

- NOT FLOODED
- FLOODED
- DAMAGED

0 2.5 5 10 Miles

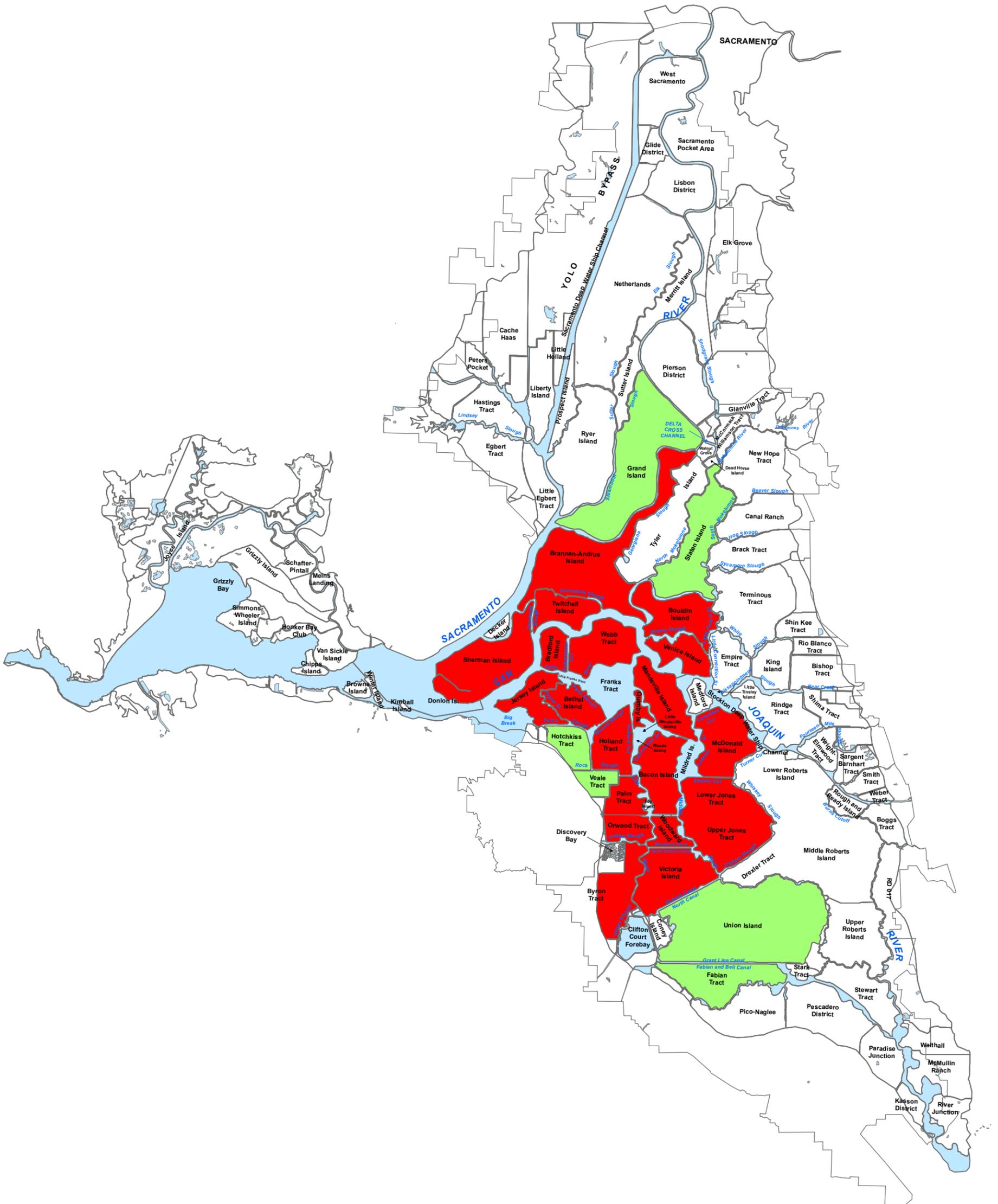


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Case 4 Seismic Scenario
10 Islands Flooded &
No Others Damaged

Figure
13-17



- NOT FLOODED
- FLOODED
- DAMAGED

0 2.5 5 10 Miles

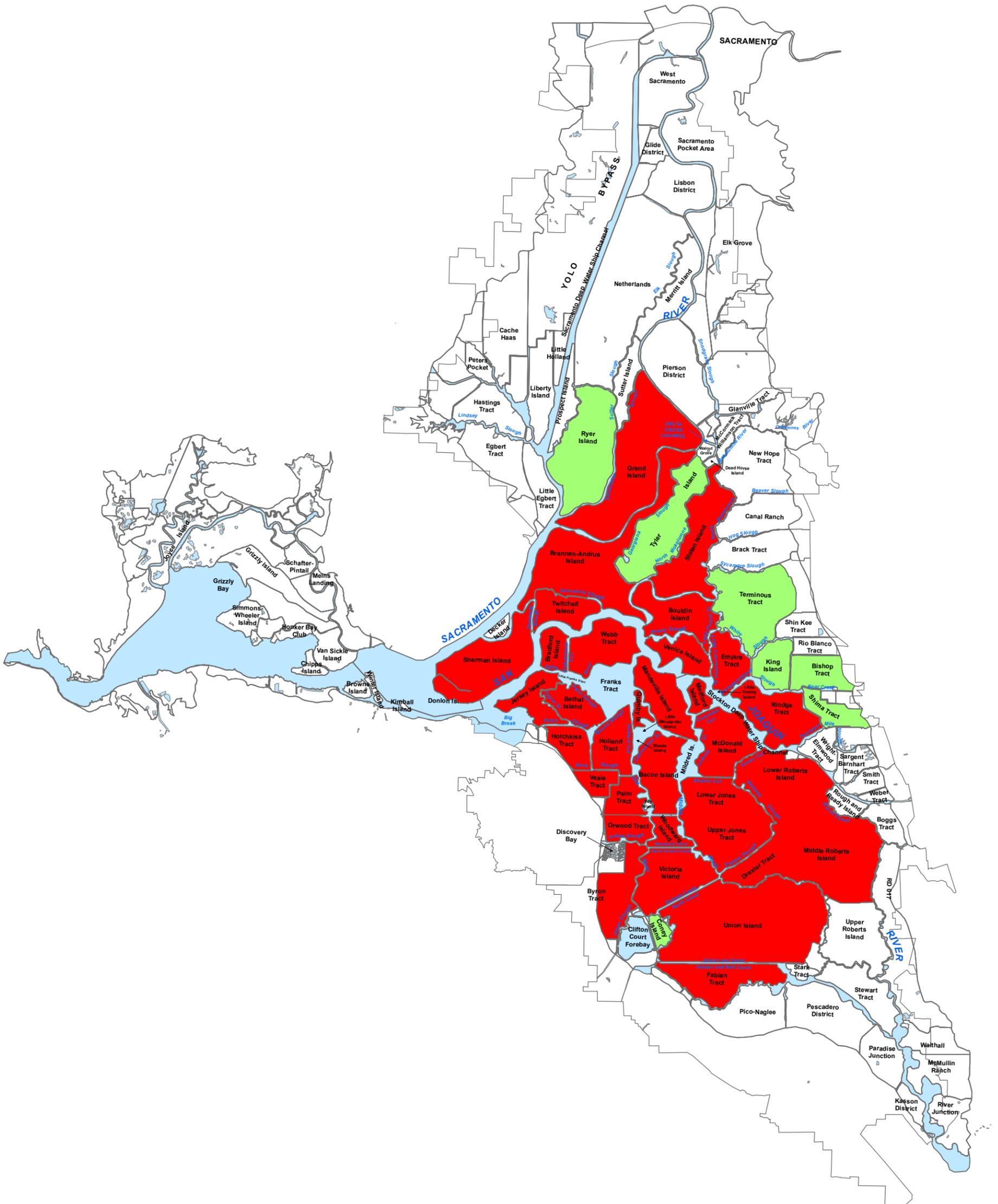


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Case 5 Seismic Scenario
20 Islands Flooded &
6 Others Damaged

Figure
13-18

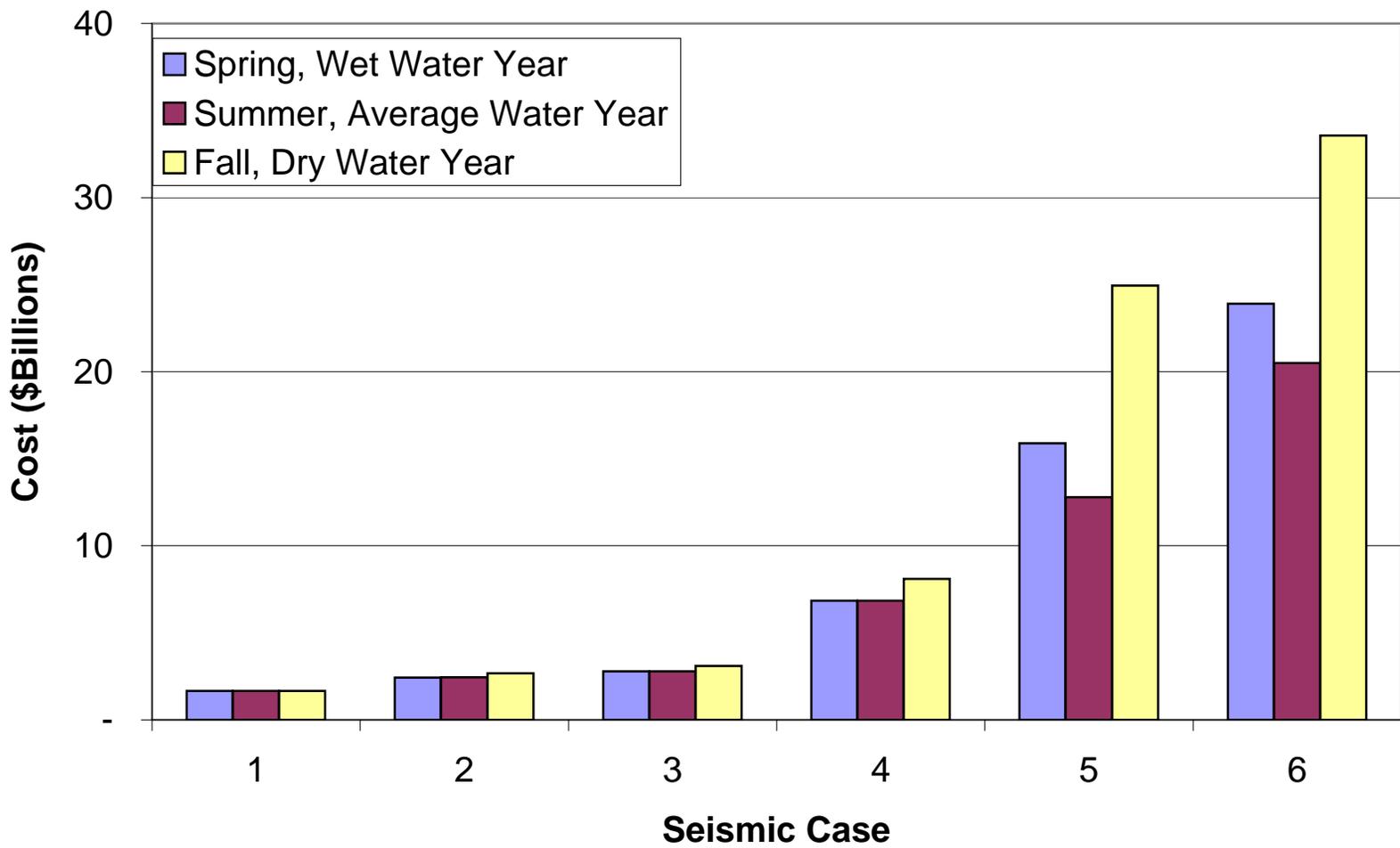


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Case 6 Seismic Scenario
30 Islands Flooded &
7 Others Damaged

Figure
13-19



**Figure 13-20 ECONOMIC COSTS
Seismic Failure Scenarios**

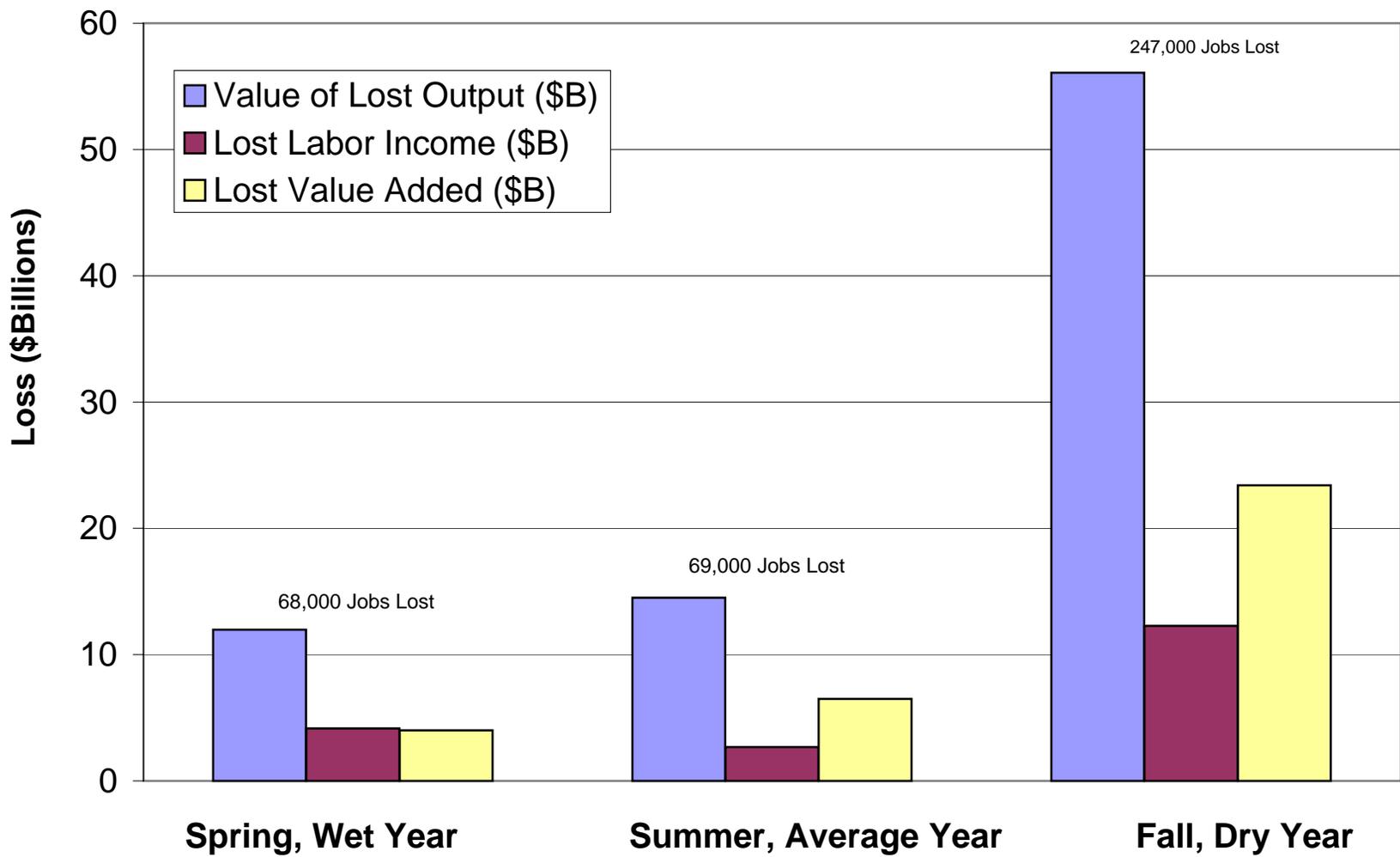


Figure 13-21 ECONOMIC IMPACTS
Case 6 Seismic Scenario (30 Flooded Islands, 6 Damaged)

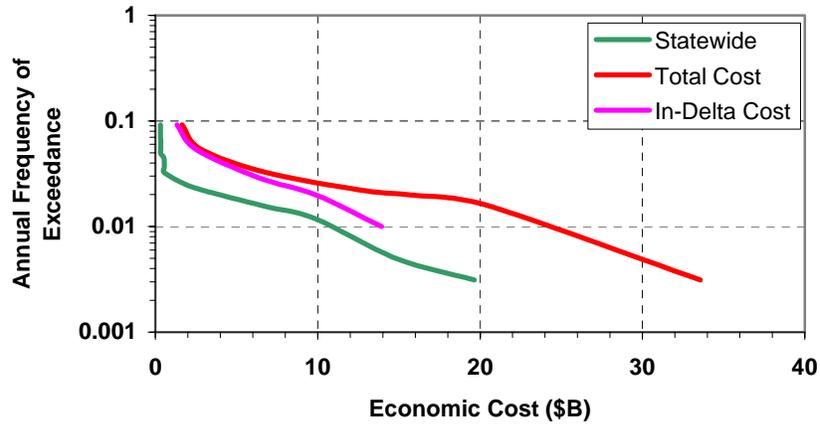


Figure 13-22 Mean Frequency Distribution of the Economic Costs due to Seismic Events (The Total costs and Costs In-Delta and Statewide are shown)

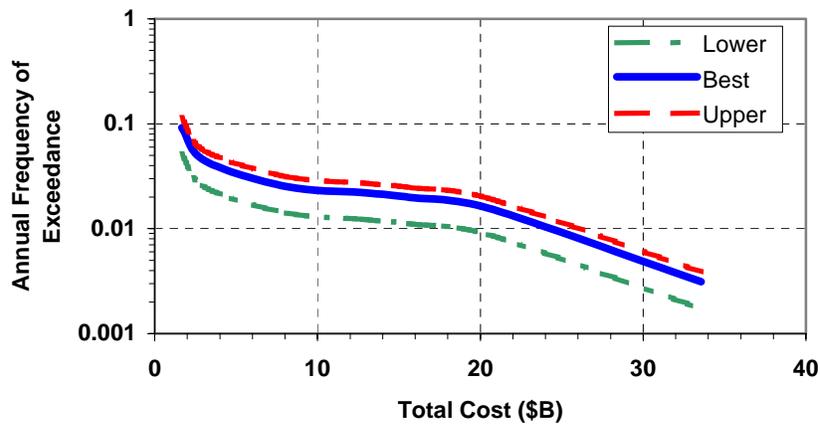
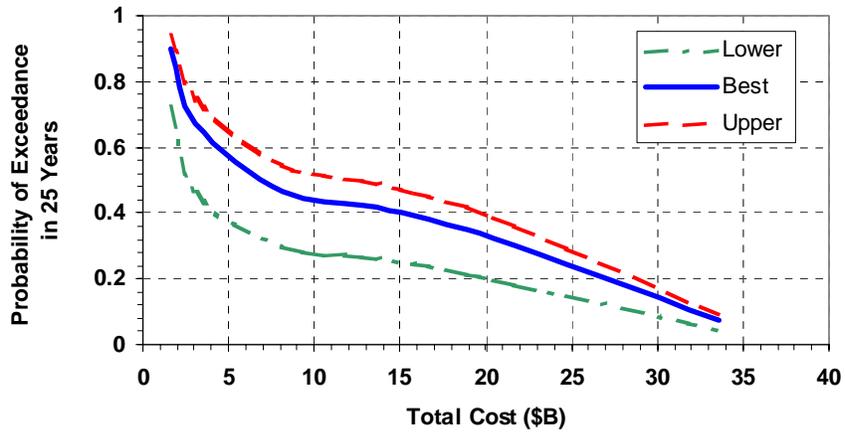
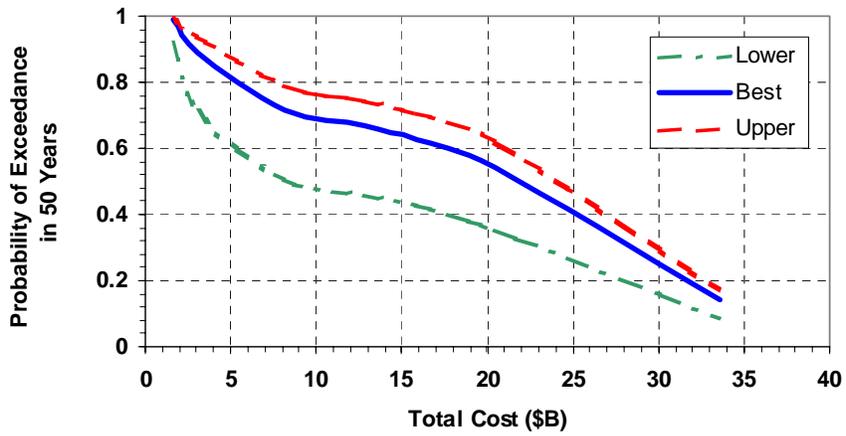


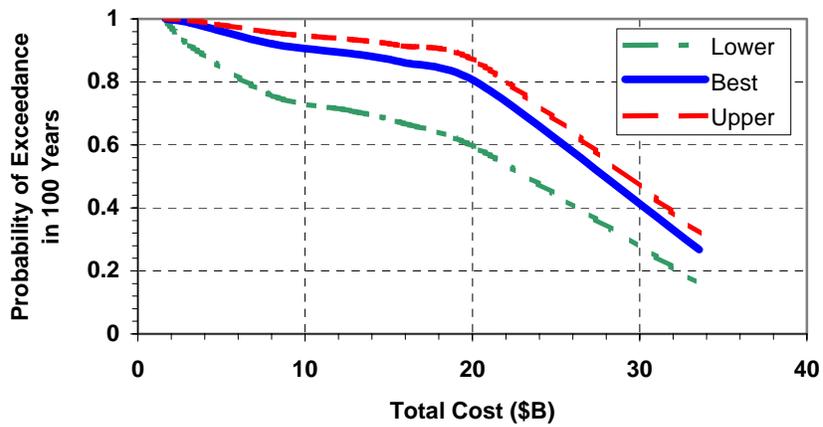
Figure 13-23 Frequency Distribution Including Uncertainty on the Total Economic Costs due to Seismic Events



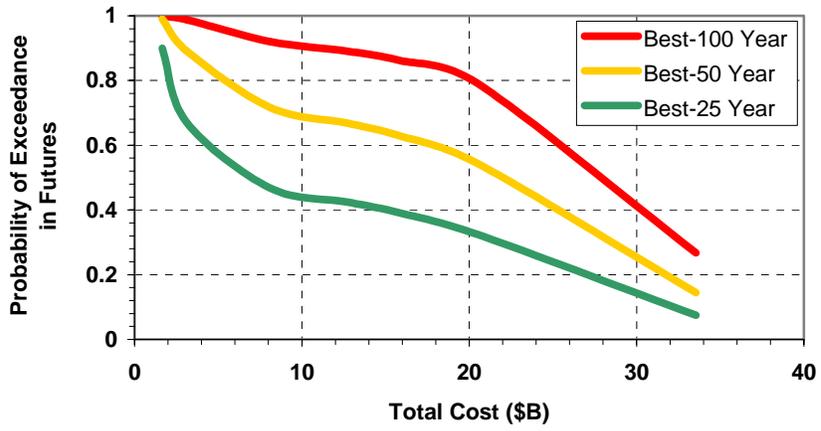
(a) Probability of Exceedance in 25 Years



(b) Probability of Exceedance in 50 Years

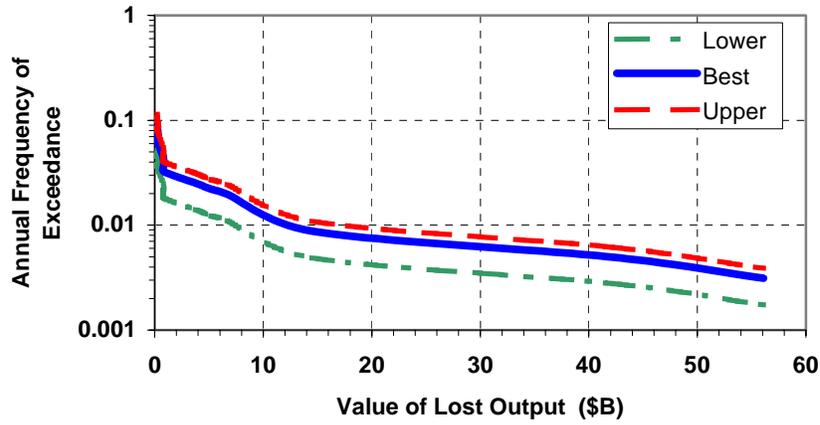


(c) Probability of Exceedance in 100 Years

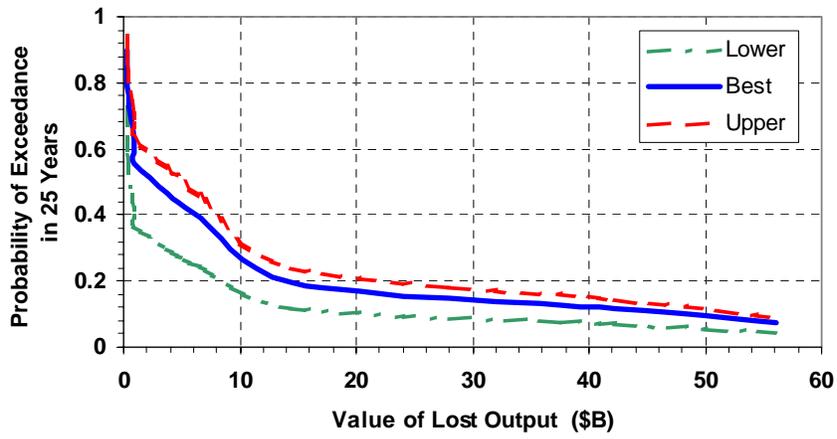


(d) Mean Probability of Exceedance in Futures

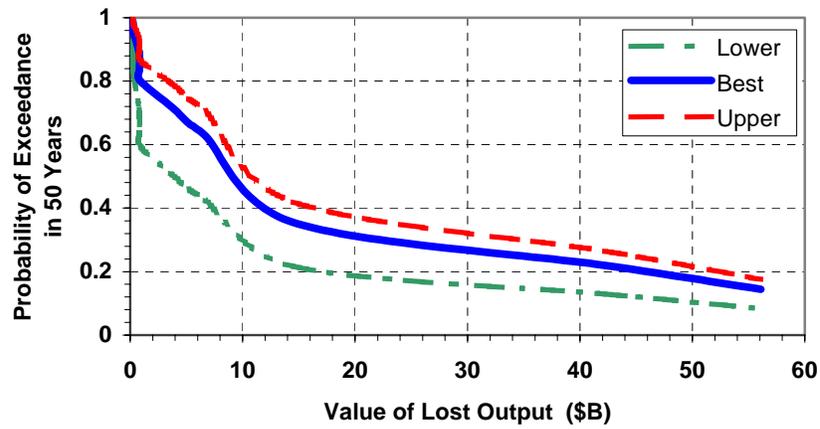
Figure 13-24 Probability of Exceedance in 25, 50, and 100 Year Exposure Periods VS Total Economic Cost



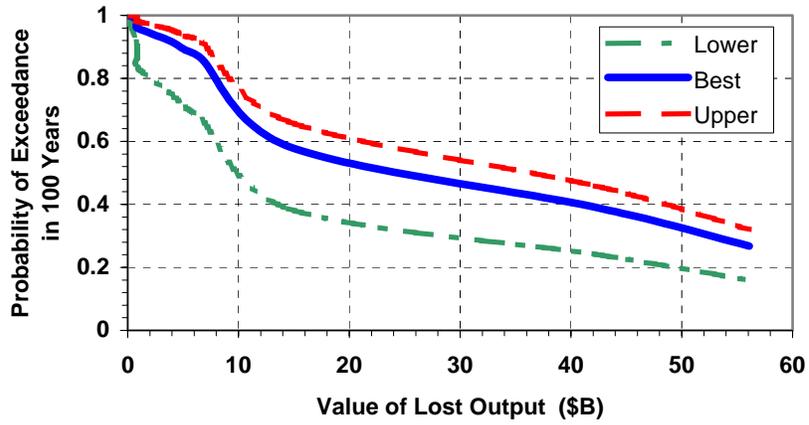
(a) Annual Frequency of Exceedance VS Value of Lost Output



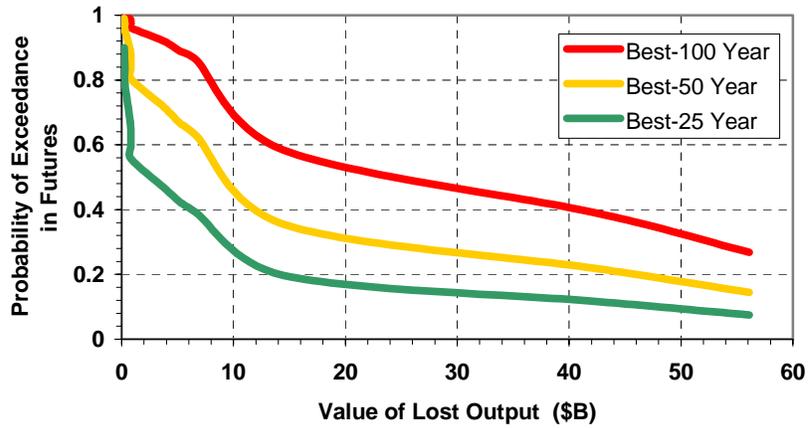
(b) Probability of Exceedance in 25 Years



(c) Probability of Exceedance in 50 Years

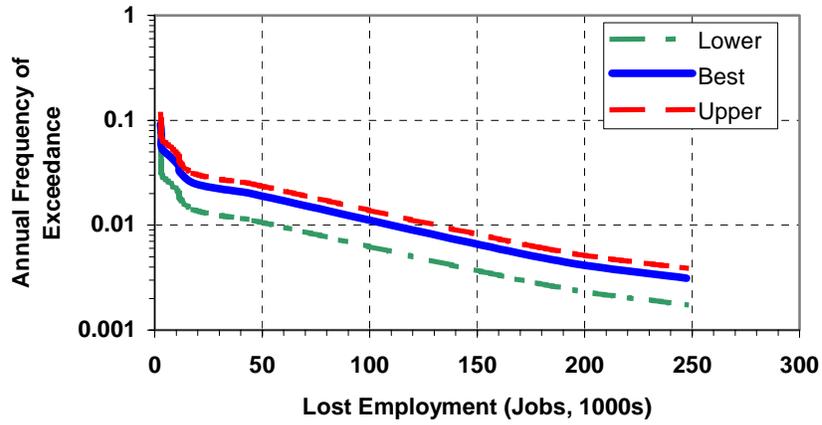


(d) Probability of Exceedance in 100 Years

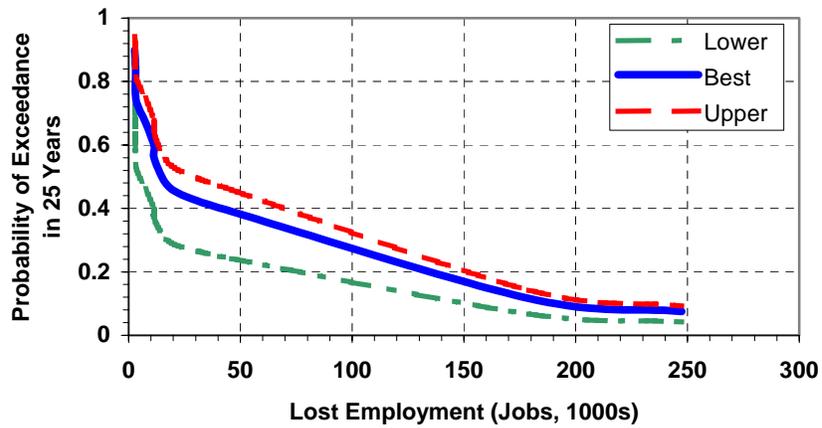


(e) Mean Probability of Exceedance in Futures

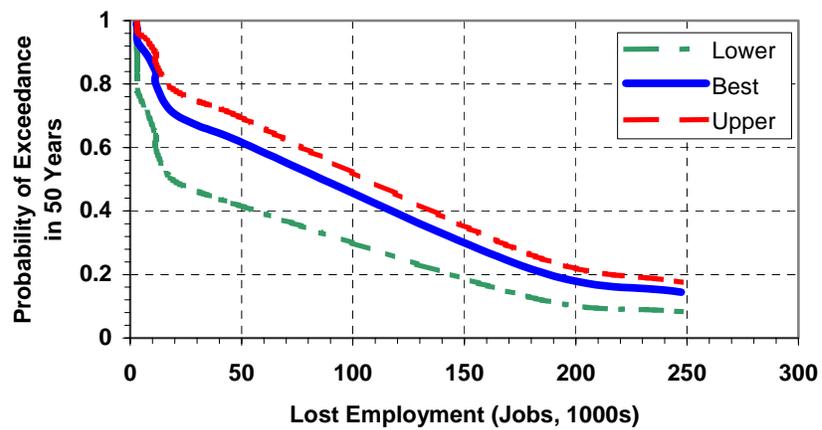
Figure 13-25 Frequency Distribution Including Uncertainty on the Economic Impacts due to Seismic Events and Impacts for Various Exposure Periods for Value of Lost Output



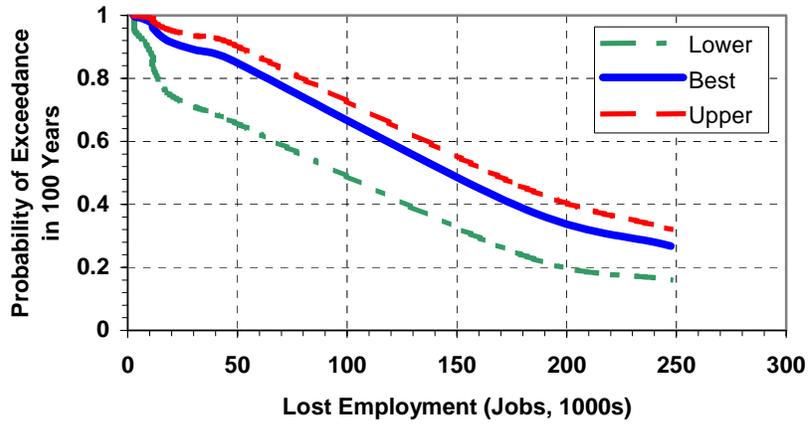
(a) Annual Frequency of Exceedance VS Lost Employment



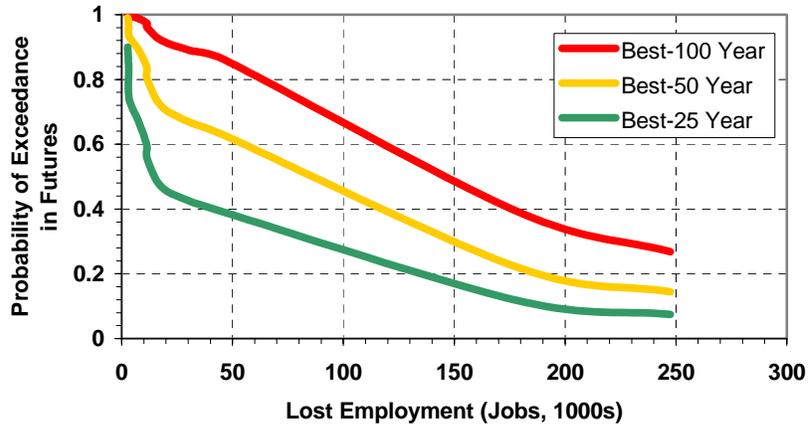
(b) Probability of Exceedance in 25 Years



(c) Probability of Exceedance in 50 Years

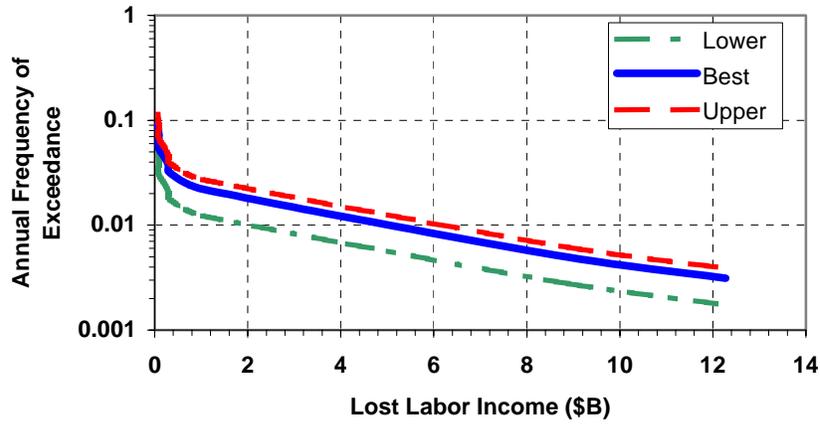


(d) Probability of Exceedance in 100 Years

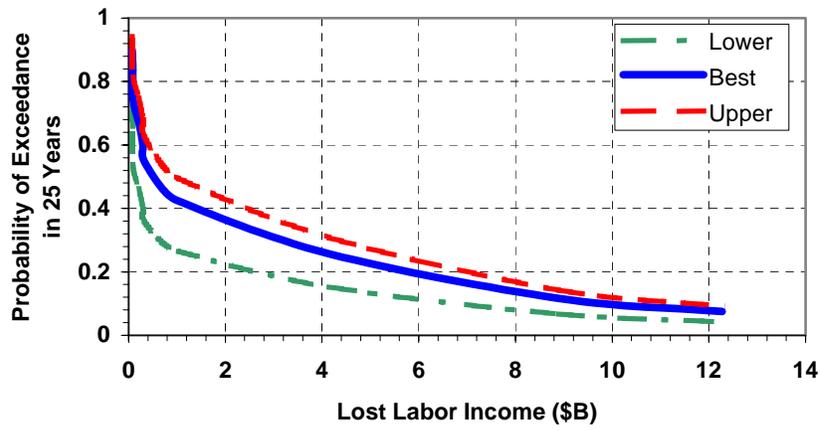


(e) Mean Probability of Exceedance in Futures

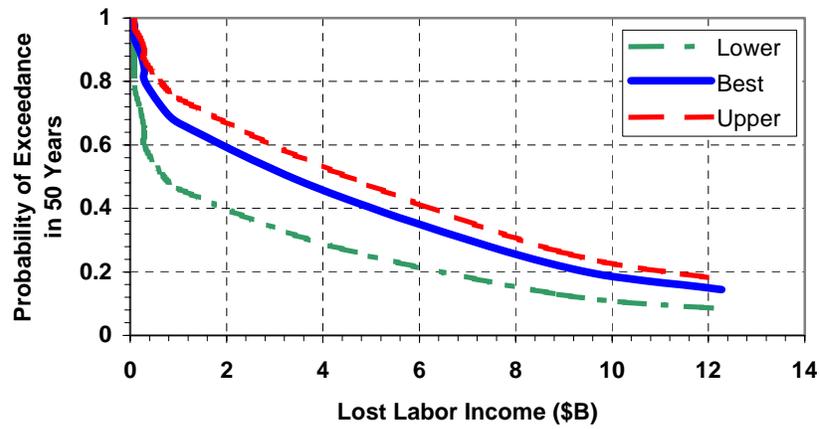
Figure 13-26 Frequency Distribution Including Uncertainty on the Economic Impacts due to Seismic Events and Impacts for Various Exposure Periods - Lost Employment



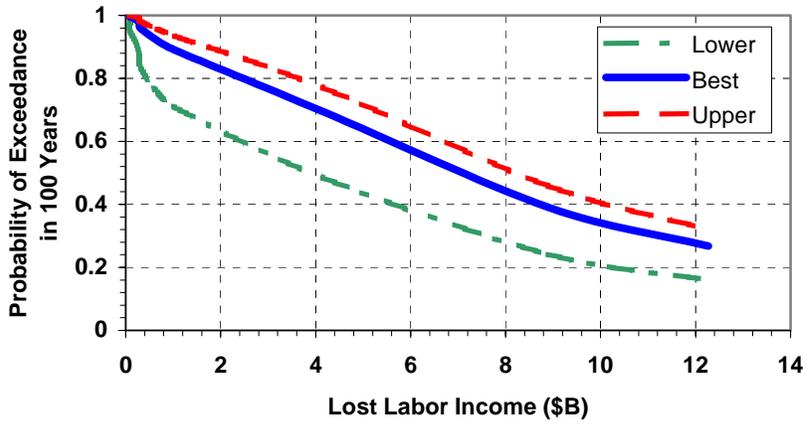
(a) Annual Frequency of Exceedance VS Lost Labor Income



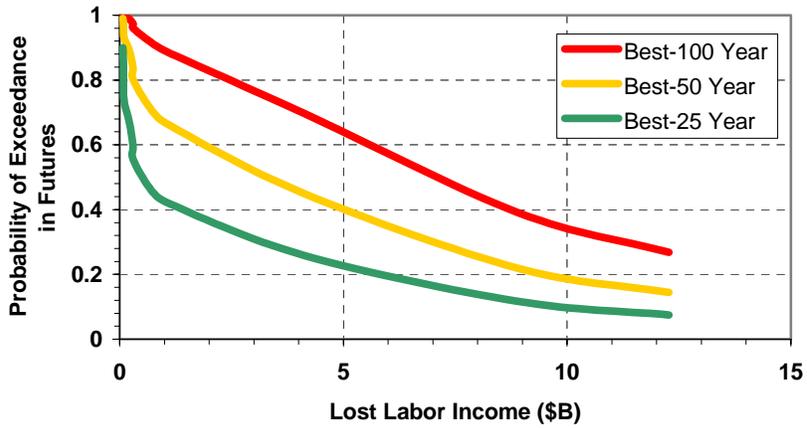
(b) Probability of Exceedance in 25 Years



(c) Probability of Exceedance in 50 Years

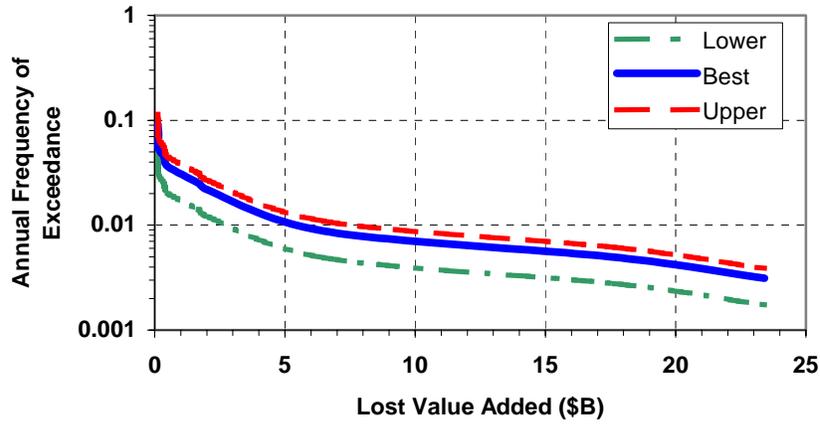


(d) Probability of Exceedance in 100 Years

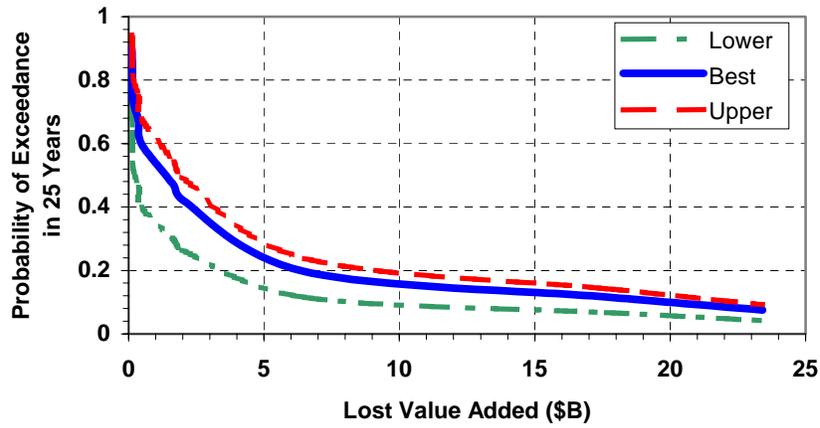


(e) Mean Probability of Exceedance in Futures

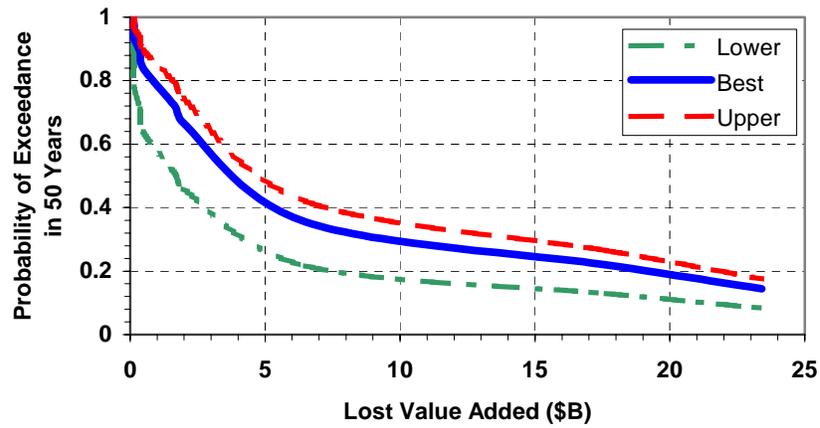
Figure 13-27 Frequency Distribution Including Uncertainty on the Economic Impacts due to Seismic Events and Impacts for Various Exposure Periods - Lost Labor Income



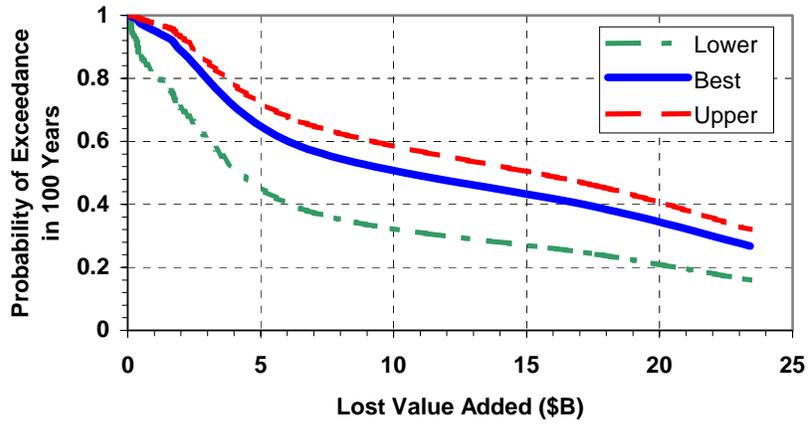
(a) Annual Frequency of Exceedance VS Lost Value Added



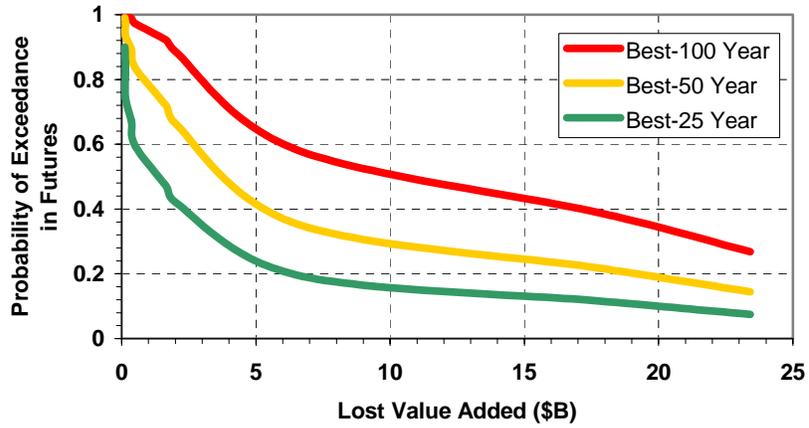
(b) Probability of Exceedance in 25 Years



(c) Probability of Exceedance in 50 Years



(d) Probability of Exceedance in 100 Years



(e) Mean Probability of Exceedance in Futures

Figure 13-28 Frequency Distribution Including Uncertainty on the Economic Impacts due to Seismic Events and Impacts for Various Exposure Periods - Lost Value Added

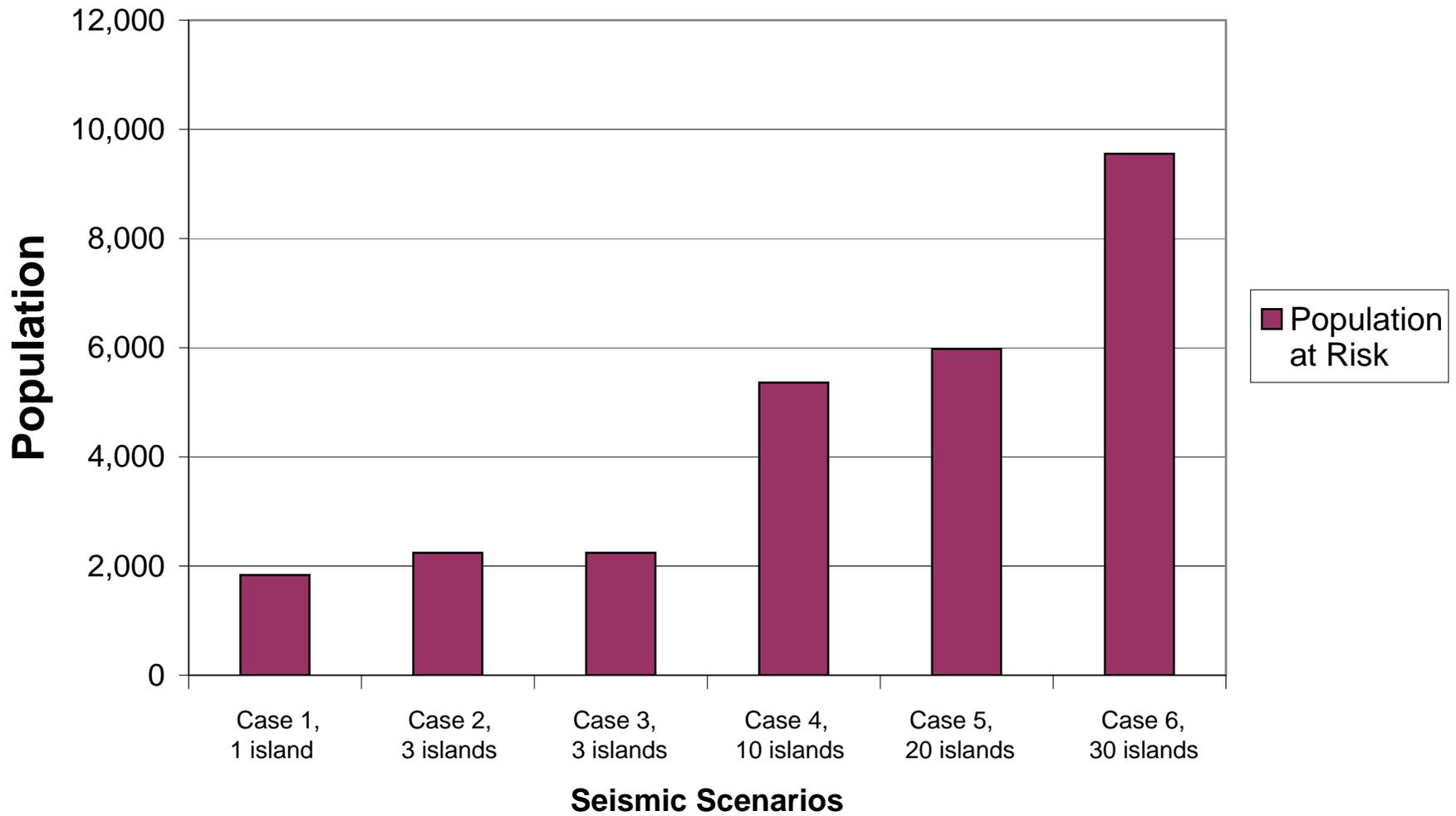
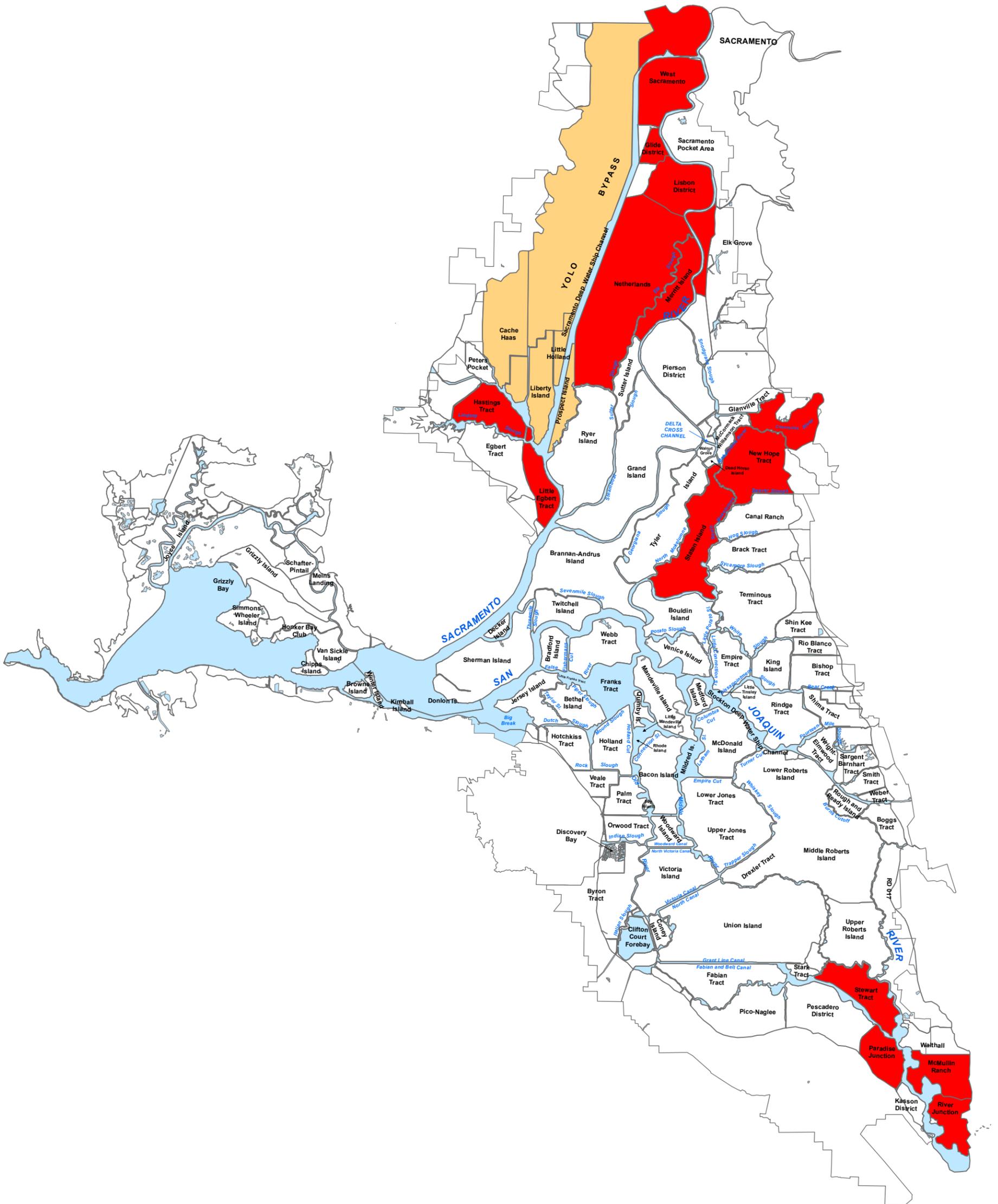


Figure 13-29 Population at Risk Versus Number of Islands Flooded for Seismic Scenarios



- NOT FLOODED
- FLOODED
- FLOODED (YOLO BYPASS)

0 2.5 5 10 Miles

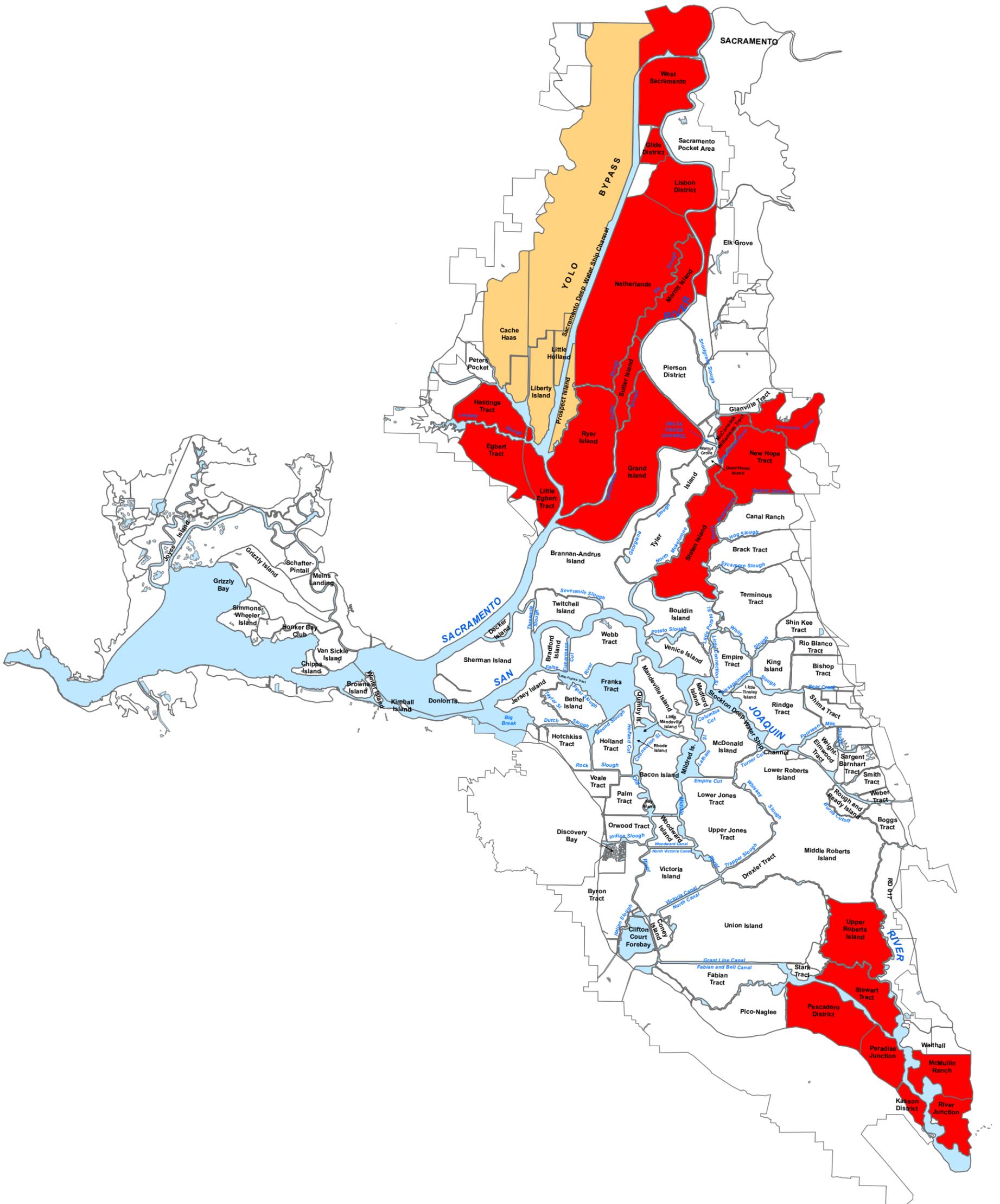


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Case 7 Flood Scenario
20 Islands Flooded &
No Others Damaged

Figure
13-30



- NOT FLOODED
- FLOODED
- FLOODED (YOLO BYPASS)

0 2.5 5 10 Miles



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Case 8 Flood Scenario
30 Islands Flooded &
No Others Damaged

Figure
13-31

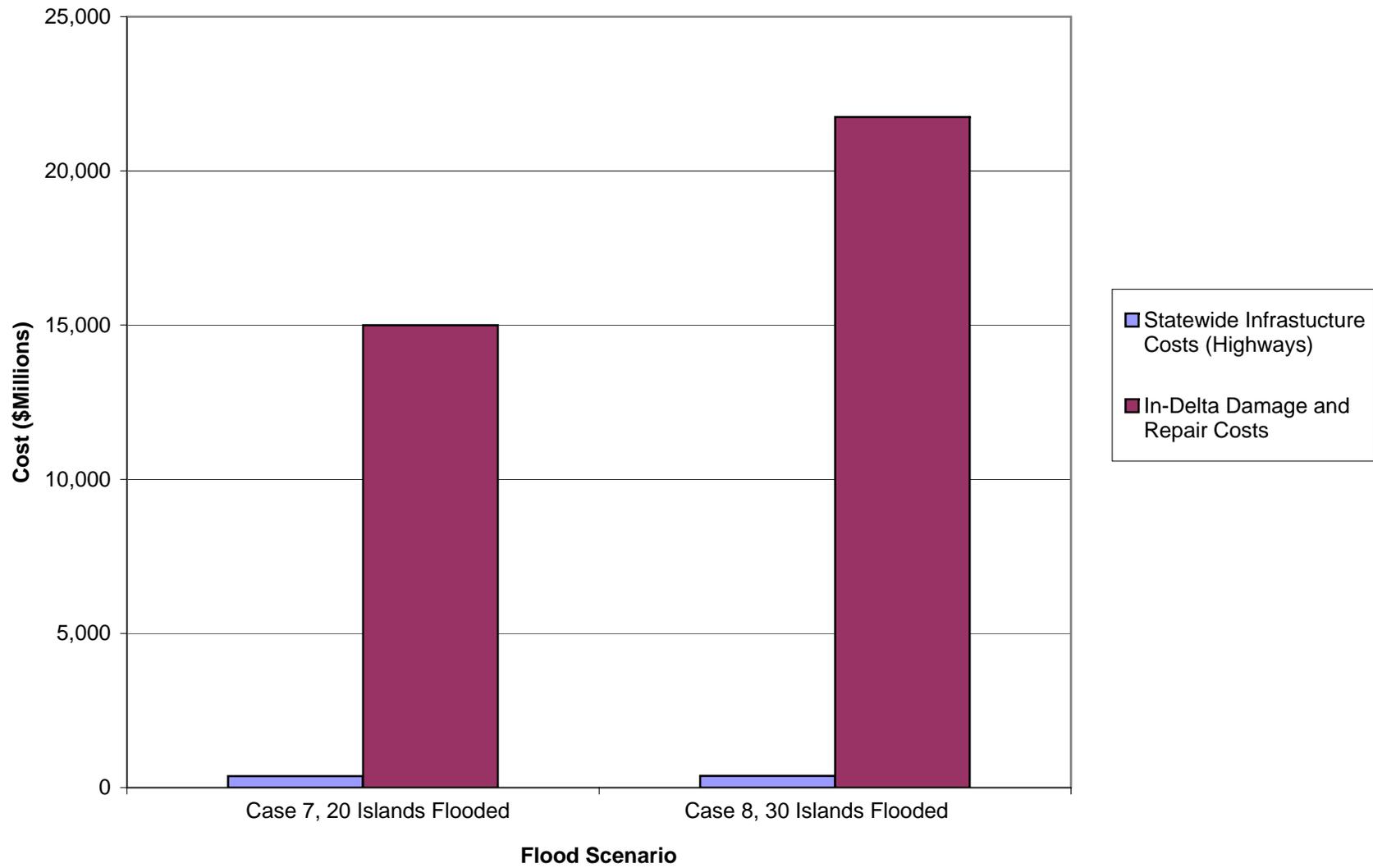


Figure 13-32 Economic Costs of Flood Failure Scenarios

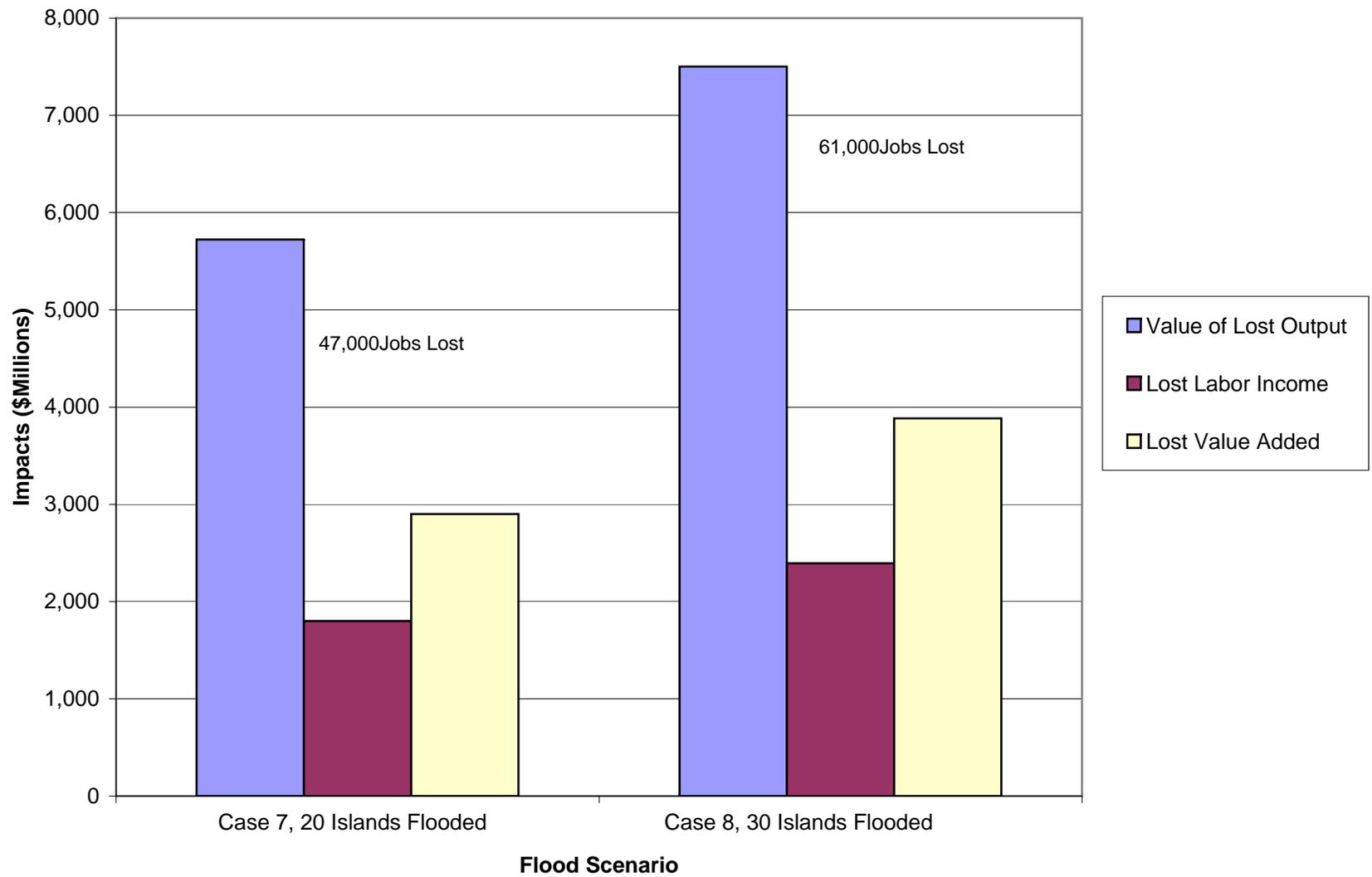


Figure 13-33 Economic Impacts of Flood Failure Scenarios

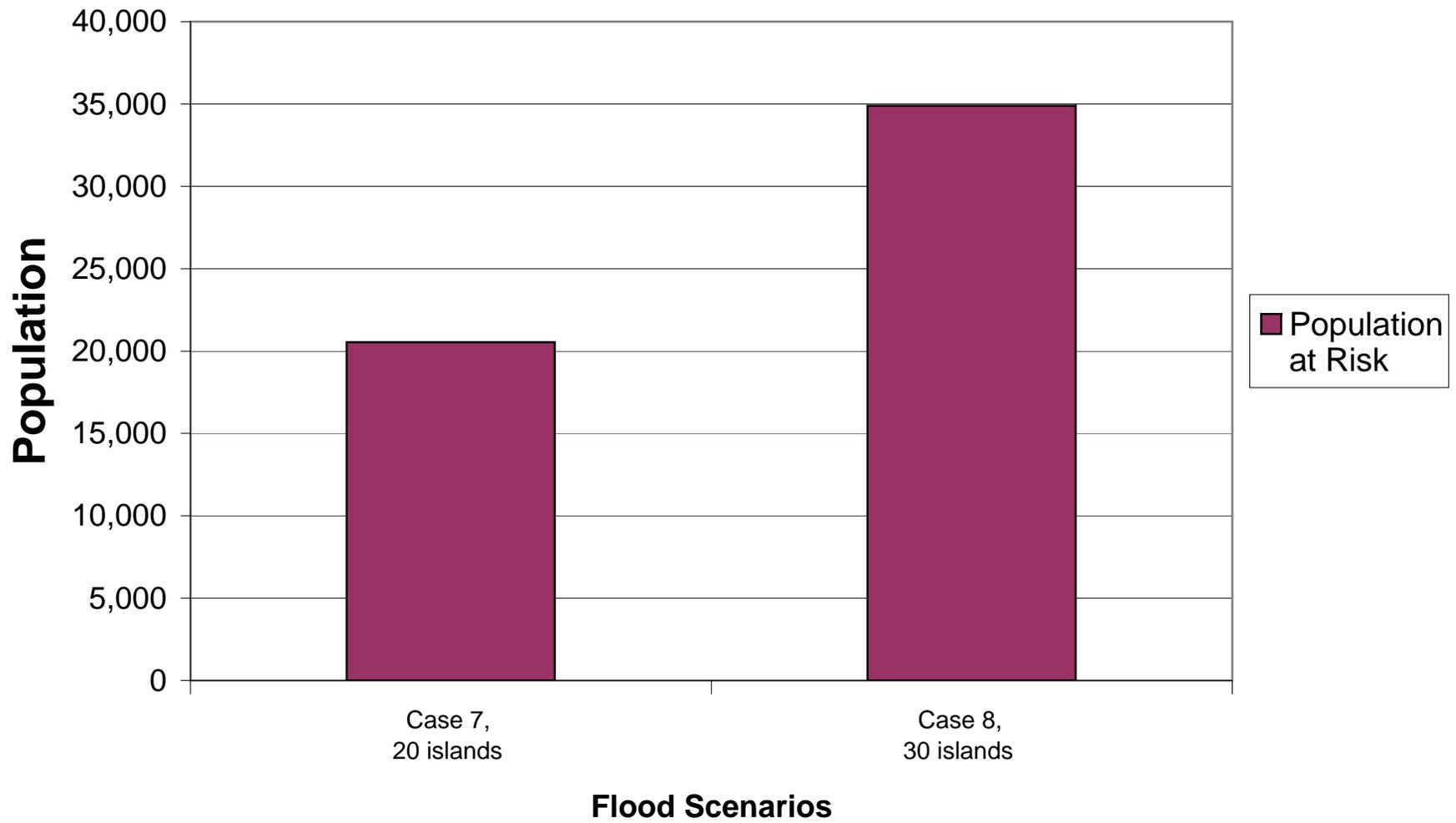


Figure 13-34 Population at Risk Versus Number of Islands Flooded for Hydrologic (Flood) Scenarios