

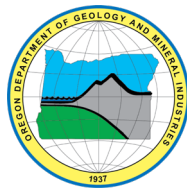
State of Oregon
Oregon Department of Geology and Mineral Industries
Ruarri Day-Stirrat, State Geologist

OPEN-FILE REPORT O-25-01

**EARTHQUAKE AND TSUNAMI IMPACT ANALYSIS FOR
THE OREGON COAST**

Lane County Community Profiles

By Jonathan C. Allan¹ and Fletcher E. O'Brien²



2025

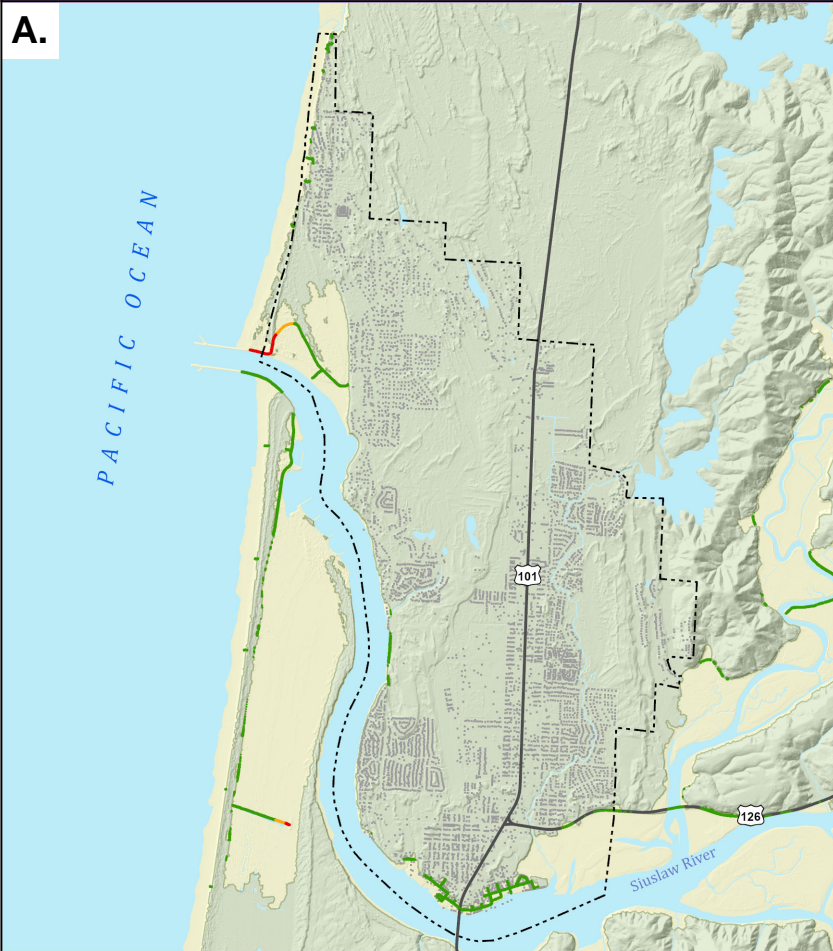
¹Oregon Department of Geology and Mineral Industries, Coastal Field Office, P.O. Box 1033, Newport, OR 97365

²Oregon Department of Geology and Mineral Industries, 800 NE Oregon Street, Suite 965, Portland, OR 97232

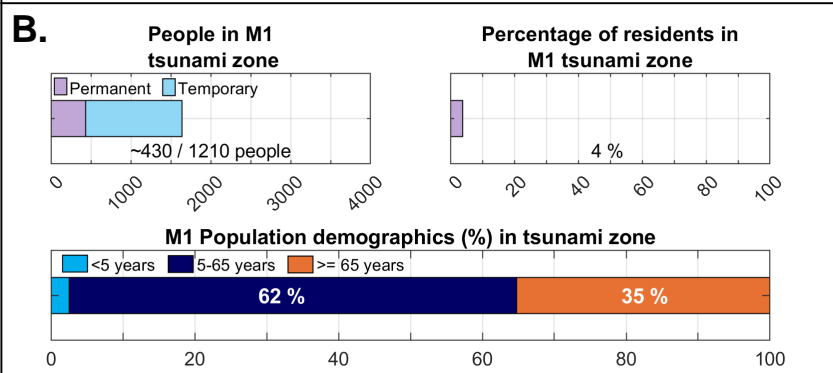
Florence - M1

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

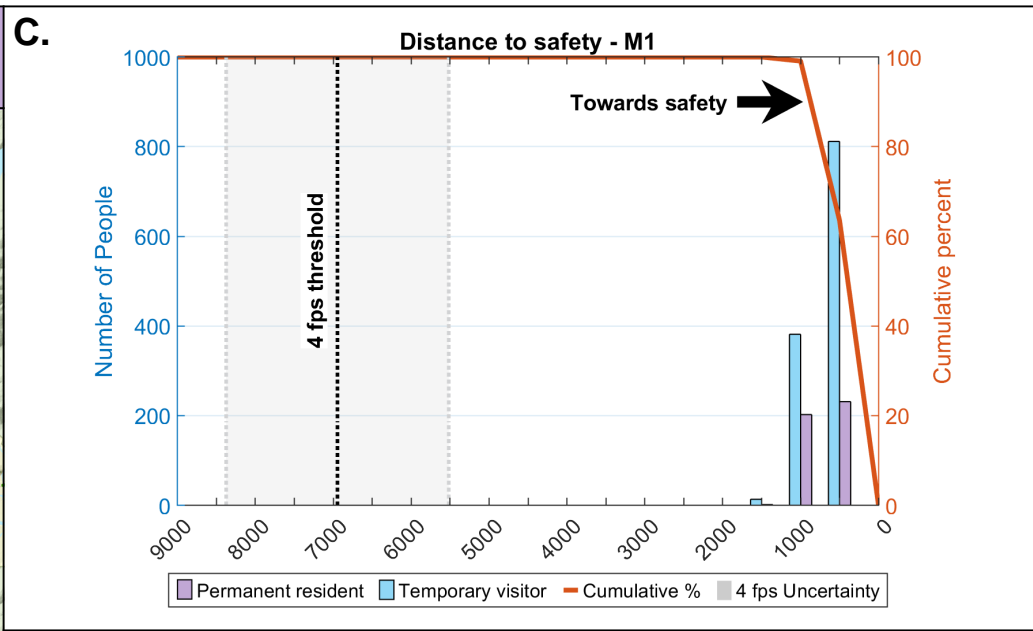
A.



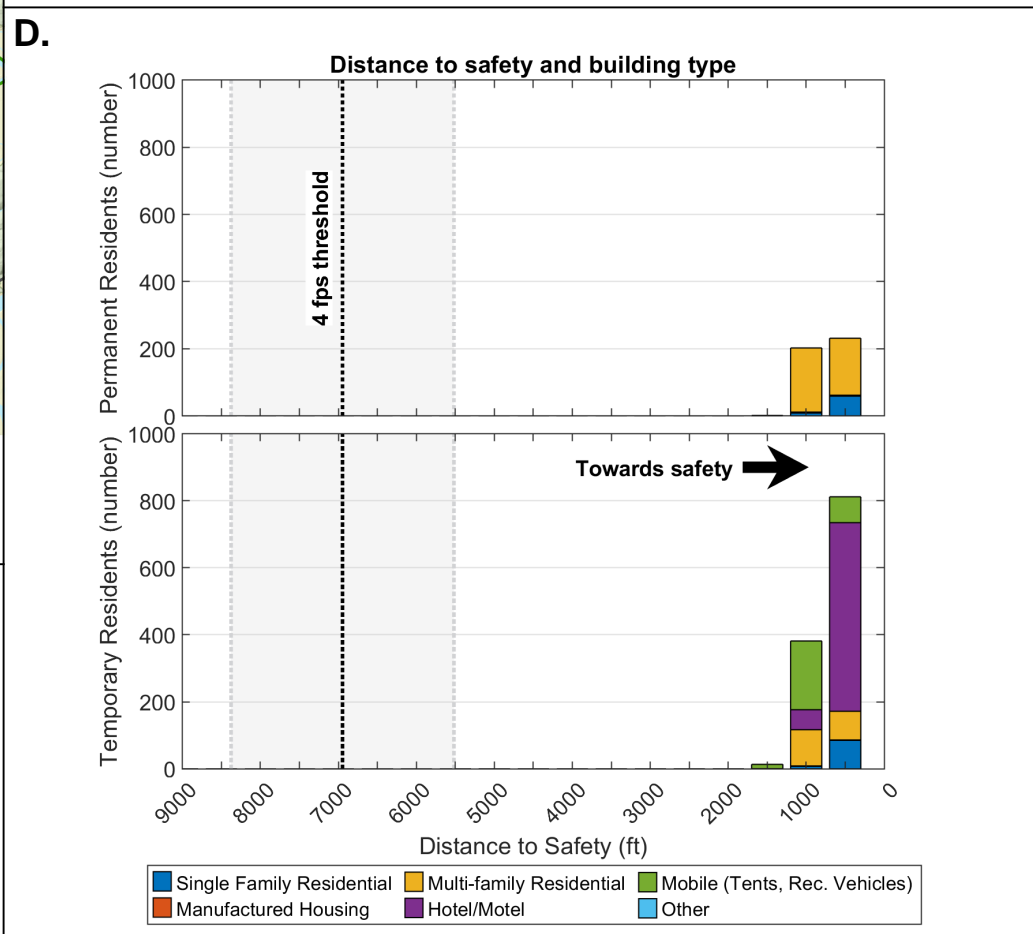
B.



C.



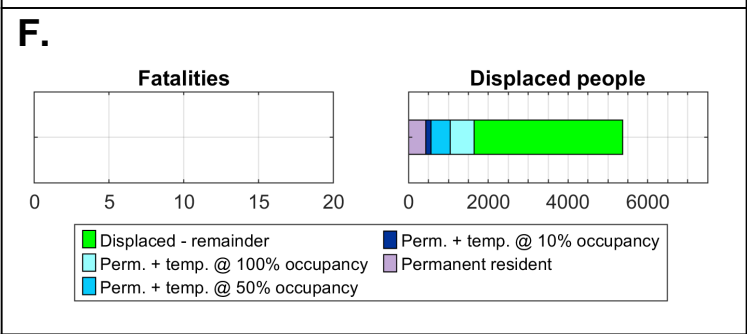
D.



E.



F.



Description	Total
Earthquake Injuries (Entire Community)	500
Tsunami Injuries - Permanent + Temporary	0
Tsunami Fatalities - Permanent	0
Tsunami Fatalities - Temporary @ ~100% occupancy	0
Displaced Population - Permanent	3,600
Displaced Population - Permanent + Temporary	5,370

