

# KETCHIKAN GATEWAY BOROUGH (KGB), AK

November 2018

FEMA's Risk MAP program supports communities to take actions to increase local resilience to natural hazards. Risk assessments for the KGB and incorporated cities have been summarized in the Risk Report to provide additional information on risk, aid in hazard mitigation planning activities, and support efforts to reduce risk. Key hazard impacts, Risk Assessment results, and how this information can support local resilience efforts are highlighted below.



There are 177 structures in the Ketchikan Gateway Borough exposed to a 1-percent-annual-chance flood. A 1-Percent Coastal flood event is anticipated to cost the most to the Borough with nearly \$74 million in damages. Riverine flood events range in total damage from \$4.5 million (0.2-Percent Riverine flood event) to \$1.8 million (10-Percent Riverine flood event).

In total, there are 48 structures with flood insurance coverage through the NFIP.

The M7.6 Probabilistic 500-Year earthquake scenario is expected to cause a minimal 0.4-percent loss ratio and losses to building and content value at \$6.4 million. None of the 4,679 structures were identified to have a loss ratio greater than 10 percent.



There are 86 structures located in the Landslide Hazard Area in the City of Ketchikan (about 4% of all structures in the city, and about 2% of all structures in the Borough), with an exposed value of over \$88.7M.



63 structures in the Ketchikan Gateway Borough are exposed in the Tsunami Hazard Area with a total exposed value of approximately \$135M, representing 7.7% of the total building and contents value in the Borough.

In addition to the potential uses of this Risk Report and Risk Assessment Database, there are steps communities can take to make natural hazard mitigation an integrated part of local planning.

Plan Integration was discussed in both the Hazard Mitigation Plan (HMP) and the Comprehensive Plan. While connections to the HMP were strong in the Comprehensive Plan, additional connections to multi-hazard risk outlined in the HMP could be integrated into the updated Comprehensive Plan.



## THIS INFORMATION WILL HELP TO:

- Identify areas vulnerable to hazards to inform safer and more resilient development.
- Enhance planning efforts to identify areas where risk reduction actions may produce the greatest return on investment.
- Improve risk communication and outreach to the public by visualizing hazard risk.

## KEEPING THE KETCHIKAN GATEWAY BOROUGH AND INCORPORATED CITIES SAFE: Your Risk MAP Timeline

