

Sea-Level Rise Economic Implications

May 20, 2022

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Sea-level rise is a real threat, particularly to the coastal counties

Tide Gauge Locations



Projected Sea-Level Rise (in feet) – Median Based on High Emissions

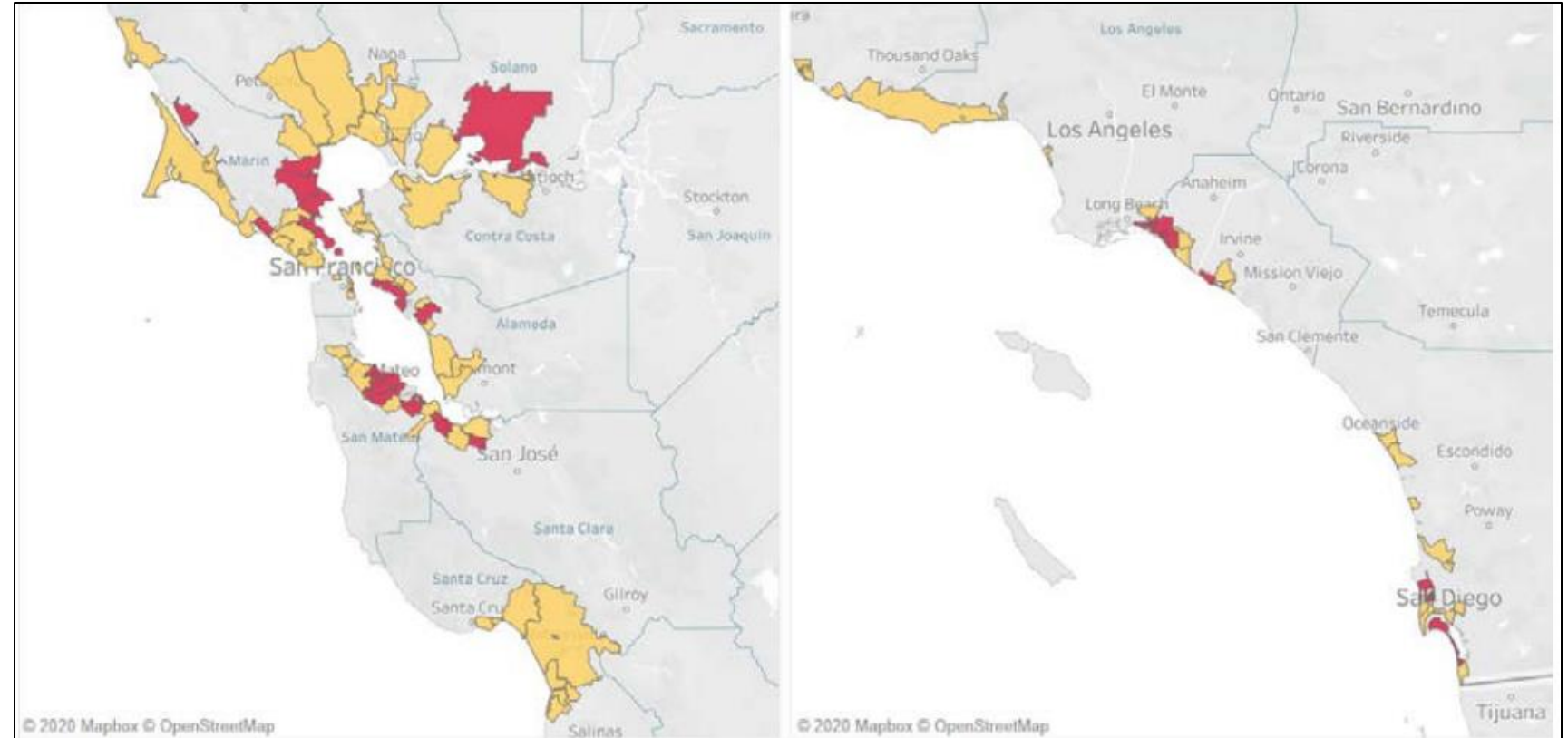
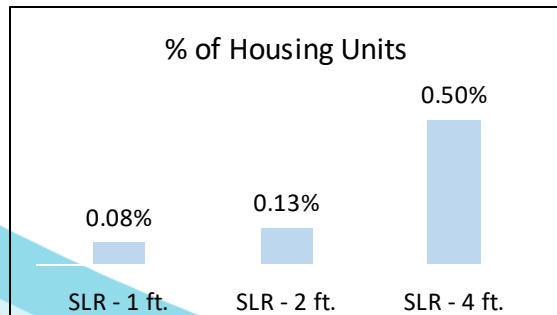
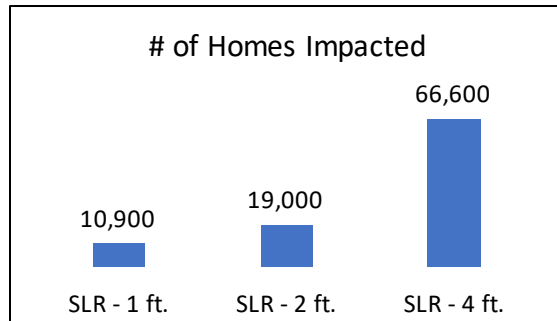
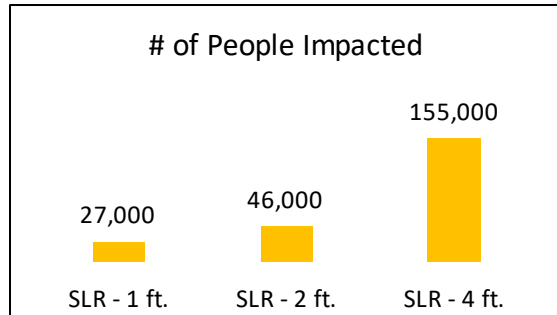
Yr./Location	Crescent City	North Spit	Arena Cove	Point Reyes	San Francisco	Monterey
2030	0.1	0.6	0.3	0.4	0.4	0.4
2050	0.4	1.2	0.7	0.9	0.9	0.8
2100	1.5	3.1	2.1	2.5	2.5	2.3

Yr./Location	Port of San Luis	Santa Barbara	Santa Monica	Los Angeles	La Jolla	San Diego
2030	0.3	0.3	0.4	0.3	0.5	0.5*
2050	0.7	0.7	0.8	0.7	0.9	0.9
2100	2.1	2.1	2.3	2.2	2.6	2.6

**Estimated based on likely range*

Impact on housing by sea-level rise in California

Impact at the state level



Sea-level rise impact by county (1 of 2)

County	# of homes subject to SLR Risk	# of people affected	Potential property value loss (in 2021 dollar)	Potential property tax Loss
Alameda County	7,061	19,136	\$7,888,018,181	\$61,526,542
Contra Costa	317	977	\$192,857,235	\$1,639,286
Del Norte	1	2	\$244,440	\$1,784
Humboldt	571	1,297	\$227,018,875	\$1,521,026
Los Angeles	4,737	8,538	\$5,660,363,144	\$40,754,615
Marin	7,228	16,874	\$10,505,319,567	\$80,890,961
Mendocino County	1	2	\$1,093,202	\$7,543
Monterey	8	30	\$7,415,833	\$52,652
Napa	138	351	\$116,033,531	\$789,028
Orange	6,694	13,293	\$11,577,614,829	\$79,885,542

Note: Above calculations/analyses calculated based on impact of sea-level rise of 4 feet

Sea-level rise impact by county (2 of 2)

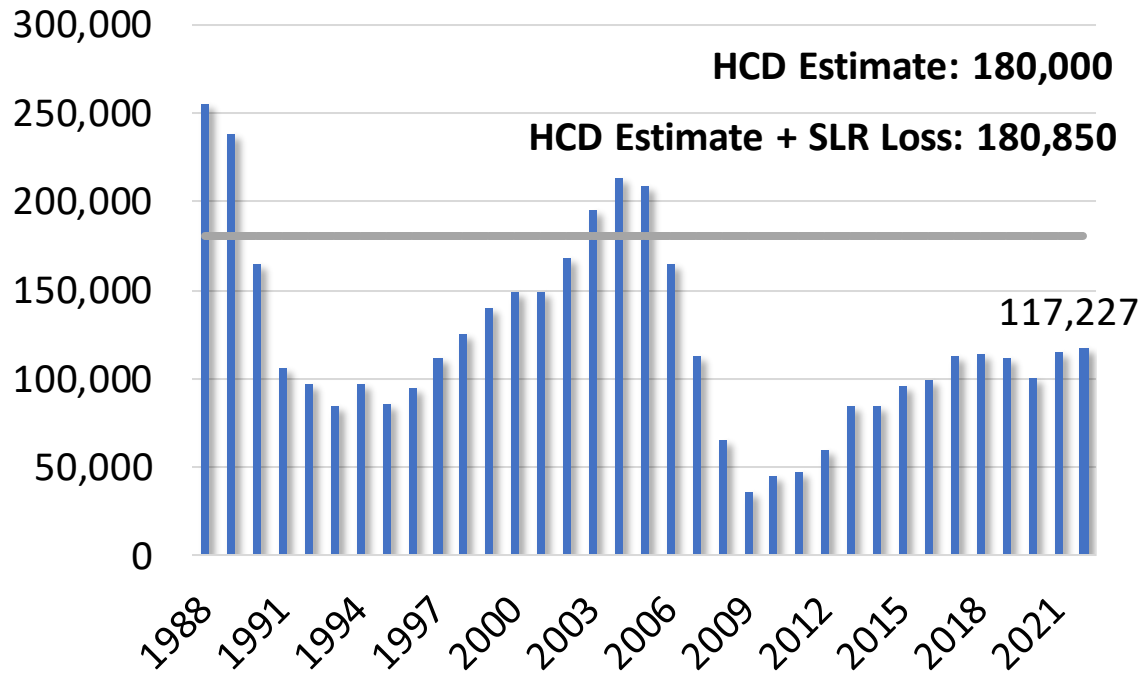
County	# of homes subject to SLR Risk	# of people affected	Potential property value loss (in 2021 dollar)	Potential property tax Loss
San Diego	2,976	5,745	\$3,495,118,582	\$25,514,366
San Francisco	1,778	3,089	\$2,439,291,565	\$15,611,466
San Luis Obispo	7	16	\$5,103,250	\$36,233
San Mateo	26,781	67,996	\$40,588,785,440	\$263,827,105
Santa Barbara	257	566	\$230,845,975	\$1,523,583
Santa Clara	6,057	19,208	\$14,963,146,212	\$109,230,967
Santa Cruz County	388	1,310	\$312,515,063	\$2,062,599
Solano	1,256	3,515	\$688,902,350	\$5,648,999
Sonoma	21	14	\$30,864,000	\$216,048
Ventura	314	828	\$209,815,312	\$1,531,652

Note: Above calculations/analyses calculated based on impact of sea-level rise of 4 feet

Effects on housing supply and affordability

California Housing Permits

■ Permits - - HCD Estimate

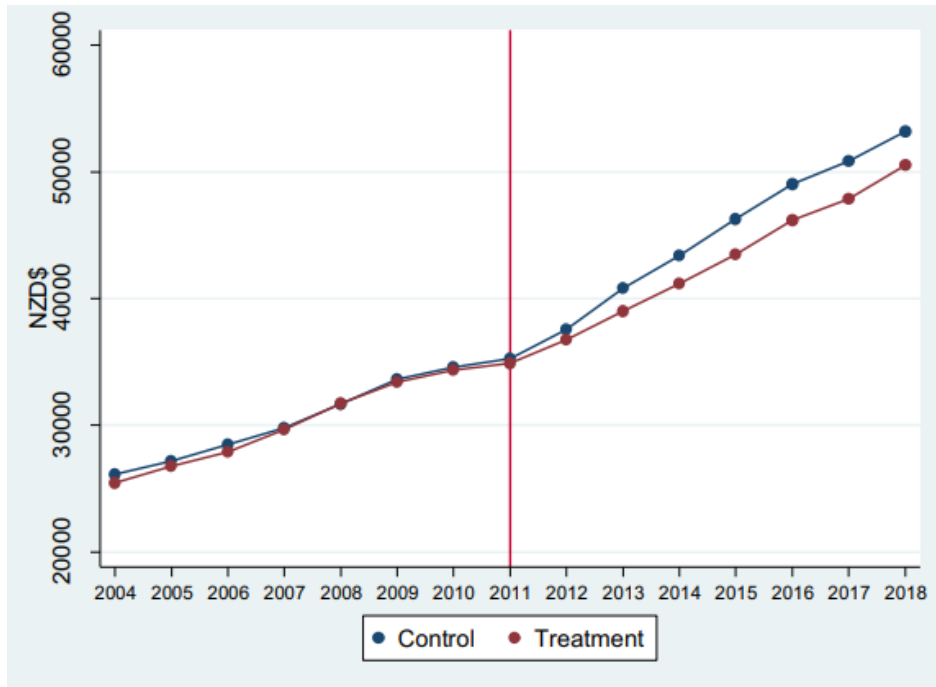


County	Add'l units needed/yr. for SLR
Alameda	91
Contra Costa	4
Del Norte	0
Humboldt	7
Los Angeles	61
Marin	93
Mendocino	0
Monterey	0
Napa	2
Orange	86

County	Add'l units needed/yr. for SLR
San Diego	38
San Francisco	23
San Luis Obispo	0
San Mateo	343
Santa Barbara	3
Santa Clara	78
Santa Cruz	5
Solano	16
Sonoma	0
Ventura	4

Managed retreat programs could have adverse effects on personal income

Average wages and salaries



Average total income

