

Statewide Seismic Needs Assessment

House Committee on Veteran's Services and Emergency Preparedness

May 14, 2015



Franklin High, Portland Public Schools, 2014 Seismic Rehabilitation Grant recipient

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www.OregonGeology.org



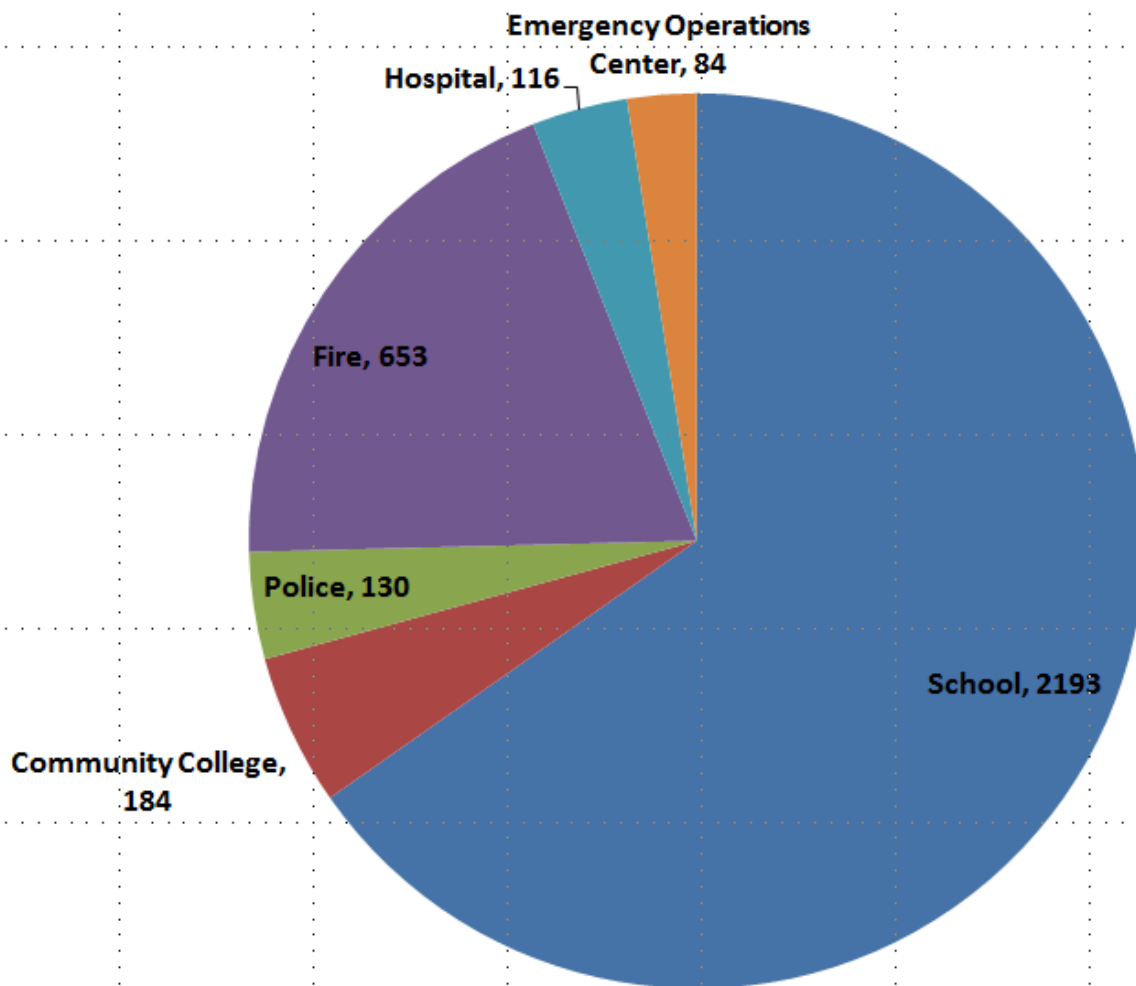
Legislative History

The Statewide Seismic Needs Assessment (SSNA) was part of a package of bills passed by the 2005 Legislature to address the issue of seismic risk to schools and critical facilities.

- **SB 2:** Directed and funded DOGAMI to conduct Seismic Needs Assessment of K-12 and Community College buildings, Hospitals, Fire Stations, Police Facilities and Emergency Operations Centers.
- **SB 3:** Established the Seismic Rehabilitation Grants Program in the Office of Emergency Management
- **SB 4:** Authorized Bonds for rehabilitation of Public Education Buildings
- **SB 5:** Authorized bonds for the rehabilitation of Emergency Services Buildings

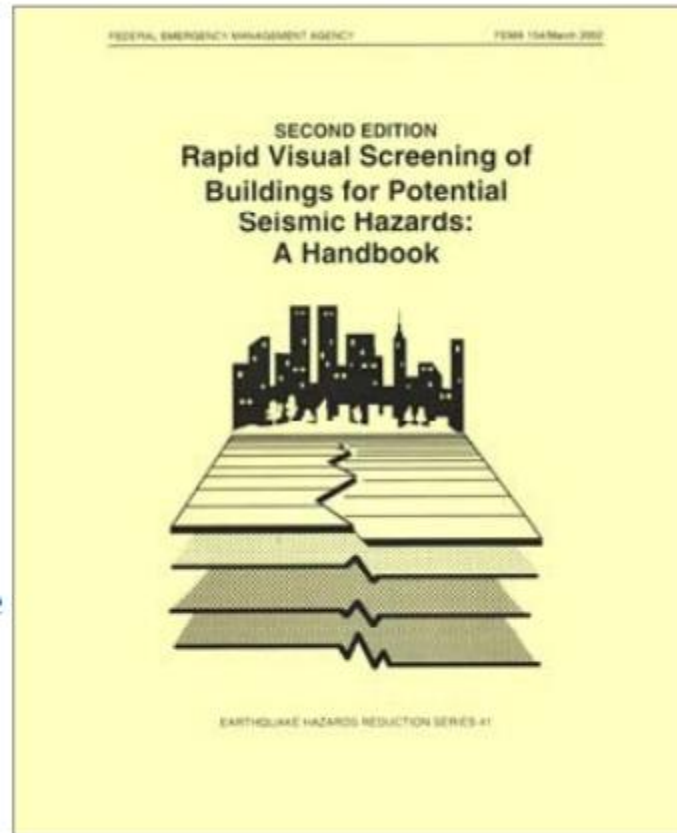


DOGAMI located more than 3,000 facilities that met SB 2 criteria

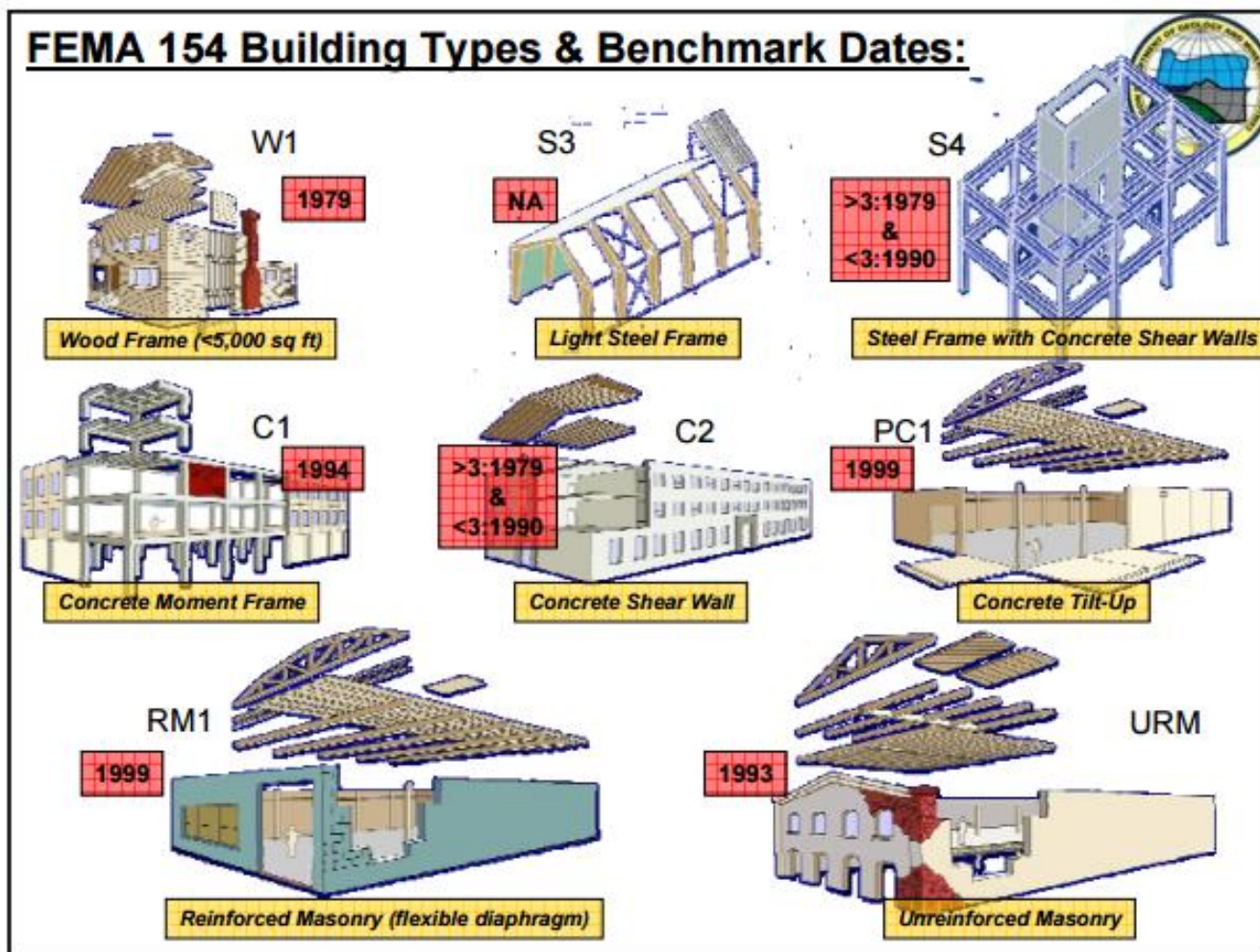


Building Evaluations

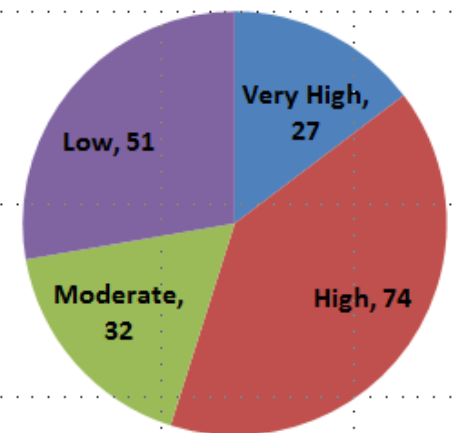
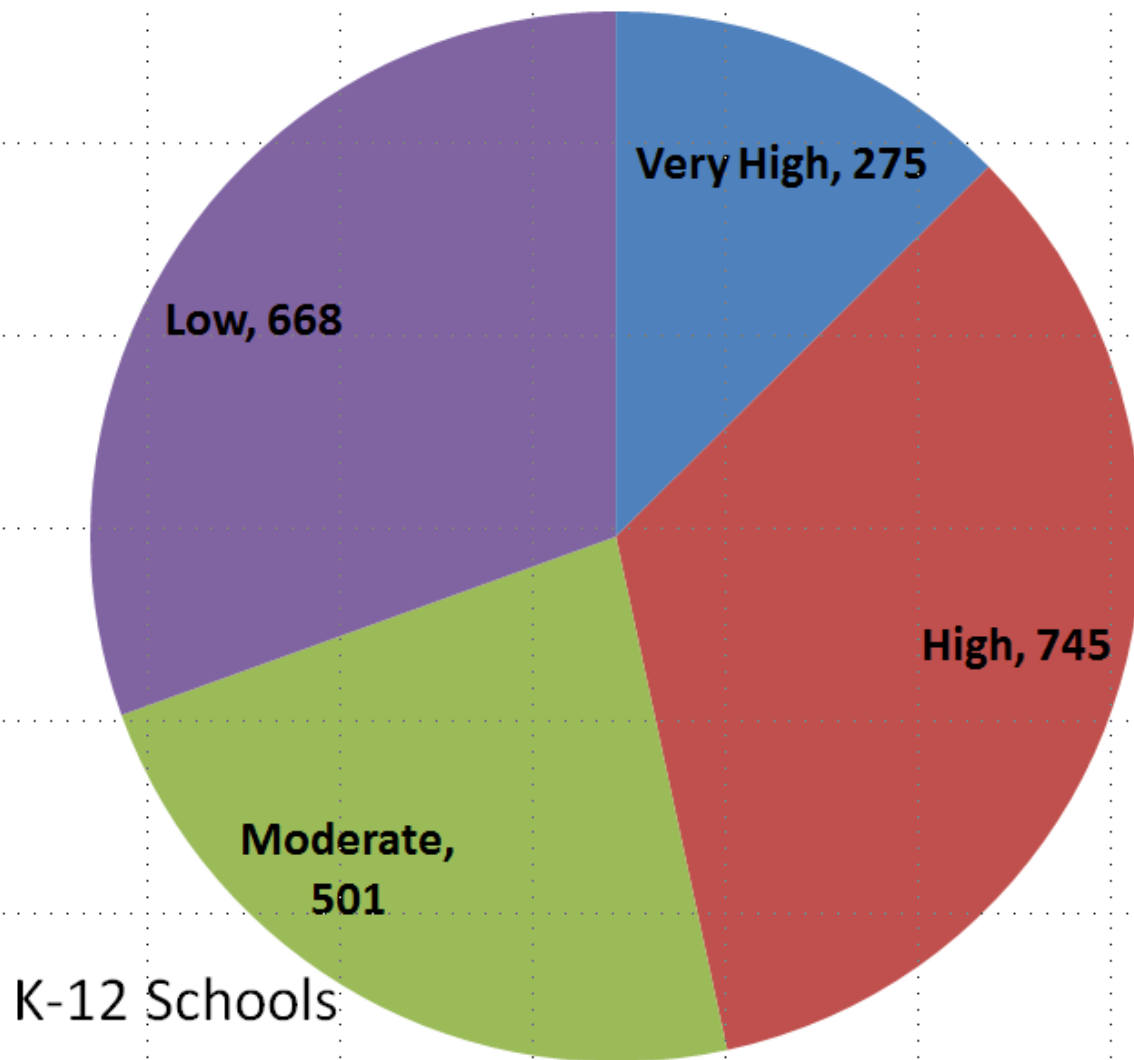
Buildings were visited and evaluated from the outside following a standard FEMA protocol



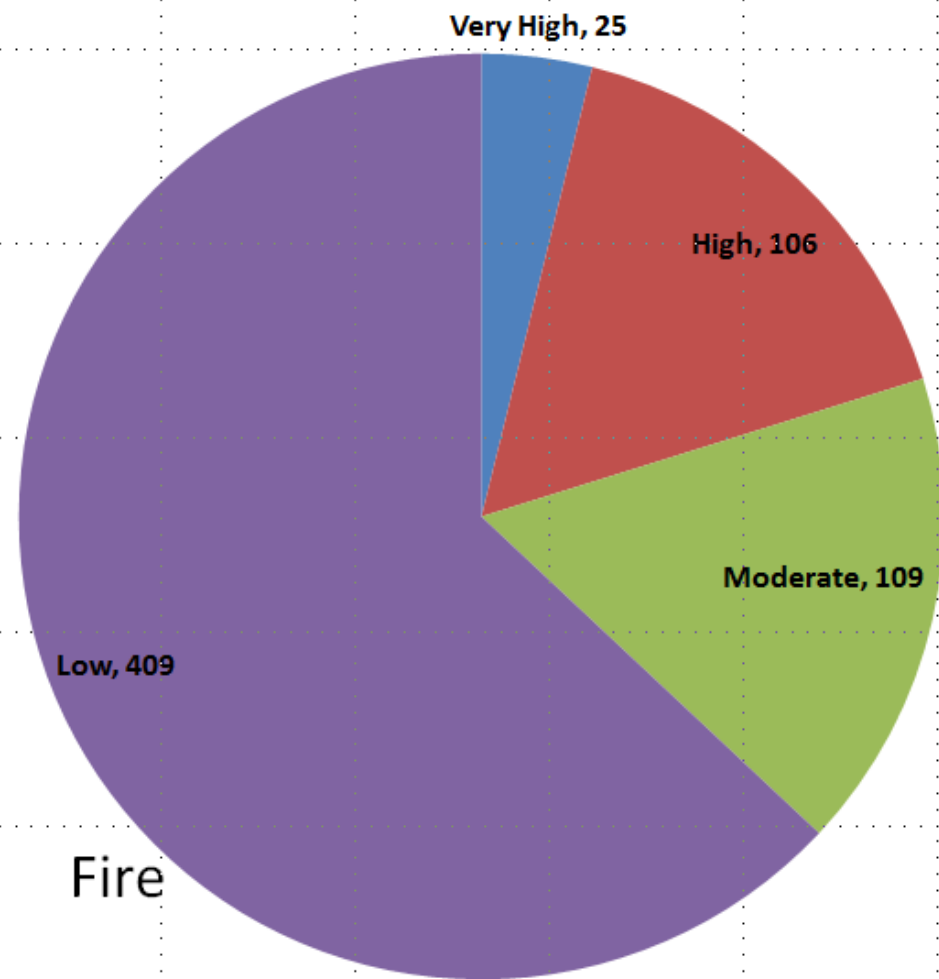
A conservative risk score was calculated based on building and site characteristics



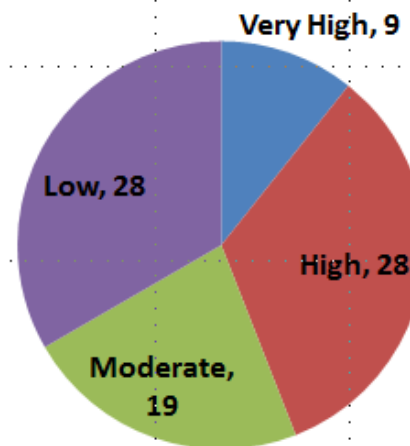
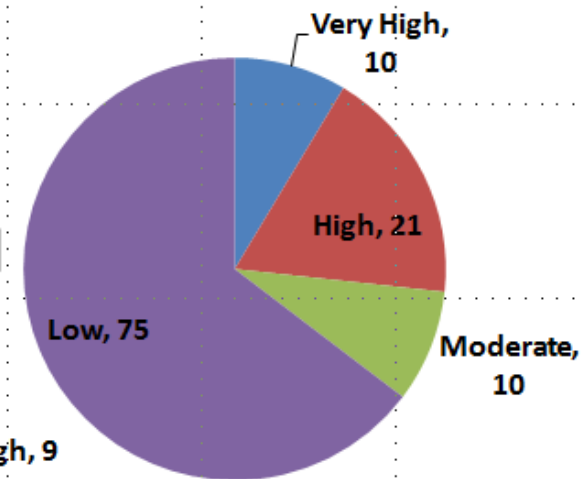
Collapse Potential Ratings for Educational Facilities



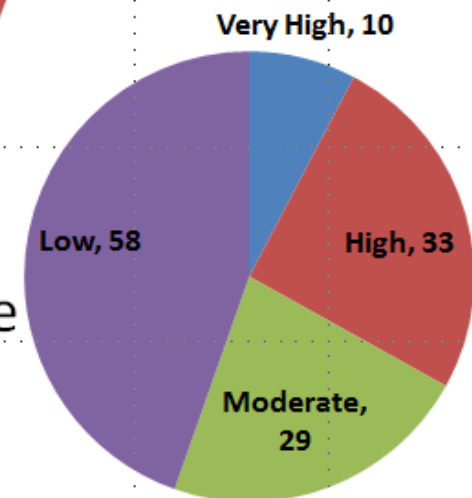
Collapse Potential Ratings for Critical Facilities



Hospital



Police



Results posted on DOGAMI website

Final Screening Results:



Search by County
for individual site reports

Baker SD 5J

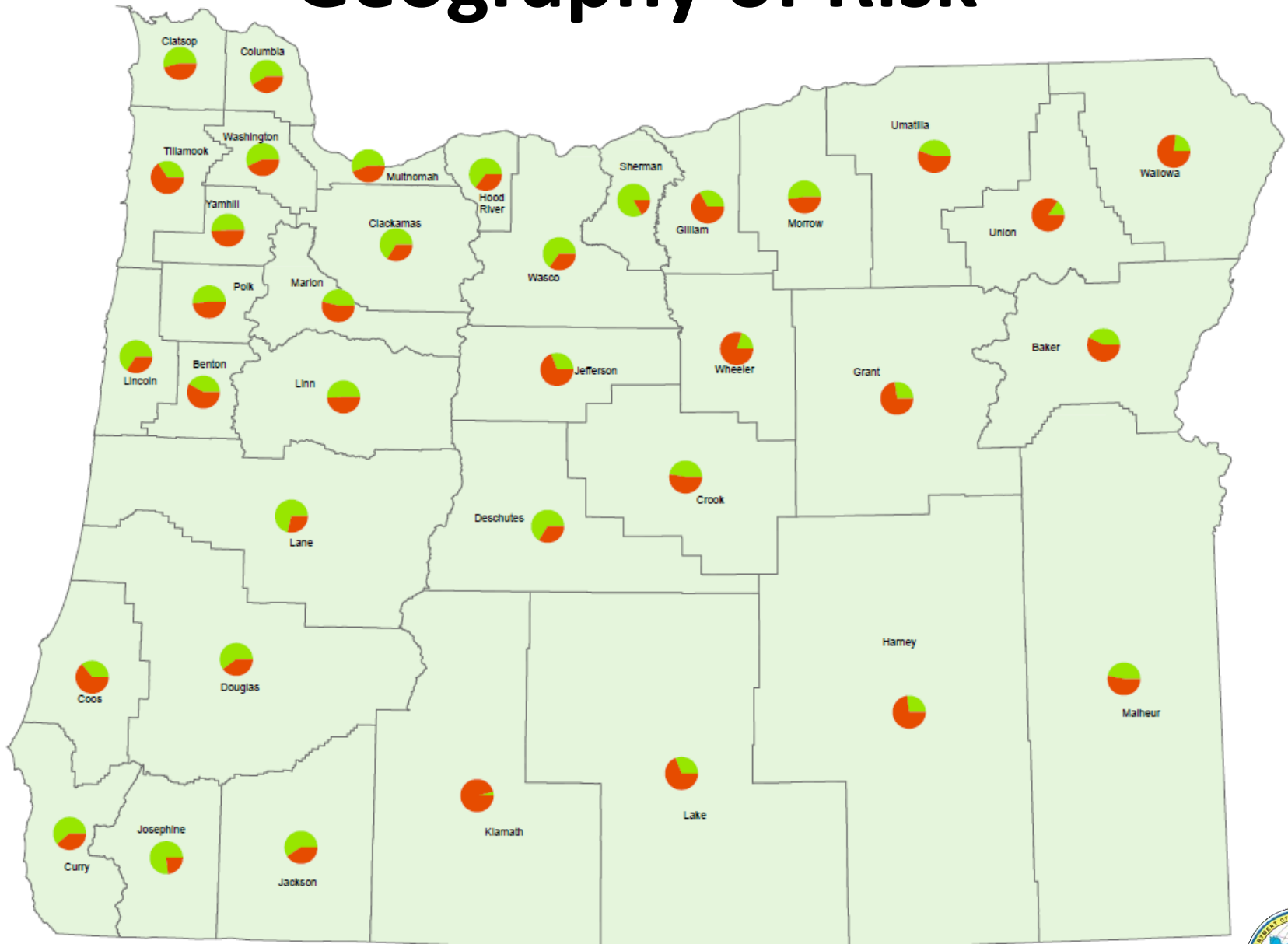
Building Type		County	
School		Baker	
Street			
2500 E St			
City		State	Zip
Baker City		OR	97814
Latitude		Longitude	
44.78697		117.83644	
Tracking Code		Inspection Date	
RVS in 2006		8/10/2006	

Seismicity Zone: Moderate										
FEMA 154 Rapid Visual Screening Score Card										
	Type	Basic Score	Vert Irreg	Plan Irreg	Pre-Code	Post-Bench	Soil C	Soil D	Soil E	RVS Score
Primary	W2	4.8	-3	-0.5	0	1.6	0	-1.2	0	1.7
Secondary		0	0	0	0	0	0	0	0	0
Tertiary		0	0	0	0	0	0	0	0	0

Baker High School	
Final RVS Score	
Final Type	Final Score
W2	1.7
FEMA-154 Collapse Potential	
Moderate (>1%)	



Geography of Risk



School buildings in Low / Moderate and High / Very High collapse potential categories by county.



School Retrofit Projects

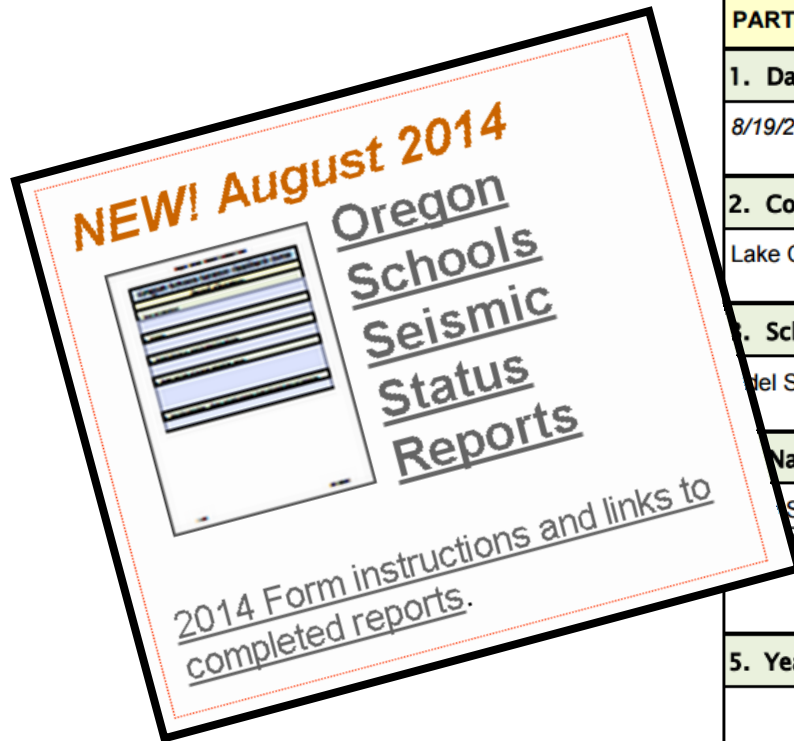
Funded by the Seismic Rehabilitation Grants Program

	Collapse Potential				
	Very High	High	Moderate	Low	unknown
SSNA School Buildings	275	745	501	668	4
SSNA Community College Buildings	27	74	32	51	
Higher Ed buildings					1
SRGP School Buildings	12	11	6	1	3
SRGP Community College Buildings		3			
SRGP University Buildings					1
Percent School Retrofit by SRGP	4.36%	1.48%	1.20%	0.15%	
Percent Community College retrofit by SRGP	0.00%	4.05%			



Annual Retrofit Reporting

SB 1566 passed by 2012 Legislature, requires School Districts to report annually on retrofit projects



Oregon Schools Seismic Feedback Form	
PART 1 - GENERAL INFORMATION	
1. Date of submittal	
	8/19/2013
2. County	
	Lake County
3. School district or special education district	
	Del School District District #21
Name and title of person submitting report	
	Sarsen ESD Business Manager
5. Year for reporting – Please submit a separate form for each school report	
	2012-13

