

# KENAI PENINSULA BOROUGH, ALASKA

December 2017

FEMA's Risk MAP Program helps strengthen communities by identifying actions they can take now to reduce their hazard risk, enhances local planning, improve outreach through risk communications, and increase local resilience to natural hazards. Below is an overview of some key items documented in the Risk Report.



KPB can expect \$5.8 million in building loss during a 1-percent-annual-chance flood event.

Homer and Seward would have building loss ratios at 12-percent and 10-percent.

The unincorporated community of Lowell Point would have a building loss ratio over 16-percent.



Cook Inlet coastal erosion threatens 166 improved parcels between the Kasilof River and Ninilchick River totaling over \$36 million in assets at risk.



The USACE is conducting a Hybrid Risk Assessment of the Lowell Creek Dam to determine the most creditable failure models.



An earthquake risk assessment of a M9.2 Great Alaska Earthquake scenario projected over \$400 million in building and content losses.



Twelve Presidential Disaster Declarations have been declared for the Borough for fire, flooding, freezing, and severe storms dating back to 1986.



Tsunami Risk Assessments are available for Homer, Seldovia, and Seward.

Over 220 parcels have improvements in an identified tsunami inundation zone.

Seldovia and Seward have over 13-percent of their improved parcels in a tsunami inundation zone.



Over 250 educational, health, and government facilities were assessed for earthquake loss.



The risk report highlights critical facilities that are most vulnerable to hazard events and includes suggested mitigation strategies.



Cooper Landing, Happy Valley, Homer, Kenai, and Seward have newly created flood depth grids.



338 flood insurance policies are in effect with almost \$87 million in coverage.

## KEEPING KENAI PENINSULA BOROUGH SAFE: Your Risk MAP Timeline

YOU ARE HERE

Discovery Meeting

Project Kickoff

Flood Study Review

CCO and Public Meetings

Effective Maps

Resilience Meeting

