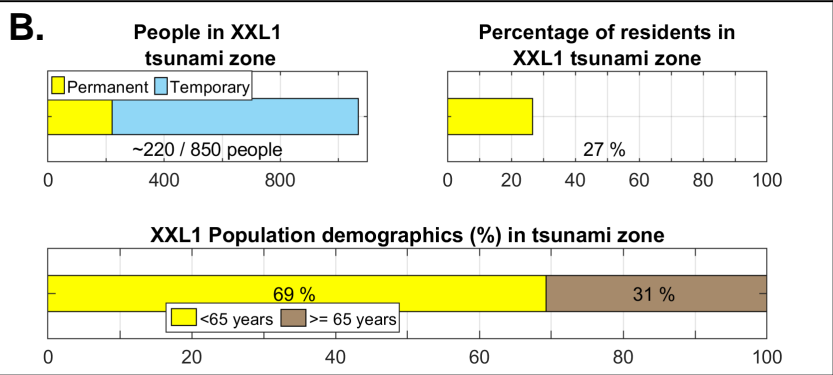
Netarts - XXL1

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

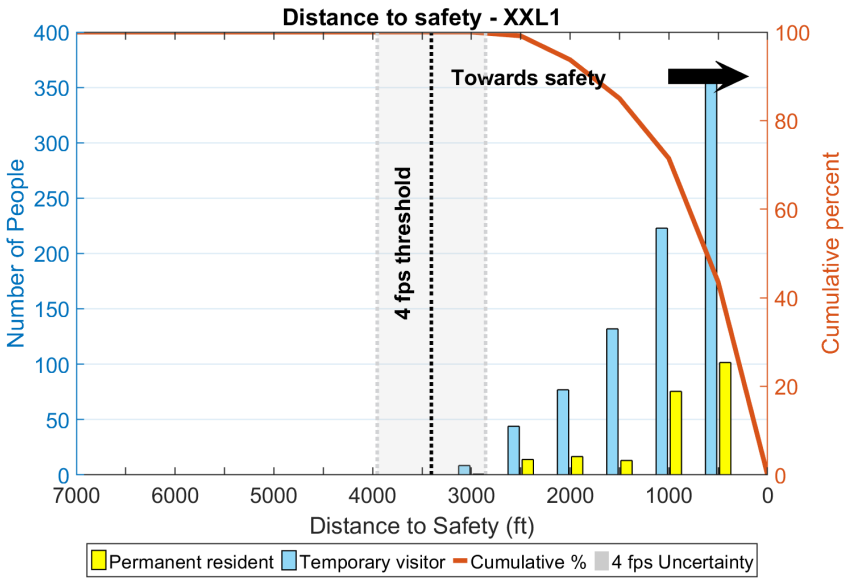
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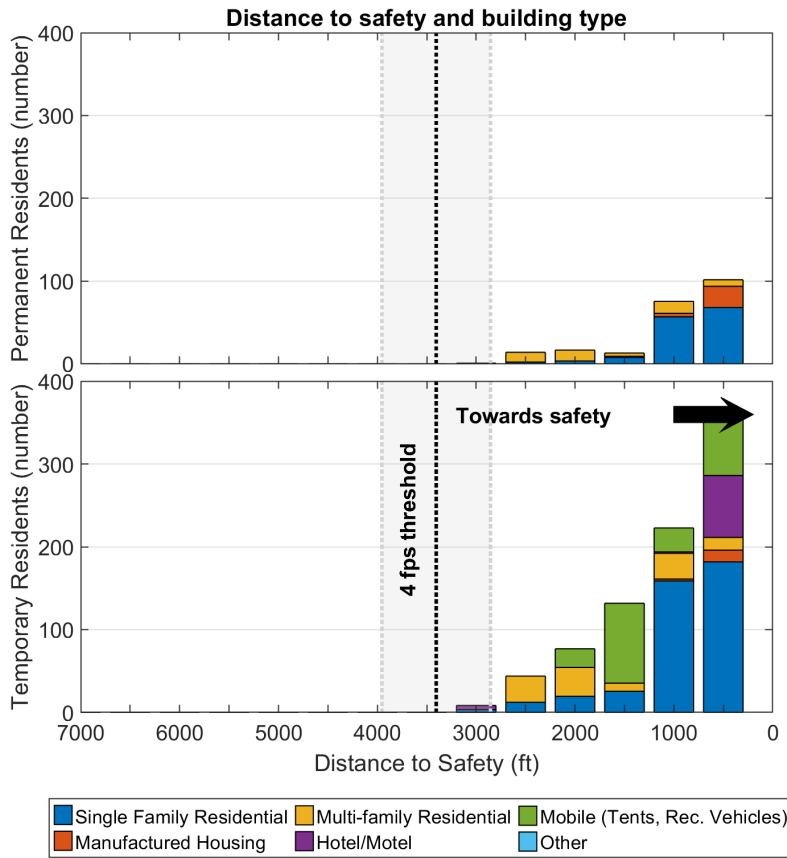
B.



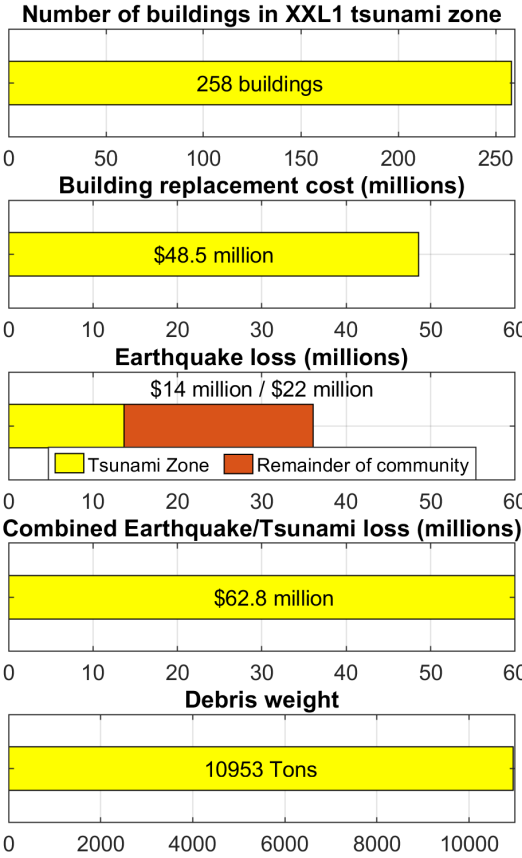
C.



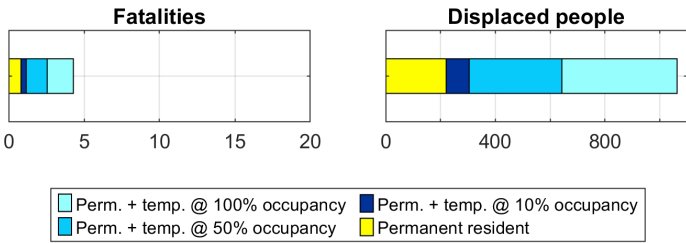
D.



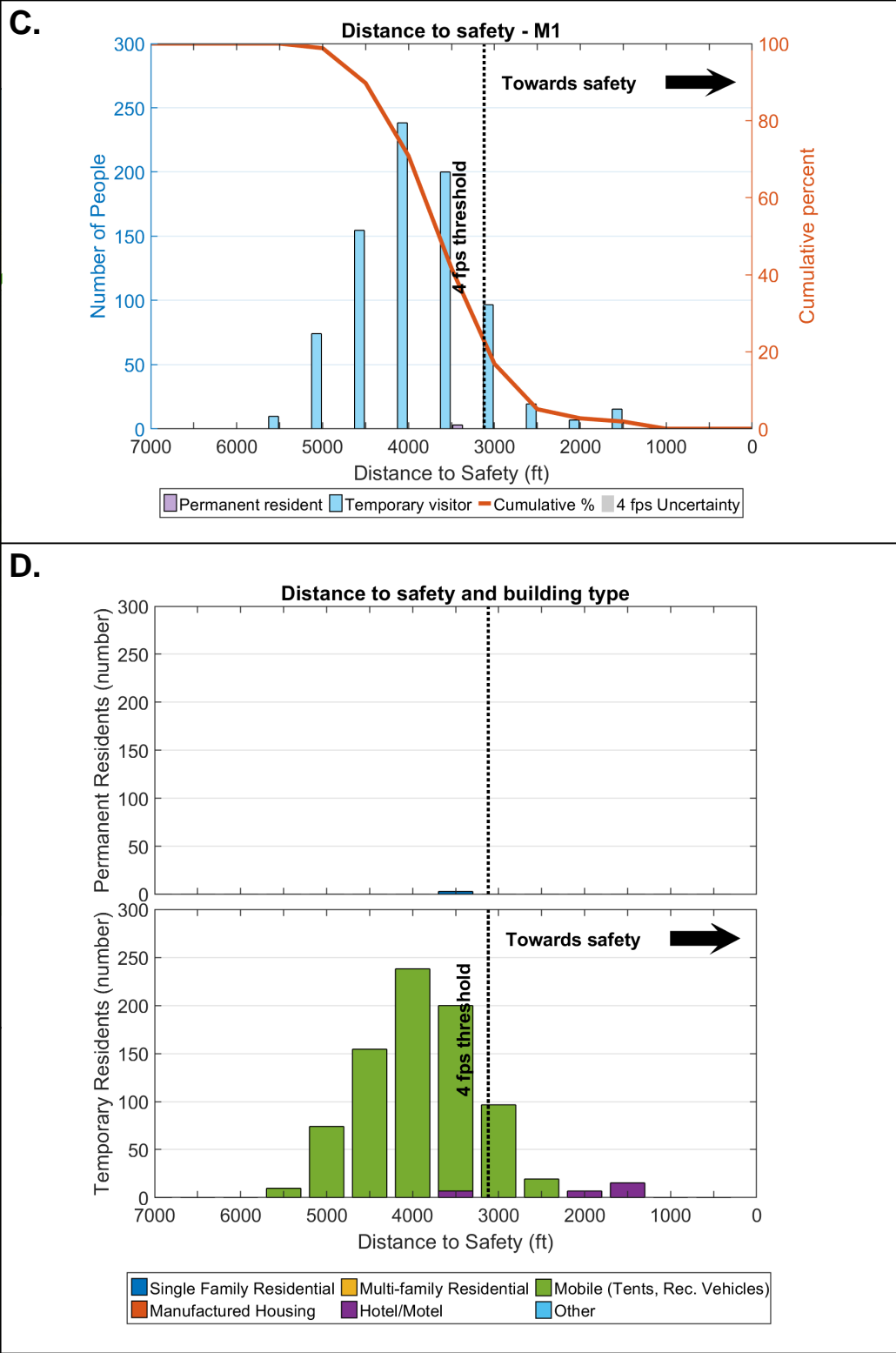
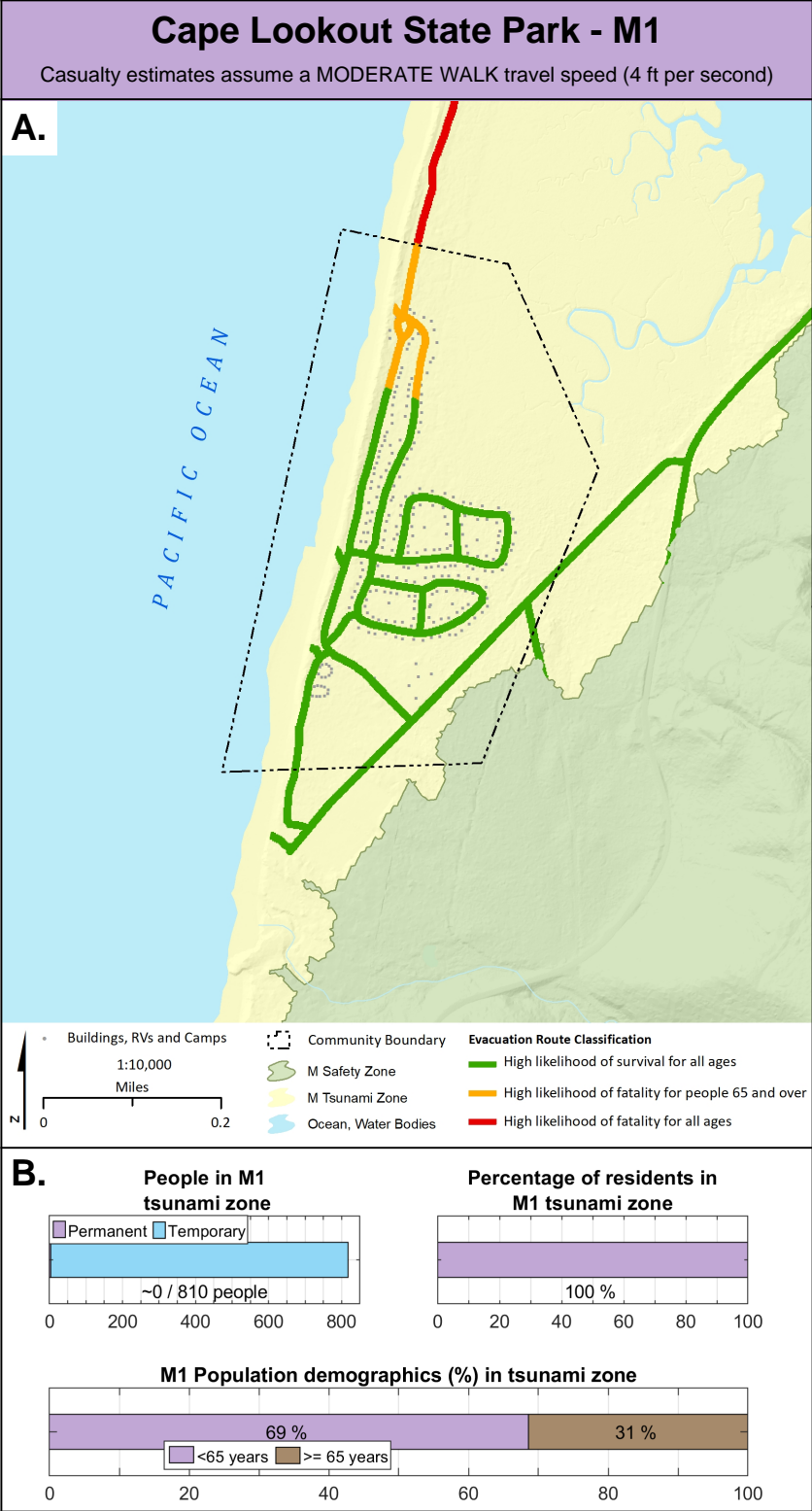
E.



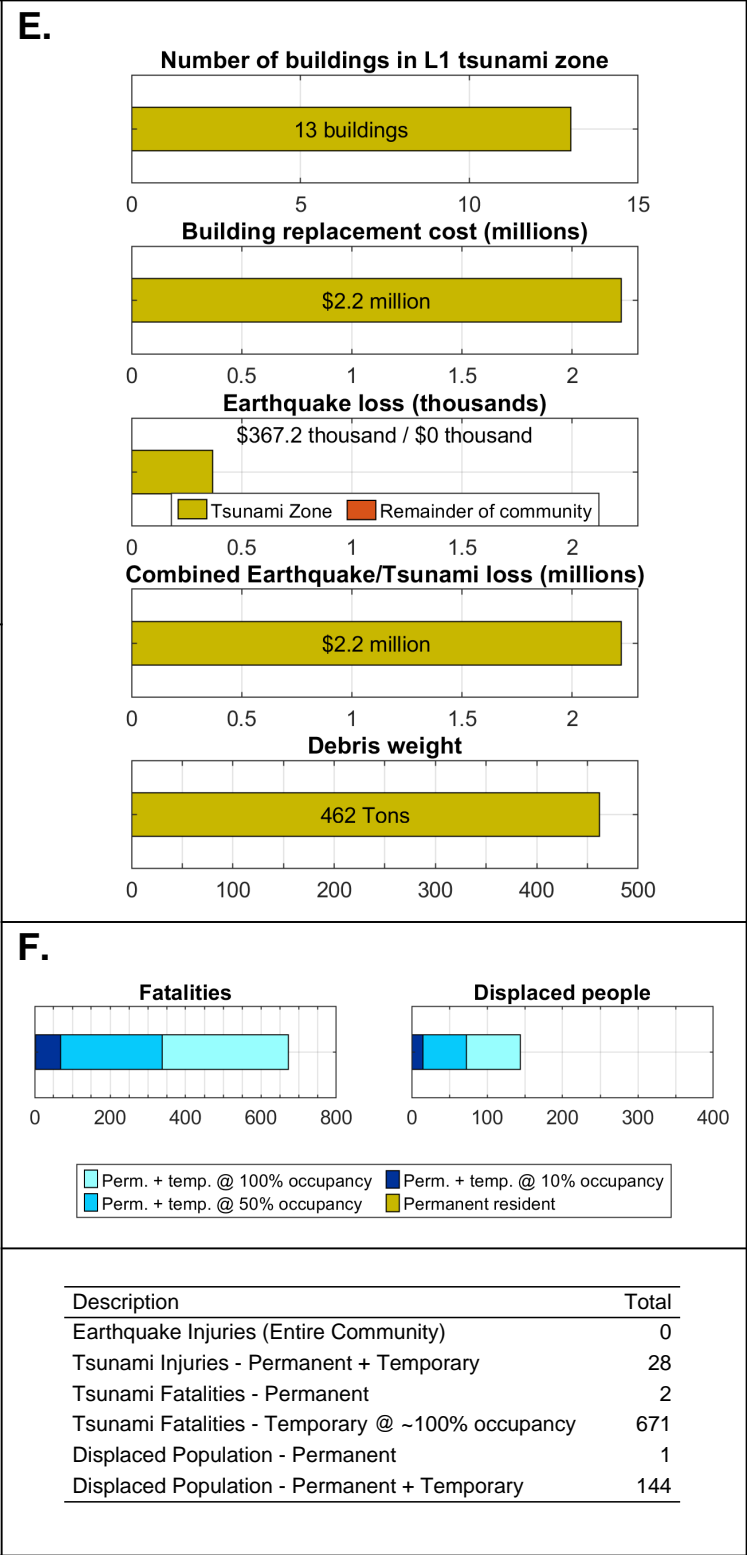
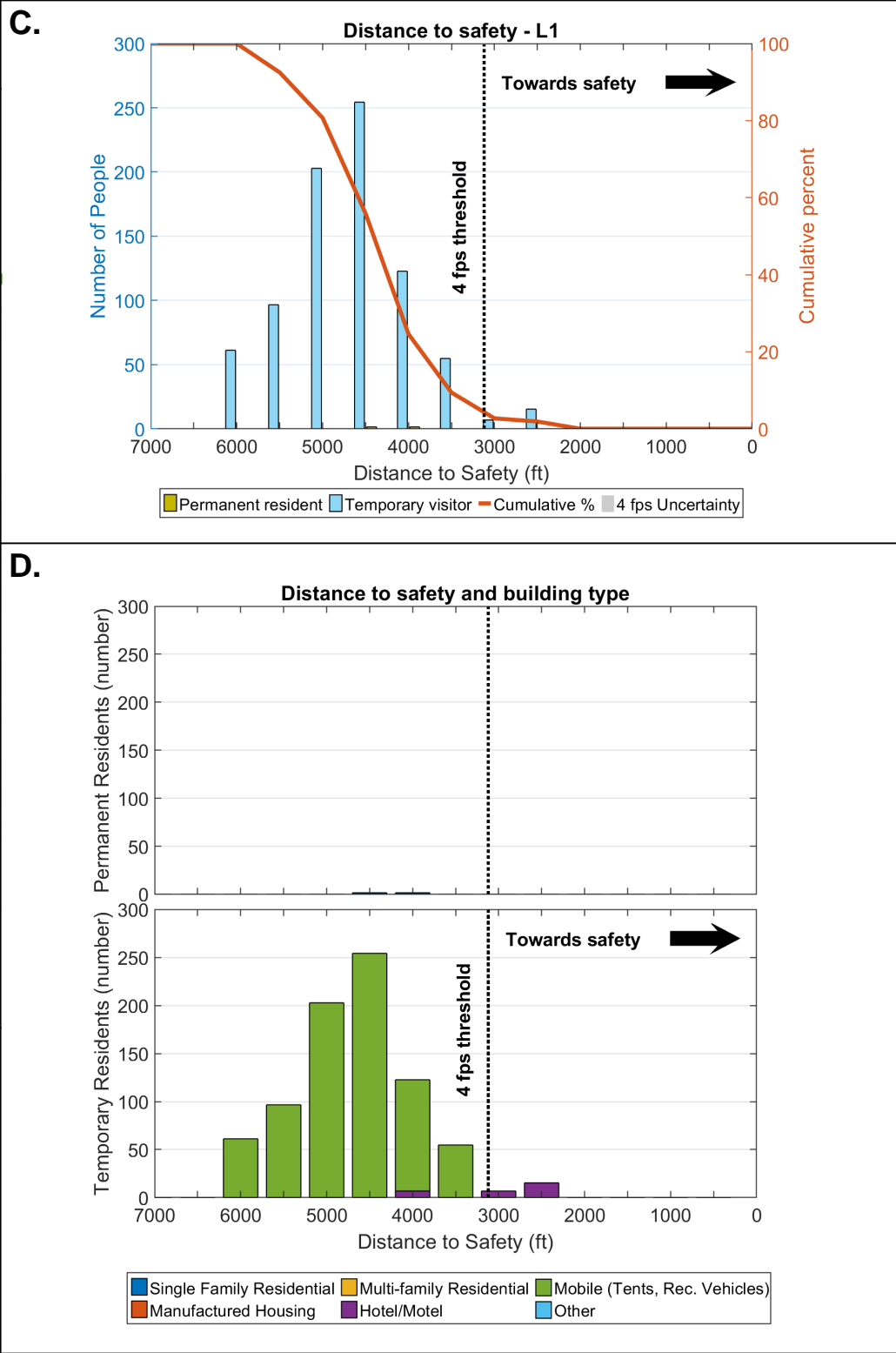
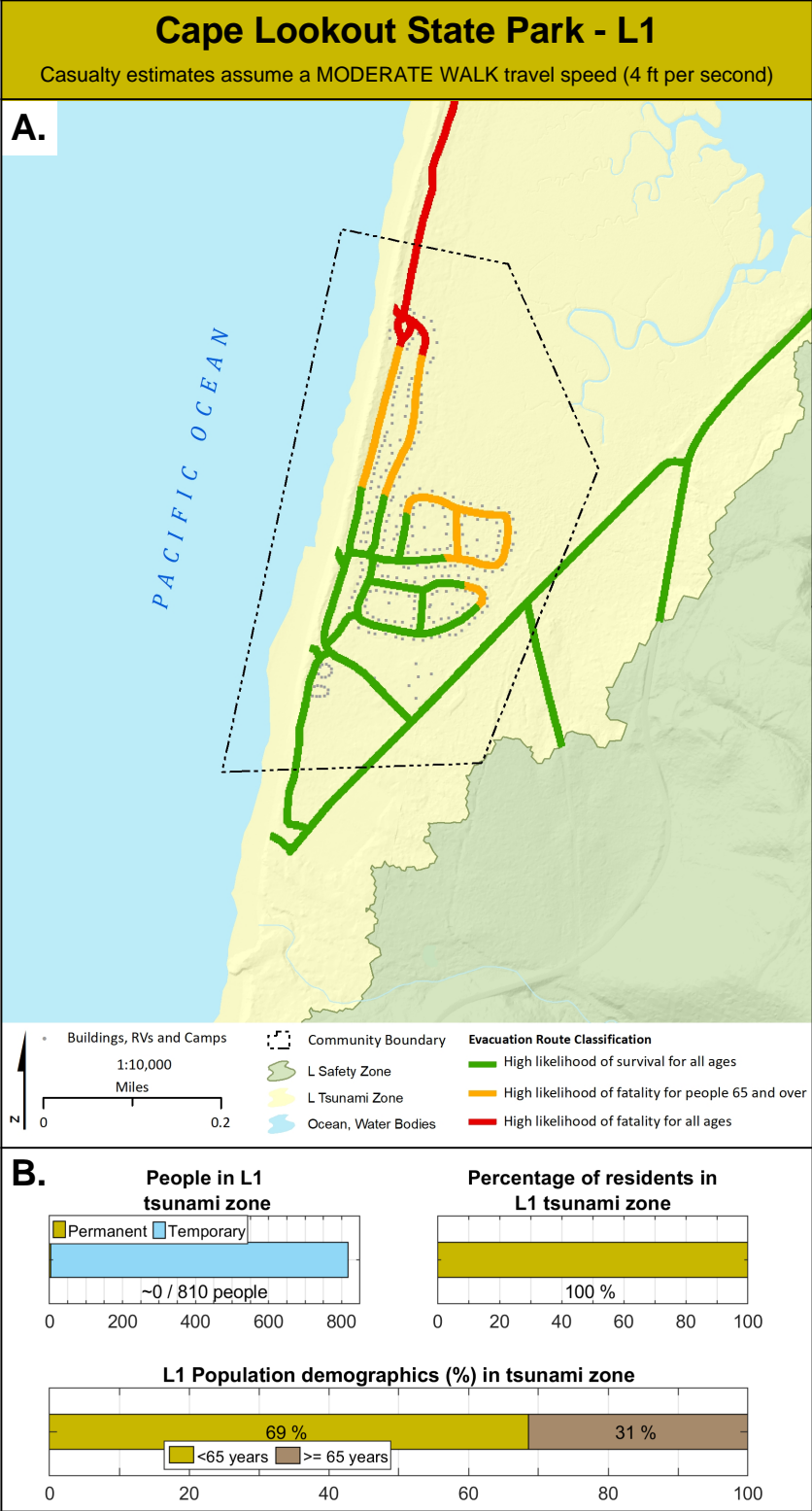
F.

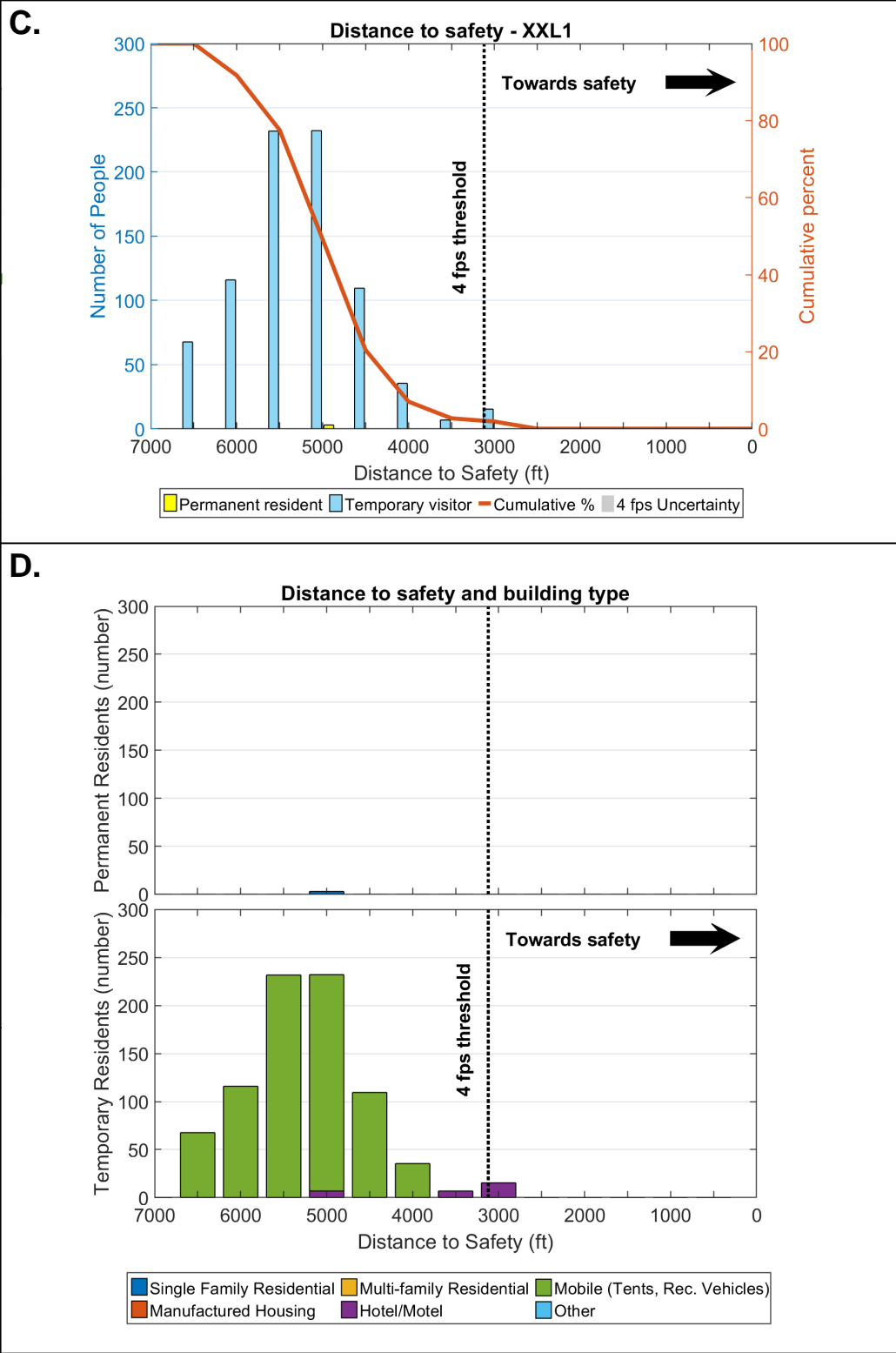
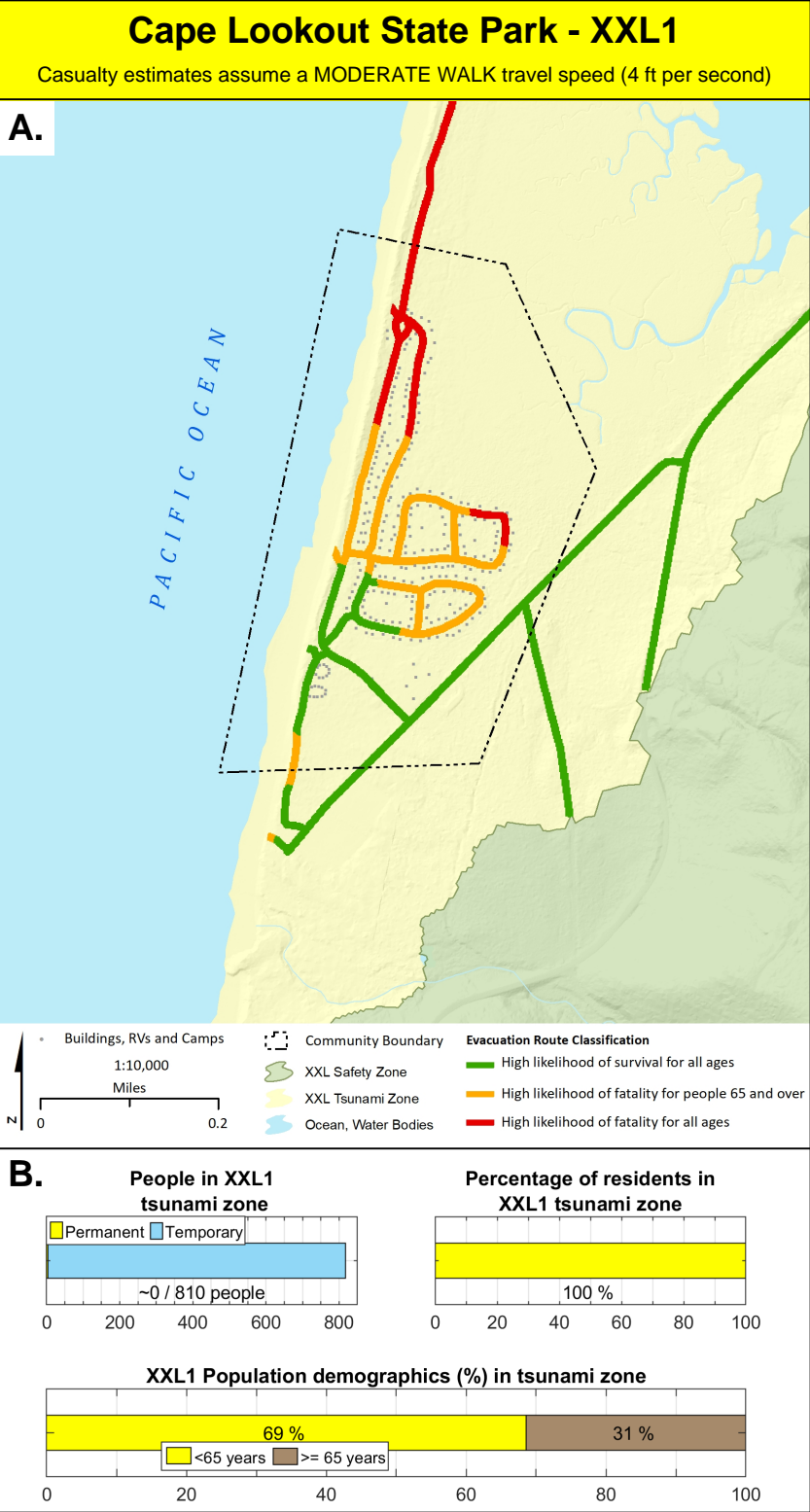


Description	Total
Earthquake Injuries (Entire Community)	57
Tsunami Injuries - Permanent + Temporary	1
Tsunami Fatalities - Permanent	1
Tsunami Fatalities - Temporary @ ~100% occupancy	3
Displaced Population - Permanent	220
Displaced Population - Permanent + Temporary	1,064



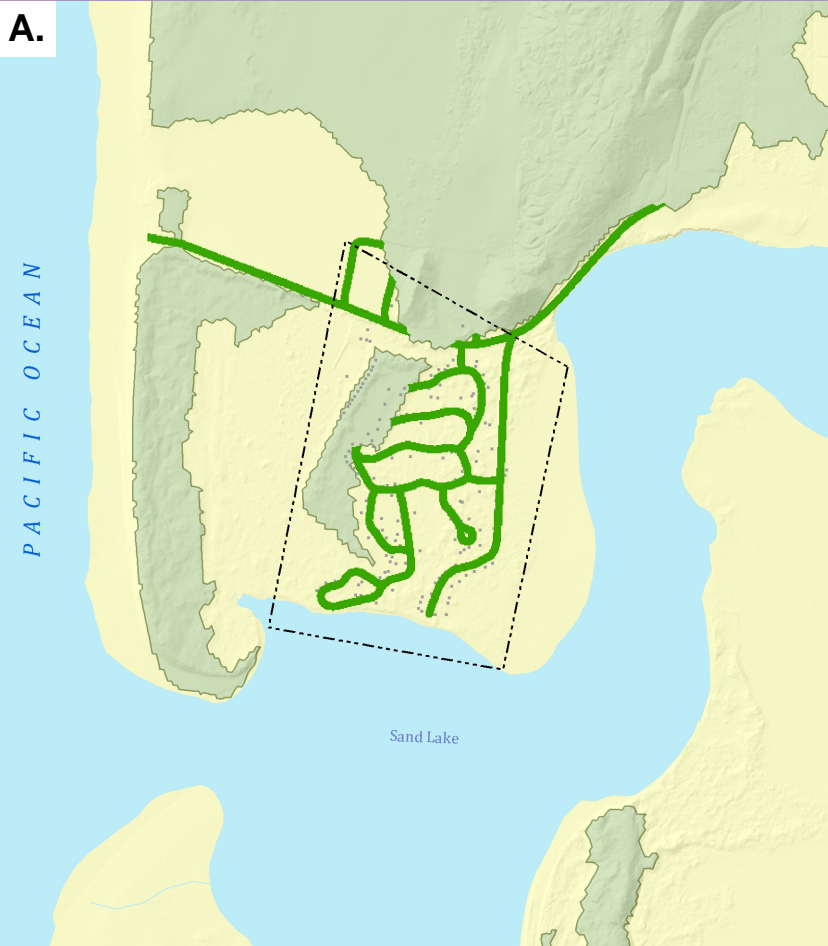
Description	Total
Earthquake Injuries (Entire Community)	0
Tsunami Injuries - Permanent + Temporary	40
Tsunami Fatalities - Permanent	1
Tsunami Fatalities - Temporary @ ~100% occupancy	444
Displaced Population - Permanent	2
Displaced Population - Permanent + Temporary	372





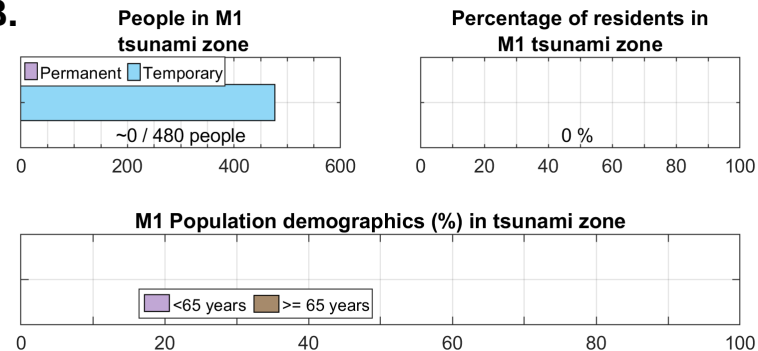
Casualty estimates assume a MODERATE WALK travel speed (4 ft per second)

A.

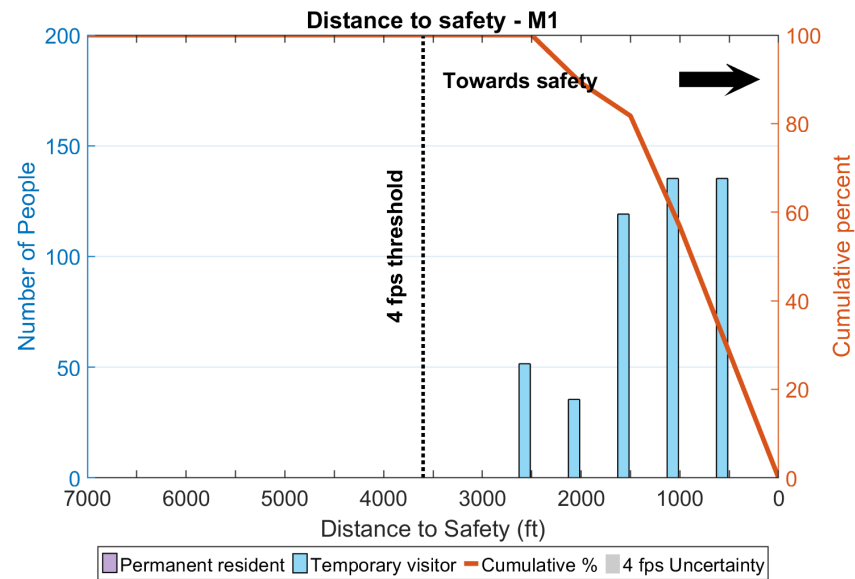


• Buildings, RVs and Camps
 1:10,000
 Miles
 0 0.2
 N
 Community Boundary
 M Safety Zone
 M Tsunami Zone
 Ocean, Water Bodies
Evacuation Route Classification
 High likelihood of survival for all ages
 High likelihood of fatality for people 65 and over
 High likelihood of fatality for all ages

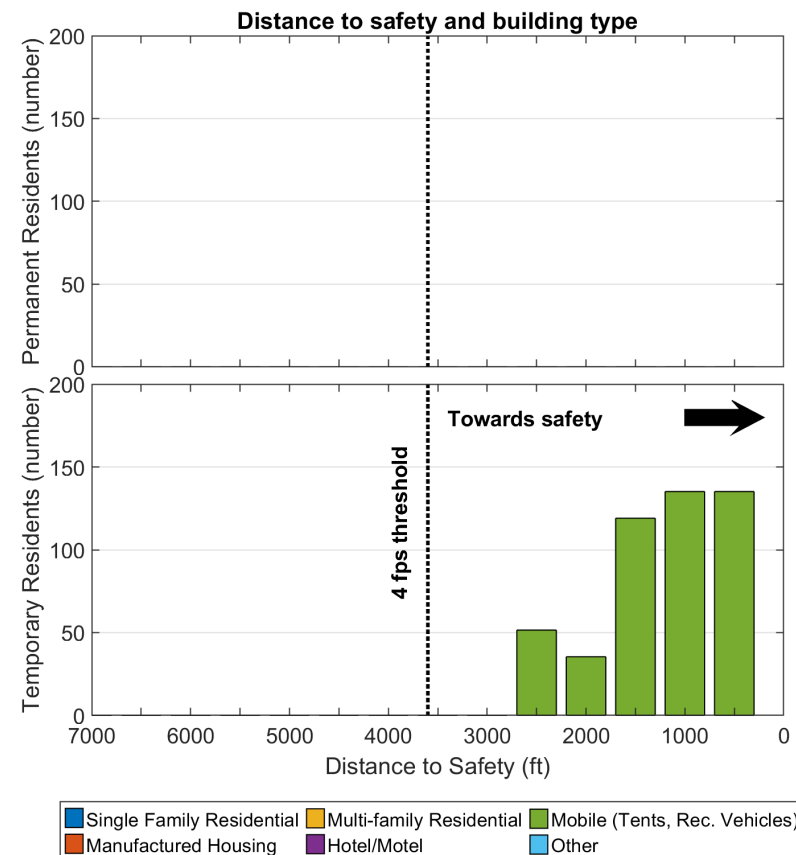
B.



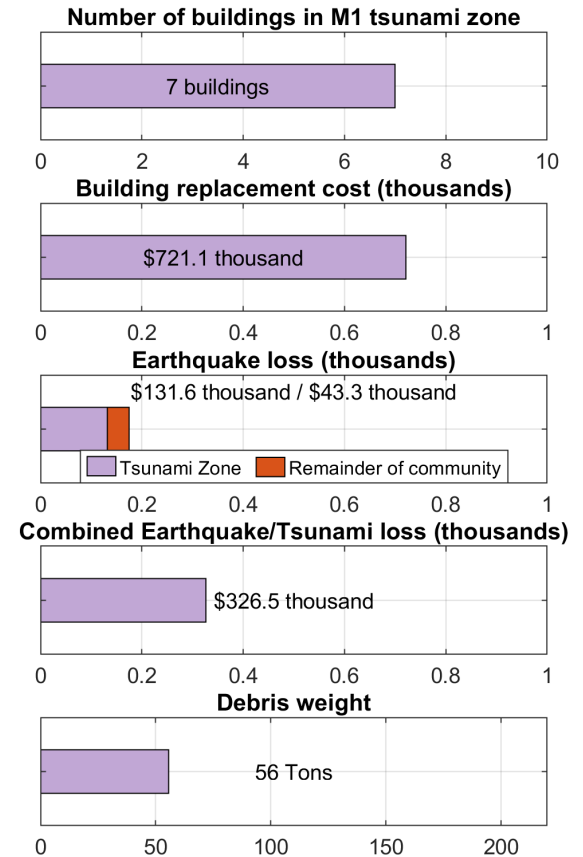
C.



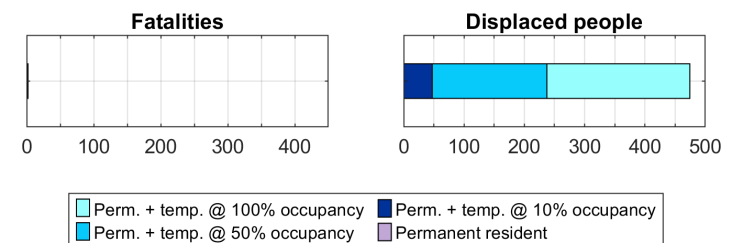
D.



E.



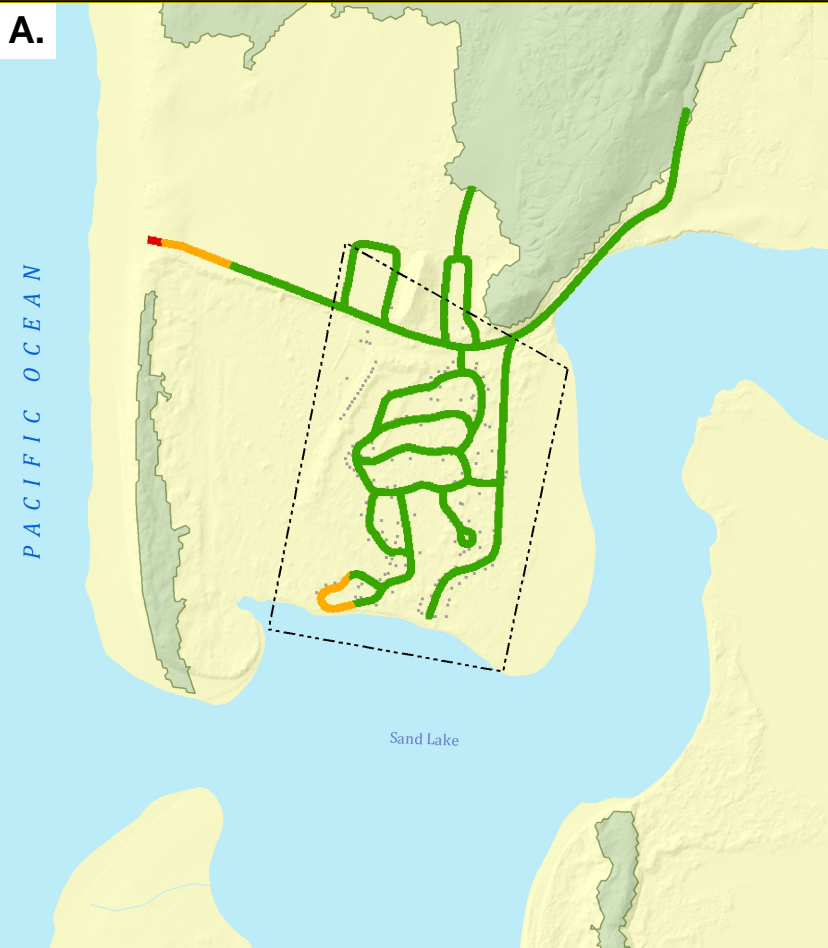
F.



Description	Total
Earthquake Injuries (Entire Community)	0
Tsunami Injuries - Permanent + Temporary	1
Tsunami Fatalities - Permanent	0
Tsunami Fatalities - Temporary @ ~100% occupancy	2
Displaced Population - Permanent	0
Displaced Population - Permanent + Temporary	474

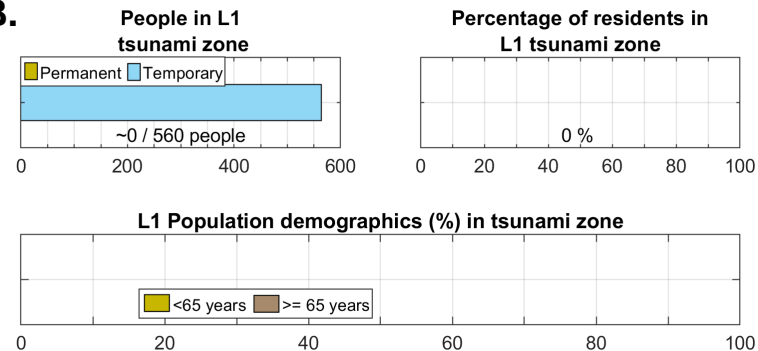
Casualty estimates assume a MODERATE WALK travel speed (4 ft per second)

A.

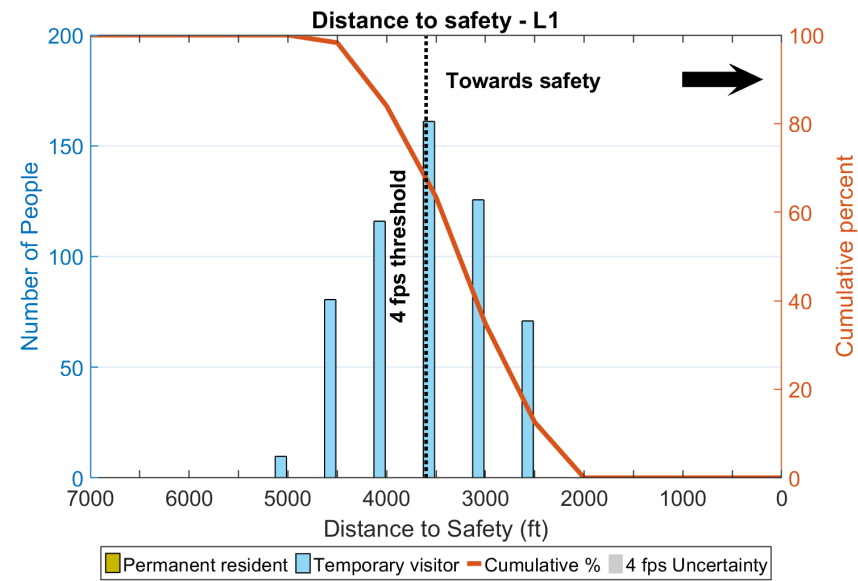


• Buildings, RVs and Camps [Dashed Box] Community Boundary **Evacuation Route Classification**
 1:10,000
 Miles [Green Blob] L Safety Zone [Green Line] High likelihood of survival for all ages
 0 [Yellow Blob] L Tsunami Zone [Orange Line] High likelihood of fatality for people 65 and over
 0.2 [Blue Blob] Ocean, Water Bodies [Red Line] High likelihood of fatality for all ages

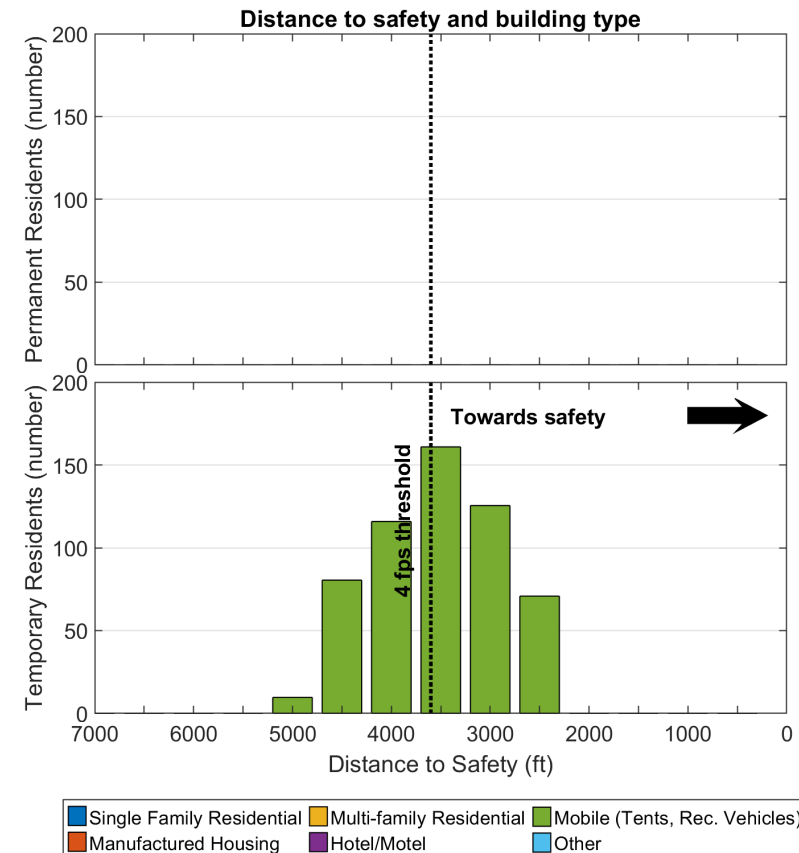
B.



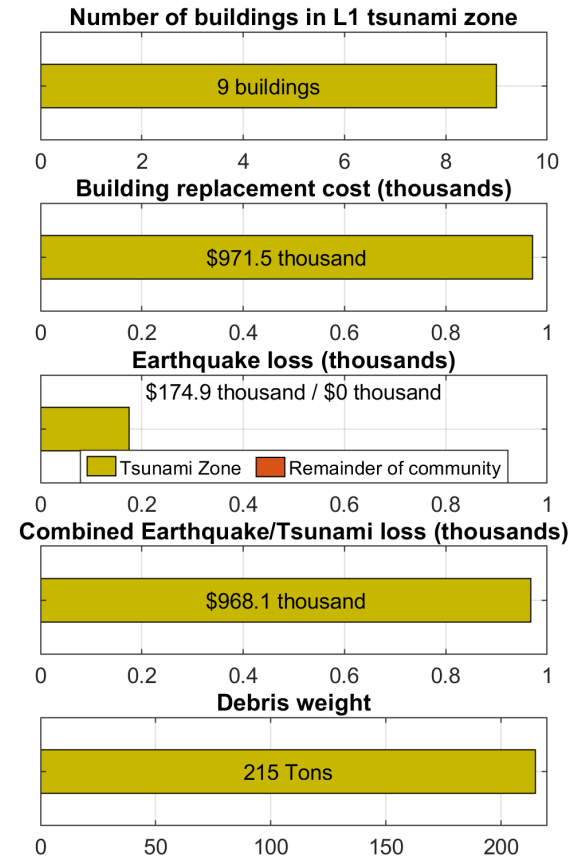
C.



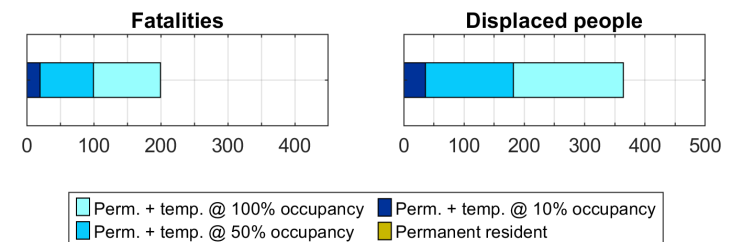
D.



E.



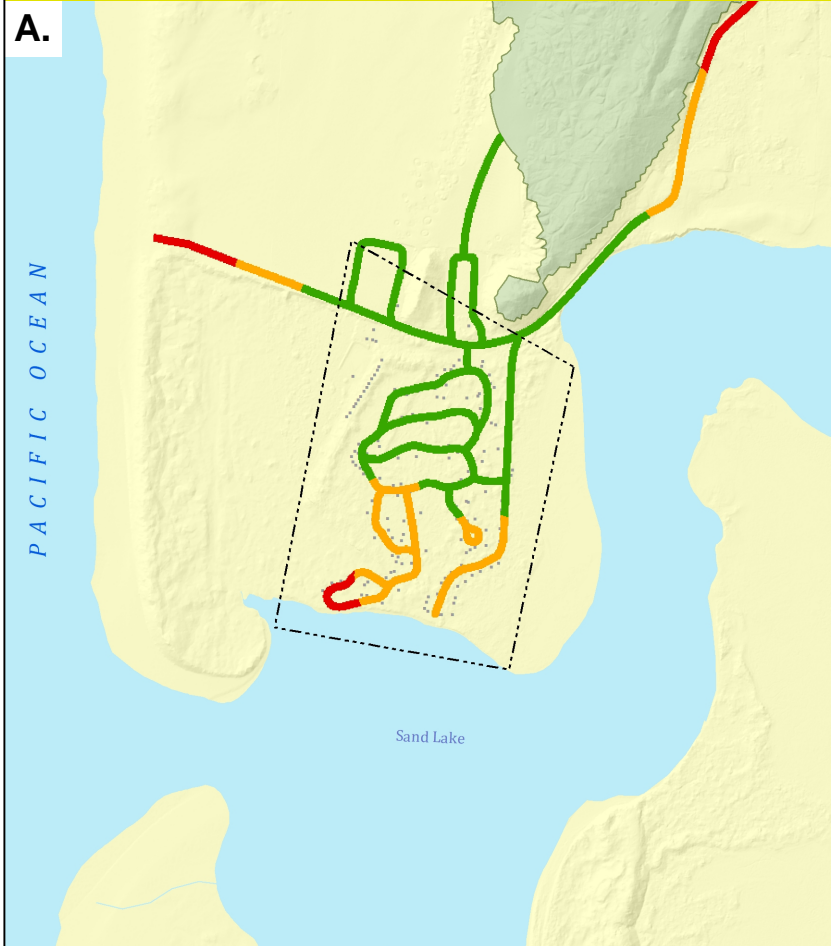
F.



Description	Total
Earthquake Injuries (Entire Community)	0
Tsunami Injuries - Permanent + Temporary	24
Tsunami Fatalities - Permanent	0
Tsunami Fatalities - Temporary @ ~100% occupancy	200
Displaced Population - Permanent	0
Displaced Population - Permanent + Temporary	364

A.

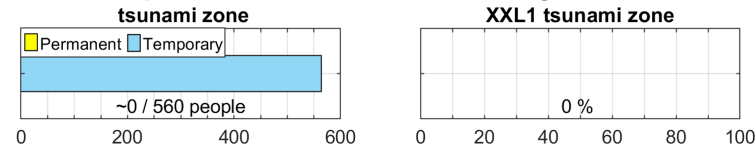
PACIFIC OCEAN



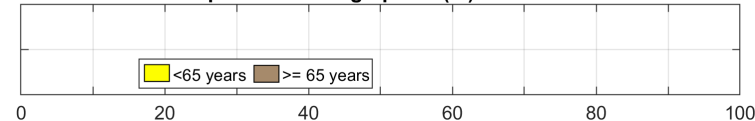
• Buildings, RVs and Camps Community Boundary **Evacuation Route Classification**
 1:10,000
 Miles
 0 0.2
 N
 XXL Safety Zone
 XXL Tsunami Zone
 Ocean, Water Bodies
 High likelihood of survival for all ages
 High likelihood of fatality for people 65 and over
 High likelihood of fatality for all ages

B.

Percentage of residents in

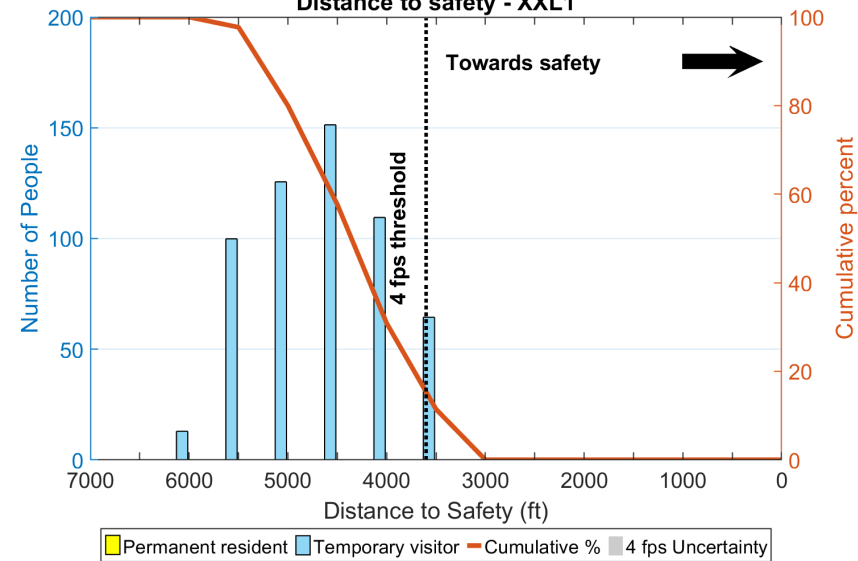


 <65 years >= 65 years



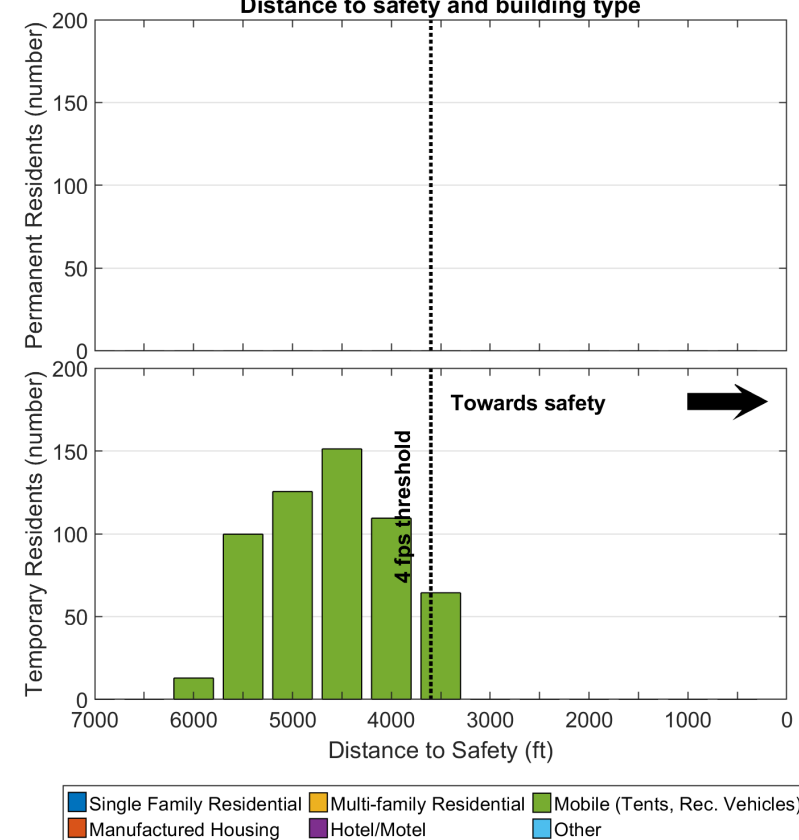
C.

Towards safety



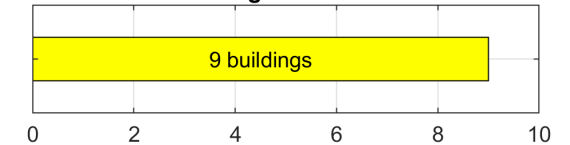
D.

Towards safety

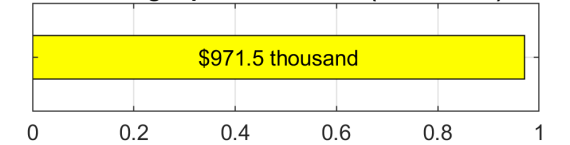


E.

9 buildings



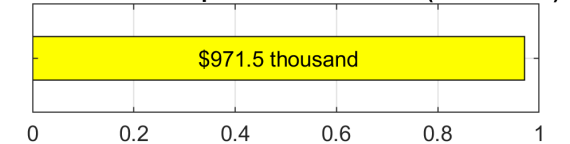
\$971.5 thousand



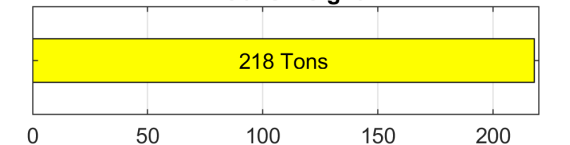
\$174.9 thousand / \$0 thousand



\$971.5 thousand

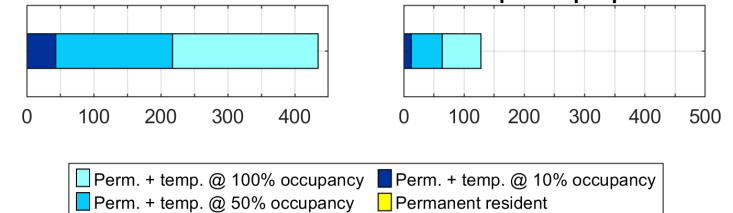


218 Tons



F.

Displaced people

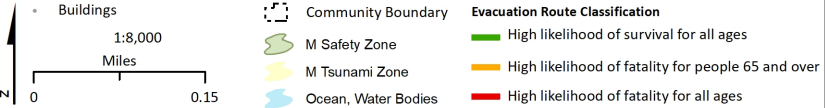
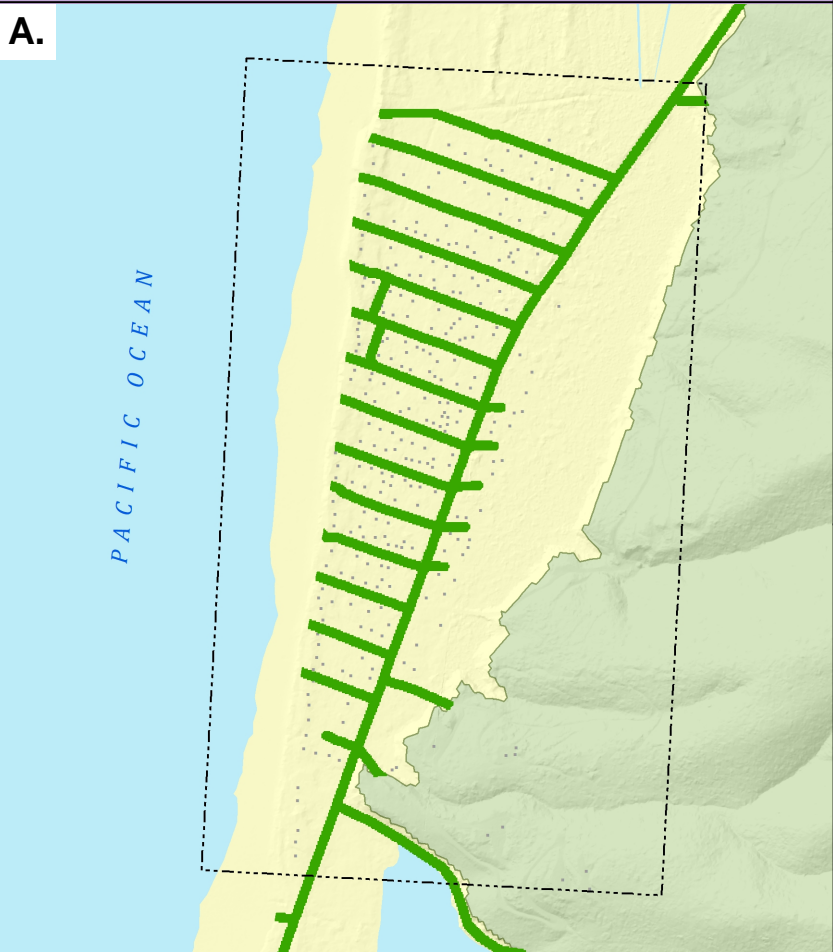


Description	Total
Earthquake Injuries (Entire Community)	0
Tsunami Injuries - Permanent + Temporary	21
Tsunami Fatalities - Permanent	0
Tsunami Fatalities - Temporary @ ~100% occupancy	435
Displaced Population - Permanent	0
Displaced Population - Permanent + Temporary	128

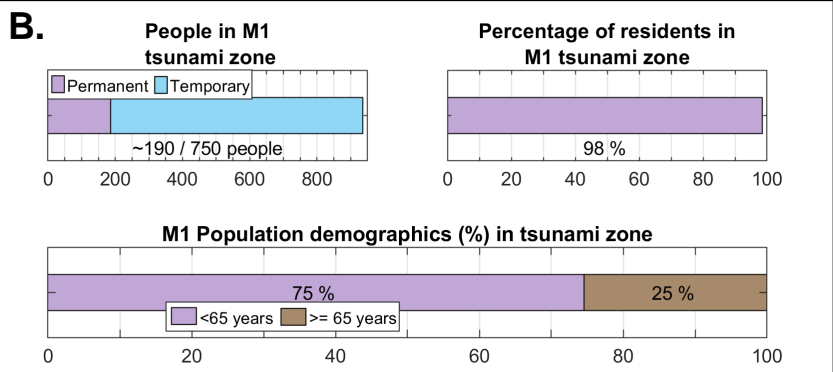
Tierra Del Mar - M1

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

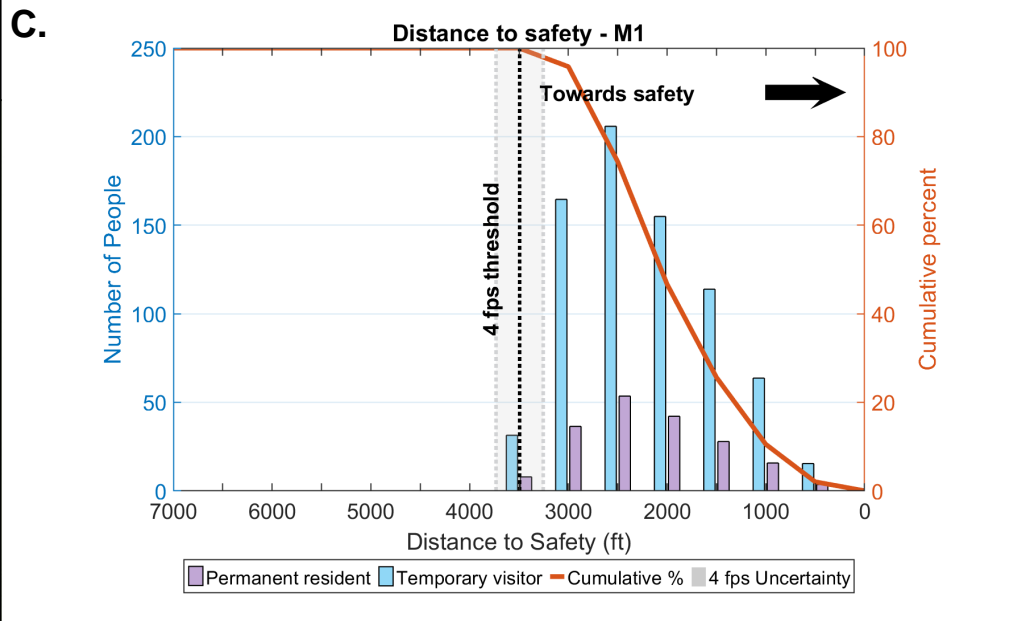
A.



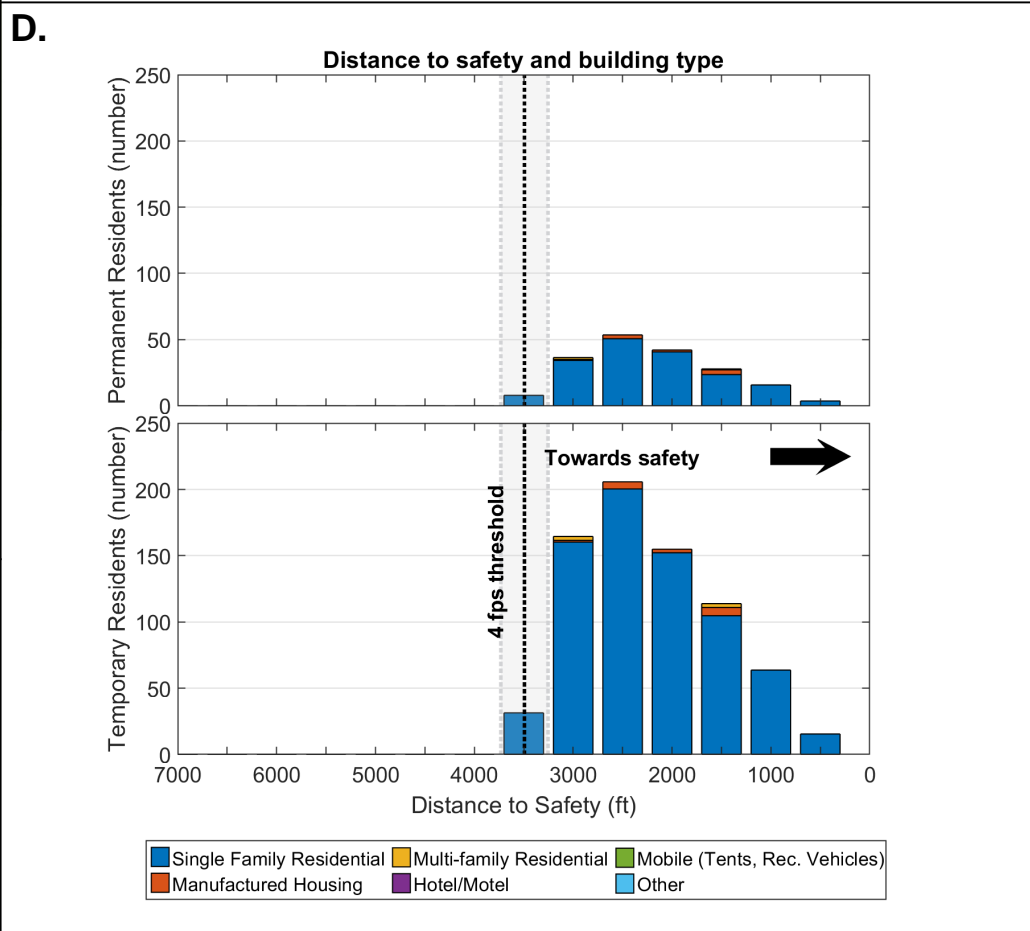
B.



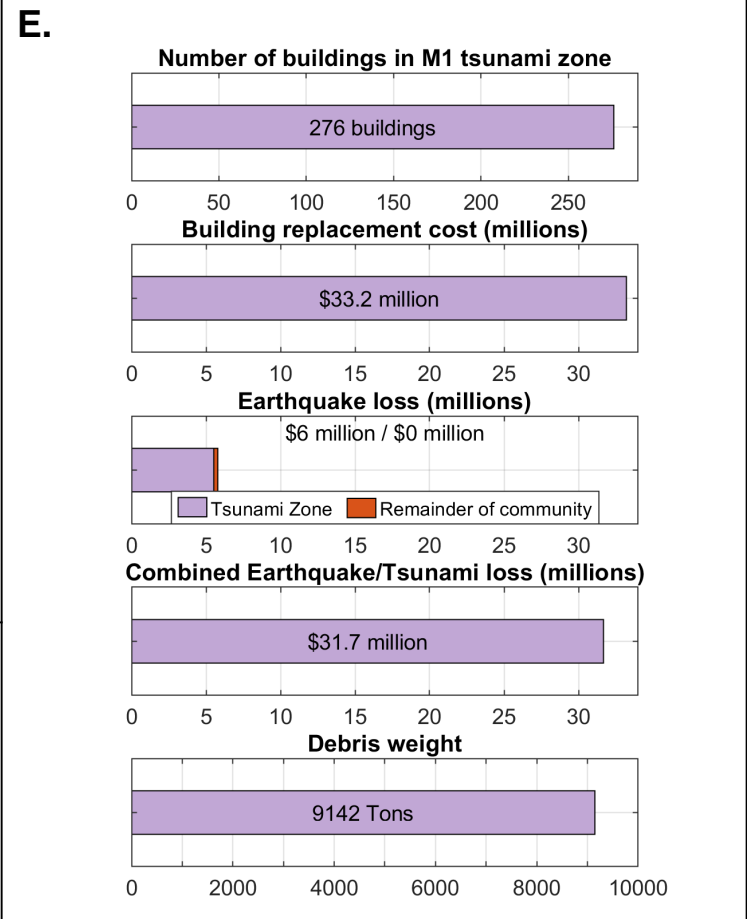
C.



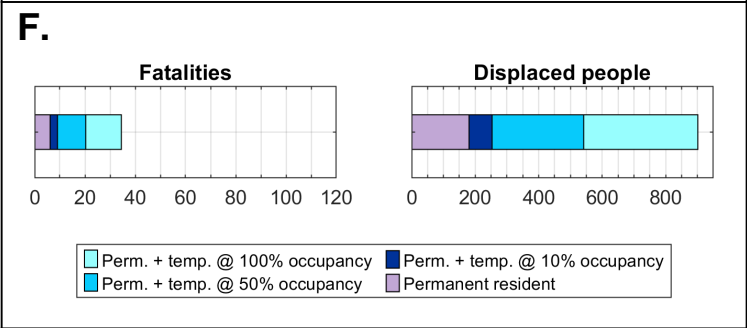
D.



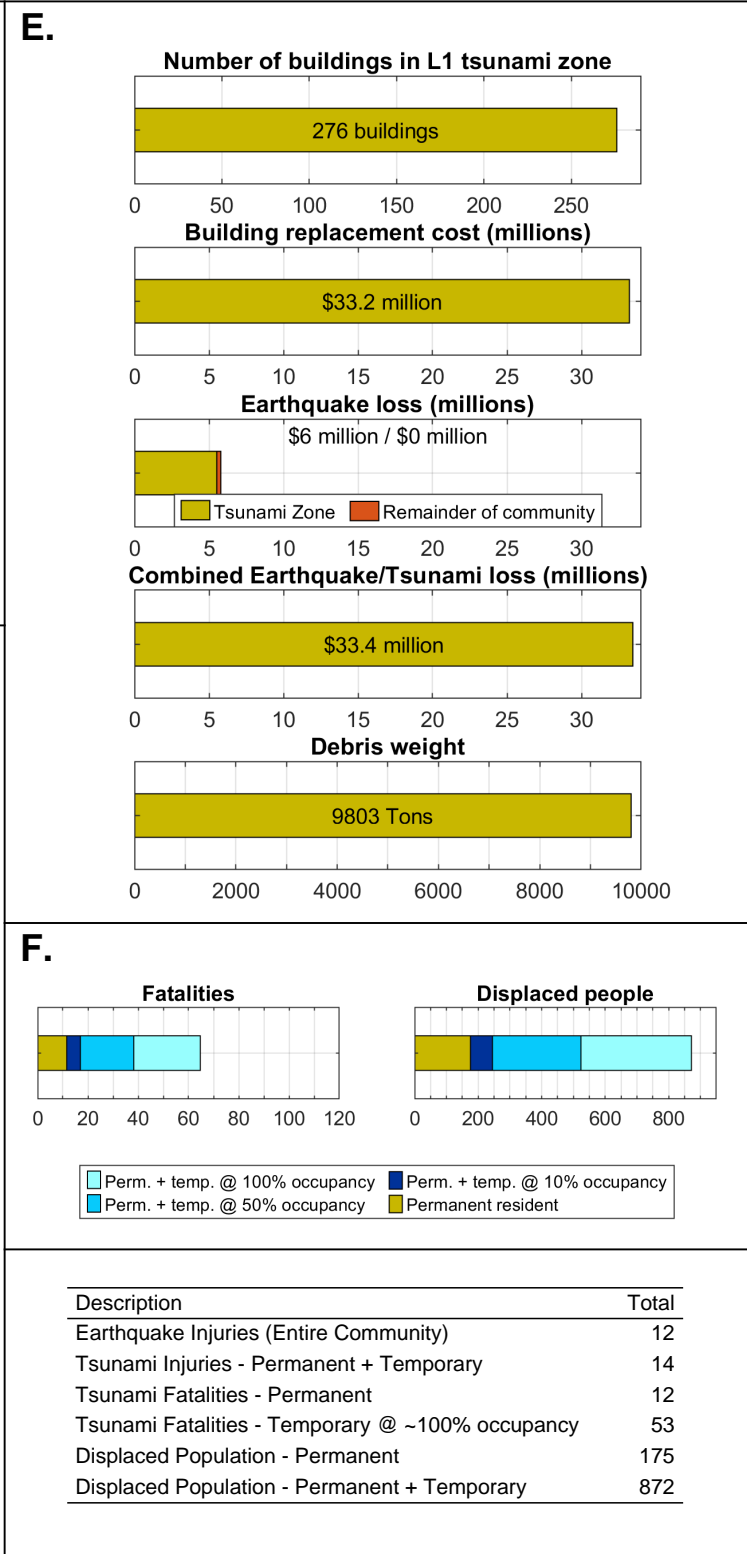
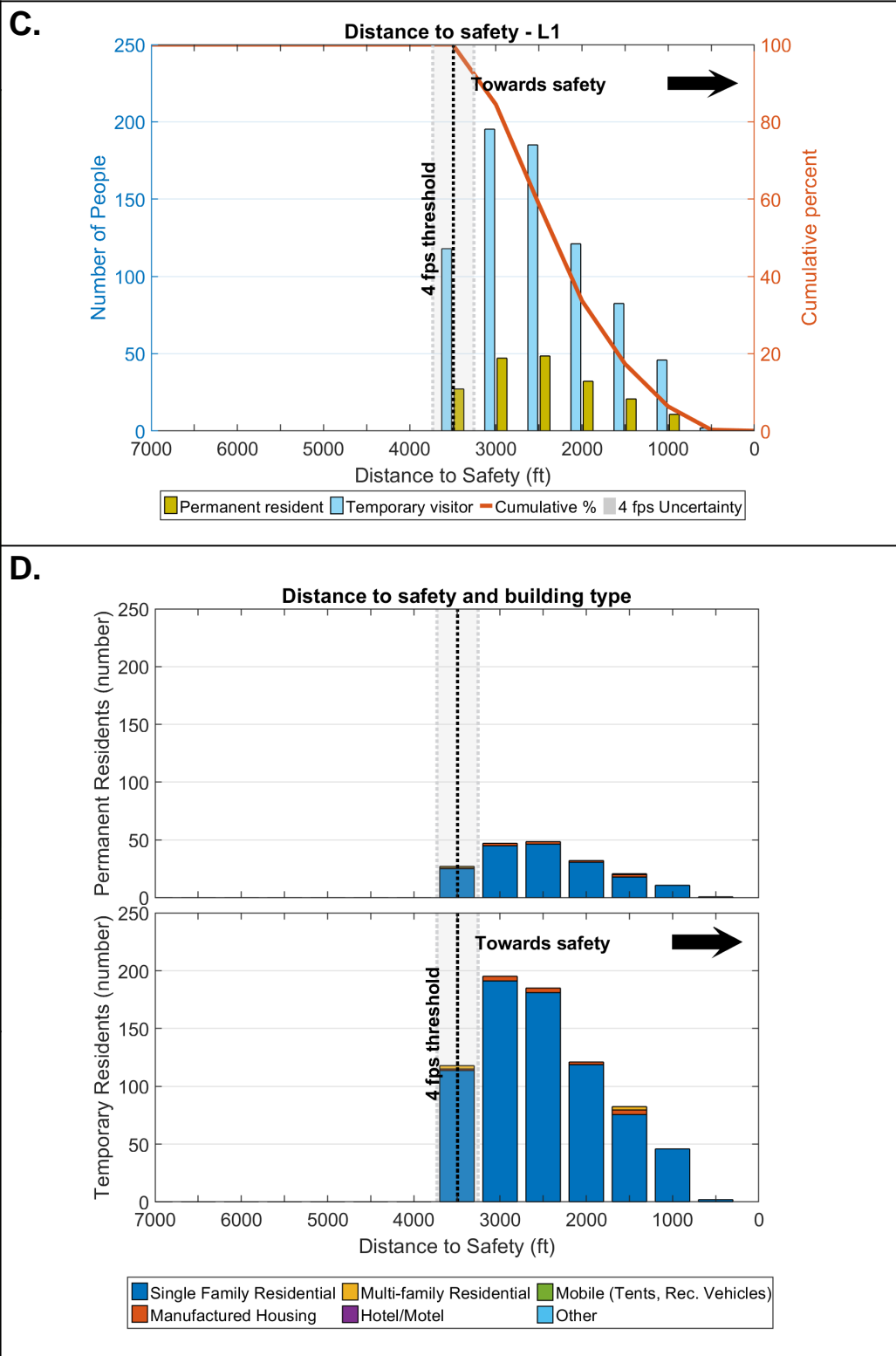
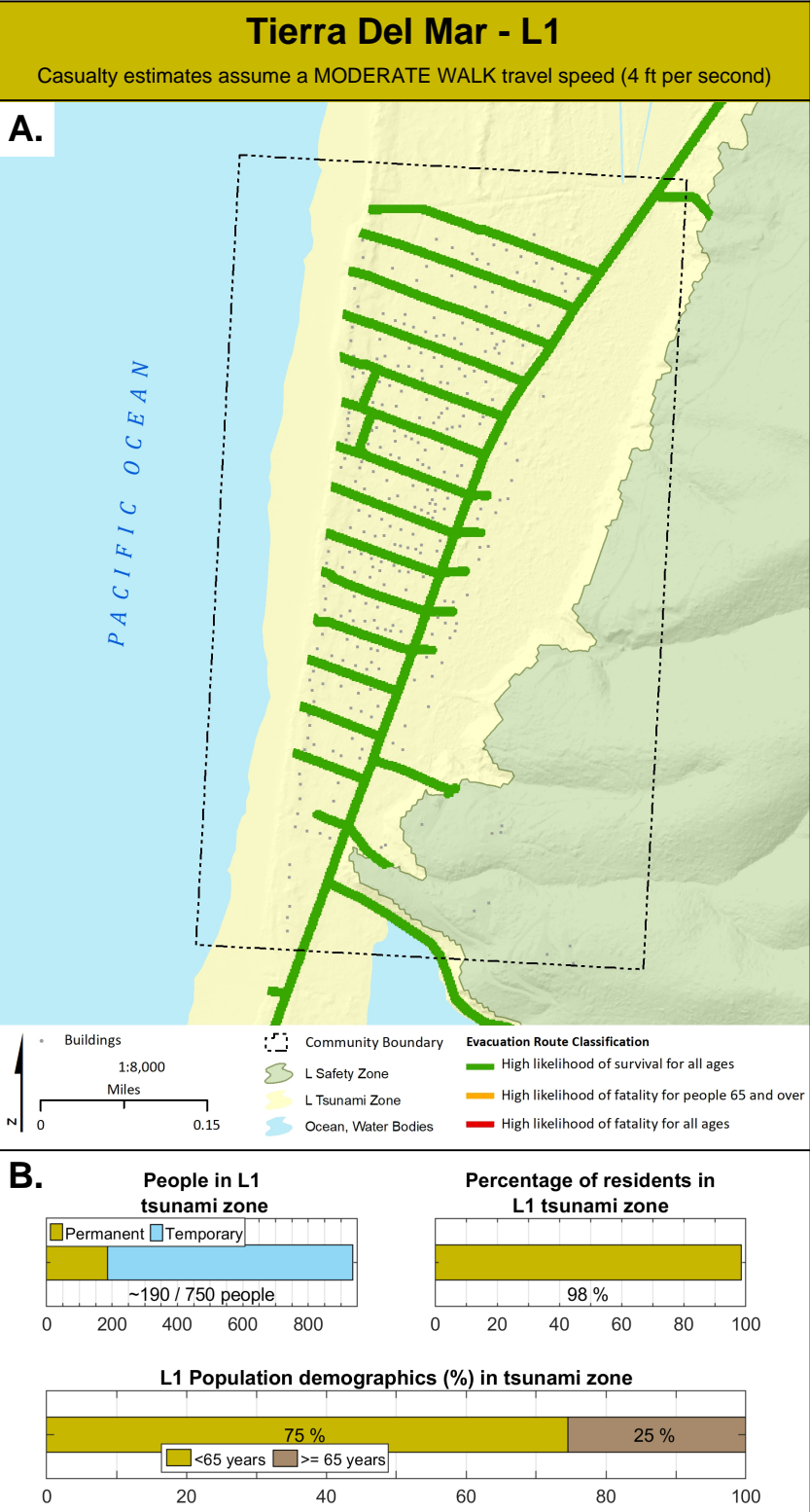
E.

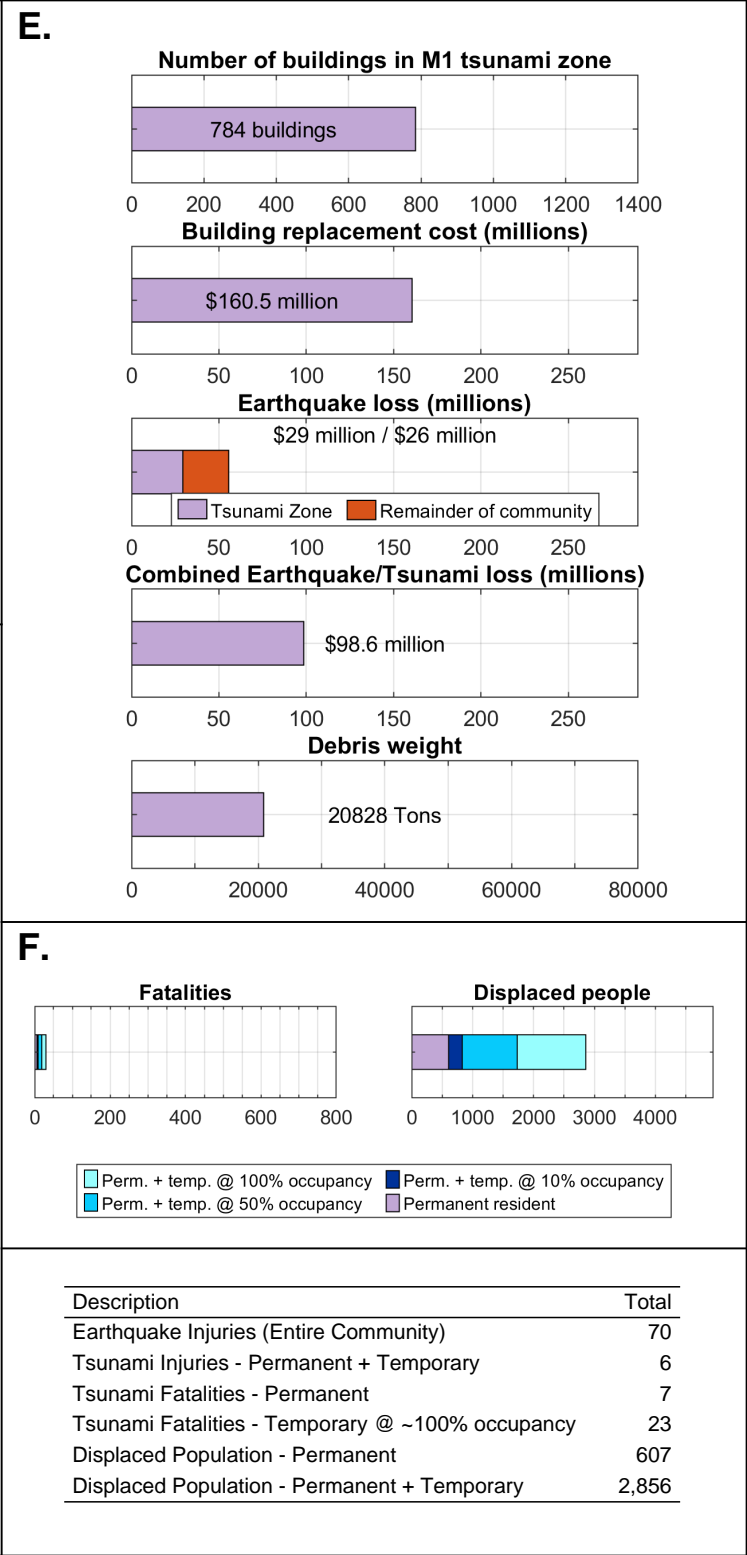
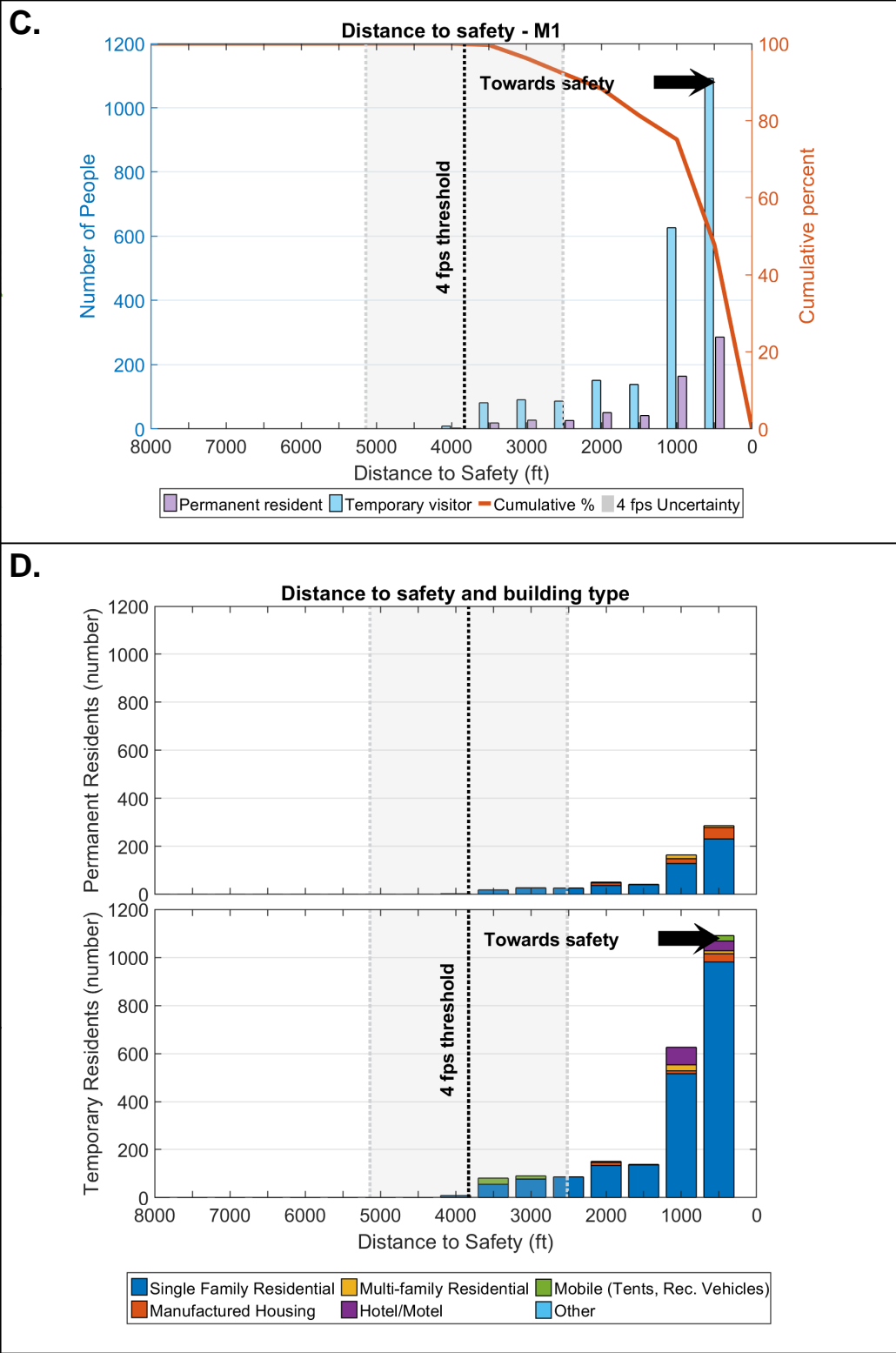
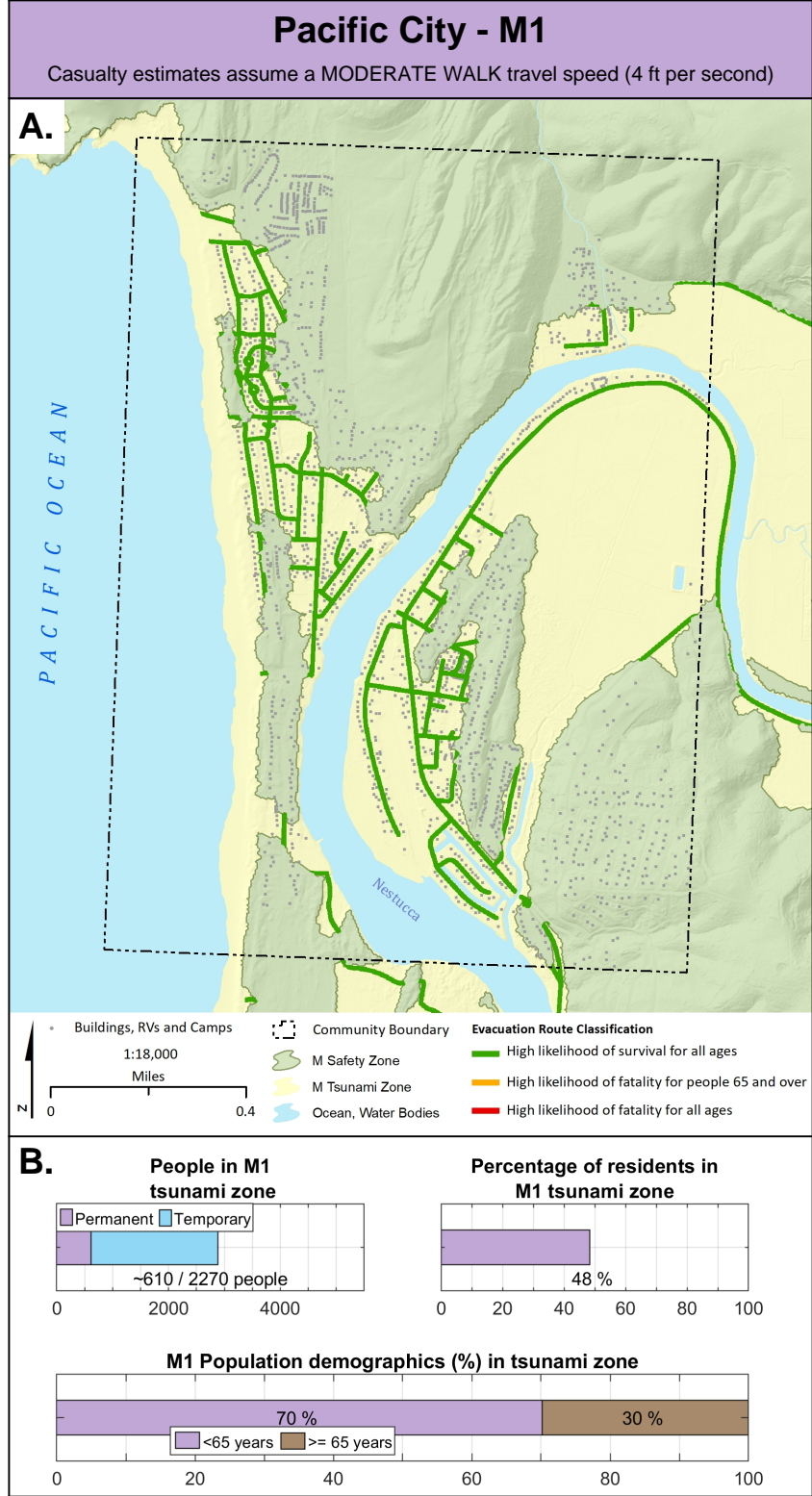


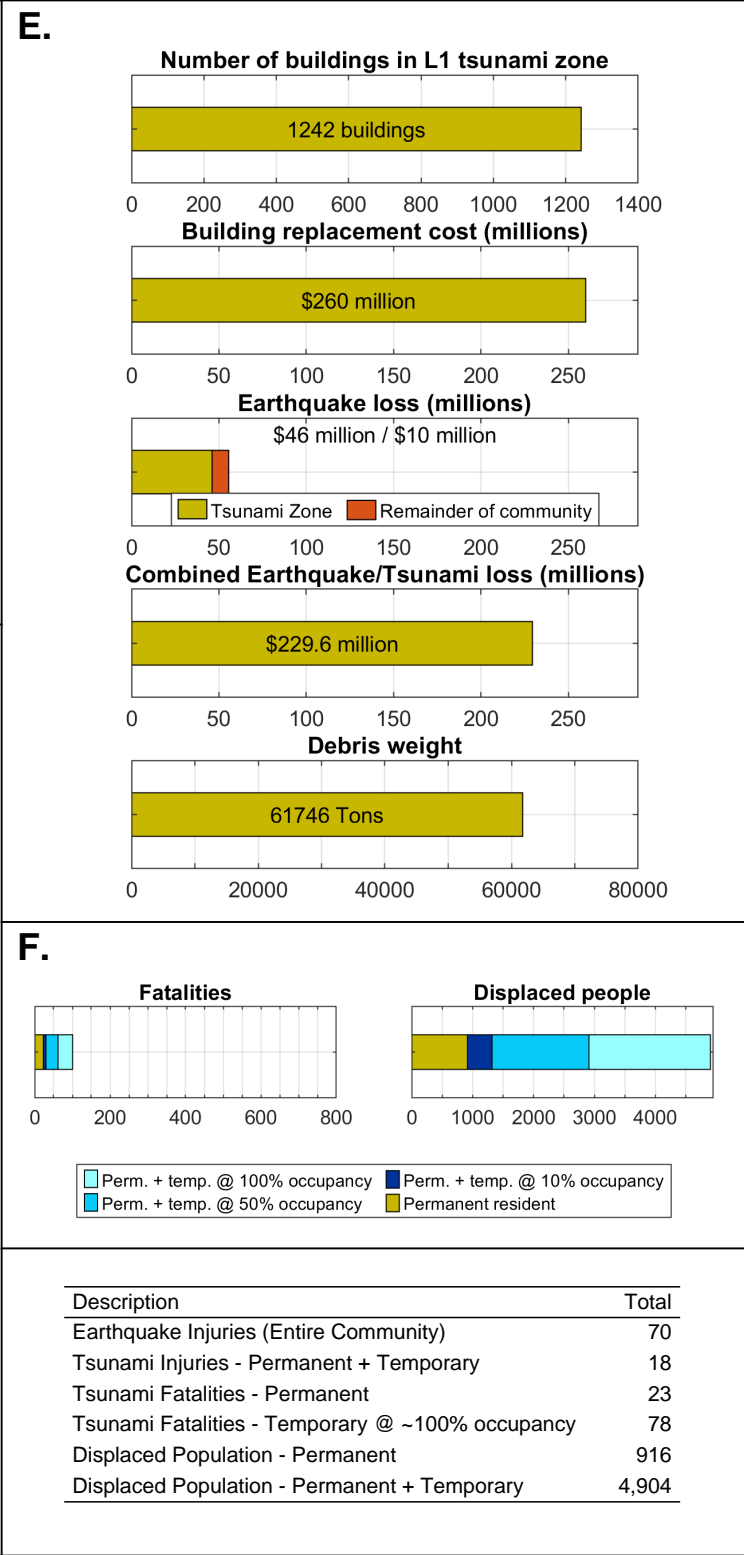
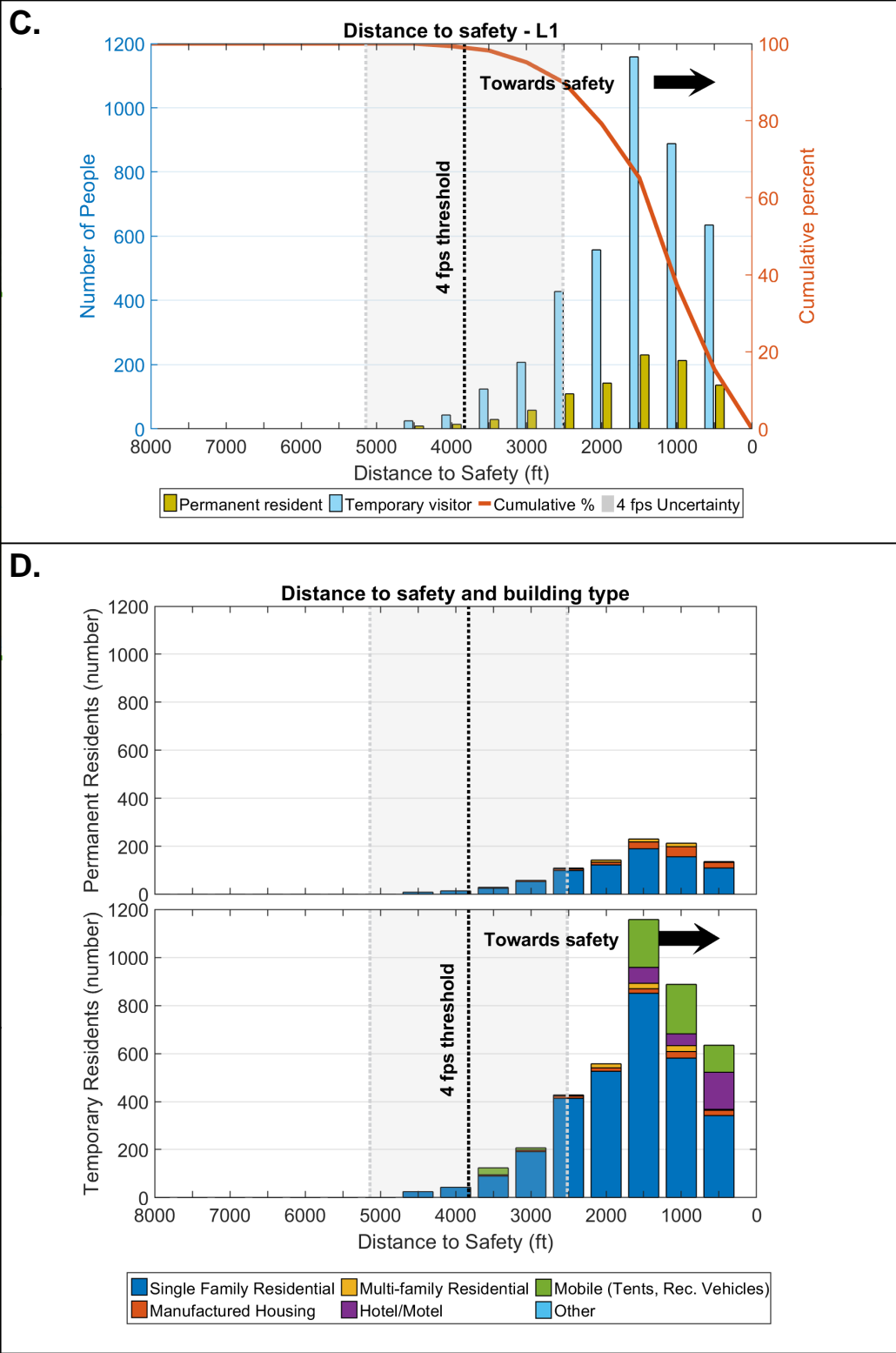
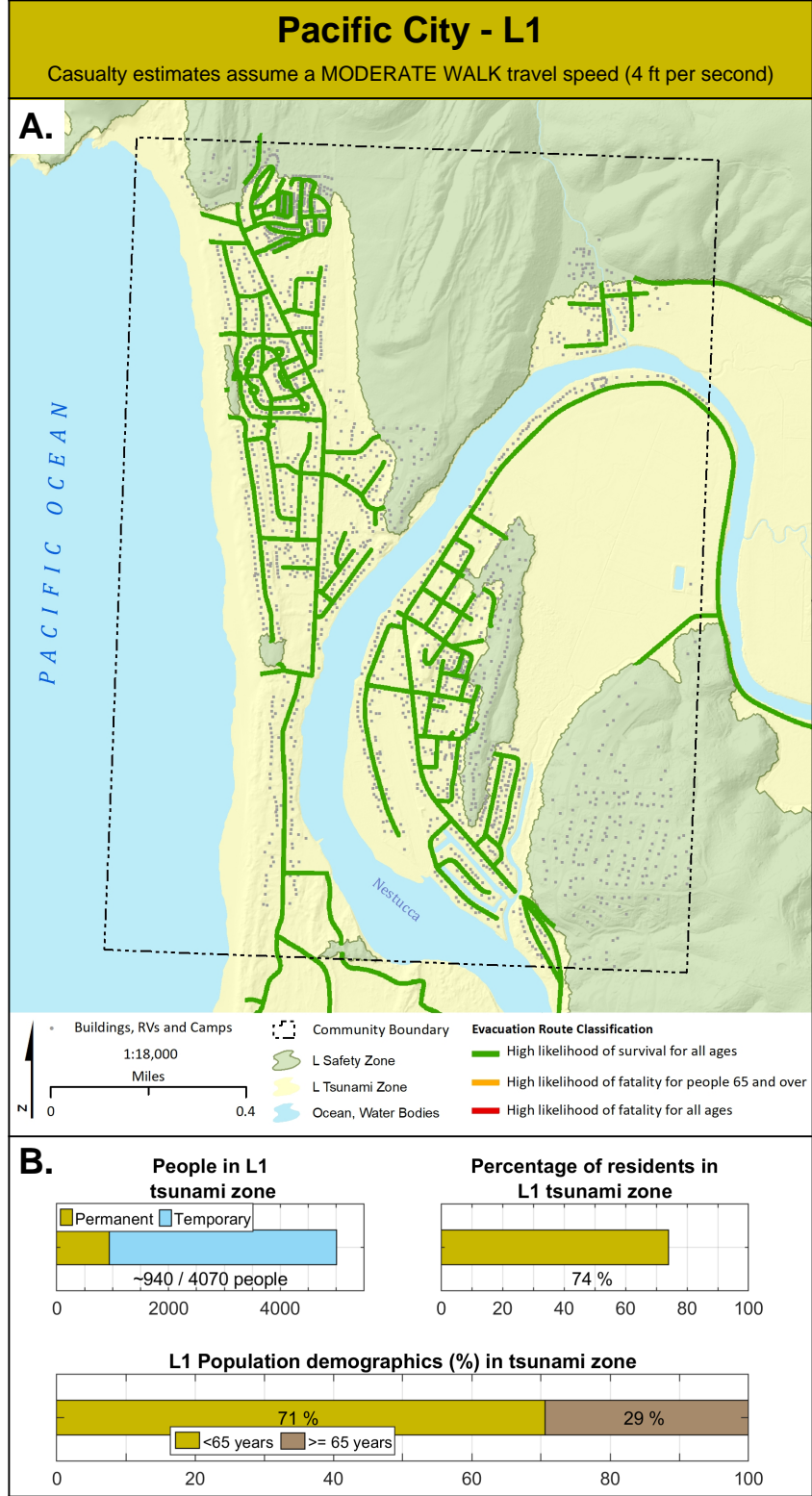
F.

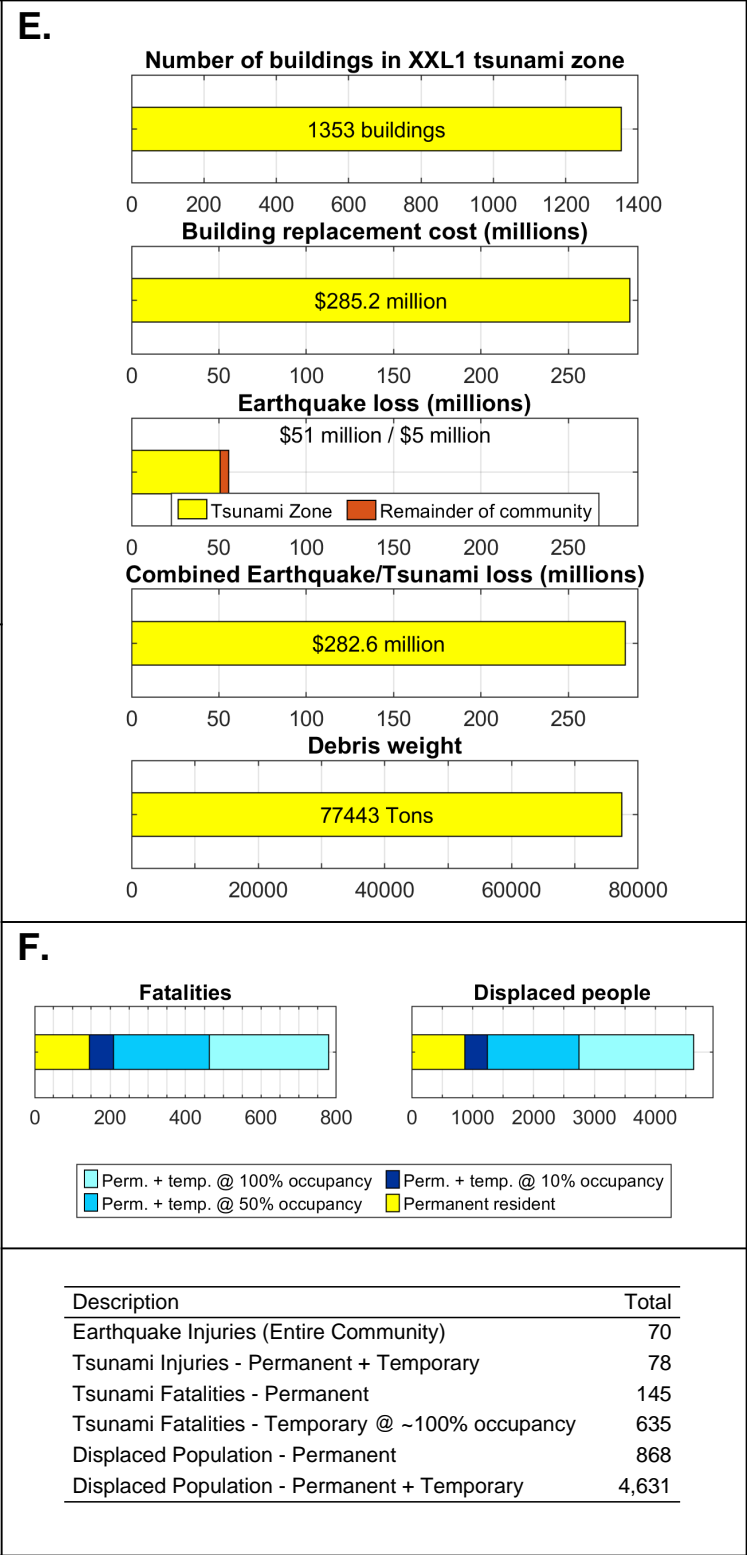
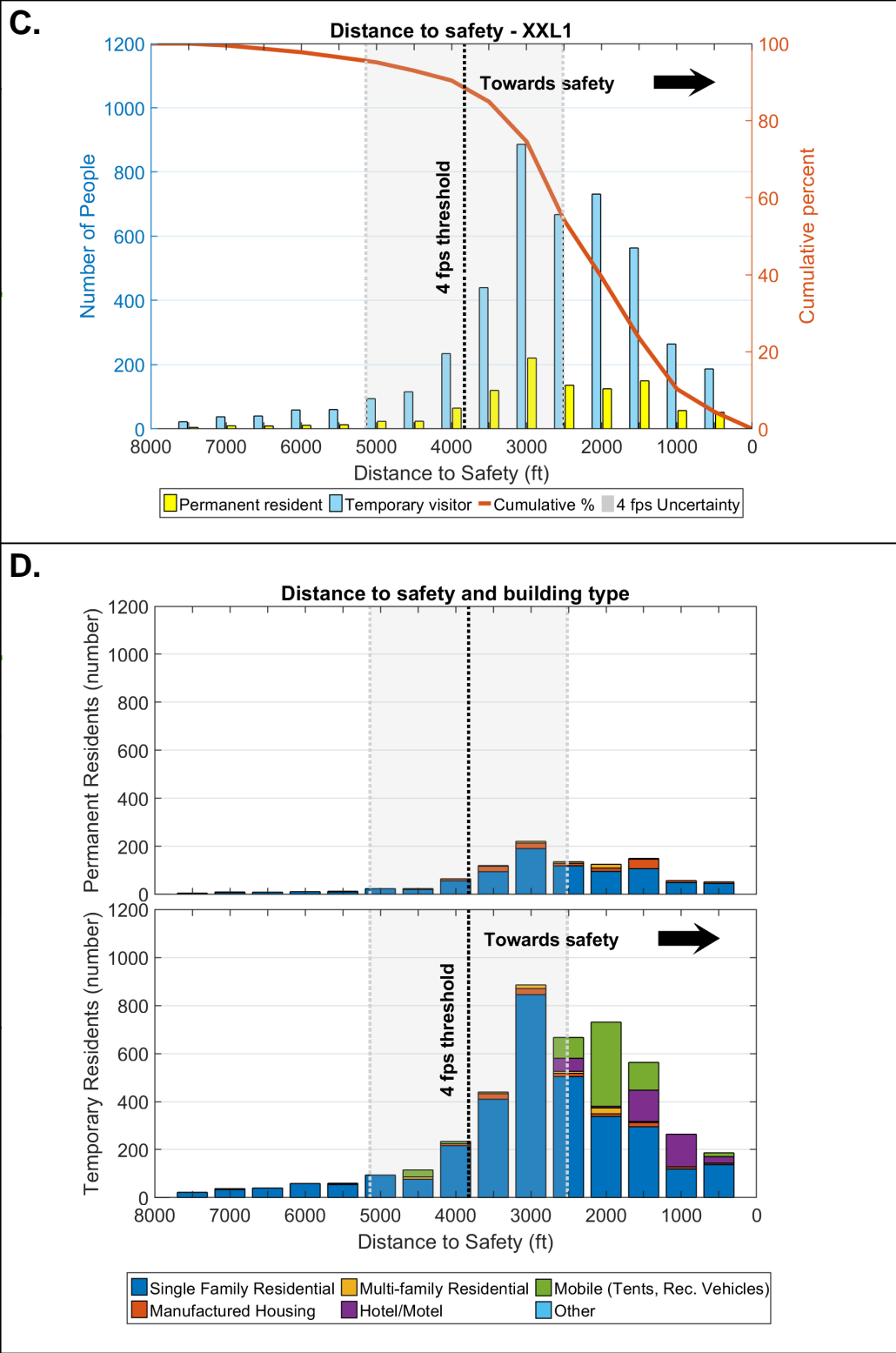
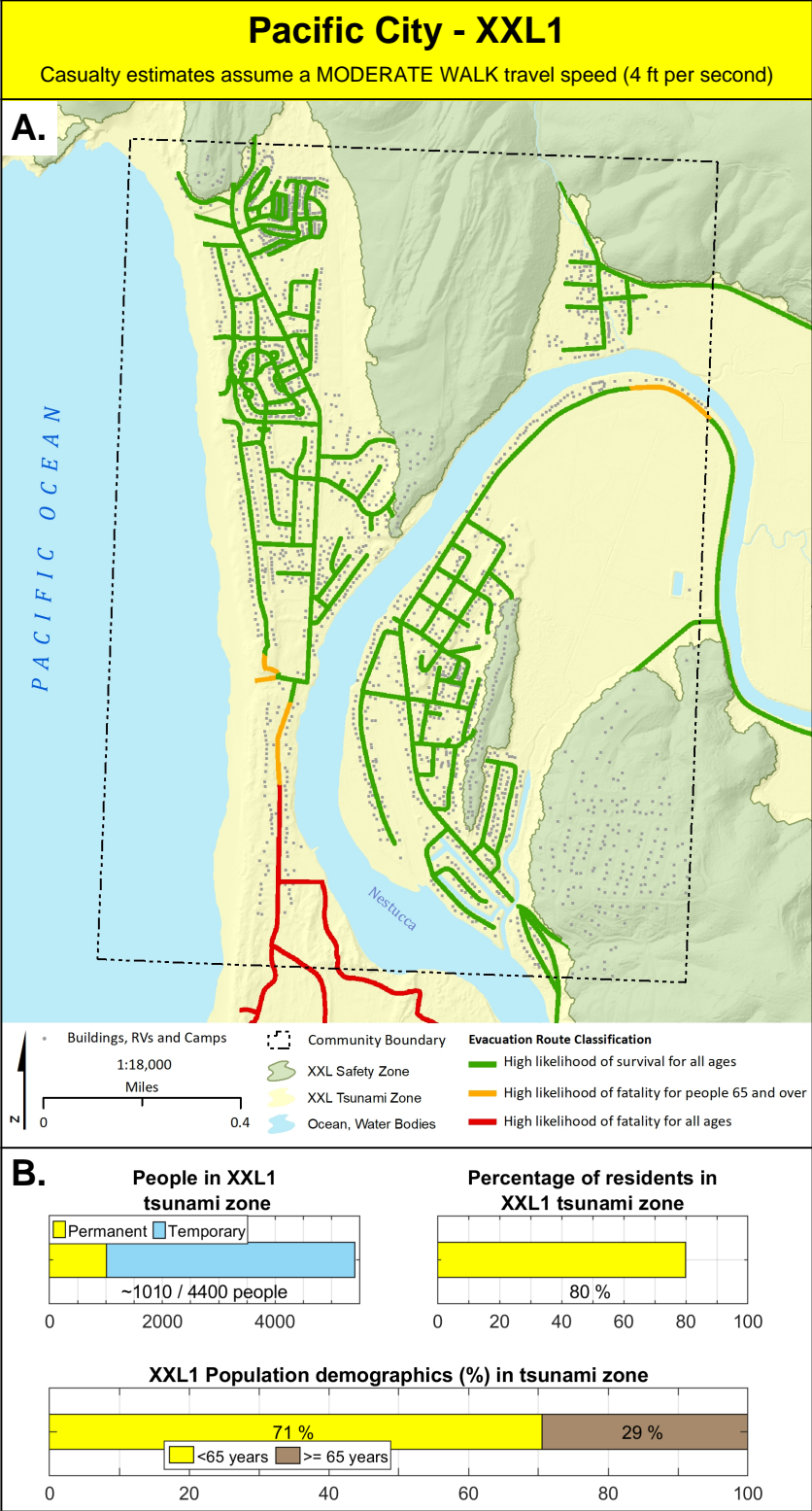


Description	Total
Earthquake Injuries (Entire Community)	12
Tsunami Injuries - Permanent + Temporary	8
Tsunami Fatalities - Permanent	6
Tsunami Fatalities - Temporary @ ~100% occupancy	28
Displaced Population - Permanent	181
Displaced Population - Permanent + Temporary	902





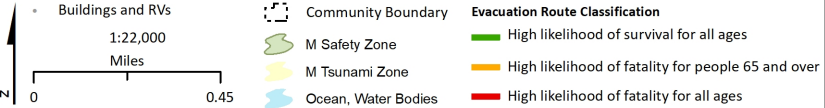
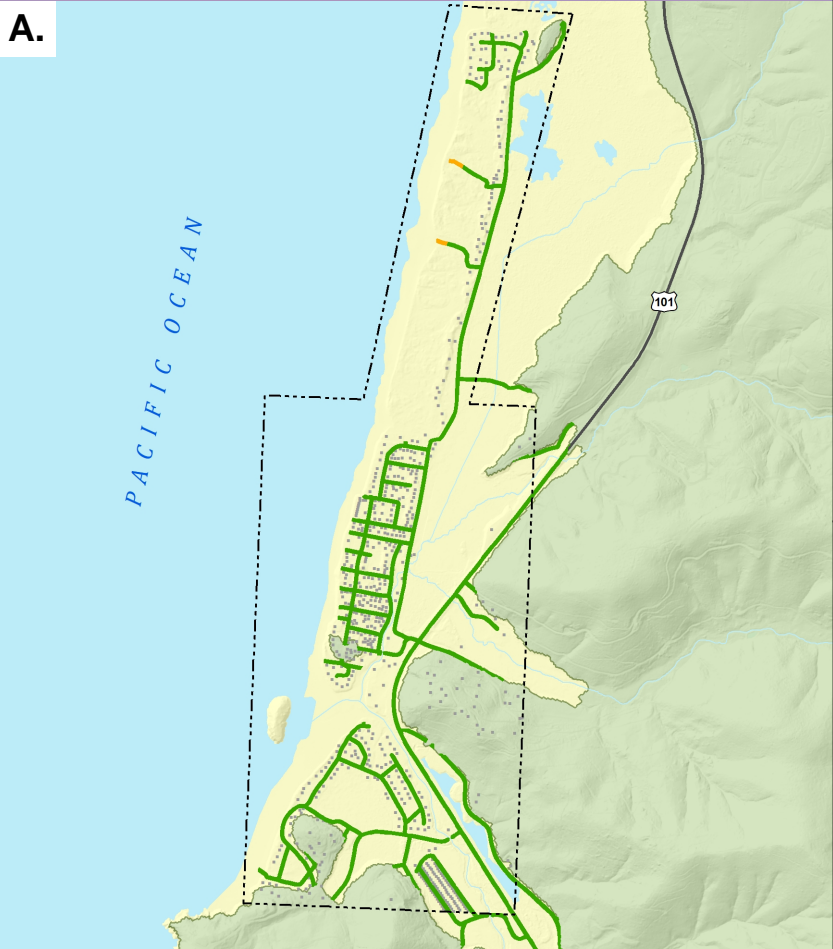




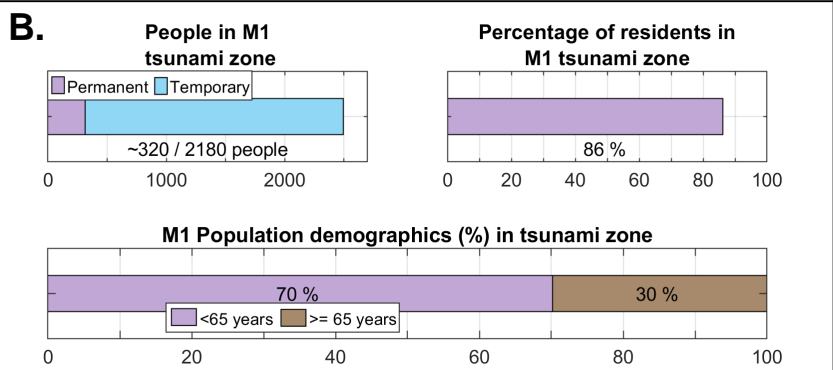
Neskowin - M1

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

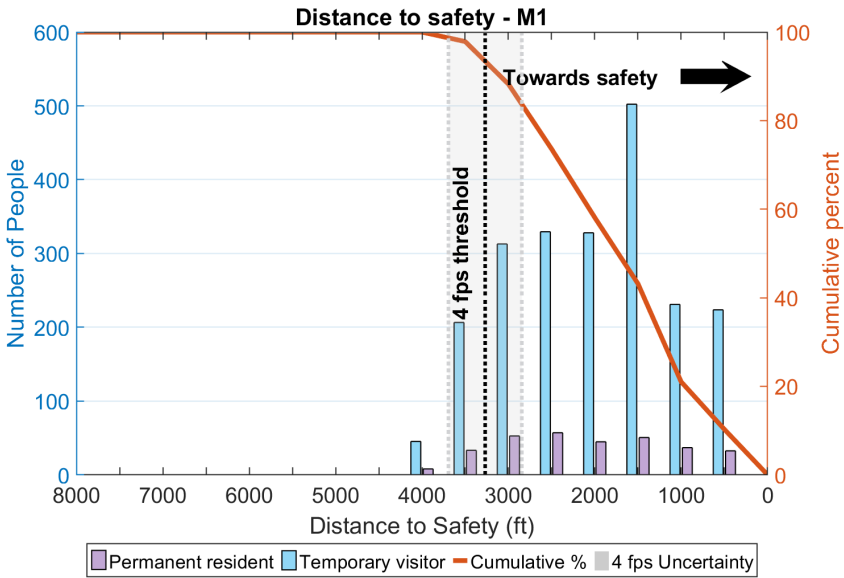
A.



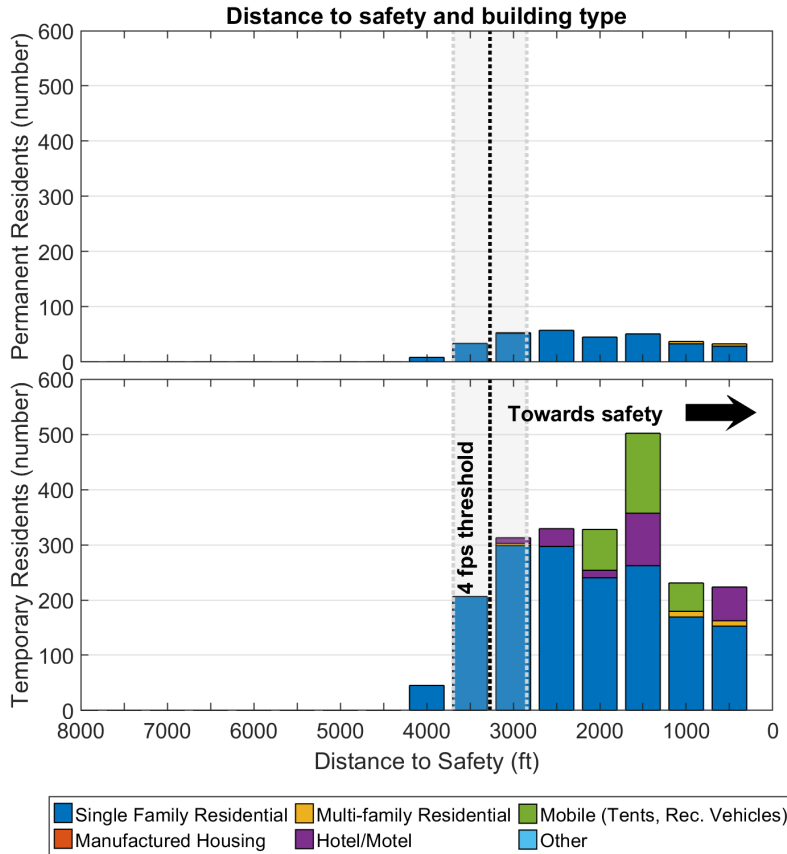
B.



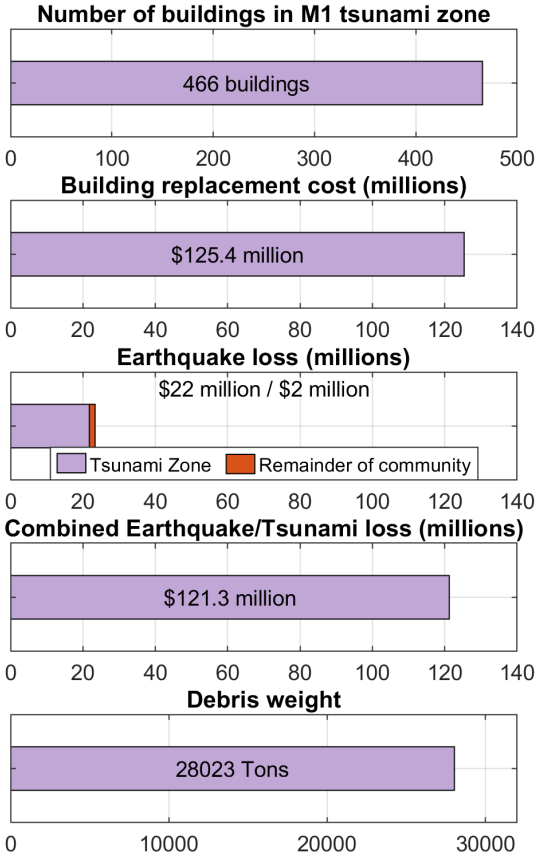
C.



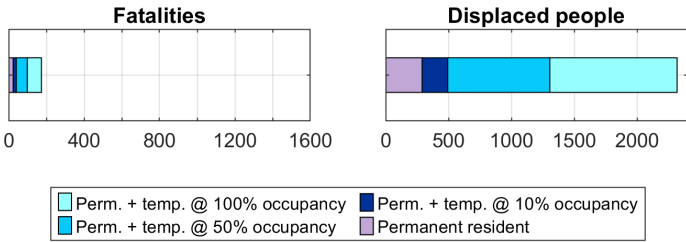
D.



E.



F.

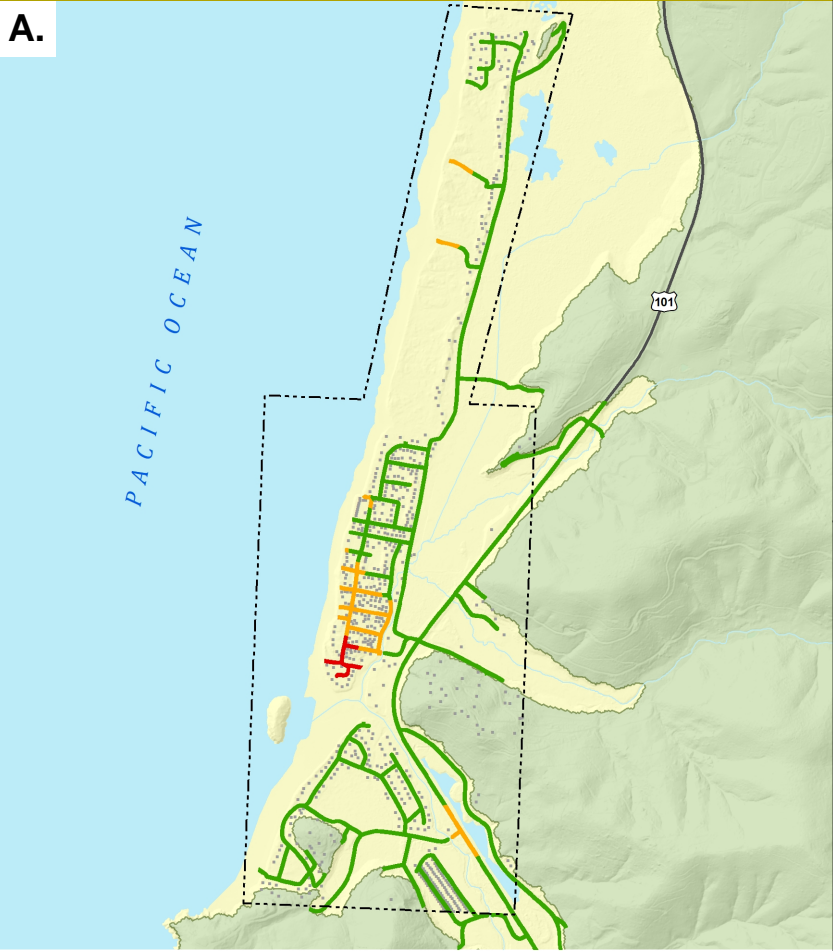


Description	Total
Earthquake Injuries (Entire Community)	23
Tsunami Injuries - Permanent + Temporary	32
Tsunami Fatalities - Permanent	25
Tsunami Fatalities - Temporary @ ~100% occupancy	149
Displaced Population - Permanent	290
Displaced Population - Permanent + Temporary	2,320

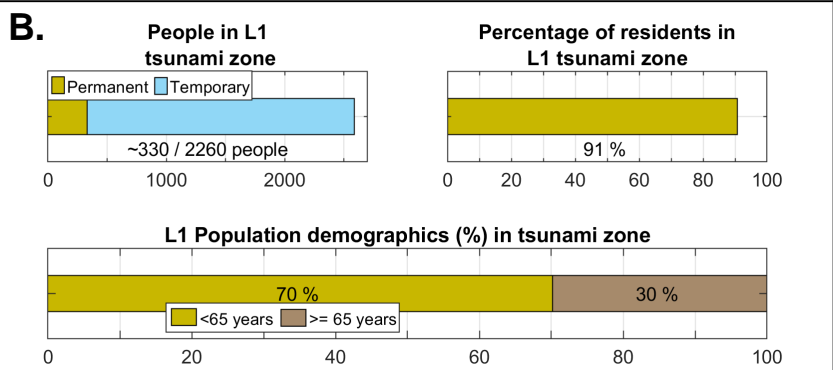
Neskowin - L1

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

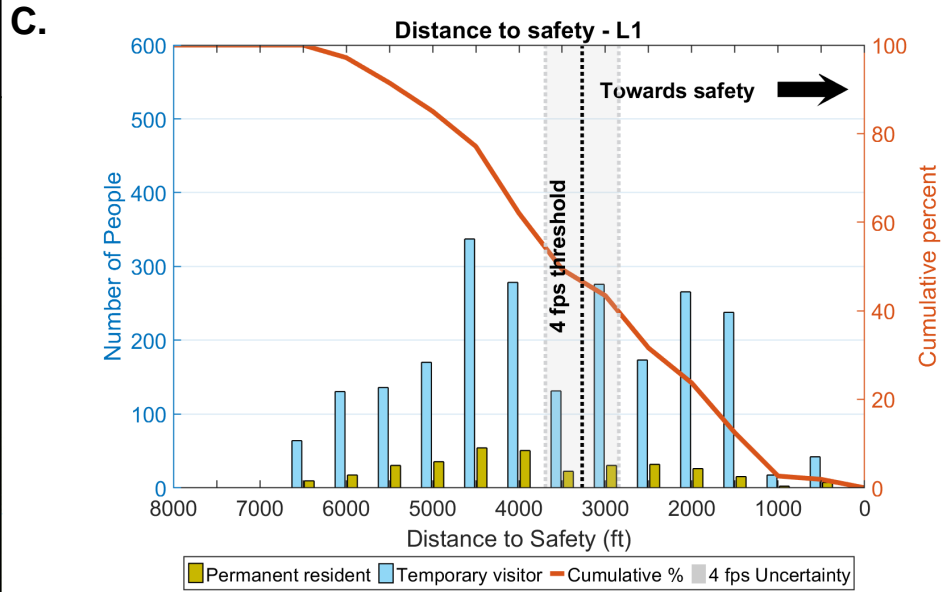
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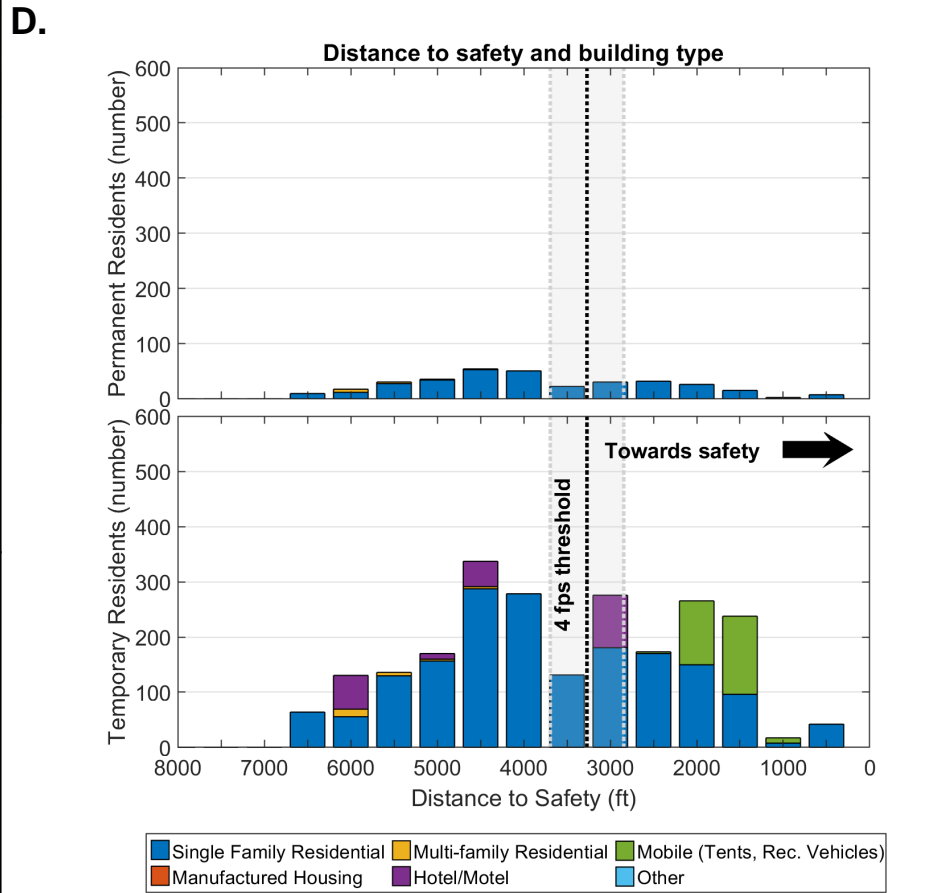
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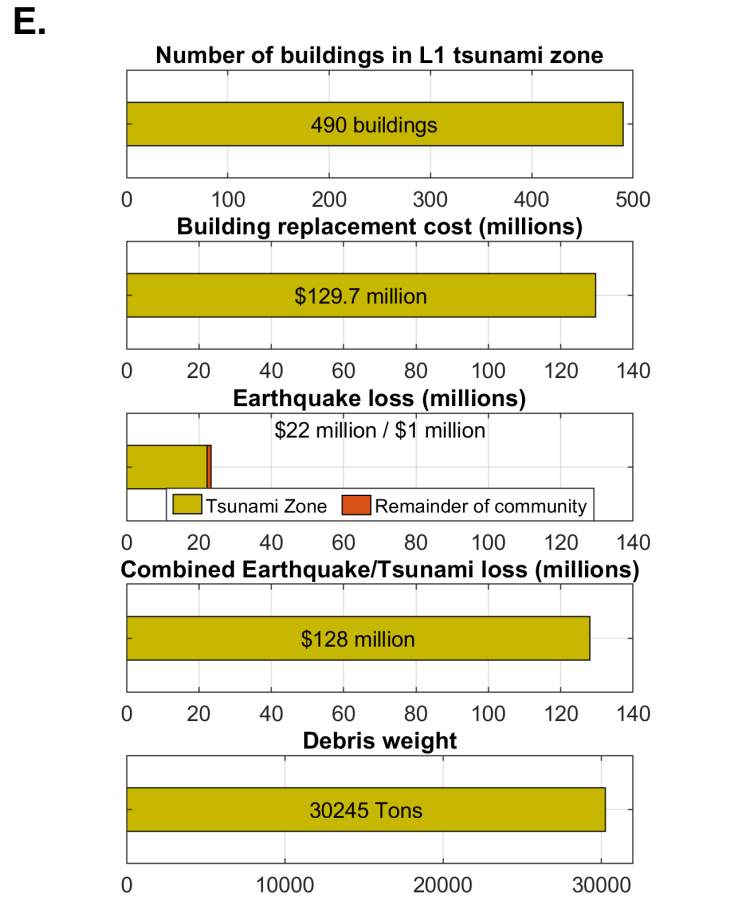
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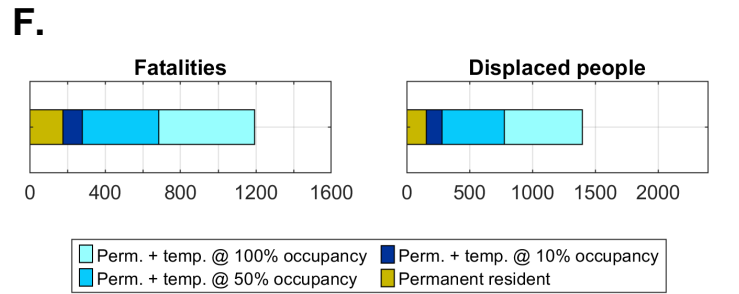
D.



E.



F.

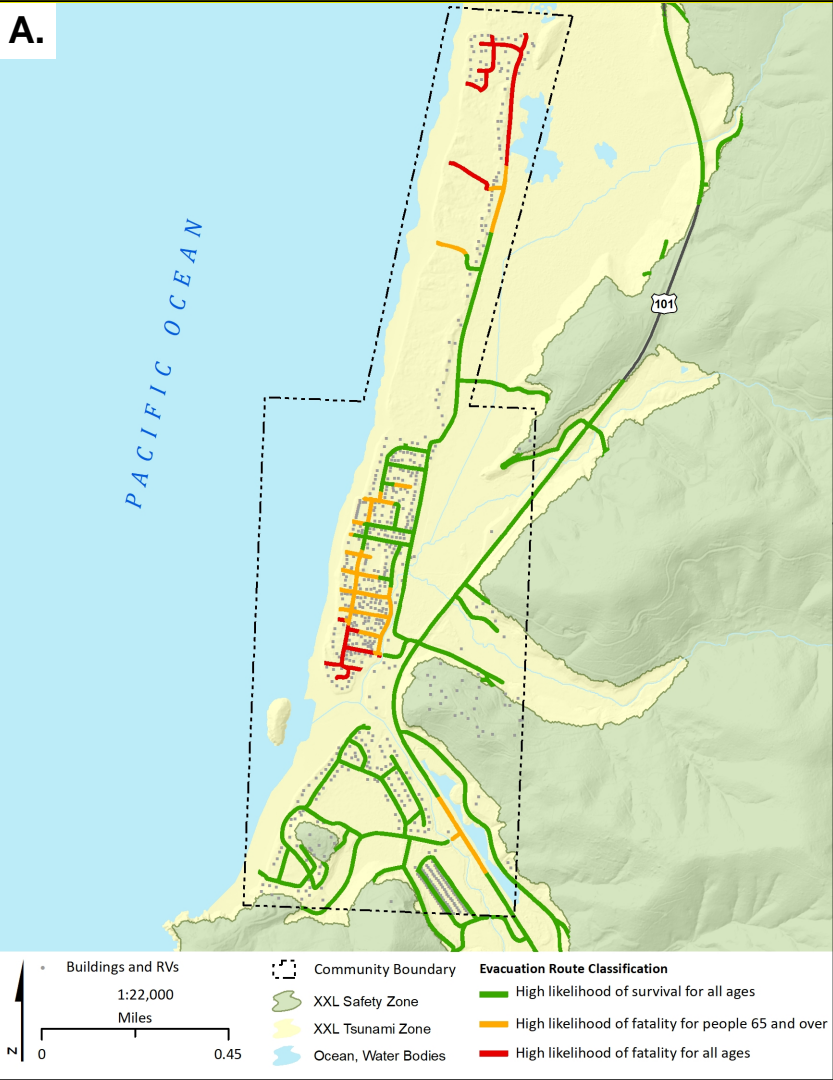


Description	Total
Earthquake Injuries (Entire Community)	23
Tsunami Injuries - Permanent + Temporary	70
Tsunami Fatalities - Permanent	177
Tsunami Fatalities - Temporary @ ~100% occupancy	1,015
Displaced Population - Permanent	155
Displaced Population - Permanent + Temporary	1,399

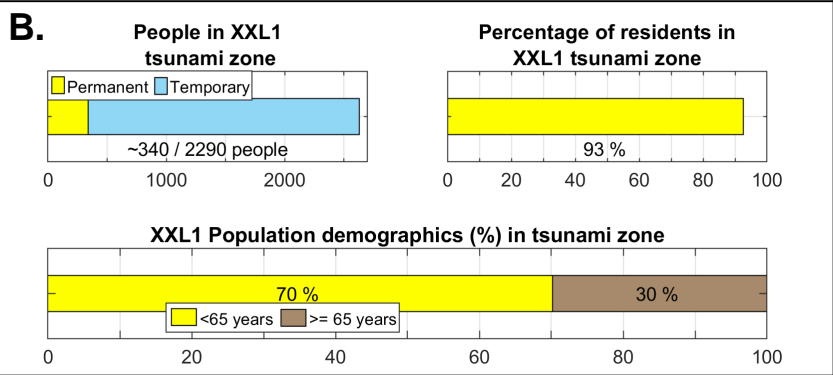
Neskowin - XXL1

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

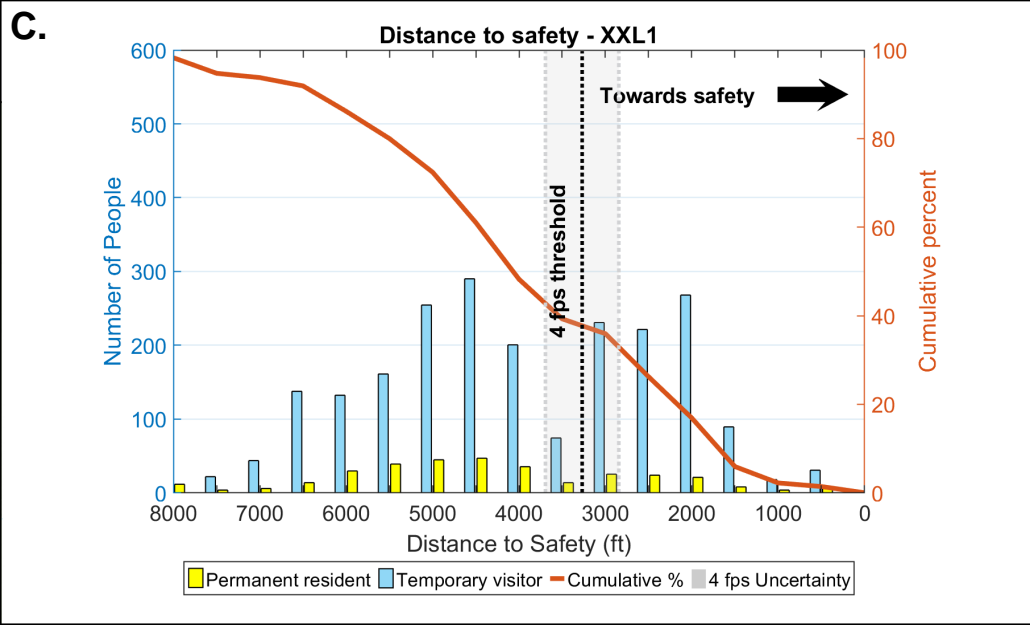
A.



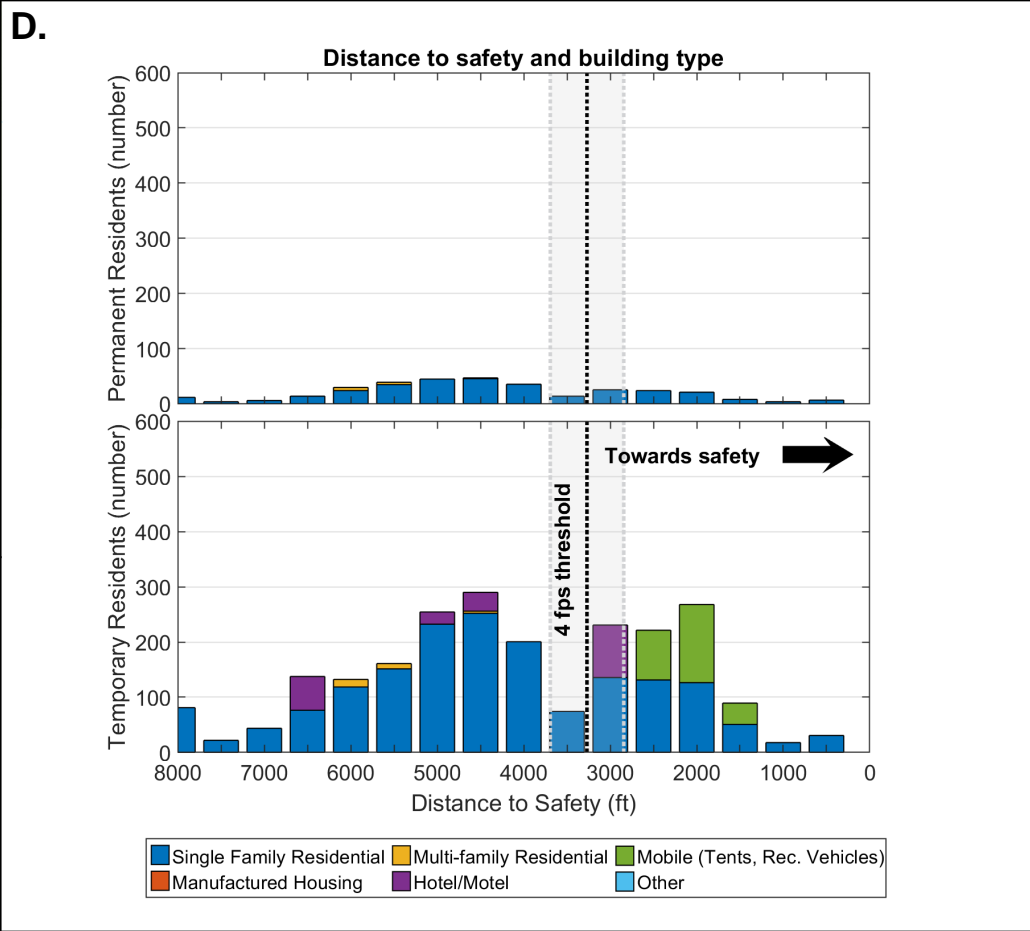
B.



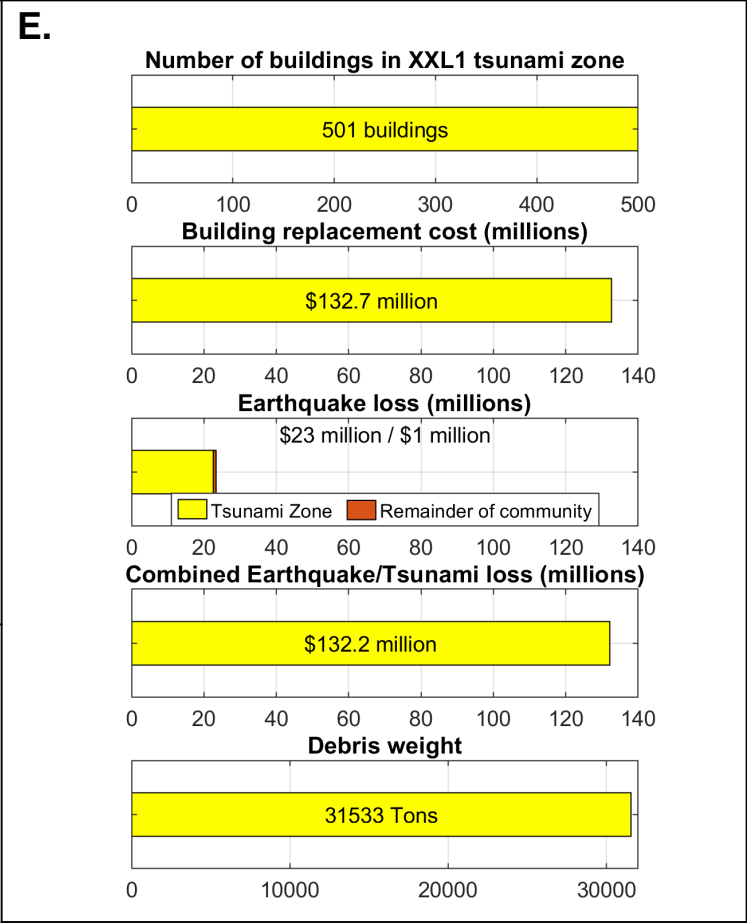
C.



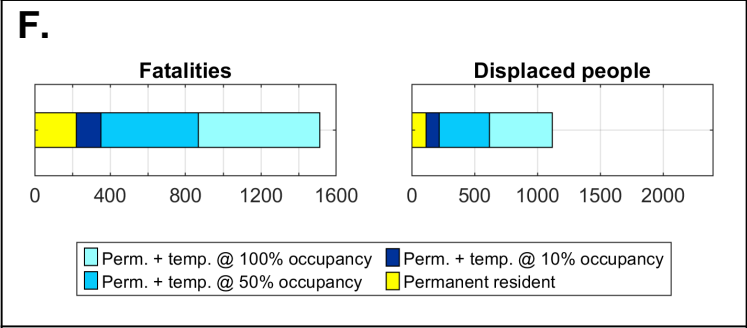
D.



E.



F.



Description	Total
Earthquake Injuries (Entire Community)	23
Tsunami Injuries - Permanent + Temporary	62
Tsunami Fatalities - Permanent	221
Tsunami Fatalities - Temporary @ ~100% occupancy	1,291
Displaced Population - Permanent	117
Displaced Population - Permanent + Temporary	1,119