

## A. Coos County Community Hazard Survey Results

### Introduction

The Coos County Community Hazard Survey was conducted as a part of the 2021 Coos County Multi-Jurisdictional Natural Hazard Mitigation Plan (MJNHMP) update. The thirteen jurisdictions participating in the plan update distributed the survey starting May 12<sup>th</sup> and made it available electronically through June 2021, securing 390 responses from across the county.

The Coos County Community Hazard Survey asked the public's opinion about the natural hazards most likely to impact the area, personal concerns about those hazard impacts, desired government response to the threat of natural hazards, and personal preparedness. The results of the survey are useful in providing public input and local knowledge necessary to update both the risk assessment and the mitigation strategy components of the plan update.

### Methodology

The survey was comprised of twenty-nine questions of which twenty-one had yes-no-unsure responses including nine about the plan hazards in general. Two questions asked respondents to rank mitigation activities (1-10). Five of the nine general plan hazard questions had follow-on questions triggered by a yes or unsure response about hazard concern. Four multiple-choice follow-on questions asked about government response to earthquake, flood, tsunami, and wildfire—and these also had an open-ended “other” response. The final three questions were: an open-ended general comment, an opportunity for the commenter's name to appear with their comment, and an opportunity to provide an email address to receive additional information. The survey questions were developed in a collaboration between the DLCDC Project Manager and the 2021 Coos County MJNHMP Steering Committee, in particular Coos County Emergency Management. The final questions were entered into Survey Monkey electronic survey tool by DLCDC administrative staff and after review by the Coos County MJNHMP Steering Committee, the electronic survey link was distributed publicly via press releases and local websites. All survey responses were garnered using this electronic format during the period May 12 to June 30, 2021.

### Results

For documentation purposes, the twenty-nine questions asked are shown in these survey results. In addition, all public comments are shown in full text except those that used inappropriate language had those words removed. These comments and the overall findings were summarized into sections for use by local jurisdictions in their assessment of risk and development of mitigation actions.

#### Ranked Government Disaster Priorities

1. Ensure that lifeline infrastructures such as bridges, roads, water supply, communications, electricity, and fuel supply are built to endure most hazard events with minimal damage, interruptions, or secondary disasters.
2. Retrofit and improve critical facilities such as police, fire, emergency medical services, hospitals, schools, etc. to ensure they endure most hazard events with minimal damage.
3. Ensure that hospitals have uninterrupted power and water in all disaster scenarios.

## Ranked Infrastructure Protection/ Resilience Priorities

1. Communications
2. Domestic water supply
3. Fire/ Police/ EMS
4. Emergency Operations Center/ Government operations
5. Bridges
6. Hospital/Other inpatient facility

## Key Takeaways: Earthquake, Flood, Tsunami, and Wildfire

- Earthquake mitigation findings:
  - More than 75% of respondents support strengthening of critical facilities and utilities to withstand earthquake shaking.
  - Funding for home seismic retrofits was the most popular unsolicited need identified as ten respondents stated this unsolicited response in the comments.
- Flood mitigation findings:
  - 49% of respondents support improving flood response capabilities for public works.
  - 44% support limiting the types of land uses allowed in the floodplain.
  - 31% support a buyout program for homes subject to flooding
  - 25% of open-ended comments support flood improvements that secure infrastructure and critical facilities.
- Tsunami mitigation findings:
  - 86% of respondents support the improvement of streets, bridges, and trails that will serve as evacuation routes.
  - 65% support limiting the types of land uses allowed in the tsunami inundation areas (e.g., prohibit high density accommodations, schools, hospitals, etc.)
  - 35% of open-ended comments support the installation/ improvement of tsunami evacuation signage and infrastructure (and includes two mentions of tsunami evacuation towers).
- Wildfire mitigation findings:
  - Mitigating fire risk by greatly reducing Gorse infestations is the highest priority wildfire mitigation action in the county.
  - Beyond gorse, a high level of wildfire resilience was indicated which could be read as clear public support for closing the following gaps as mitigation actions:
    - 17% of respondents said their home address is NOT well-signed and clearly visible from the street (reflective numbers visible at night, without vegetation impeding visibility, etc.)
    - 27% said they did NOT have a wildfire evacuation plan in place.
    - 26% have retrofit their home to withstand natural hazards; 55% have created firebreaks around their homes; 45% have prepared an alternate water and/or power supply for use in a disaster.

## Public Comment Summaries

The following sections are summaries drawn directly from public comments designed to support use of the public sentiment in hazard mitigation planning.

### Personal Mitigation Actions Being Taken by Community Members

The survey found that Coos County residents/respondents had a high level of awareness of preparedness overall, but open-ended comments identified a need to support home retrofits for earthquake and wildfire mitigation. In fact, 72% of respondents have homes built before seismic standards were in place and 22% have considered seismic retrofits for their homes. One respondent had even installed a hydrant supplied by 5000 gal. tank, firehose and pump, indicating a high level of concern likely resulting from education and outreach efforts by mitigation partners but possibly a lack of infrastructure or government services in some parts of the county. Other Home/Business Renovations that mitigate hazards that respondents noted having done included:

- Adding a metal roof (wildfire)
- Gorse removal & creation of fire breaks (wildfire)
- Smoke detectors & fire extinguishers available and functioning (wildfire)
- Developing a tsunami evacuation plan (tsunami)
- Adding shear walls to some rooms in the house (earthquake).
- Adding seismic straps to the water heater (earthquake).
- Installing a French drain under the house to provide better drainage (flood).

### Suggested Mitigation Actions

The comment sections of the survey garnered a wide array of suggestions for mitigation actions. They are captured here for use in mitigation planning by the participating jurisdictions.

- Partner with OSU Extension to provide trainings on preparedness and hazard mitigation measures for homeowners.
- Strengthen critical facilities and utilities to withstand earthquake shaking.
- Consider incentives, grant funding, or tax breaks to encourage seismic retrofits by local homeowners, property managers, senior housing, and mobile home parks.
- Provide workshops for homeowners about seismic risks to residential structures and recommend retrofits for common structure types or how to select a qualified contractor.
- Protect highways and other lifelines in the event of a major disaster.
- Develop informational materials that explain the importance of hazard-specific insurance, the availability of flood insurance to cover tsunami losses, and the need to seismically retrofit buildings for them to be insurable for earthquake.
- Eradicate gorse from open space as well as private property, especially on properties in the Rosa Road vicinity of Bandon.
- Include information on fire prevention earthquake education.
- Prevent critical infrastructure, hazardous facilities, public buildings from being built in the tsunami inundation zones.
- Make sure tsunami areas are clearly identified so you know you are in a tsunami area
- Build or require tsunami vertical evacuation towers in areas with high population density and where it is impossible to evacuate on foot out of the tsunami inundation zone in a timely manner.

- Require new or renovated high-density housing and schools in tsunami inundation zone to have vertical evacuation towers.
- Install tsunami signs and evacuation routes for Front Street in Coos Bay.
- Look into tsunami reduction modifications in the bay.
- Install/improve tsunami evacuation signage and infrastructure: Develop evacuation plans and educate the community about evacuation routes and practices.
- Develop specific evacuation plans and training/exercises for mobile home parks.
- Ensure that community drinking water storage tanks have an auto shut off valve that can function in case of an earthquake, so this potable water is available for disaster recovery instead of draining out through broken water lines; Replace or retrofit concrete water cistern with a seismically sound option.
- Rebuild Myrtle Point High School.
- Retrofit Myrtle Crest Elementary School.
- Retrofit the Myrtle Point Community Center (old middle school).
- Consider re-establishing rail transportation links to serve the community and local industry if the highway is closed for an extended period of time.
- Form a Rural Fire Protection District for the Allegany area so renters can secure fire insurance; require the formation of fire districts where there are homes.
- Project future risks in planning given rising sea level and increased storms.
- Restore marsh lands and remove dikes that limit the flood plain.
- Make sure homes downstream from the dam know about their risk of flood in the event of a dam failure; allow first responders with heavy equipment access to Water Board land to shut things down quickly in the event of an earthquake or flood.
- Address flooding on county roads in Allegany and on East Bay Drive.
- Mitigate future flooding by using dikes, reservoirs, retention ponds. See how the Dutch deal with their water problems - hydraulic dikes, etc.
- Regulate or prohibit RVs in the floodplain. Regulation of hazard areas and enforcement of existing regulations.
- Subsidize flood insurance for those that can't afford it.
- Repair dated or failed flood gates to address flooding—specifically the Haynes Inlet.
- Address the island created by the loss of the Crown Point bridge in a disaster scenario.

### Populations with Additional Risk

- Veterans and low-income people will be unable to improve their homes and properties without financial assistance.
- Mobile homes and mobile home parks have structures at greater risk of hazard impact and likely fewer resources with which to prepare.
- People who are delinquent on property taxes probably do not carry home insurance.
- Backup power for medical equipment that requires electricity like nebulizers for COPD, etc.
- People who live rurally, are isolated, or don't reach out are likely unaware of their hazard risks.

## Suggested Preparedness Actions

The comment sections of the survey garnered a wide array of suggestions for preparedness actions.

- Focus tsunami education in low areas near water throughout the county.
- Educate about shelter in place, preparations to help neighbors, alternate means of communications and other self-reliance tools need to become standard in the disaster education curriculum.
- Preposition more supplies on high ground in all communities: stockpile water and basics at high ground locations; plan for toilet facilities at points where people will gather; Stage satellite phones and solar panels to charge them at these locations.
- Coordinate with school districts on communication to the public about disaster plans.
- Map where necessities can be replenished such as water, basic medical needs etc.
- Communicate with the community about the risk associated with bridges and other lifeline interruption in an earthquake (power, water, communications, etc.), response plans, and how to prepare.
- Educate the community about the Emergency Operations Plan.
- Make sure tsunami areas are clearly identified so you know you are in a tsunami area.
- Have a call feature practice drill to survey and coach—real practice drills, not just maps and brochures.
- Create an informational calendar with preparedness activities.
- Secure emergency desalination equipment.

## Completed Mitigation Actions

- Recent Public Works shop renovation in Coquille included seismic upgrades.
- Communication structure and policies between county, cities and emergency services such as mutual aid agreements.

## Survey Questions

### Hazard Concerns

- Earthquake, Drought, and Wildfire, followed by Tsunami, Wind Storm, and Winter Storm are the hazards of greatest community concern for impacts to home, family, or livelihood.

### Results in Ranked Order

Hazard	<i>Concern of hazard affecting home, family, or livelihood?</i>			Total Rank
	Yes	No	Unsure	
Earthquake	292	69	29	1
Drought	219	140	31	2
Wildfire	210	121	23	3
Tsunami	192	130	33	4
Wind Storm	169	198	34	5
Winter Storm	142	137	22	6
Coastal Erosion	117	215	58	7
Landslide	101	232	22	8
Flood	98	254	24	9

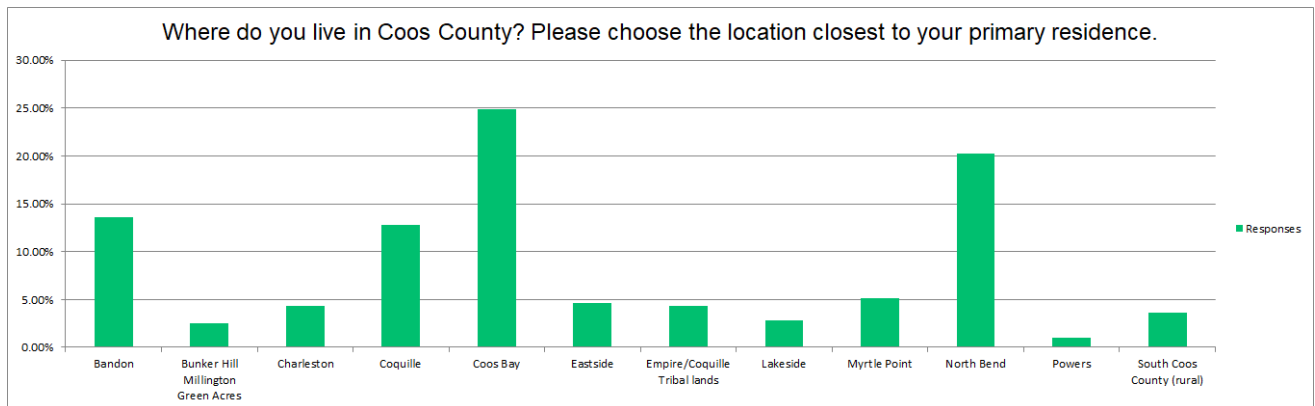
### Results in Order Presented

Hazard	<i>Concern of hazard affecting home, family, or livelihood?</i>			Total Responses
	Yes	No	Unsure	
Coastal Erosion	30.00%	55.13%	14.87%	390
Drought	56.15%	35.90%	7.95%	390
Earthquake	74.87%	17.69%	7.44%	390
Flood	26.06%	67.55%	6.83%	376
Landslide	28.45%	65.35%	6.20%	355
Tsunami	54.08%	36.62%	9.30%	355
Wildfire	59.32%	34.18%	6.59%	354
Wind Storm	56.15%	32.56%	11.30%	301
Winter Storm	47.18%	45.51%	7.31%	301

## Respondent Characteristics

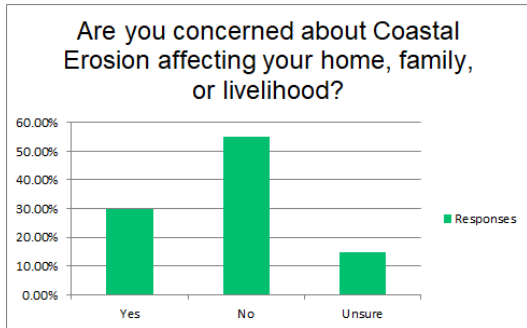
Nearly half (45%) of survey respondents live in the Coos Bay-North Bend urban area (176). Bandon and Coquille responses comprised 26% (103) of the total whereas nearly 9% (35) respondents were from Lakeside, Myrtle Point, and Powers. The unincorporated communities of Charleston, Eastside, Bunker Hill/ Millington/ Green Acres, or Empire/Coquille Tribal lands provided the balance of the survey responses—nearly 16% (62).

**Question 1: Where do you live in Coos County? Please choose the location closest to your primary residence.**



Question 1: Location		
Answer Choices	Responses	
<b>Bandon</b>	13.59%	53
<b>Bunker Hill/Millington/Green Acres</b>	2.56%	10
<b>Charleston</b>	4.36%	17
<b>Coquille</b>	12.82%	50
<b>Coos Bay</b>	24.87%	97
<b>Eastside</b>	4.62%	18
<b>Empire/Coquille Tribal lands</b>	4.36%	17
<b>Lakeside</b>	2.82%	11
<b>Myrtle Point</b>	5.13%	20
<b>North Bend</b>	20.26%	79
<b>Powers</b>	1.03%	4
<b>South Coos County (rural)</b>	3.59%	14
	Answered	390
	Skipped	0

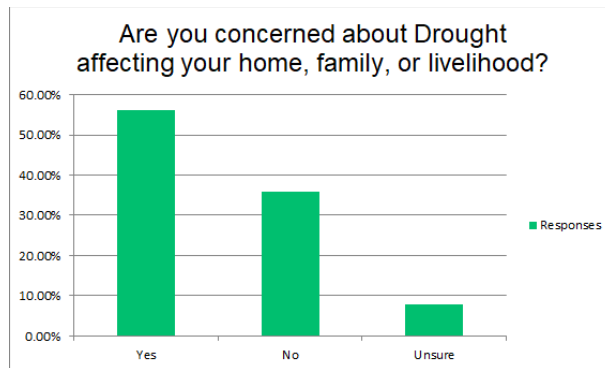
**Question 2: Are you concerned about Coastal Erosion affecting your home, family, or livelihood?**



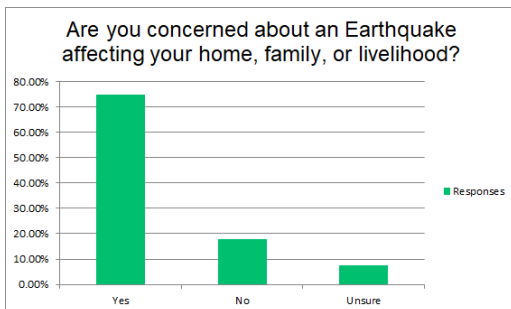
Question 2: Coastal Erosion Concerns		
Answer Choices	Responses	
Yes	30.00%	117
No	55.13%	215
Unsure	14.87%	58
	Answered	390
	Skipped	0

**Question 3: Are you concerned about Drought affecting your home, family, or livelihood?**

Question 3: Drought Concerns		
Answer Choices	Responses	
Yes	56.15%	219
No	35.90%	140
Unsure	7.95%	31
	Answered	390
	Skipped	0



**Question 4: Are you concerned about an Earthquake affecting your home, family, or livelihood?**

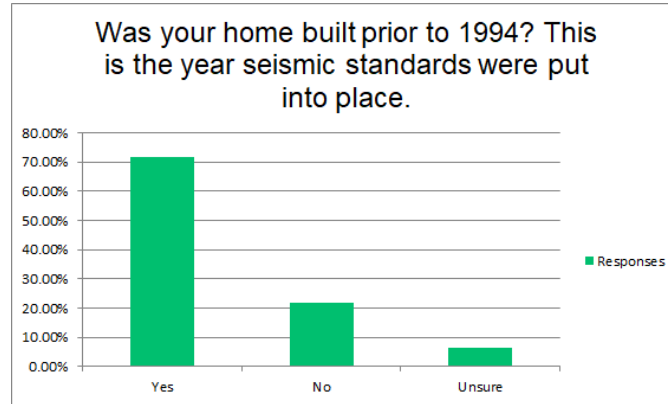


Question 4: Earthquake Concerns		
Answer Choices	Responses	
Yes	74.87%	292
No	17.69%	69
Unsure	7.44%	29
	Answered	390
	Skipped	0



## Earthquake: Follow-on Questions

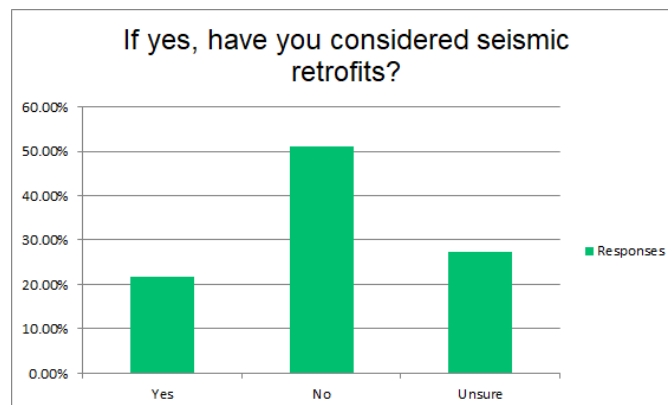
**Question 5: Was your home built prior to 1994? This is the year seismic standards were put into place.**



**Question 5: Earthquake Year Built Pre-1994**

<i>Answer Choices</i>	<i>Responses</i>	
<b>Yes</b>	71.70%	228
<b>No</b>	22.01%	70
<b>Unsure</b>	6.29%	20
	Answered	318
	Skipped	72

**Question 6: Have you considered seismic retrofits?**

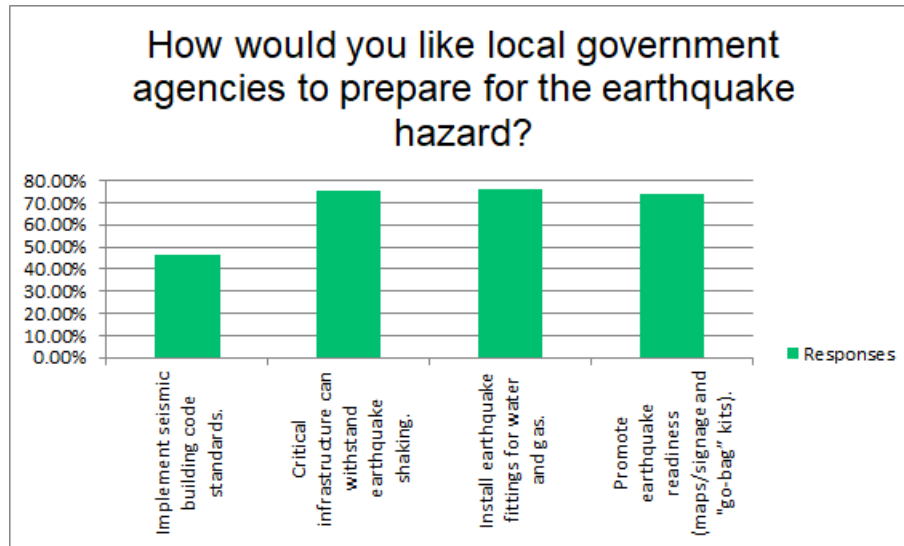


**Question 6: Earthquake Retrofits**

<i>Answer Choices</i>	<i>Responses</i>	
<b>Yes</b>	21.76%	52
<b>No</b>	51.05%	122
<b>Unsure</b>	27.20%	65
	Answered	239
	Skipped	151

## Earthquake: Follow-on Questions

**Question 7: How would you like local government agencies to prepare for the earthquake hazard?**



Question 7: Government Preparations for Earthquake	
Answer Choices	Responses
Implement seismic building code standards.	46.60% 137
Strengthen and/or rebuild critical infrastructure to withstand earthquake shaking.	75.17% 221
Install earthquake fittings for water and gas (sensors, flexible connectors, shut off valves).	76.19% 224
Promote readiness through education, evacuation maps, signage and street markers, and guidance for how to make "go-bag" kits.	74.15% 218
Other	- 45
	Answered 294
	Skipped 96

**Other/ Comments: 44 comments were received reflecting the following priorities.**

- Funding for home retrofits: 10
- Secure infrastructure and retrofit critical facilities: 7
- Education: 6
- Preparedness: 7
- Regulate development in hazard zones: 4
- Community resilience: 4
- All of the above: 2
- Mitigate fire after earthquake (fuel/gas storage/lines/tanks): 2
- Train first responders: 1
- Evacuation routes, signage, infrastructure needed: 1

## Earthquake Open-Ended Responses

Earthquake Open-Ended Response Comments			
How would you like local government agencies to prepare for the earthquake hazard?			
#	Commenter	Comment	Response
1	Avery Horton, Bandon	Let citizens know not to expect help from the government and they will be on their own for a long time and to have months' worth of supplies. For those who live near the water, make sure they understand they will most likely lose everything.	Thank you for sharing your perspective— personal preparedness is very important. See this link for more information: <a href="http://www.ready.gov/kit">www.ready.gov/kit</a>
2	Anonymous, Bandon	All of the above and help veterans and low income with their homes.	Thank you for sharing your perspective.
3	Anonymous, Bandon	Make Earthquake retrofit, for homes before 1994, affordable by grants or some kind of financial assistance! Keep us safe!	Thank you. This suggestion is being considered as a mitigation action.
4	Anonymous, Bandon	Funding for retro fitting	Thank you. This suggestion is being considered as a mitigation action.
5	Anonymous, Bandon	Help older home owners in older dwellings to access resources for retrofitting earthquake hazards	Thank you. This suggestion is being considered as a mitigation action.
6	Anonymous, Bandon	Earthquakes often trigger fires due to downed power lines, ruptured gas lines, etc. part of earthquake education should focus on fire prevention.	Thank you. Please see the Coos County Emergency Management webpage for a PDF with considerations:  <a href="https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/13791/home_fire_preparedness_and_considerations.pdf">https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/13791/home_fire_preparedness_and_considerations.pdf</a>
7	Anonymous, Bandon	Advice on upgrading my residence to better withstand an earthquake.	Thank you. Here are two seismic retrofit guides: Earthquake Preparedness in the Northwest: a Homeowner Guide <a href="https://enhabit.org/documents/Enhabit-Seismic-Homeowner-Guide_4-1-16.pdf">https://enhabit.org/documents/Enhabit-Seismic-Homeowner-Guide_4-1-16.pdf</a> Earthquake Retrofitting: House Bolting, Foundation Bolting & Cripple Wall Bracing <a href="https://www.earthquakesafety.com/earthquake-retrofitting.html">https://www.earthquakesafety.com/earthquake-retrofitting.html</a>
8	Anonymous, Bandon	Find money to help homeowners do seismic retro fitting	Thank you. This suggestion is being considered as a mitigation action.
9	Anonymous, Bunker Hill/ Millington/ Green Acres	First responders train more for event.	Thank you. The preparedness and response training of first responders does include all potential emergencies.

Earthquake Open-Ended Response Comments			
How would you like local government agencies to prepare for the earthquake hazard?			
#	Commenter	Comment	Response
10	Kathleen Hornstuen, Charleston	go-bag booklet on what to do in case of a disaster event of any kind. Including pandemic and computer hacking of critical services.	Thank you. This suggestion is an ongoing preparedness action—Coos County Emergency Management distributes a booklet entitled “Are you Ready? Preparing for Disasters and Terrorism in Coos County.”: <a href="https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf">https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf</a>
11	Jan Hodder, Charleston	Prevent critical infrastructure, hazardous facilities, public buildings being built in the tsunami inundation zones.	Thank you. This suggestion is being considered as a mitigation action.
12	Anonymous, Charleston	Promote building away from dangerous zones	Thank you. This suggestion is being considered as a mitigation action.
13	Kathleen Hornstuen, Charleston	Include tsunami education in low areas near water throughout the county	Thank you. This suggestion is being considered as a preparedness action.
14	Anonymous, Charleston	One of the biggest problems is that people in general think that they can just leave the area. Education about shelter in place, prepare to help neighbors, alternate means of communications and other self-reliance tools need to become standard in the disaster education curriculum.	Thank you for sharing your perspective—personal preparedness is very important. See this link for more information: <a href="http://www.ready.gov/kit">www.ready.gov/kit</a>
15	James M Behrends, Coos Bay	more prepositioned supplies in all communities	Thank you. This suggestion is underway as a mitigation action.
16	Barb Shamet, Allegany, Or	Make all homes decentralized energy, each one producing its own power, rooftop wind tulips and solar cells	Thank you. This is an individual preparedness action dependent upon municipal ordinance.
17	Anonymous, Coos Bay	Making parents of students in Schools in Eastside comfortable in case of natural disasters.	Thank you. Your concern will be shared with Coos Bay School District.
18	Anonymous, Coos Bay	Set moratorium on siting hazardous facilities in tsunami zones or close to urban areas.	Thank you. This suggestion is being considered as a mitigation action.
19	Anonymous, Coos Bay	Obtain seismic upgrade grants for existing infrastructure and trickle that down to homeowners. Most cannot afford upgrades of their current living conditions.	Thank you. This suggestion is being considered as a mitigation action.

Earthquake Open-Ended Response Comments			
How would you like local government agencies to prepare for the earthquake hazard?			
#	Commenter	Comment	Response
20	Anonymous, Coos Bay	Map where necessities can be replenished such as water, basic medical needs etc.	Thank you. This suggestion is being considered as a mitigation action.  More information is available on DOGAMI evacuation maps (subject to change) or <a href="http://nvs.nanoos.org/TsunamiEvac">http://nvs.nanoos.org/TsunamiEvac</a>
21	Anonymous, Coos Bay	Education specifically for how homeowners can upgrade their older homes in an economical way.	Thank you. This suggestion is being considered as a mitigation action.
22	Anonymous, Coos Bay	Subsidize retrofits for homeowners, they are too expensive for my family to obtain	Thank you. This suggestion is being considered as a mitigation action.
23	Anonymous, Coos Bay	A Plan on how getting supplies to our community quickly when bridges and roads are out. Especially water, fuel, and food within 48 hours	Thank you for sharing your perspective—personal preparedness is very important because it may take more like 2 weeks or more to be able to reach everyone. See this link for more information: <a href="http://www.ready.gov/kit">www.ready.gov/kit</a> This is an ongoing concern with planning and considerations.
24	Anonymous, Coos Bay	Secure one armored route to I-5	Thank you for your input.
25	Harper Thompson, Coos Bay	All the above	Thank you for your input.
26	James Fox, Coquille	I only know one way from the highway to my home and I don't know how to escape if fire or earthquake prevents using that route. How can I get attention to this problem for me and my many neighbors in the Shelley Lane area?	Thank you. Please visit this link or the Coos County Emergency Management website to sign up for the Coos County Emergency Mass Notification System (Everbridge): <a href="https://member.everbridge.net/892807736724057/login">https://member.everbridge.net/892807736724057/login</a> to receive text alerts about evacuation. Coos Emergency Management will also send out press releases, Facebook notices, and specific evacuations (wildfire), will include door-to-door evacuation notices. However, evacuation routes are important research for residents to conduct on their own.

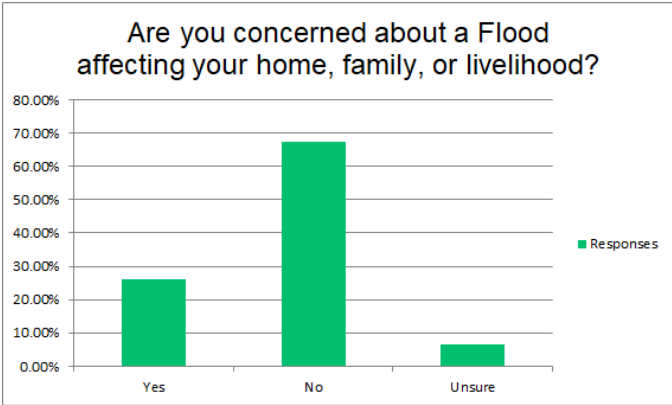
Earthquake Open-Ended Response Comments			
How would you like local government agencies to prepare for the earthquake hazard?			
#	Commenter	Comment	Response
27	Anonymous, Coquille	1. Provide workshops for homeowners that (1) illustrate examples of seismic risks to be aware of and maybe (2) examples of how to fix or the (3) type of contractor to trust to fix correctly or (4) how to evaluate if the cost of fixing is logical based on the value of the home. MAYBE the county should partner with OSU-extension to provide such service. 2. In the event of a quake many city water lines will break and quickly drain water in storage. The big tanks that hold community drinking water should have an auto shut off so there is a safe option to collect potable water at least for a few days. 3. Readiness education as described above.	Thank you. This suggestion is being considered as a mitigation action. For more information Earthquake Preparedness in the Northwest: A Homeowner Guide <a href="https://enhabit.org/documents/Enhabit-Seismic-Homeowner-Guide_4-1-16.pdf">https://enhabit.org/documents/Enhabit-Seismic-Homeowner-Guide_4-1-16.pdf</a>
28	Anonymous, Coquille	A new fire hall in Coquille financed via Urban Renewal funds	Thank you for your input. Planning is underway for future expansion.
29	Anonymous, Coquille	Recent shop that was built is retrofitted and there are already building code standards in place so there does not need to be more. They exist for all new building in Coos County already.	Thank you, this will be documented as a completed mitigation action. And you are correct, these standards do exist.
30	Anonymous, Eastside	Why bother... you let people burn trash. I can't open my windows 8 month out of the year. because of coos bay allowing TRASH BURNING!	These issues are beyond the scope of this plan and is a concern for the EPA. <a href="https://echo.epa.gov/report-environmental-violations">https://echo.epa.gov/report-environmental-violations</a>
31	Anonymous, Eastside	Do not approve any more Jordan Cove LNG permits! That's a danger to our safety especially if an earthquake was to happen!	Thank you for your input.
32	Anonymous, Empire/Coquille Tribal lands	Don't forget about those of us living in mobile homes and the specific dangers we face.	Thank you for sharing your perspective.
33	Anonymous, Empire/Coquille Tribal lands	County Board of Supervisors to take this a heck of a lot more seriously than they did COVID, and not cripple the people trying to help.	Thank you for your input.

Earthquake Open-Ended Response Comments			
How would you like local government agencies to prepare for the earthquake hazard?			
#	Commenter	Comment	Response
34	Anonymous, Empire/Coquille Tribal lands	Earthquakes may not damage much but can cause fires and explosions from existing fuel/gas storage/lines/tanks. Old coal mines can also catch fire like the one on the hillside by the old school building on Sherman in North Bend.	Thank you. This suggestion is being considered as a mitigation action. There are pre-planned emergency support functions or capabilities for each of these concerns.
35	Anonymous, Lakeside	all of the above	Thank you for your input.
36	Anonymous, Myrtle Point	We can't afford seismic retrofitting on our home. Please help with a grant program for older homes.	Thank you. This suggestion is being considered as a mitigation action.
37	Anonymous, Myrtle Point	Rebuild the high school, which has partially collapsed. Retrofit the elementary school. Retrofit the community center (old middle school). Consider re-establishing rail transportation links to serve the community and local industry in the event that the highway is closed for an extended period of time. Retrofit the water treatment facility. Replace the concrete water cistern with a seismically sound option. Inspect the bridges leading into town.	Thank you. These suggestions are being considered as mitigation actions. Infrastructure planning is ongoing and a concern of the current operations.
38	Anonymous, North Bend	Repair old tidegates.	Thank you. This suggestion is being considered as a mitigation action. Infrastructure planning is ongoing and a concern of the current operations.
39	Anonymous, North Bend	Stockpile water and basics at high ground locations. Plan for toilet facilities at points where people will gather. Satellite phones and solar panels to charge them are a must.	Thank you. This suggestion is being considered as a preparedness action.
40	Anonymous, North Bend	Certify local contractors to do needed strengthen and rebuild work.	Thank you. This suggestion is being considered as a mitigation action in coordination with state agencies.
41	Anonymous, North Bend	Very concerned about our bridge.	Thank you. Coordination with Oregon Department of Transportation is underway to address the seismic resilience of Coos County bridges.
42	Anonymous, North Bend	Education of citizens	Thank you for sharing your perspective— personal preparedness is very important because it may take more like 2 weeks or more to be able to reach each individual. See this link for more information: <a href="http://www.ready.gov/kit">www.ready.gov/kit</a>

Earthquake Open-Ended Response Comments			
How would you like local government agencies to prepare for the earthquake hazard?			
#	Commenter	Comment	Response
43	Anna Banana, North Bend	I'm no expert so I'd like them to confer with experts and do whatever is the right thing.	Thank you.
44	Anonymous, North Bend	When the bridge goes, what's the game plan for all of us that are north of it.	Thank you for highlighting the continued need for long-term preparedness. Additional mitigation actions are being considered such as coordination with Fire Districts, emergency communication systems in place, and supply caches in geographically displaced communities. See this link for more information for personal preparedness: <a href="http://www.ready.gov/kit">www.ready.gov/kit</a>
45	Julie, South Coos County (rural)	For those struggling need to secure home insurance and delinquency issues if delinquent on property tax they probably have no home insurance protection against any hazardous situations only thinking about the current problem.	Thank you for sharing your perspective.



**Question 8: Are you concerned about a Flood affecting your home, family, or livelihood?**

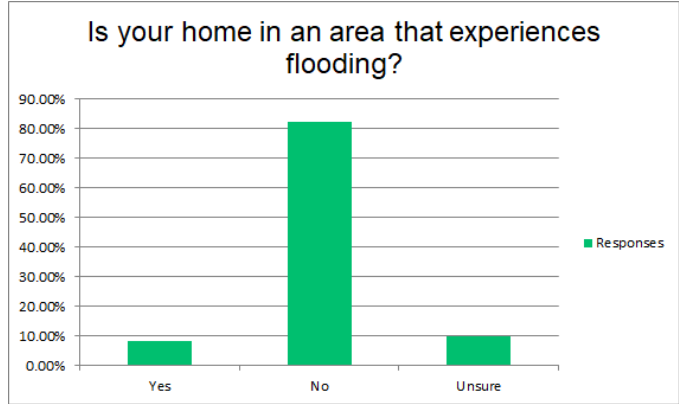


Question 8: Flood Concerns		
Answer Choices	Responses	
<b>Yes</b>	26.06%	98
<b>No</b>	67.55%	254
<b>Unsure</b>	6.83%	24
	Answered	376
	Skipped	14

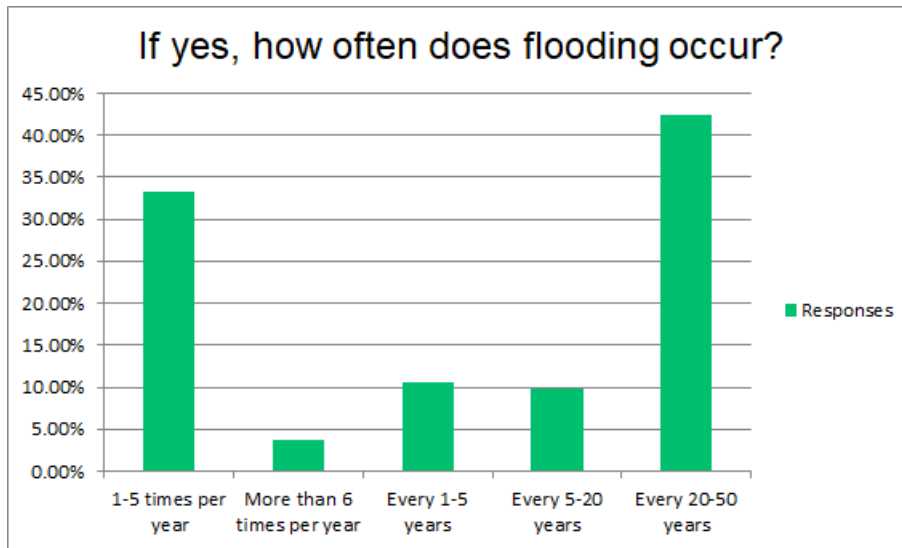
**Flood: Follow-on Questions**

**Question 9: Is your home in an area that experiences flooding?**

Question 9: Flooding Near Home		
Answer Choices	Responses	
Yes	8.27%	31
No	82.13%	308
Unsure	9.60%	36
	Answered	375
	Skipped	15



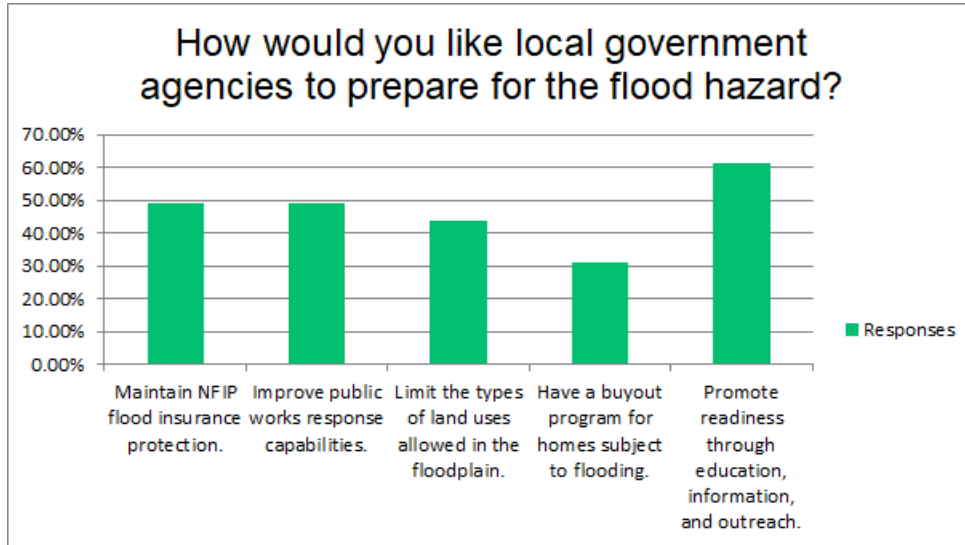
**Question 10: How often does flooding occur?**



Question 10: Flood Frequency		
Answer Choices	Responses	
1-5 times per year	33.33%	44
More than 6 times per year	3.79%	5
Every 1-5 years	10.61%	14
Every 5-20 years	9.85%	13
Every 20-50 years	42.42%	56
	Answered	132
	Skipped	258

**Flood: Follow-on Questions**

**Question 11: How would you like local government agencies to prepare for the flood hazard?**



Question 11: Government Preparations for Flood		
Answer Choices	Responses	
Follow FEMA National Flood Insurance Program requirements to ensure the community maintains flood insurance protection.	49.30%	175
Improve public works response capabilities.	49.01%	174
Limit the types of land uses allowed in the floodplain.	43.66%	155
Have a buyout program for homes subject to flooding.	31.27%	111
Promote readiness through education, information, and outreach.	61.13%	217
Other		32
	Answered	355
	Skipped	35

**Other/ Comments: 30 comments were received reflecting the following priorities:**

- Secure infrastructure and retrofit critical facilities: 7
- Protect natural infrastructure: 5
- Plan for evacuation: 4
- Regulate development in hazard zones: 3
- Prefer no government preparations: 2
- Address climate change: 1
- All of the above: 1
- Community resilience: 1
- Funding for homeowners (flood insurance): 1
- Preparedness: 1
- Protect private property rights: 1
- Train first responders: 1
- Other: 2

## Flood Open-Ended Responses

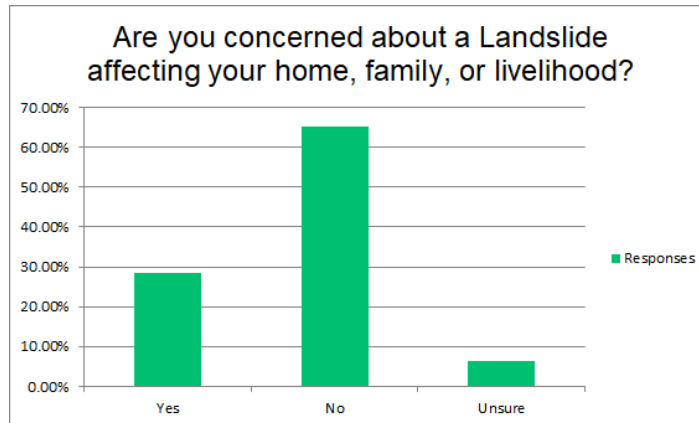
Flood Open-Ended Response Comments			
How would you like local government agencies to prepare for the flood hazard?			
#	Commenter	Comment	Response
1	Anonymous, Bandon	Also Stop hotels and all other businesses from building in them.	Thank you for your input.
2	Anonymous, Bandon	During a Tsunami, our house may be flooded, but it is not flooded by river or seasonal rain.	Thank you for sharing your perspective.
3	Anonymous, Bandon	Climate change, king tides, coastal erosion and rising ocean levels - how are these factors predicted to impact homes along smaller waterways like local creeks and lakes with tidal influence? I can find information for people living right on the beach but what about those of us a little further inland, should we be concerned?	The information you are interested in will likely be in the full final NHMP update. But you may be interested in these websites: the National Oceanic and Atmospheric Administration (NOAA). Sea Level Rise Viewer: <a href="https://www.coastalatlant.net/sealevelrise/">https://www.coastalatlant.net/sealevelrise/</a> or the DLCDC Oregon Coastal Management Program at <a href="https://www.oregon.gov/lcd/OCMP/Pages/index.aspx">https://www.oregon.gov/lcd/OCMP/Pages/index.aspx</a>
4	Kathleen Hornstuen, Charleston	include information in a go-kit booklet on what to do for mitigation before and after a flood event to lessen impact.	Thank you. Please see <a href="http://www.ready.gov/kit">www.ready.gov/kit</a> for preparedness ideas.  See the Coos County Emergency Management booklet entitled "Are you Ready? Preparing for Disasters and Terrorism in Coos County" available at: <a href="https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf">https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf</a>
5	Anonymous, Coos Bay	project future risks in planning given rising sea level and also increased storms	Thank you. This suggestion is being considered as a mitigation action.
6	Anonymous, Coos Bay	evaluate possible water evacuation systems and flow patterns in cases of flooding.	Thank you. This suggestion is being considered as a preparedness action.
7	James M Behrends, Coos Bay	restore marsh lands, remove dikes that limit the flood plain	Thank you. This suggestion is being considered as a mitigation action.
8	Barb Shamet, Allegany, Or	If the timber industry keeps clear cutting, devastating washouts from climate catastrophe will be irreparable, they need to thin only trees under age 65 years, the older trees are storing water and carbon, and they must be left intact to prevent disaster	Thank you for sharing your perspective. A climate report will inform this plan update.

Flood Open-Ended Response Comments			
How would you like local government agencies to prepare for the flood hazard?			
#	Commenter	Comment	Response
9	Anonymous, Coos Bay	Allow fire departments/first responders with heavy response equipment access to waterboard land to shut things down QUICKLY in the event of an earthquake/flood. Make sure homes downstream from the dam know the danger they are in so they can do what ever can be done to homes to prepare for instant catastrophic flood. Stop letting people build in that flood zone in the first place - the flood path is right through neighborhoods with families and the dam isn't getting any younger, but every day we're one day closer to the "big one" that at 9.8 could easily knock it down!	<p>The waterboard has contingency plans in place and works with emergency responders for access to their lands.</p> <p>Floodplain regulations are in place and enforced by local planning departments in order to maintain compliance with the National Flood Insurance Program.</p> <p>The community is welcomed to and encouraged to have higher standards than minimum standards set for building.</p>
10	Anonymous, Coos Bay	Protect major highways to escape hazards	Thank you. This suggestion is being considered as a mitigation action
11	Anonymous, Coos Bay	Stop breaking down the _ bay! Starbucks is going to be fun under water _!	Thank you for sharing your perspective.
12	Anonymous, Coquille	Maybe the government has a responsibility to identify areas subject to flooding and notify each property owner, but please minimize taking away the rights of the property owner to use the property as the owner sees fit. Instead let the insurance company charge the appropriate fees based on the flood risk.	Floodplain regulations are enforced by local planning departments in order to maintain compliance with the National Flood Insurance Program. The county has not modified or set new codes.
13	Anonymous, Eastside	No concern	
14	Anonymous, Eastside	The fire and police departments need NEW management and training. There responses to emergencies for me has been terrible!	Thank you for sharing your perspective.
15	Anonymous, Eastside	Work with restoration groups to see how we can utilize pur estuary and riverways to help elevate flooding	Thank you. This suggestion is being considered as a mitigation action
16	Anonymous, Eastside	Ensure county highways/roads are secure from lowland flooding, especially East Bay Drive.	Thank you. Infrastructure planning is ongoing and a concern of the current operations.
17	Anonymous, Empire/Coquille Tribal lands	Get rid of the "garbage" infesting our area and Discontinue the Endless violations of our Natural Rights.	Thank you for sharing your perspective.

Flood Open-Ended Response Comments			
How would you like local government agencies to prepare for the flood hazard?			
#	Commenter	Comment	Response
18	Anonymous, Empire/Coquille Tribal lands	Mitigate any possible problems like creating dikes, reservoirs, retention ponds. See how the Dutch deal with their water problems - hydraulic dikes, etc.	Infrastructure planning is ongoing and a concern of the current operations.
19	Anonymous, Lakeside	all of the above	Thank you for sharing your perspective.
20	Karen L Crouch, Lakeside	Our city allows RVS in the flood plain-- violations like this risk lives	Thank you. This suggestion is being considered as a mitigation action.
21	Anonymous, Myrtle Point	Subsidized flood insurance for those that can't afford it	Floodplain regulations are enforced by local planning departments to maintain compliance with the National Flood Insurance Program.  The community is welcomed to and encouraged to have higher standards than minimum standards set for building.  Currently, the county can't afford to subsidize personal insurance.
22	Anonymous, North Bend	Repair dated / failed flood gates. Specifically, the Haynes Inlet. We above the tide gate are experiencing terrible flooding.	Infrastructure planning is ongoing and a concern of the current operations.  This project is planned to be part of the mitigation actions.
23	Liz, North Bend	The less the government is involved in our business the better	Thank you for sharing your perspective.
24	Anonymous, North Bend	These are land use issues that need a County - wide / long term community development / population location non-political / highly technical academic approach to political zoning / earthquake / flood issues and challenges. The money now wasted in building the now abandoned "new" CB library is an example of the consequences to the public of past "market" and poorly regulated community expansion decisions.	Thank you for sharing your perspective.
25	Anonymous, North Bend	our flooding is due to a decrepit tide gate. The bridge that the tide gate is near is being compromised.	Thank you. Infrastructure planning is ongoing and a concern of the current operations.
26	Anonymous, North Bend	My home doesn't flood, per se, but we're close enough to the Bay that in event of a tsunami we're probably hoarked.	Thank you for sharing your perspective.

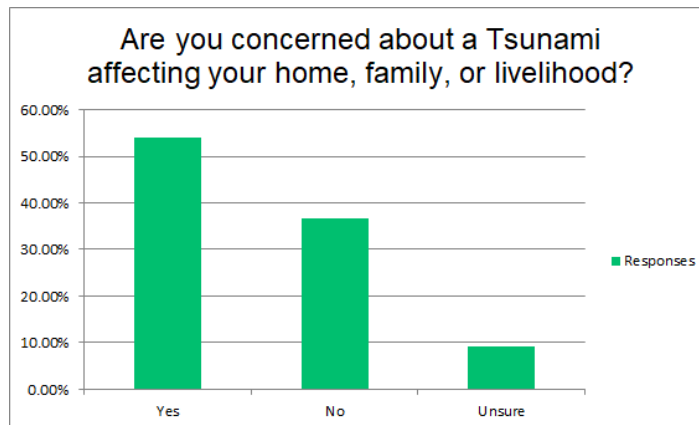
Flood Open-Ended Response Comments			
How would you like local government agencies to prepare for the flood hazard?			
#	Commenter	Comment	Response
27	Anonymous, North Bend	Help us to higher ground	<p>Thank you. This suggestion could be considered as a mitigation action. Please contact please contact the City of North Bend at (541) 756-8535 or the DLCD Oregon Coastal Management Program at <a href="https://www.oregon.gov/lcd/OCMP/Pages/index.aspx">https://www.oregon.gov/lcd/OCMP/Pages/index.aspx</a></p> <p>Tsunami information is available on DOGAMI evacuation maps (subject to change) or <a href="http://nvs.nanoos.org/TsunamiEvac">http://nvs.nanoos.org/TsunamiEvac</a></p>
28	Anonymous, South Coos County (rural)	I live in Allegany and our roads frequently flood nothing can be done to change a river	Thank you for sharing your perspective.
29	Anonymous, South Coos County (rural)	Maintaining ditches along roadways and culverts would help a lot to ensure we have a good road system.	<p>Thank you. This suggestion is being considered as an ongoing mitigation action.</p> <p>Infrastructure planning is ongoing and a concern of the current operations.</p>
30	Anonymous, South Coos County (rural)	Keep cotton picking government hands off my stuff and out of my life.	Thank you for sharing your perspective.

**Question 12: Are you concerned about a Landslide affecting your home, family, or livelihood?**



Question 12: Landslide Concerns		
Answer Choices	Responses	
Yes	28.45%	101
No	65.35%	232
Unsure	6.20%	22
	Answered	355
	Skipped	35

**Question 13: Are you concerned about a Tsunami affecting your home, family, or livelihood?**

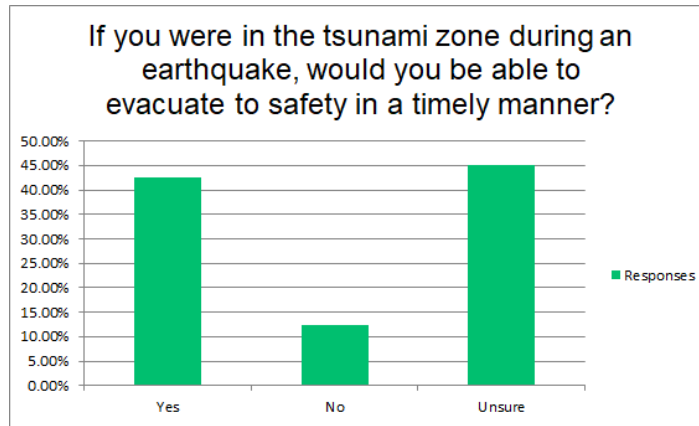


Question 13: Tsunami Concerns		
Answer Choices	Responses	
Yes	54.08%	192
No	36.62%	130
Unsure	9.30%	33
	Answered	355
	Skipped	35



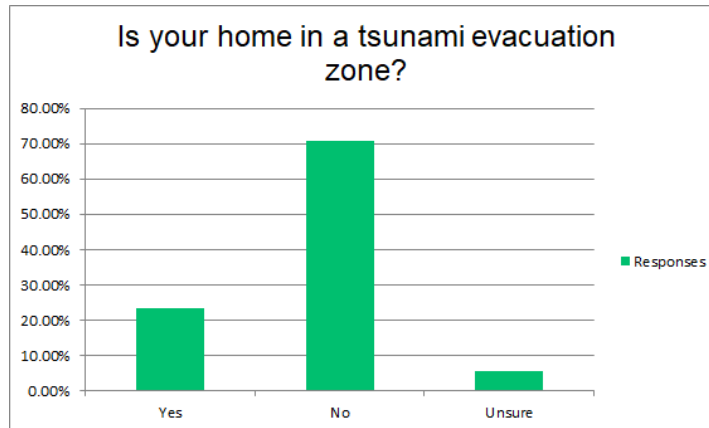
**Tsunami: Follow-on Questions**

**Question 14: If you were in the tsunami zone during an earthquake, would you be able to evacuate to safety in a timely manner?**



Question 14: Timely tsunami evacuation		
Answer Choices	Responses	
Yes	42.62%	52
No	12.30%	15
Unsure	45.08%	55
	Answered	122
	Skipped	268

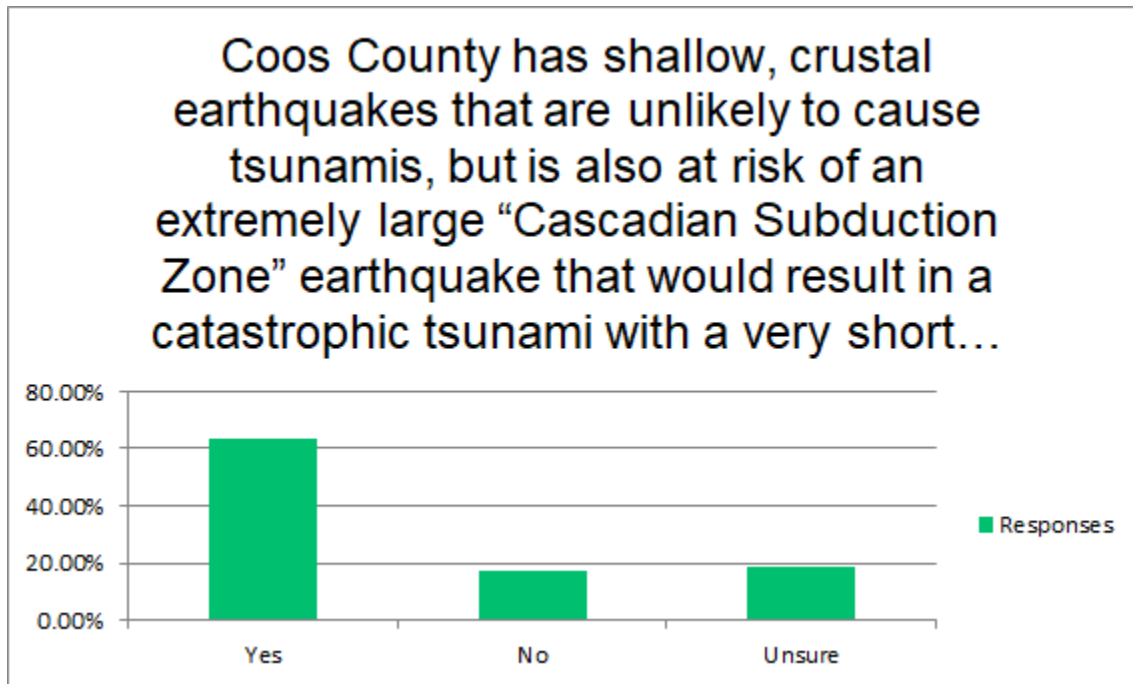
**Question 15: Is your home in a tsunami evacuation zone?**



Question 15: Home in tsunami zone		
Answer Choices	Responses	
Yes	23.58%	29
No	70.73%	87
Unsure	5.69%	7
	Answered	123
	Skipped	267

**Tsunami: Follow-on Questions**

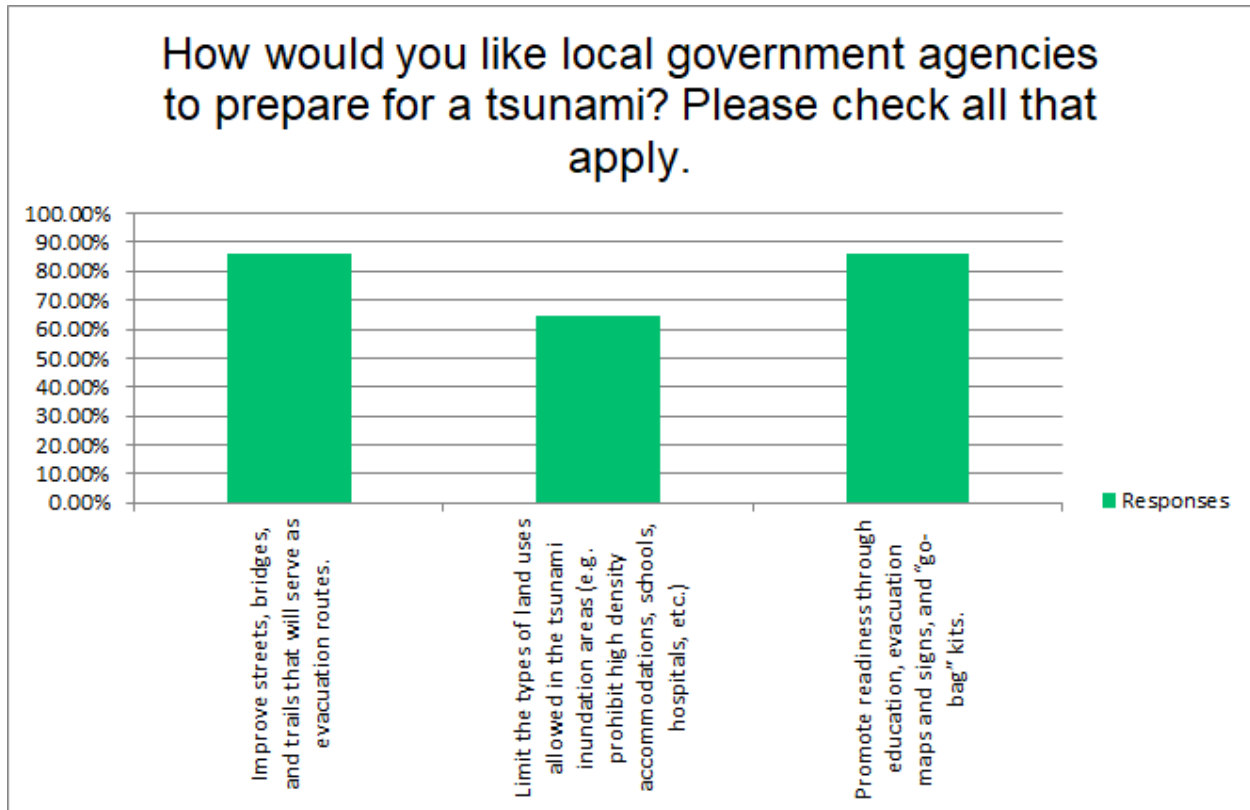
**Question 16: Coos County has shallow, crustal earthquakes that are unlikely to cause tsunamis, but is also at risk of an extremely large “Cascadian Subduction Zone” earthquake that would result in a catastrophic tsunami with a very short evacuation timeline. If an earthquake occurred, would you know when and how to evacuate for a tsunami?**



Question 16: Tsunami Evacuation: when/how?		
Answer Choices	Responses	
Yes	63.64%	77
No	17.36%	21
Unsure	19.01%	23
	Answered	121
	Skipped	269

## Tsunami: Follow-on Questions

Question 17: How would you like local government agencies to prepare for a tsunami? Please check all that apply.



Question 17: Government Preparations for Tsunami	
Answer Choices	Responses
Improve streets, bridges, and trails that will serve as evacuation routes.	86.07% 105
Limit the types of land uses allowed in the tsunami inundation areas (e.g. prohibit high density accommodations, schools, hospitals, etc.)	64.75% 79
Promote readiness through education, evacuation maps and signs, and "go-bag" kits.	86.07% 105
Other	18
	Answered 122
	Skipped 268

Other/ Comments: 17 comments were received reflecting the following priorities:

- Install/improve tsunami evacuation signage and infrastructure:6
- Hazard regulations: 3
- Education: 2
- Home location/Cascadia event comment: 2
- Secure infrastructure and retrofit critical facilities: 2
- Community resilience: 1
- Preparedness: 1

## Tsunami Open-Ended Responses

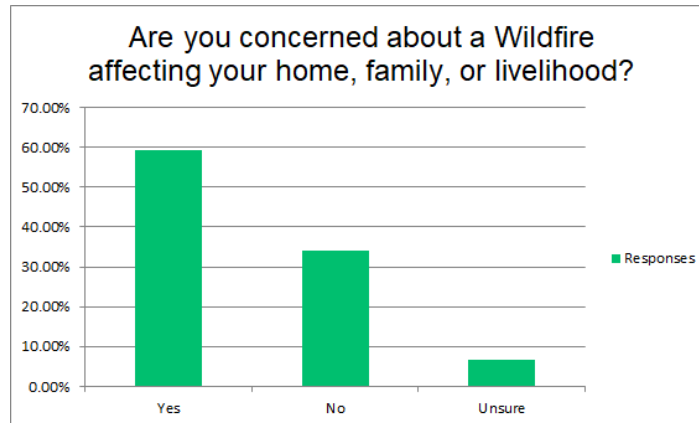
Tsunami Open-Ended Response Comments			
How would you like local government agencies to prepare for a tsunami?			
#	Commenter	Comment	Response
1	Anonymous, Bandon	Early warning system	Thank you. This is a mitigation action.
2	Anonymous, Bandon	Make sure tsunami areas are clearly identified so you know you are in a tsunami area	Thank you, tsunami evacuation planning is an ongoing mitigation action.
3	Anonymous, Bandon	We are not in the evacuation zone, but we are right across the street from the bluff overlooking the ocean. My concern is that such an earthquake as predicted for the Cascadian Subduction Zone would cause land to shift and serious damage to the houses on/in the bluff and possible flooding in Tupper Creek which runs behind our home. We feel fairly safe here, but unsure of what could happen to our specific property given its proximity to the coastal bluffs and the riparian water way that runs behind our home and out to the ocean via a culvert under Beach Loop Drive and through a creek in the bluff on down to the beach.	<p>Please consult a licensed geotechnical engineer to determine your home’s specific risk. You may find the Statewide Landslide Information Layer for Oregon to be useful.: <a href="https://www.oregongeology.org/slido/">https://www.oregongeology.org/slido/</a></p> <p>It appears that regional scale data only is available, but it indicates widespread moderate risk and intermittent high risk to landslides in the Beach Loop Road vicinity.</p> <p>Consider also reviewing these two seismic retrofit guides:</p> <p>Earthquake Preparedness in the Northwest: A Homeowner Guide  <a href="https://enhabit.org/documents/Enhabit-Seismic-Homeowner-Guide_4-1-16.pdf">https://enhabit.org/documents/Enhabit-Seismic-Homeowner-Guide_4-1-16.pdf</a></p> <p>Earthquake Retrofitting: House Bolting, Foundation Bolting &amp; Cripple Wall Bracing  <a href="https://www.earthquakesafety.com/earthquake-retrofitting.html">https://www.earthquakesafety.com/earthquake-retrofitting.html</a></p>
4	Kathleen Hornstuen, Charleston	Include retrofit information in a go-kit booklet and what to put in the kit.	<p>Thank you. This suggestion is being considered as a preparedness action, and you can visit this link for more information for personal preparedness: <a href="http://www.ready.gov/kit">www.ready.gov/kit</a></p> <p>See the Coos County Emergency Management booklet entitled “Are you Ready? Preparing for Disasters and Terrorism in Coos County” available at:</p> <p><a href="https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf">https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf</a></p>

Tsunami Open-Ended Response Comments			
How would you like local government agencies to prepare for a tsunami?			
#	Commenter	Comment	Response
5	James M Behrends, Coos Bay	prepositioned more supplies in more locations on high ground.	Thank you. This suggestion is being considered as a preparedness action.
6	Barb Shamet, Allegany, Or	Promote green infrastructure, micro grids for power, so when and if the big one hits, some p,aves will still be up and running, Decentralize the power grid	Thank you. This suggestion is being considered as a mitigation action.
7	Anonymous, Coos Bay	Follow through with punishing people who run straight to the beach to watch it when a possible tsunami is coming in so even if they don't take the danger seriously, it won't be worth the risk of the giant fine that comes from ignoring an evac/stay away order.	Thank you for sharing your perspective.
8	Anonymous, Coos Bay	Build or require vertical evacuation towers in areas where high population density and difficulty getting people out of inundation zone in a timely manner. And/or require any high-density housing and schools in tsunami inundation zone to have said towers.	Thank you. This suggestion is being considered as a mitigation action.
9	Anonymous, Coos Bay	Improve your infrastructure! Nobody can get out of downtown and now Front Street with traffic one way in and out it can't handle! No speed signs! People doing 40 on Front Street. You have way more to worry about!	Evacuation maps (subject to change) can be found on DOGAMI or <a href="http://nvs.nanoos.org/TsunamiEvac">http://nvs.nanoos.org/TsunamiEvac</a>  Infrastructure is an ongoing planning concern and considerations.

Tsunami Open-Ended Response Comments			
How would you like local government agencies to prepare for a tsunami?			
#	Commenter	Comment	Response
10	Anonymous, Eastside	Why make any changes? I have asthma and the trash burning and brush burning negatively impacts me more than half the year! It also affects home sales. My neighbor was trying to sell his house and there were multiple time buyers were annoyed and left because of the smoke that engulfs the area so frequently. But no one will help me. The fire department told me to sue my neighbor. Are you serious? New fire and police management are needed badly.	Thank you for sharing your perspective.
11	Anonymous, Eastside	Do not approve any more Jordan Cove LNG permits that would be a danger to our community if constructed	Thank you for sharing your perspective.
12	Karin Kenney, Empire/Coquille Tribal lands	Have call feature that can be used to have practice drills for tsunami. Employers should have to allow us to answer the call and see how we do getting out of the zone and into a safe area, either on foot or by car. We need real practice, not just maps and brochures.....I need to drive that route to safety from my home.....from my work.....from my moms house if I'm over there.....I need to know where to go and how!!	Evacuation maps (subject to change) can be found on DOGAMI or <a href="http://nvs.nanoos.org/TsunamiEvac">http://nvs.nanoos.org/TsunamiEvac</a>  Please visit this link or the Coos County Emergency Management website to sign up for the Coos County Emergency Mass Notification System (Everbridge): <a href="https://member.everbridge.net/892807736724057/login">https://member.everbridge.net/892807736724057/login</a> to receive text alerts about evacuation. Coos Emergency Management will also send out press releases, Facebook notices, and specific evacuations (wildfire), will include door-to-door evacuation notices. However, evacuation routes are important research for residents to conduct on their own.
13	Kat Burgess, MRC, CERT, Empire/Coquille Tribal lands	Look into tsunami reduction modifications in the bay AND erect some high platforms like they have in Japan.	Thank you. Infrastructure is an ongoing planning concern and considerations.
14	Anonymous, Myrtle Point	Make tsunami evacuation structures if possible	Thank you. This suggestion is being considered as a mitigation action.

Tsunami Open-Ended Response Comments			
How would you like local government agencies to prepare for a tsunami?			
#	Commenter	Comment	Response
15	Anonymous, North Bend	Some of the maps for evacuation and areas presumed to be safe surprise me. I would ask that local emergency folks actually drive and inspect each area; then use their expertise and common sense not the modeling. Make it hands-on and what is logical.	Thank you, tsunami evacuation planning is an ongoing mitigation action.
16	Anonymous, North Bend	It is crazy to me that people use the McCullough Memorial Bridge into North Bend even though, to the best of my knowledge, it is not seismically sound. I wonder if people know how dangerous it is, or if people don't believe the danger, or if it's just not feasible to avoid the bridge in everyday travel due to a risk that may or may not be imminent.	Thank you for sharing your perspective.  Bridges are identified as an ongoing mitigation action.
17	Anonymous, North Bend	Don't allow a LNG facility that could potentially be devastating to the area.	Thank you for sharing your perspective.
18	Anonymous, North Bend	We've been here 25yrs and I've never seen or heard the evacuation plan for N Bay Schools including school bussing	Thank you. Your concern will be shared with the North Bend School District.
19	Anonymous, South Coos County (rural)	Send poster flyer informational calendars yearly through mail people can put up around house that has all emergency info	Thank you. This suggestion is being considered as a preparedness action.

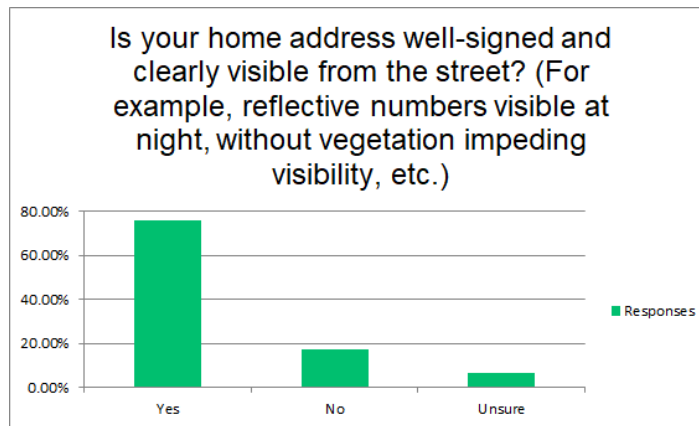
**Question 18: Are you concerned about a Wildfire affecting your home, family, or livelihood?**



Question 18: Wildfire Concerns		
Answer Choices	Responses	
Yes	59.32%	210
No	34.18%	121
Unsure	6.59%	23
	Answered	354
	Skipped	36

**Wildfire: Follow-on Questions**

**Question 19: Is your home address well-signed and clearly visible from the street? (For example, reflective numbers visible at night, without vegetation impeding visibility, etc.)**

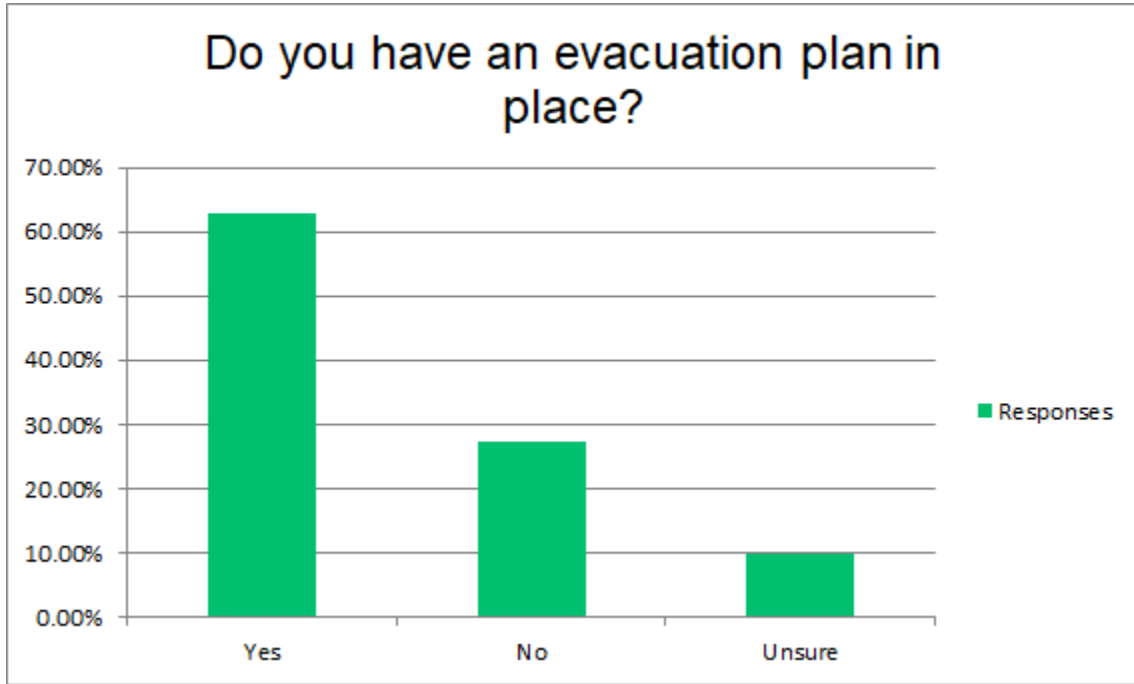


Question 19: Visible Home Address		
Answer Choices	Responses	
Yes	76.12%	153
No	17.41%	35
Unsure	6.47%	13
	Answered	201
	Skipped	189



**Wildfire: Follow-on Questions**

**Question 20: Do you have an evacuation plan in place?**



Question 20: Evacuation plan?		
Answer Choices	Responses	
Yes	62.69%	126
No	27.36%	55
Unsure	9.95%	20
	Answered	201
	Skipped	189

## Wildfire: Follow-on Questions

Question 21: What actions have you taken to reduce risk for your home? Please check all that apply.



### Question 21: Risk Reduction Actions?

Answer Choices	Responses	
Purchased homeowners, renters, and/or flood insurance.	73.43%	210
Retrofit home to withstand forces from natural hazards, such as installing fire-resistant siding, securing water tanks, etc.	25.52%	73
Created a firebreak around your home by removing or reducing fuels such as dead trees, overgrown vegetation, and other flammable materials; clean leaf and tree debris from gutters and roof.	55.24%	129
Prepared an alternate water and/or power supply for use in a disaster.	45.10%	254
Installed smoke detectors, carbon monoxide detectors, and/or easily-accessible fire extinguishers.	88.81%	254
Other		26
	Answered	286
	Skipped	104

Wildfire Open-Ended Responses

**Other/ Comments: 34 comments were received reflecting the following priorities:**

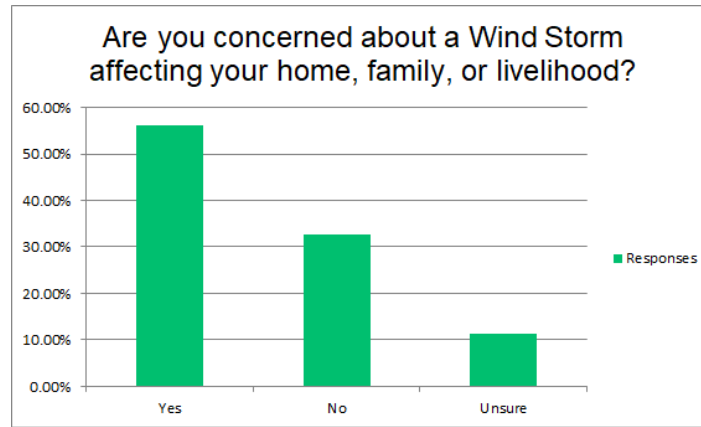
- Gorse/fire concern: 3
- Vegetation management for fire prevention: 3
- Firefighting equipment: 1
- Tsunami warning/evacuation: 5
- Barriers to insurance: 2
- Insurance: 2
- Preparedness: 4
- Home/ Business renovations: 5
- No risk reduction conducted: 6
- Other/Unrelated: 3

Wildfire Open-Ended Response Comments			
What actions have you taken to reduce risk for your home?			
#	Commenter	Comment	Response
1	Anonymous, Bandon	Can't afford to retrofit my home on a monthly disability income.	Thank you. Your situation has been described as a community need to be addressed as a mitigation action.
2	Anonymous, Bandon	The Bandon area has a serious problem with invasive, highly flammable vegetation. Even if I reduce fuels around my home if neighboring properties can't or won't do the same my property is a risk. How can the county help to build community engagement and assist low-income property owners to minimize fire danger?	Thank you. Gorse eradication and control is ongoing mitigation issue.  See the Gorse action group for updated information.  <a href="https://gorseactiongroup.org/">https://gorseactiongroup.org/</a>
3	Anonymous, Bandon	Alternate food supply	Thank you for sharing your wildfire mitigation action.
4	Anonymous, Bunker Hill/ Millington/ Green Acres	Nothing	See this link for preparedness information: <a href="http://www.ready.gov/kit">www.ready.gov/kit</a>  Please visit this link or the Coos County Emergency Management website to sign up for the Coos County Emergency Mass Notification System (Everbridge): <a href="https://member.everbridge.net/892807736724057/login">https://member.everbridge.net/892807736724057/login</a> to receive text alerts about evacuation. Coos Emergency Management will also send out press releases, Facebook notices, and specific evacuations (wildfire), will include door-to-door evacuation notices. However, evacuation routes are important research for residents to conduct on their own.
5	Kathleen Hornstuen, Charleston	My go kit is ready	Thank you for sharing your wildfire mitigation action.

Wildfire Open-Ended Response Comments			
What actions have you taken to reduce risk for your home?			
#	Commenter	Comment	Response
6	Jan Hodder, Charleston	Developed a tsunami evacuation plan. Added shear walls to some rooms in the house.	Thank you for sharing your tsunami mitigation actions.
7	Kathleen Hornstuen, Charleston	Checked for tsunami elevation	Thank you for sharing your tsunami mitigation action.
8	Anonymous, Coquille	We have metal roofs on our home and shop	Thank you for sharing your wildfire mitigation actions.
9	Anonymous, Eastside	Purchased earthquake insurance	Thank you for sharing your mitigation action.
10	Martin Heldt Eastside	Have emergency supplies	Thank you for sharing your mitigation action.
11	Anonymous, Eastside	I cannot leave my smoke detectors on because my house is regularly inundated with smoke from the neighbors that burn trash in their homes and yard	Thank you for sharing your concerns.
12	Kat Burgess, MRC, CERT, Empire/Coquille Tribal lands	Stocked food and supplies for emergencies.	Thank you for sharing your mitigation action.
13	Anonymous, Empire/Coquille Tribal lands	I live right next to tribal land and it is being unmanaged and somehow last year my neighbors have used bulldozers to move trees and brush into piles and now they are big piles of dry tinder, very near to the apt complex I rent. People frequently access the land via trails and some have built fires in the area, and I think their may be a homeless camp as I have seen smoke from the same area.	Thank you for sharing your concerns. Citizens are urged to contact tribal property with concerns about tribal lands.  Fires built during fire season should be reported to local authorities or the Coos Forest Protective Association (CFPA).  CFPA Headquarters / Coos Bay Station 63612 Fifth Road Coos Bay, Oregon 97420 (541) 267-3161
14	Anonymous, Myrtle Point	Seismic straps for the water heater. French drain under the house to provide better drainage. New roof in 2015.	Thank you for sharing your mitigation actions.
15	Anonymous, North Bend	I pay extra for earthquake insurance.	Thank you for sharing your mitigation actions.

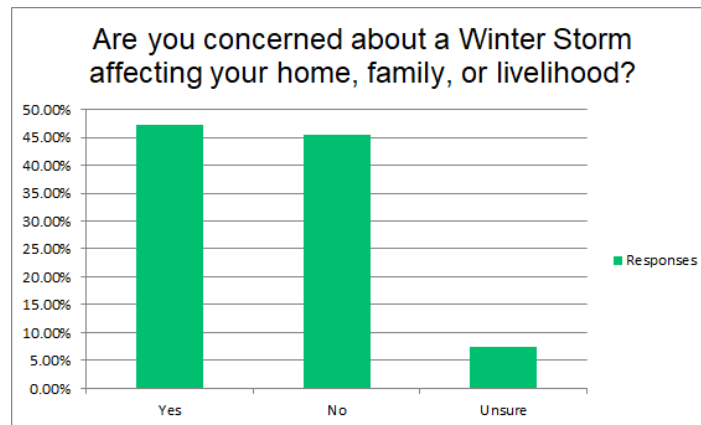
Wildfire Open-Ended Response Comments			
What actions have you taken to reduce risk for your home?			
#	Commenter	Comment	Response
16	Anonymous, North Bend	Still difficult to make a complete fire break around my home. Some retrofit to withstand forces from natural hazards, metal roof, wood stove, try to keep extra supplies on hand.	Thank you for sharing your wildfire mitigation actions and concerns.
17	Anonymous, North Bend	None	
18	Elaine, North Bend	Sorry I have a few smoke detectors but no fire extinguisher and no home owners insurance. I pay attention to harmful weather that might blow my roof off.	Thank you for sharing your wildfire mitigation actions.  Fire preparedness is advised, please see this link for ideas: <a href="https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf">https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf</a>
19	Anonymous, South Coos County (rural)	I live in Allegany and rent. we can cot get renters insurance as we do not have a fire district. the flood and home owners insurance is hard to find and expensive. It would be helpful for the county, state or us government mandate a rural fire department to help us be able to get lower insurance premimums.	Thank you for sharing your concerns.
20	Julie, South Coos County (rural)	Current delinquent and transfer issues have not been able to get any preparation or protections or insurance try save home from forclosure	Thank you for sharing your concerns.
21	Anonymous, South Coos County (rural)	Have hydrant supplied by 5000 gal. tank, firehose and pump.	Thank you for sharing your wildfire mitigation actions.
22	Anonymous, South Coos County (rural)	Gorse removal	Thank you for your mitigation actions. The Gorse action group my have other info for you; <a href="https://gorseactiongroup.org/">https://gorseactiongroup.org/</a>
23	Anonymous, South Coos County (rural)	Fenced the place securely so livestock are not on the road.	Thank you for sharing your mitigation action.

**Question 22: Are you concerned about a Wind Storm affecting your home, family, or livelihood?**



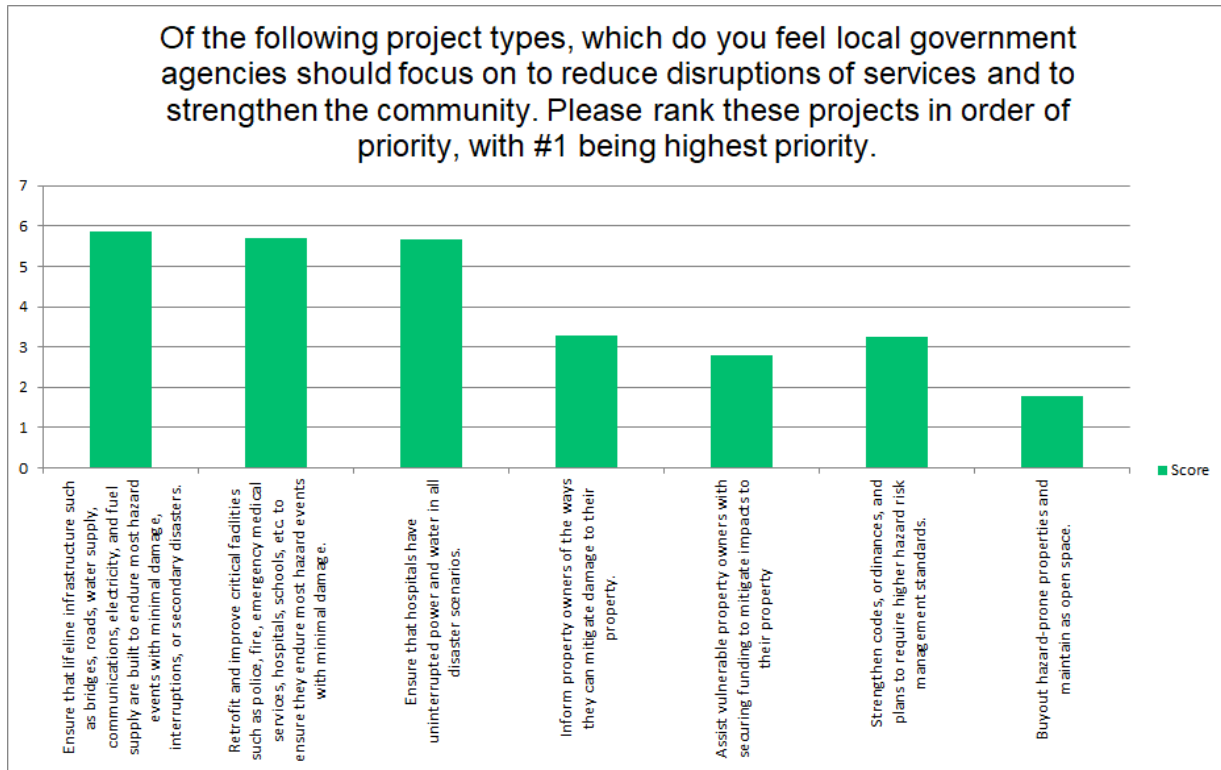
Question 22: Wind Storm Concerns		
Answer Choices	Responses	
Yes	56.15%	169
No	32.56%	98
Unsure	11.30%	34
	Answered	301
	Skipped	89

**Question 23: Are you concerned about a Winter Storm affecting your home, family, or livelihood?**



Question 23: Winter Storm Concerns		
Answer Choices	Responses	
Yes	47.18%	142
No	45.51%	137
Unsure	7.31%	22
	Answered	301
	Skipped	89

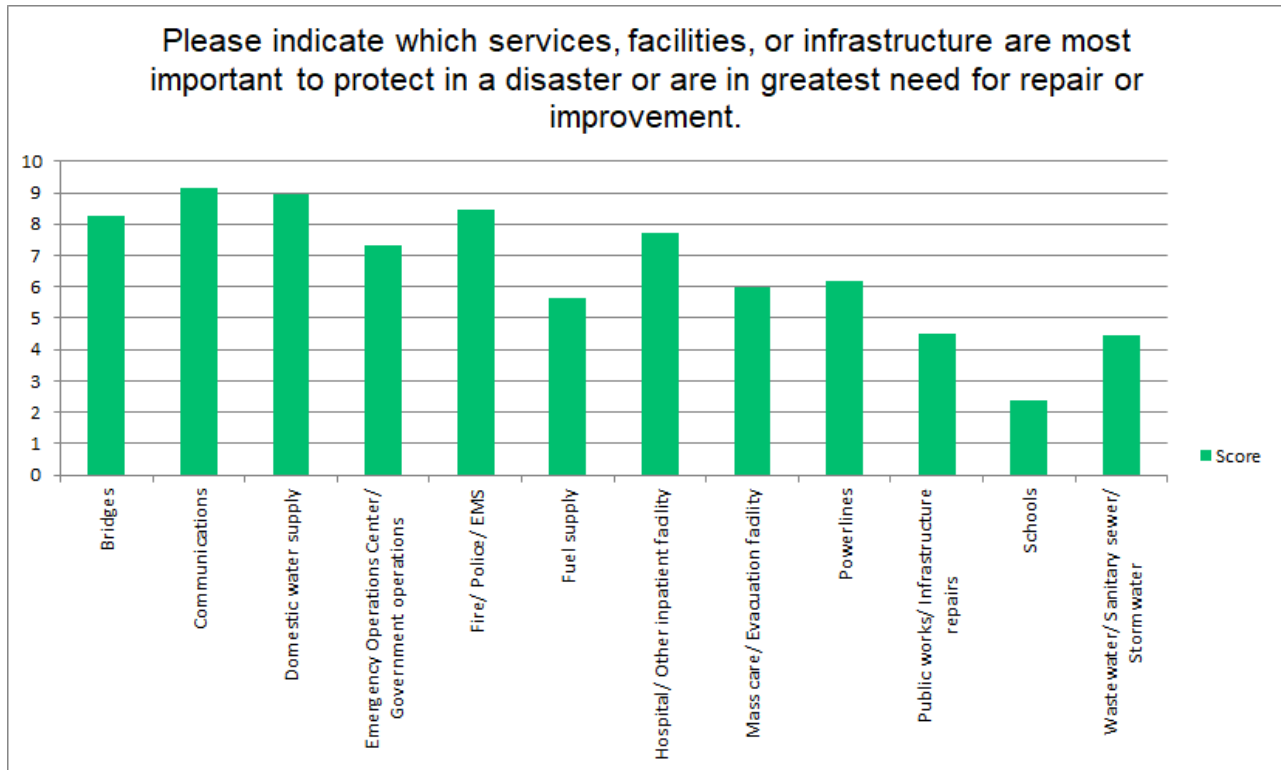
**Question 24: Of the following project types, which do you feel local government agencies should focus on to reduce disruptions of services and to strengthen the community. Please rank these projects in order of priority, with #1 being highest priority.**



**Top Government Priority Projects:**

4. Ensure that lifeline infrastructures such as bridges, roads, water supply, communications, electricity, and fuel supply are built to endure most hazard events with minimal damage, interruptions, or secondary disasters.
5. Retrofit and improve critical facilities such as police, fire, emergency medical services, hospitals, schools, etc. to ensure they endure most hazard events with minimal damage.
6. Ensure that hospitals have uninterrupted power and water in all disaster scenarios.

**Question 25: Please indicate which services, facilities, or infrastructure are most important to protect in a disaster or are in greatest need for repair or improvement. The information you provide will help to shape plan priorities. Please rank these projects in order of priority, with #1 being highest priority.**

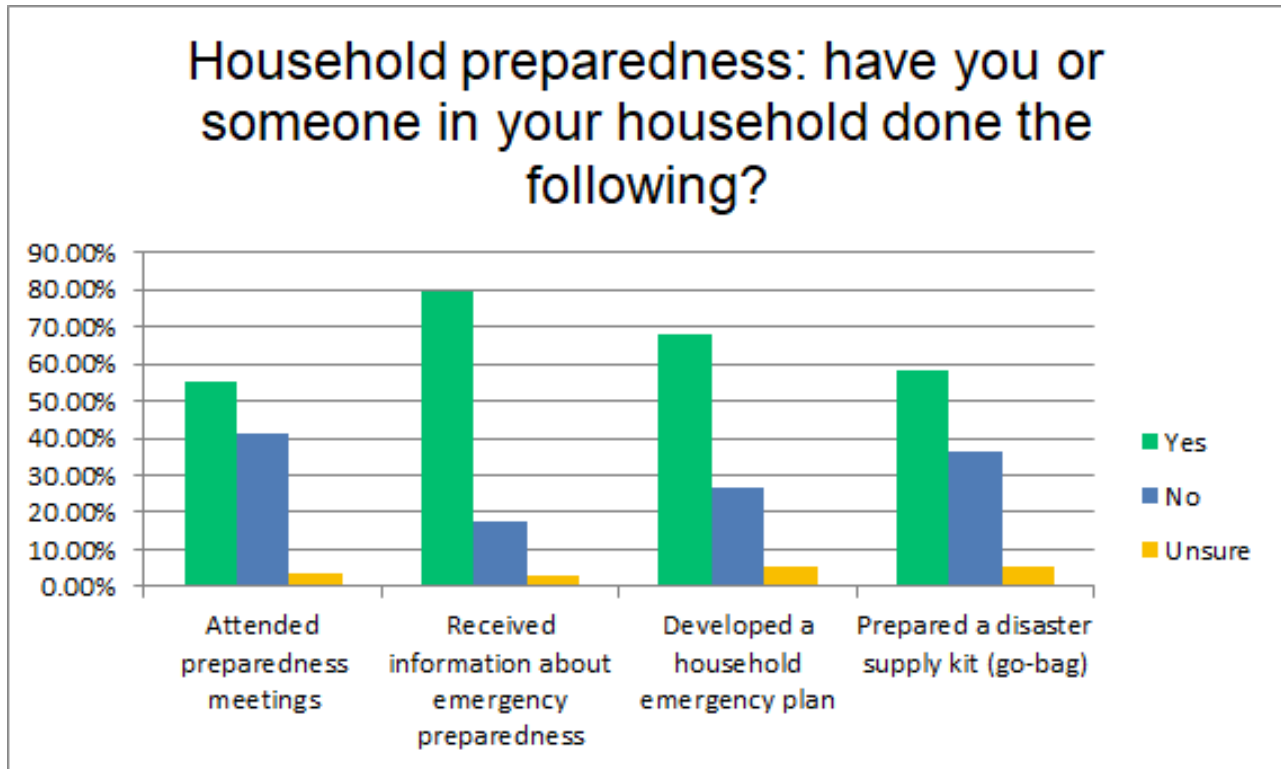


**Priority Infrastructure Protection/ Disaster Need:**

- 7. Communications
- 8. Domestic water supply
- 9. Fire/ Police/ EMS
- 10. Emergency Operations Center/ Government operations
- 11. Bridges
- 12. Hospital/Other inpatient facility



**Question 26: Household preparedness: have you or someone in your household done the following?**



Question 26: Household Preparedness						
Answer Choices	Yes		No		Unsure	
Attended preparedness meetings	55.22%	164	41.08%	122	3.70%	11
Received information about emergency preparedness	79.46%	236	17.51%	52	3.03%	9
Developed a household emergency plan	67.80%	200	26.78%	79	5.42%	16
Prepared a disaster supply kit (go-bag)	58.45%	173	36.15%	107	5.41%	16
					Answered	297
					Skipped	93

**Question 27: Do you have any additional concerns or comments about hazards in your community? Please share them in the space below.**

General Open-Ended Responses

General Open-Ended Response Comments			
Do you have any additional concerns or comments about hazards in your community?			
#	Commenter	Comment	Response
1	Avery Horton, Bandon	Local officials are not prioritizing emergency preparedness.	Thank you for sharing your perspective.
2	Anonymous, Bandon	Gorse is highly flammable. It needs to be removed.	Absolutely, gorse is a priority. It is included in the Wildfire Hazard Chapter and the Mitigation Strategy. See link for more info; <a href="https://gorseactiongroup.org/">https://gorseactiongroup.org/</a>
3	Anonymous, Bandon	Evacuation issues w bridges out, flooding, isolated small oceanside towns like Bandon	Thank you. Your perspective provides helpful insight on the importance of evacuation planning for this plan update.
4	Anonymous, Bandon	Our outdoor public speakers for emergency are intelligible. The music is fine, the words are gibberish even standing near them.	Thank you. This suggestion is underway as a mitigation action.
5	Anonymous, Bandon	The spread of fires due to the ever increasing gorse growth that appears out of control in Bandon.	Absolutely, gorse is a priority. It is included in the Wildfire Hazard Chapter and the Mitigation Strategy. See link for more info; <a href="https://gorseactiongroup.org/">https://gorseactiongroup.org/</a>
6	Anonymous, Bandon	The homeless and drugs that have destroyed neighborhoods and families.	Thank you for sharing your perspective.
7	Anonymous, Bandon	Gorse and the fire danger it causes. Seems to be overtaking many areas around Bandon. A fire would be hotter and faster with so much of it	Absolutely, we agree that gorse is a priority. It is included in the Wildfire Hazard Chapter and the Mitigation Strategy. See link for more info; <a href="https://gorseactiongroup.org/">https://gorseactiongroup.org/</a>
8	Anonymous, Bandon	Thank you for this opportunity.	Thank you for sharing your perspective.
9	Anonymous, Bandon	Worried about explosions from propane tanks in the neighborhood. These could level the town and burn the remaining area	Absolutely, we agree that addressing fuel sources in advance of an earthquake is a priority. It is included in the Earthquake Hazard Chapter and the City of Bandon Mitigation Action Items.

General Open-Ended Response Comments			
Do you have any additional concerns or comments about hazards in your community?			
#	Commenter	Comment	Response
10	Anonymous, Bandon	The threat of fire from the huge amount of gorse that is within and surrounding Bandon City and outlying neighborhoods poses a significant threat and is of real concern for us, given the town has burned down twice. More needs to be done to eradicate gorse from open space as well as private property, especially properties out off of Rosa Road and that general vicinity.	Absolutely, we agree that gorse is a priority. It is included in the Wildfire Hazard Chapter and the Mitigation Strategy.  Fire preparedness is advised, please see this link for ideas: <a href="https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/13791/home_fire_preparedness_and_considerations.pdf">https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/13791/home_fire_preparedness_and_considerations.pdf</a>
11	Anonymous, Bandon	Drought conditions plus unchecked gorse infestation puts fire risk at the top of my list. Elderly, low income and other rural property owners need help to reduce fuel loads on the land, they don't need fines and penalties heaped on them for a problem which has arisen from circumstances beyond reasonable control.	Thank you for sharing your perspective on fines and penalties, your input helps us to prioritize supporting local homeowners in their gorse management in this plan update.
13	Anonymous, Bandon	During Cascadian My home may survive as not in Tsunami area. I am concerned how long I could be trapped here. Are we harnessing wind energy for emergencies	See this link for preparedness information: <a href="http://www.ready.gov/kit">www.ready.gov/kit</a> See the Coos County Emergency Management booklet entitled "Are you Ready? Preparing for Disasters and Terrorism in Coos County" available at: <a href="https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf">https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf</a>
14	Jacob Rosenberg, Bunker Hill/ Millington/ Green Acres	We need a diversified backup communications system in the County.	Thank you. Your perspective provides insight on emergency communications in this plan update. Coos County Amateur Radio (ARES) is an active component of emergency preparedness and a backup to existing capabilities.
15	Kathleen Hornstuen, Charleston	I like the idea of a full-time emergency coordinator in the sheriff's office who will have meetings with all parties that would be involved in a disaster on a regular basis so our county is prepared if and when it happens here.	Thank you for sharing your perspective.

General Open-Ended Response Comments			
Do you have any additional concerns or comments about hazards in your community?			
#	Commenter	Comment	Response
16	Jan Hodder, Charleston	I am concerned about additional developments on the North Spit. This is an area that will be completely inundated in a Cascadia earthquake/tsunami event. There is only one exit from the spit over a bridge that likely will be impassable. It will be impossible for any workers to evacuate the area. I am also concerned about our lack of planning for sea level rise. One only has to drive Hwy 101 during a storm high tide to see that the level of the bay is already higher than the road and railway.	Thank you for sharing your perspective. Your input helps to prioritize evacuation and sea level rise in this plan update.
17	Mike Graybill, Charleston	I am concerned about government agencies such as the port recruiting businesses and industries that if sited in our communities will only make a disaster/emergency worse. The Japan Earthquake and Tsunami emergency was made even worse because a nuclear power plant was sited in a risk zone. The seismic incident resulted in a meltdown emergency at the power plant releasing radiation and requiring emergency personnel to orchestrate an evacuation of 80,000 people in addition to the search and rescue efforts necessitated by the earthquake and tsunami. In our community the port authority is recruiting and promoting industries like LNG and fuel tank farms that if constructed, will only intensify the risk to our local population posed by a seismic event.	Thank you for sharing your perspective.
18	Tina, Charleston	Escape routes out of Barview	Thank you. Tsunami information is available on DOGAMI evacuation maps or <a href="http://nvs.nanoos.org/TsunamiEvac">http://nvs.nanoos.org/TsunamiEvac</a>

General Open-Ended Response Comments			
Do you have any additional concerns or comments about hazards in your community?			
#	Commenter	Comment	Response
19	Bob Pedro, Charleston	The loss of the Crown Point Bridge will create an "Island" of people without emergency services available. Our fire station is usually staffed with an intern and the ONE and only fire hydrant on Crown Point Rd. is about 100 yards North from the station toward the bridge and perhaps 1/4 mi from the bridge. It's a long way to the end of Crown Point Rd.	Thank you. Your concern is being taken into consideration for its mitigation and preparation recommendations.
20	Kathleen Hornstuen, Charleston	Offer low cost first aid classes to give people confidence in an emergency. A county wide disaster education booklet to keep with a go-kit.	Thank you for sharing your perspective—personal preparedness is very important. See this link for more information: <a href="http://www.ready.gov/kit">www.ready.gov/kit</a>  See the Coos County Emergency Management booklet entitled "Are you Ready? Preparing for Disasters and Terrorism in Coos County" available at: <a href="https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf">https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf</a>
21	Anonymous, Charleston	People should be somewhat prepared for any disaster but not live in fear and not be relying on the government to save them.	Thank you for sharing your perspective—personal preparedness is very important. See this link for more information: <a href="http://www.ready.gov/kit">www.ready.gov/kit</a>
22	Anonymous, Charleston	Open fires on properties without homeowners insurance. Around me.	Thank you for sharing your perspective. During time of a fire ban, fires should be reported to authorities or to the Coos Forest Protective Association (CFPA).
23	Anonymous, Charleston	Lack of lighting in dark and rainy conditions impacting visibility of pedestrians who cross roads at places other than crosswalks creating hazards for drivers	Thank you for sharing your perspective.
24	Anonymous, Coos Bay	Clean water in the case of emergencies.	See this link for preparedness information: <a href="http://www.ready.gov/kit">www.ready.gov/kit</a>  See the Coos County Emergency Management booklet entitled "Are you Ready? Preparing for Disasters and Terrorism in Coos County" available at: <a href="https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf">https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf</a>

General Open-Ended Response Comments			
Do you have any additional concerns or comments about hazards in your community?			
#	Commenter	Comment	Response
25	Moffitt, Coos Bay	Difficult to prioritize these as they are all related. We need more infrastructure support for sure.	Thank you for sharing your perspective. Infrastructure concerns and planning are ongoing and prioritized.
26	Anonymous, Coos Bay	We waste by looking at worst cases. Our down town has vacant upper floors of buildings, that with deterioration create a serious hazard. If allowed, they could have less of a risk, but are not economical to bring to highest disaster risk standards. Regulation-overly so is adding to evacuation and safety issues. Schools brought to higher level offer disaster centers for emergencies, and they should be looked at for such purposes. A reserve medical corps of retired medical and trained emergency people would be helpful if organized and trained to how to respond in emergencies. this would also be true for command centers.	Thank you for sharing your perspective.  Please see the below link for information regarding the Medical Readiness Corps, which is a function of Coos Health and Wellness. <a href="https://www.phe.gov/mrc">https://www.phe.gov/mrc</a>
27	Anonymous, Coos Bay	The greatest hazard to our community is homelessness and crime. Beyond that, the ability to effectively and safely evacuate during an emergency.	Thank you for your response.  Tsunami information is available on DOGAMI evacuation maps or <a href="http://nvs.nanoos.org/TsunamiEvac">http://nvs.nanoos.org/TsunamiEvac</a>
28	James M Behrends, Coos Bay	Police are under staffed both city and county	Thank you for sharing your perspective—personal preparedness is very important. See this link for more information: <a href="http://www.ready.gov/kit">www.ready.gov/kit</a>
29	Joseph Metzler, Coos Bay	Earthquake, tsunami, forest fire.	Thank you for sharing your perspective. Please see ; <a href="https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf">https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf</a>
30	James Fritz, Coos Bay	Subsidence of the land. Seismic uplift has pushed us 6 feet higher than normal. When a subduction zone quake occurs. We will drop 6 feet or more. The new sea level will submerge roads, bridges and downtown Coos Bay at high tide. Daily. They didn't call it Marshfield for nothing.	Thank you for sharing your perspective.

General Open-Ended Response Comments			
Do you have any additional concerns or comments about hazards in your community?			
#	Commenter	Comment	Response
30	Anonymous, Coos Bay	<p>Comment about mutual aid, 911, and budgets.</p> <p>GOOD JOB! Not letting them take the Coast Guard Stations away along the coast so one unit spread too thin!</p>	Thank you for sharing your perspective.
31	Anonymous, Coos Bay	The roads are a major hazard. Cars swerve into other lane to avoid tire damaging holes. Libby. Wilshire 4th. There are many more.	Thank you for sharing your perspective.
32	Anonymous, Coos Bay	We (Coos County) will not be a priority like the metropolitan areas with in this state.	Thank you for sharing your perspective.
33	Anonymous, Coos Bay	Protection from looting in a natural disaster if home has to be left for an extended time.	Thank you for sharing your perspective.
34	Donna, Coos Bay	Maybe more Community Info needed. I just moved here & was unaware there is a Tsunami danger!	<p>Thank you for sharing your perspective. Tsunami information is available on DOGAMI evacuation maps (subject to change) or <a href="http://nvs.nanoos.org/TsunamiEvac">http://nvs.nanoos.org/TsunamiEvac</a></p> <p>Please see the Coos County Emergency Management booklet entitled "Are you Ready? Preparing for Disasters and Terrorism in Coos County" available at: <a href="https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf">https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf</a></p>
35	Anonymous, Coos Bay	Mainly fire	<p>Thank you for sharing your perspective. Please see the Coos County Emergency Management booklet entitled "Are you Ready? Preparing for Disasters and Terrorism in Coos County" available at: <a href="https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf">https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf</a></p>
36	Anonymous, Coos Bay	clean water in the case of emergencies.	Thank you. This suggestion is being considered as a preparedness action.
37	James Fox, Coquille	Alternate evacuation routes. Places to assemble to deal with disaster.	<p>Thank you. This suggestion is being considered as a preparedness action. Evacuation information is available on DOGAMI evacuation maps (subject to change) or <a href="http://nvs.nanoos.org/TsunamiEvac">http://nvs.nanoos.org/TsunamiEvac</a></p>

General Open-Ended Response Comments			
Do you have any additional concerns or comments about hazards in your community?			
#	Commenter	Comment	Response
38	Coos County CERT and SERV OR member, Coquille	People have no clue how bad it will really be in the Coos County area in the event of a mass disaster such as a quake caused by the subduction zone.	Thank you for sharing your perspective and your service.
39	Ken Smith, Coquille	Neighbors help each other as much as possible . . . deny the attitude, "Every man for himself"	Thank you for sharing your perspective.
40	Anonymous, Coquille	Communication and policies between county, cities and emergency services to be structured and more at the top of the list of priorities.	Thank you. This suggestion is underway/ ongoing as a mitigation action.
41	Anonymous, Coquille	Stabilization of emergency response team buildings should be priority as well as road systems to be able to help victims quickly.	Thank you for sharing your perspective.
42	Anonymous, Coquille	Landslides are a concern!	Thank you for sharing your perspective. You may find the Statewide Landslide Information Layer for Oregon to be useful.: <a href="https://www.oregongeology.org/slido/">https://www.oregongeology.org/slido/</a>
43	Anonymous, Coquille	I work in Coos Bay so the bridges are very important in many ways for me, first to get home but for everyone else for food, water, other agencies help like more power workers etc to get in to Coos Bay to help with everything.	Thank you for sharing your perspective. Bridges are an ongoing mitigation effort.
44	Martin Heldt, Eastside	The housing shortage	Thank you for sharing your perspective.



General Open-Ended Response Comments			
Do you have any additional concerns or comments about hazards in your community?			
#	Commenter	Comment	Response
45	Anonymous, Eastside	The trash burning and the terrible response from local law enforcement have been enough to make me consider moving but I am handicap and it is not so easy for me to do so. Regular home owners are suffering everyday because of these stone age allowances. And the local police department... I have no faith in there ability to protect me. After a man drove into my home destroying my property and nearly hitting my son with his vehicle. The local PD did nothing. It took them 6 weeks to look at the vehicle that hit my home. I called the 13 times during that period. When I stepped up to speak to someone in charge the reposene I got was disgusting! I am now afraid to complain further as I am now concerned for my and my family safety.	Thank you for sharing your perspective.
46	Anonymous, Eastside	Landslides & Powerlines	Thank you for sharing your perspective. You may find the Statewide Landslide Information Layer for Oregon to be useful: <a href="https://www.oregongeology.org/slido/">https://www.oregongeology.org/slido/</a>
47	LB, Eastside	The services hierarchy difficult to rank	Thank you for sharing your perspective.
48	Anonymous, Eastside	do not approve any more Jordan Cove LNG permits	Thank you for sharing your perspective.
49	Rebecca Benson, Empire/Coquille Tribal lands	I don't feel that this community takes the Cascadia Subduction zone quake and tsunami seriously enough. It is going to happen and every day that goes by, it gets closer. How we fare as a community will depend on how well we prepare.	Thank you for sharing your perspective—personal preparedness is very important. Please see the Coos County Emergency Management booklet entitled “Are you Ready? Preparing for Disasters and Terrorism in Coos County” available at: <a href="https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf">https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf</a>
50	Anonymous, Empire/Coquille Tribal lands	The Corrupt city counsel and mayor should Resign immediately in order that Further Infringements on Our Natural Rights do NOT continue.	Thank you for sharing your perspective.

General Open-Ended Response Comments			
Do you have any additional concerns or comments about hazards in your community?			
#	Commenter	Comment	Response
51	Anonymous, Empire/Coquille Tribal lands	All the options in # 18 are equally important.	Thank you for sharing your perspective.
52	Kristen Laird, Empire/Coquille Tribal lands	Need more public knowledge about when and where meetings are and how to become involved ... Implement remote ways to be active and participate in preparation meetings	Thank you for sharing your perspective.  One of the goals of the NHMP is to improve education and outreach. We will incorporate broader outreach to the community including these actions.
53	Karin Kenney, Empire/Coquille Tribal lands	I live in a mobile home park and it is circular. There is only one entrance/exit. I worry about any disaster striking (especially wildfires) and fear we wouldn't be able to get out.	Thank you for sharing your perspective. Please see the Coos County Emergency Management booklet entitled "Are you Ready? Preparing for Disasters and Terrorism in Coos County" available at: <a href="https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf">https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf</a>
54	Kat Burgess, MRC, CERT, Empire/Coquille Tribal lands	Get the evacuation map corrected! You show Wallace to Libby Road for people in my area. WALLACE DOES NOT GO THROUGH TO LIBBY! The road from Travis to Libby is IMPASSABLE! Your mistake will get people KILLED!	Thank you for sharing your perspective.  The map has been updated. Please use the DOGAMI Nanoos website: <a href="http://nvs.nanoos.org/TsunamiEvac">http://nvs.nanoos.org/TsunamiEvac</a>
55	Anonymous, Empire/Coquille Tribal lands	Fire hazards, especially on tribal lands and the coos watershed, and transient camps/activities.	Thank you for sharing your perspective.
56	Anonymous, Lakeside	because we do get a lot of rain, we let down our guard as it relates to "defendable space". There is a lot of old, dry vegetation everywhere.	Thank you for sharing your perspective.
57	Karen L Crouch, Lakeside	Lakeside has no ordinance enforcement allowing dangerous situations to persist.	Thank you for sharing your perspective.
58	Anonymous, Lakeside	Hazard codes in Lakeside are not enforced. This makes me feel unsafe	Thank you for sharing your perspective.
59	Anonymous, Lakeside	There needs to be more attention to this matter	Thank you for sharing your perspective.
60	Anonymous, Myrtle Point	Our biggest hazard is __ druggies who will rob the people who are prepared. Clean them out of our town.	Thank you for sharing your perspective.
61	Anonymous, Myrtle Point	I live in Bridge and we are pretty much on our own out here.	Thank you for sharing your perspective.
62	Jill Rolfe, Myrtle Point	Funding is needed to complete preparedness	Thank you for sharing your perspective.

General Open-Ended Response Comments			
Do you have any additional concerns or comments about hazards in your community?			
#	Commenter	Comment	Response
63	Donna, Myrtle Point	I'm just worried on the off chance of a disaster that I and my community will not be properly prepared.	Thank you for sharing your perspective. Please see the Coos County Emergency Management booklet entitled "Are you Ready? Preparing for Disasters and Terrorism in Coos County" available at: <a href="https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf">https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf</a>  or see this link for more information: <a href="http://www.ready.gov/kit">www.ready.gov/kit</a>
64	Anonymous, Myrtle Point	The big earthquake and tsunami terrifies me, but the wildfires are even more likely and scary. I'd move if I could, but we really can't afford to. I just get ready to evacuate every fire season and spend weeks in the summer terrified and on edge. What can we do about the drought conditions turning us into a matchbox every summer?	See <a href="http://www.drought.gov">www.drought.gov</a> for more information.  Please see this Coos County Emergency Management booklet: <a href="https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf">https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf</a>  or see this link for more information: <a href="http://www.ready.gov/kit">www.ready.gov/kit</a>
65	Anonymous, North Bend	so many parts of the community are isolated if bridges go down, or there is massive flooding	Thank you for sharing your perspective.
66	Anonymous, North Bend	flooding out Kentuck has been worse and worse over the last few years and other farm owners are adding dirt around the creek without permits or permission making it worse. There needs to be better regulation for what you can do to a creek like Kentuck and Metman and then better implementation of those regulations.	Thank you. This suggestion is being considered as a mitigation action.
67	Anonymous, North Bend	...with all money going to just live many people cannot afford to maintain homes and property.	Thank you for sharing your perspective.
68	Anonymous, North Bend	The flooding in Haynes Inlet could cause road and driveway and bridge failures - endangering lives.	Thank you. This suggestion is being considered as a mitigation action.
69	Liz , North Bend	Infrastructure of roads	Thank you. This suggestion is being considered as a mitigation action.
70	Anonymous, North Bend	No LNG	Thank you for sharing your perspective.

General Open-Ended Response Comments			
Do you have any additional concerns or comments about hazards in your community?			
#	Commenter	Comment	Response
71	Matthew Hays	Liquefaction is a slight concern in case of a large earthquake, but nothing to be done.	Thank you for sharing your perspective.
72	Anonymous, North Bend	People not taking care of brush on their properties	Thank you for sharing your perspective.
73	Pam, North Bend	Traffic in and out of the city	Thank you for sharing your perspective. Evacuation planning is a mitigation action.
74	Steve Jansen, North Bend	Sadly, with a major (earthquake, flood, Tsunami, etc) when things go, they'll ALL go at once. With the NB bridge out, all the fuel inbound fuel, food supplies, medical care will not arrive. Anything strong enough to take out that single point of failure will certainly cause smaller structures and roadways to slide/wash out/fail. The same chain of failures will easily take out power and water distribution. Does PP&L and other power companies have a public plan for citizen review? Ditto for ODOT?	<p>Thank you for sharing your perspective—personal preparedness is very important. See this link for more information: <a href="http://www.ready.gov/kit">www.ready.gov/kit</a></p> <p>Coordination with state and regional agencies on seismic upgrades for roads is an ongoing mitigation action, and to a lesser degree power and water resilience is as well.</p> <p>See ODOT website for further info. <a href="https://www.oregon.gov/ODOT">https://www.oregon.gov/ODOT</a></p> <p>and Public Utilities Commission: <a href="https://www.oregon.gov/PUC">https://www.oregon.gov/PUC</a></p>

General Open-Ended Response Comments			
Do you have any additional concerns or comments about hazards in your community?			
#	Commenter	Comment	Response
75	Anonymous, North Bend	<p>Today my biggest concerns are fire, future pandemics, drought, earthquake- we have done what we can at this point to prepare for earthquake, we did our best during the current pandemic to stay safe but felt our local medical support system (doctors, clinics, public health dept) was woefully ill-prepared and public communication was inadequate. We are most concerned, at this point, about our county and region going up in flames due to the extreme fire danger we are facing this summer, and throughout the West. We have seen little preparation for fire prevention in North Bend and there is throughout the city, overgrown brush, trees, and grasses, in fact, throughout the county. We have three exits out of North Bend, North 101, South 101, and Hwy 42 East. Where do we go and how do we escape a raging fire? These are concerns our state representatives, county commissioners, and local governments need to address quickly and get the information out there to the public, ASAP. Our neighbors escaped the fires in Vida by the skin of their teeth, and their home and belongings burned to the ground. My brother-in-law in Santa Rosa has been evacuated several times from his home in the last four years, and promptly damage around him has been severe. The Paradise Fire scenario is a nightmare event that could easily happen in our county, and citizens in our region need to know what to do, how to prepare, how to prevent (if possible), and how to live with the extreme fire dangers of our region.</p>	<p>Thank you for sharing your perspective—personal preparedness is very important. See this link for more information: <a href="http://www.ready.gov/kit">www.ready.gov/kit</a></p> <p>Coos County Emergency Management distributes this booklet:</p> <p><a href="https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf">https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf</a></p>

General Open-Ended Response Comments			
Do you have any additional concerns or comments about hazards in your community?			
#	Commenter	Comment	Response
76	Anonymous, North Bend	Emphasizing personal preparedness is essential, especially encouraging people to be armed. The government or agencies cannot possibly help everyone in a major emergency and should not be expected to. Neighbors should be expected to help each other.	Thank you for sharing your perspective—personal preparedness is very important. See this link for more information: <a href="http://www.ready.gov/kit">www.ready.gov/kit</a> Coos County Emergency Management distributes this booklet: <a href="https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf">https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf</a>
77	Anonymous, North Bend	I can be pretty self-sufficient if a incident happens when I'm home, it's a whole different scenario if I'm in town. So it's kind of hard to answer some of the questions, I would answer them differently in different location.	Thank you for sharing your perspective.
78	Anonymous, North Bend	need emergency desalination equipment.	Thank you. This suggestion is an ongoing preparedness action.
79	Anonymous, North Bend	Making sure that supplies and relief can come as for the most part we are surrounded by water and bridges that in most events will become at least structurally unsound in most events.	Thank you for sharing your perspective—personal preparedness is very important. See this link for more information: <a href="http://www.ready.gov/kit">www.ready.gov/kit</a>  Coos County Emergency Management distributes this booklet: <a href="https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf">https://www.co.coos.or.us/sites/default/files/fileattachments/sheriff039s_office/page/14311/preparedness_booklet.pdf</a>
80	Anonymous, North Bend	Instead of building and beautifying Front street we need better flooding management	Thank you for sharing your perspective.
81	Anna Banana, North Bend	Next time you do one of these polls separate police from other emergency workers!! If my house is on fire, I need a FIREMAN, not a cop.	Thank you for sharing your perspective.
82	Anonymous, North Bend	Spouse has COPD with great breathing difficulty. Need power source for nebulizer.	Thank you for sharing your perspective.
83	Elaine, North Bend	Hazards I worry about most are the speed limits in north bend keep going up and the roads suffer so much for the speeding and heavy trucks that cause my house to rattle and shake at all hours of the day and night,	Thank you for sharing your perspective.

General Open-Ended Response Comments			
Do you have any additional concerns or comments about hazards in your community?			
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84	Anonymous, North Bend	power companies using the new electronic meters that are LESS reliable in an emergency but gets backing from all levels of government.	Thank you for sharing your perspective.
85	Julie, South Coos County (rural)	Communication to those who don't reach out	Thank you for sharing your perspective.
86	Craig, South Coos County (rural)	Getting home safely after an event... flooding, ciaos, trees down, fire.	Thank you for sharing your perspective.
87	Anonymous, South Coos County (rural)	Owners with Gorse fields not doing anything to mitigate them	Thank you for sharing your perspective.

**Question 28: Provide your name if you would like it to appear with your comment.**

Answered	74
Skipped	316

**Question 29: Please provide your email if you would like to learn about future opportunities regarding hazards in Coos County.**

Answered	81
Skipped	309