



TO: Ways & Means, Transportation & Economic Development Subcommittee  
Sen. Betsy Johnson, co-chair  
Rep. David Gombert, co-chair  
Sen. Bill Hansell  
Sen. Rod Monroe  
Rep. Mike Nearman  
Rep. Tobias Read  
Rep. Gail Whitsett  
Rep. Brad Witt

FROM: Sean Robbins, Business Oregon director

RE: Seismic program

DATE: Wednesday, March 25, 2015

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You asked for more information about our seismic program. We've enclosed more information below. If you have any further questions, please don't hesitate to let me know.

**Q. What magnitude of seismic event are we addressing in the rehabilitation work?**

Project design and execution must meet building code requirements that are set for structures to meet a seismic event of magnitude 7.

**Q. What is the scale of funding needed to address seismic rehabilitation needs of schools and emergency service buildings in the state?**

Schools are rated regarding their vulnerability. DOGAMI has identified 293 schools (including colleges and universities) that have buildings at very high risk for collapse potential. There are another approximately 800 schools at high risk and 500 at moderate risk. Not all schools are worthy of repair, but instead, should be replaced. The estimated cost to retrofit the approximately 40%-60% schools that require and warrant retrofits, assuming \$1 million for each of 750 K-12 buildings, would be \$750 million. Experience with the program to date indicates this is probably a low estimate compared to the true cost seen in applications for funding.

The Department originally stated the total cost to seismically retrofit schools and emergency buildings in Oregon as about \$10 billion. The Office of Emergency Management is the source of this figure; however, the DOGAMI report, which is the most comprehensive source of data for seismic assessment and needs, does not identify the total cost to address seismic rehabilitation needs in Oregon. DOGAMI's report does identify the replacement value of Oregon schools and emergency service buildings (excluding hospitals) at \$11.5 billion.