

Lane County, OR

Risk-assessment baseline packet

Unit **County area 41039** Release **2026-10** As of **2026-09-28** Storm Events data through **2026-06-30**

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A starting point for the plan's risk assessment (FEMA Local Mitigation Plan Review Tool, Element B). It does not replace local data or FEMA review. Section headings say which FEMA review item each table supports; whether an item is satisfied is decided by the plan and its reviewers.

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Plan clock

Status	Approved, expires 2028-10-16	Plan	Lane County Multi-Jurisdictional Hazard Mitigation Plan (FEMA plan 109162)
Approved	2023-10-17	Expires	2028-10-16
As of	2026-09-28	Days	749 days to expiry

What changed since your last plan (approved 2023-10-17)

New federal declarations	DR-4768-OR, DR-4907-OR (2 declaration rows; 2 counted incidents)	Storm Events records since approval	46 (data through 2026-06-30)
Repetitive loss now	FMA RL 1, SRL 3 (44 CFR 77.2); any definition: 33	Repeat-flood change	First release: no prior release to compare.

SOURCES: FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API); FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API); NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>; FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)

Plan status for every jurisdiction listed in this county: 20 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" after these cover pages.

State plan status and tribal plans in this state: see the state page.

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Plan clock

Plan status for every jurisdiction listed in this county

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry negative = days since expiry	Update underway	Notes
Lane County	County	Approved, expires 2028-10-16	Lane County Multi-Jurisdictional Hazard Mitigation Plan (FEMA plan 109162)	2023-10-17	2028-10-16	749		
Coburg city	City	Approved, expires 2028-10-16	Lane County Multi-Jurisdictional Hazard Mitigation Plan (FEMA plan 109162)	2023-10-17	2028-10-16	749		
Cottage Grove city	City	Approved, expires 2029-04-22	City of Cottage Grove Natural Hazards Mitigation Plan (FEMA plan 109456)	2024-04-23	2029-04-22	937		member approved 2024-04-22
Creswell city	City	Approved, expires 2028-10-16	Lane County Multi-Jurisdictional Hazard Mitigation Plan (FEMA plan 109162)	2023-10-17	2028-10-16	749		
Dunes City city	City	Approved, expires 2028-10-16	Lane County Multi-Jurisdictional Hazard Mitigation Plan (FEMA plan 109162)	2023-10-17	2028-10-16	749		
Eugene city	City	Approved, expires 2028-10-16	Lane County Multi-Jurisdictional Hazard Mitigation Plan (FEMA plan 109162)	2023-10-17	2028-10-16	749		
Florence city	City	Approved, expires 2028-10-16	Lane County Multi-Jurisdictional Hazard Mitigation Plan (FEMA plan 109162)	2023-10-17	2028-10-16	749		
Lowell city	City	Approved, expires 2028-10-16	Lane County Multi-Jurisdictional Hazard Mitigation Plan (FEMA plan 109162)	2023-10-17	2028-10-16	749		
Oakridge city	City	Approved, expires 2028-10-16	Lane County Multi-Jurisdictional Hazard Mitigation Plan (FEMA plan 109162)	2023-10-17	2028-10-16	749		
Springfield city	City	Approved, expires 2028-10-16	Lane County Multi-Jurisdictional Hazard Mitigation Plan (FEMA plan 109162)	2023-10-17	2028-10-16	749		member approved 2025-09-17
Veneta city	City	Approved, expires 2028-10-16	Lane County Multi-Jurisdictional Hazard Mitigation Plan (FEMA plan 109162)	2023-10-17	2028-10-16	749		
Westfir city	City	Approved, expires 2028-10-16	Lane County Multi-Jurisdictional Hazard Mitigation Plan (FEMA plan 109162)	2023-10-17	2028-10-16	749		
Blachly-Lane Electric Cooperative	Electric/Power Authority	Approved, expires 2028-10-16	Lane County Multi-Jurisdictional Hazard Mitigation Plan (FEMA plan 109162)	2023-10-17	2028-10-16	749		
Consumers Power Inc.	Electric/Power Authority	Plan 109162 approved 2023-10-17, pending adoption here; not yet eligible	Lane County Multi-Jurisdictional Hazard Mitigation Plan (FEMA plan 109162), pending adoption here	2023-10-17 by FEMA; not yet adopted here	2028-10-16 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Emerald People's Utility District	Electric/Power Authority	Approved, expires 2027-10-27	Emerald People's Utility District HMP (FEMA plan 108494)	2022-10-28	2027-10-27	394	FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Eugene Water & Electric Board	Electric/Power Authority	Approved, expires 2028-10-16	Lane County Multi-Jurisdictional Hazard Mitigation Plan (FEMA plan 109162)	2023-10-17	2028-10-16	749		
Mapleton Water District	Water/Sewer Authority	Approved, expires 2028-10-16	Lane County Multi-Jurisdictional Hazard Mitigation Plan (FEMA plan 109162)	2023-10-17	2028-10-16	749		
Port of Siuslaw	Highway/Port/ Rail	Approved, expires 2029-10-01	Port of Siuslaw Hazard Mitigation Plan (FEMA plan 109029)	2024-10-02	2029-10-01	1,099		
Rainbow Water District	Water/Sewer Authority	Approved, expires 2028-10-16	Lane County Multi-Jurisdictional Hazard Mitigation Plan (FEMA plan 109162)	2023-10-17	2028-10-16	749		
University of Oregon	College/ University	Approved, expires 2027-11-30	University of Oregon (FEMA plan 108486)	2022-12-01	2027-11-30	428		

SOURCE
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Supports B1-a: hazards

Hazards NRI does not cover: check locally

- dam failure (incl. upstream dams)
 - levee failure
 - flash flood as its own subtype
 - ice jams
- debris flows
 - erosion (riverine and coastal)
 - land subsidence and sinkholes
 - expansive soils

The 18 National Risk Index hazards, ranked by expected annual loss (EAL)

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings modeled dollars per year	EAL agriculture modeled dollars per year	EAL population equivalence statistical value of life and injury; \$13.7M per life, not property damage	EAL total (see note) modeled dollars per year	Storm Events records since 1996 count	Evidence for an omission NRI Not Applicable, no declaration and no Storm Events record since 1996	Storm Events coverage note
1	Inland Flooding	Relatively High	Relatively High	\$116,714,463	\$183,307	\$98,464	\$116,996,233	51		
2	Earthquake	Relatively High	Relatively High	\$59,850,181		\$35,271,380	\$95,121,561			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
3	Heat Wave	Relatively Moderate	Relatively Moderate	\$2,155	\$37,449	\$4,594,750	\$4,634,354	10		
4	Lightning	Relatively High	Relatively High	\$48,031		\$955,585	\$1,003,617	2		

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
5	Cold Wave	Relatively Low	Relatively Low	\$2,237	\$6,492	\$726,706	\$735,435	4		Includes 2 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
6	Strong Wind	Relatively Moderate	Relatively Moderate	\$577,112	\$26	\$72,811	\$649,949	393		Includes 362 High Wind records and 18 Strong Wind records, event types the NRI definition of this hazard leaves out.
7	Ice Storm	Relatively High	Relatively High	\$113,708		\$391,694	\$505,402	15		
8	Winter Weather	Relatively High	Relatively High	\$1,372	\$1,800	\$309,560	\$312,731	199		
9	Coastal Flooding	Relatively Low	Relatively Low	\$274,463		\$13,950	\$288,412	5		
10	Tornado	Very Low	Very Low	\$154,272	\$147	\$94,076	\$248,495	3		
11	Tsunami	Very Low	Very Low	\$175,301		\$64,920	\$240,221	1		
12	Volcanic Activity	Relatively Moderate	Relatively Moderate	\$61,728		\$134,922	\$196,650	0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
13	Wildfire	Relatively Low	Relatively Low	\$145,351	\$7	\$9,758	\$155,116	30		
14	Hail	Very Low	Very Low	\$102,668	\$2,246	\$13,955	\$118,870	11		
15	Landslide	Relatively Moderate	Relatively Low	\$9,155		\$35,653	\$44,808	11		
16	Drought	Very Low	Very Low		\$1,347		\$1,347	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
17	Avalanche	Very Low	Very Low	\$3		\$479	\$482	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Hurricane	Not Applicable	Not Applicable					0	NRI rates hurricane Not Applicable for this county, and no counted federal declaration for this county names it (EM-3228-OR names it but is not counted as a local occurrence; see B1-d).	No recorded events in Storm Events since 1996 (data through 2026-06-30).

Total = buildings + agriculture + population equivalence; FEMA values each expected death (or 10 injuries) at \$13.7 million (2024 dollars).

SOURCES

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
 NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Check your state hazard mitigation plan's hazard list for this county; explain any hazard you drop.

Supports B1-b: location

Where each hazard occurs

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Avalanche	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	20 of 92
Coastal Flooding	The FEMA Flood Insurance Rate Map (FIRM) is the required location source for flooding. See the FEMA Flood Map Service Center (https://msc.fema.gov) for this county.	6 of 92
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	92 of 92
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	33 of 92
Earthquake	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	92 of 92
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	92 of 92
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	92 of 92
Hurricane	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 92
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	92 of 92
Inland Flooding	The FEMA Flood Insurance Rate Map (FIRM) is the required location source for flooding. See the FEMA Flood Map Service Center (https://msc.fema.gov) for this county.	92 of 92
Landslide	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	90 of 92
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	92 of 92
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	92 of 92
Tornado	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	92 of 92
Tsunami	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	6 of 92
Volcanic Activity	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	50 of 92
Wildfire	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	82 of 92
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	92 of 92

SOURCE
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)

Supports B1-c: extent

Extent: scale, observed range and worst recorded event per hazard

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Avalanche	none (count and damage)	0					Physical measure: in event narratives only; local data required.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Coastal Flood, Storm Surge/ Tide	none in data (FIRM for depth)	5, 2006 to 2022 (5 zone- level)		Coastal Flood, 2015-12-10, \$919,000 property; \$0 crops, reported for the zone (2015 dollars); NWS zone ORZ002 (CENTRAL OREGON COAST), zone- level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	2, 1998 to 2013 (2 zone- level)	2 days to 7 days (median 4.5 days); 2 with a recorded value	7 consecutive days, 1998-12-18 to 1998-12-24, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Wind chill: in event narratives only; local data required.
Frost/Freeze (outside NRI Cold Wave definition)	crop damage	2, 2024 to 2024 (2 zone- level)		No crop damage reported in 2 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Temperature: in event narratives only; local data required.
Drought	US Drought Monitor D- scale	0					Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					No Storm Events record; local data required (e.g., USGS).
Hail	hail size (inches)	15, 1962 to 2024	0.75 in to 1.75 in (median 1 in); 15 with a recorded value	1.75 in hail, 2008-08-18; same size also recorded on 1990-06-21		Event records naming member places: Oakridge city (3 records), Eugene city (1 record).	
Excessive Heat, Heat	heat index (narratives)	10, 2006 to 2022 (10 zone- level)	1 day to 5 days (median 3 days); 10 with a recorded value	5 consecutive days, 2015-07-01 to 2015-07-05, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Heat index: in event narratives only; local data required.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	0					Storm Events files every zone of a storm's episode under the storm's event type and category, so a Hurricane (Typhoon) record, especially an inland or remnant one, does not by itself mean hurricane-force winds here; read the damage and wind columns.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Ice Storm	Sperry-Piltz (local data)	15, 1996 to 2025 (15 zone- level)		Ice Storm, 2024-01-13, \$34,400,000 property; \$0 crops, reported for the zone (2024 dollars); NWS zone ORZ008 (SOUTHERN WILLAMETTE VALLEY), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Ice thickness: in event narratives only; local data required.
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	51, 1996 to 2025 (16 zone- level)		Flood, 1996-02-06, \$400,000,000 property; crops not reported, reported for the zone (1996 dollars), 7 direct deaths (reported for the zone); NWS zone ORZ004 (CENTRAL COAST RANGE OF W OREGON), zone-level: may include parts of neighboring counties		Event records naming member places: Springfield city (5 records), Eugene city (1 record). Zone-level records (16) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage can be \$0 or blank even for a major flood, so the worst record here may not be the worst flood; compare FEMA Public Assistance by declaration in B1-d.
Debris Flow	none (count and damage)	11, 1996 to 2025 (7 zone- level)		Debris Flow, 2009-01-02, \$150,000 property; \$0 crops, reported for the zone (2009 dollars); NWS zone ORZ002 (CENTRAL OREGON COAST), zone- level: may include parts of neighboring counties		Event records naming member places: Lowell city (1 record), Westfir city (1 record). Zone-level records (7) apply countywide.	Physical measure: in event narratives only; local data required.
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	2, 2005 to 2005		No damage or casualties reported in 2 records.		Event records naming member places: Cottage Grove city (1 record), Eugene city (1 record).	Storm Events lists lightning with damage or casualties; physical measure in event narratives only; local data required.
High Wind and Strong Wind (outside NRI Strong Wind definition)	wind speed (kt and mph)	380, 1996 to 2025 (380 zone-level)	30 kt (35 mph) to 109 kt (125 mph) (median 58 kt (67 mph)); 374 with a recorded value	109 kt (125 mph) measured gust, High Wind, 2007-12-02; NWS zone ORZ002 (CENTRAL OREGON COAST), zone- level: may include parts of neighboring counties	Strong Wind, 2020-09-07, \$200,000,000 property; \$0 crops, reported for the zone (2020 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	17, 1982 to 2024	30 kt (35 mph) to 70 kt (81 mph) (median 51.5 kt (59 mph)); 12 with a recorded value	70 kt (81 mph) estimated sustained, Thunderstorm Wind, 2005-06-19	Thunderstorm Wind, 2015-12-10, \$260,000 property; \$0 crops (2015 dollars)	Event records naming member places: Springfield city (3 records), Eugene city (2 records), Coburg city (1 record), Cottage Grove city (1 record), Creswell city (1 record), Westfir city (1 record).	

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Tornado	Enhanced Fujita (F before Feb 2007)	7, 1951 to 2015	F/EF0 to F/EF1 (median F/EF0); 6 with a recorded value	F1 tornado, 1989-11-24, 0.3 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 40 yd wide, \$25,000 property; crops not recorded (1989 dollars)	Tornado, 1996-12-05, \$50,000 property; crops not reported (1996 dollars)	Event records naming member places: Eugene city (2 records), Creswell city (1 record).	From 1996 on, tornado records are per-county segments and length is the path length within this county (NWS Instruction 10-1605); records before 1996 may give the whole path length, including the path outside this county, and before 1996 a tornado is listed once, under the county where it began, with the whole path's rating; counties farther along the path may not list it. Length is not used to rank tornadoes.
Tsunami	none (count and damage)	1, 2022 to 2022 (1 zone-level)		No damage reported in 1 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Physical measure: in event narratives only; local data required.
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					Physical measure: in event narratives only; local data required.
Wildfire	acres burned (local data)	30, 1996 to 2023 (24 zone-level)		Wildfire, 1996-09-01, \$1,700,000 property; crops not reported (1996 dollars)		Event records naming member places: Oakridge city (5 records), Veneta city (1 record). Zone-level records (24) apply countywide.	Acres burned: in event narratives only; local data required.
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall local)	199, 1996 to 2026 (199 zone-level)		Heavy Snow, 2019-02-24, \$13,400,000 property; crops not reported, reported for the zone (2019 dollars); NWS zone ORZ008 (SOUTHERN WILLAMETTE VALLEY), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Snow depth: in event narratives only; local data required.

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records are placed with NWS zone-county files, which exist from 2020 on; an earlier record is placed by its zone number in the nearest later file only when its zone name matches that file, records from zones NWS renumbered are placed by name or left out, and a record whose zone is in no known file is left out of every count, so counts before 2020 can be low. Some current zones are also missing from the NWS files, so recent counts can be low too.

Dollars are nominal (as reported), labeled with the year; not adjusted for inflation.

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

Supports B1-d: previous occurrences

Declaration rows

24

Counted incidents

18

Federal disaster declarations for this county

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2026-04-07	2025-12-15	DR-4907-OR	Major disaster	SEVERE STORMS, STRAIGHT-LINE WINDS, FLOODING, LANDSLIDES, AND MUDSLIDES	Inland Flooding; Landslide; Strong Wind; Winter Weather	\$582,547.35	new since last plan; within last 5 years	
2024-04-13	2024-01-10	DR-4768-OR	Major disaster	SEVERE WINTER STORMS, STRAIGHT-LINE WINDS, LANDSLIDES, AND MUDSLIDES	Landslide; Strong Wind; Winter Weather	\$25,510,831.48	new since last plan; within last 5 years	
2023-01-27	2022-09-09	FM-5457-OR	Fire management	CEDAR CREEK FIRE	Wildfire	none found	during plan review, check whether your last plan included it; within last 5 years	
2020-09-15	2020-09-07	DR-4562-OR	Major disaster	WILDFIRES AND STRAIGHT-LINE WINDS	Wildfire	\$61,633,799.62		
2020-09-10	2020-09-08	EM-3542-OR	Emergency	WILDFIRES	Wildfire	none found		same incident as DR-4562
2020-09-08	2020-09-08	FM-5357-OR	Fire management	HOLIDAY FARM FIRE	Wildfire	none found		same incident as DR-4562
2020-03-28	2020-01-20	DR-4499-OR	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$57,392,973.53		
2020-03-13	2020-01-20	EM-3429-OR	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4499
2019-05-02	2019-02-23	DR-4432-OR	Major disaster	SEVERE WINTER STORMS, FLOODING, LANDSLIDES, AND MUDSLIDES	Inland Flooding; Landslide; Winter Weather	\$15,265,150.58		
2017-01-25	2016-12-14	DR-4296-OR	Major disaster	SEVERE WINTER STORM AND FLOODING	Inland Flooding; Winter Weather	\$12,721,243.63		
2016-02-17	2015-12-06	DR-4258-OR	Major disaster	SEVERE WINTER STORMS, STRAIGHT-LINE WINDS, FLOODING, LANDSLIDES, AND MUDSLIDES	Inland Flooding; Landslide; Strong Wind; Winter Weather	\$1,976,628.85		
2014-04-04	2014-02-06	DR-4169-OR	Major disaster	SEVERE WINTER STORM	Winter Weather	\$5,169,276.81		
2012-03-02	2012-01-17	DR-4055-OR	Major disaster	SEVERE WINTER STORM, FLOODING, LANDSLIDES, AND MUDSLIDES	Inland Flooding (primary); also designated: Landslide, Winter Weather	\$1,040,760.93		
2005-09-07	2005-08-29	EM-3228-OR	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	none found		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance		Flags	Notes
						federal share obligated, nominal dollars			
2004-02-19	2003-12-26	DR-1510-OR	Major disaster	SEVERE WINTER STORMS	Winter Weather		\$928,083.20		
2002-03-12	2002-02-07	DR-1405-OR	Major disaster	SEVERE WINTER STORM WITH HIGH WINDS	Strong Wind; Winter Weather		\$2,928,484.12		
1997-01-23	1996-12-25	DR-1160-OR	Major disaster	SEVERE WINTER STORMS, LAND AND MUDSLIDES, FLOODING	Inland Flooding; Landslide; Winter Weather	PA not declared for this county			
1996-12-23	1996-11-17	DR-1149-OR	Major disaster	FLOODING, LAND, MUD SLIDES, HIGH WINDS,SEVERE STORMS	Inland Flooding (primary); also designated: Landslide, Strong Wind		none found		
1996-03-19	1996-12-10	DR-1107-OR	Major disaster	SEVERE STORMS AND HIGH WINDS	Strong Wind		none found		
1996-02-09	1996-02-04	DR-1099-OR	Major disaster	HIGH WINDS, SEVERE STORMS AND FLOODING	Inland Flooding (primary); also designated: Strong Wind		none found		
1994-08-02	1994-05-01	DR-1036-OR	Major disaster	THE EL NINO (THE SALMON INDUSTRY)	Fishing Losses: economic loss, not a physical hazard event; non-natural, not counted	PA not declared for this county			
1974-01-25	1974-01-25	DR-413-OR	Major disaster	SEVERE STORMS, SNOWMELT & FLOODING	Inland Flooding		none found		
1972-01-21	1972-01-21	DR-319-OR	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding		none found		
1964-12-24	1964-12-24	DR-184-OR	Major disaster	HEAVY RAINS & FLOODING	Inland Flooding		none found		

School districts and special districts in this county: \$38,491,003.10 (included in the county total above). Public Assistance matched by applicant name to the school districts and special districts FEMA lists as plan members in this county. They are not shown as member blocks, so their total is listed here. These dollars are already included in the county PA column of the declarations table (the FEMA record places each applicant in this county); do not add this line to the county total.

County Public Assistance: applicants the FEMA record places in this county, including any state agencies FEMA files there; statewide rows are listed on the state page; federal share obligated, nominal dollars.

Dollars are nominal (as reported), labeled with the year; not adjusted for inflation.

SOURCES

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Statewide declarations

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	Flags	Notes
1963-02-25	1963-02-25	DR-144-OR	Major disaster	FLOODS	Inland Flooding		
1962-10-16	1962-10-16	DR-136-OR	Major disaster	SEVERE STORMS	Hazard not mapped (severe storm title names no single hazard); not counted		
1957-03-01	1957-03-01	DR-69-OR	Major disaster	FLOOD	Inland Flooding		
1956-07-20	1956-07-20	DR-60-OR	Major disaster	STORM & FLOOD	Inland Flooding		
1955-12-29	1955-12-29	DR-49-OR	Major disaster	FLOOD	Inland Flooding		

FEMA recorded these with designated area Statewide and no county. Listed on every county page in the state; not counted with county rows.

27 Fire Management declarations (1973-08-17 to 2001-08-17) FEMA filed as Statewide with no county; each names one local fire. Listed on the state page.

SOURCE

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

Public Assistance filed under this county for declarations that do not list it: 1 row, \$4,246.39

FEMA number	Declared	Title	Applicant	PA obligated <i>federal share obligated, nominal dollars</i>
DR-1733-OR	2007-12-08	SEVERE STORMS, FLOODING, LANDSLIDES, AND MUDSLIDES	Netarts-Oceanside Fire District	\$4,246.39

FEMA's Public Assistance summaries file these applicants under this county, but FEMA's declaration rows for these disasters do not designate it (an electric cooperative or district serving several counties, for example). Not in any declaration row above and not counted.

SOURCES

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

Public Assistance not placed in a county in this state: 1 row, \$479,867.27

Disaster number	Declared	Applicant	County field in FEMA data	PA obligated <i>federal share obligated, nominal dollars</i>	Why not placed
4519	2020-04-03	City of Walla Walla	Walla Walla County	\$479,867.27	county field is a county of another state and the applicant name does not identify a place in the declaring state

FEMA's Public Assistance summaries file these applicants under a county field that is not a county of this state (an Alaska school area, the former Valdez-Cordova Census Area, or another state's county), and the applicant name does not identify one place here. They are listed for the whole state and are not in any county total. Check whether any of them worked in your county.

SOURCE

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

Previous occurrences by hazard, with explicit no-event rows

Hazard	Storm Events records <i>full period</i>	Since plan approval records	During plan review records	Last 5 years records	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Avalanche	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Coastal Flooding	5	0	0	1	0	0	1996 to 2026-06-30	
Cold Wave	4	2	0	2	0	0	1996 to 2026-06-30	Includes 2 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
Drought	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Earthquake	0	0	0	0	0	0		No Storm Events record; local data required (e.g., USGS).
Hail	15	1	0	2	0	0	1955 to 2026-06-30	
Heat Wave	10	0	0	1	0	0	1996 to 2026-06-30	
Hurricane	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Ice Storm	15	3	1	4	0	0	1996 to 2026-06-30	

Hazard	Storm Events records <i>full period</i>	Since plan approval <i>records</i>	During plan review <i>records</i>	Last 5 years <i>records</i>	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Inland Flooding	51	8	0	9	11	1	1996 to 2026-06-30	
Landslide	11	2	0	3	7	2	1996 to 2026-06-30	
Lightning	2	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	397	12	4	32	7	2	1955 to 2026-06-30	Includes 362 High Wind records and 18 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	7	0	0	0	0	0	1950 to 2026-06-30	
Tsunami	1	0	0	1	0	0	1996 to 2026-06-30	
Volcanic Activity	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	30	0	3	6	2	0	1996 to 2026-06-30	
Winter Weather	199	18	5	30	10	2	1996 to 2026-06-30	

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

Notable Storm Events records

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2024-01-16	Ice Storm		\$0 property; \$0 crops, reported for the zone (2024 dollars)	1, 0	NWS zone ORZ008 (SOUTHERN WILLAMETTE VALLEY), zone-level: may include parts of neighboring counties	new since last plan; within last 5 years	deaths or injuries recorded
2024-01-13	Ice Storm		\$34,400,000 property; \$0 crops, reported for the zone (2024 dollars)	0, 0	NWS zone ORZ008 (SOUTHERN WILLAMETTE VALLEY), zone-level: may include parts of neighboring counties	new since last plan; within last 5 years	B1-c worst recorded: Ice Storm
2021-06-26	Excessive Heat		\$0 property; \$0 crops, reported for the zone (2021 dollars)	1, 0	NWS zone ORZ008 (SOUTHERN WILLAMETTE VALLEY), zone-level: may include parts of neighboring counties		deaths or injuries recorded

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2019-02-24	Heavy Snow		\$13,400,000 property; crops not reported, reported for the zone (2019 dollars)	0, 0	NWS zone ORZ008 (SOUTHERN WILLAMETTE VALLEY), zone-level: may include parts of neighboring counties		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2015-12-10	Coastal Flood		\$919,000 property; \$0 crops, reported for the zone (2015 dollars)	0, 0	NWS zone ORZ002 (CENTRAL OREGON COAST), zone-level: may include parts of neighboring counties		B1-c worst recorded: Coastal Flood, Storm Surge/Tide
2015-07-01	Heat		\$0 property; \$0 crops, reported for the zone (2015 dollars)	0, 0	NWS zone ORZ008 (Southern Willamette Valley), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat
2007-12-02	High Wind	109 kt (125 mph) measured gust	\$434,000 property; \$0 crops, reported for the zone (2007 dollars)	0, 0	NWS zone ORZ002 (CENTRAL OREGON COAST), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2005-06-19	Thunderstorm Wind	70 kt (81 mph) estimated sustained	damage not reported	0, 0	SPRINGFIELD		B1-c worst recorded: Thunderstorm Wind
1998-12-18	Cold/Wind Chill		damage not reported	0, 0	NWS zone ORZ002 (CENTRAL COAST), zone-level: may include parts of neighboring counties		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
1996-09-01	Wildfire		\$1,700,000 property; crops not reported (1996 dollars)	0, 0	OAKRIDGE		B1-c worst recorded: Wildfire
1996-02-06	Flood		\$400,000,000 property; crops not reported, reported for the zone (1996 dollars)	7, 0	NWS zone ORZ004 (CENTRAL COAST RANGE OF W OREGON), zone-level: may include parts of neighboring counties		deaths or injuries recorded
1989-11-24	Tornado	F1, 0.3 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 40 yd wide	\$25,000 property; crops not recorded (1989 dollars)	0, 0	location not recorded		B1-c worst recorded: Tornado

The full list is in the XLSX file, sheet "B1-d Storm Events history" (747 rows).

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records are placed with NWS zone-county files, which exist from 2020 on; an earlier record is placed by its zone number in the nearest later file only when its zone name matches that file, records from zones NWS renumbered are placed by name or left out, and a record whose zone is in no known file is left out of every count, so counts before 2020 can be low. Some current zones are also missing from the NWS files, so recent counts can be low too.

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
 NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
 FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

State-declared emergencies are not in federal data. Add them from your state emergency management agency.

Tribal and special-area declarations in this state are listed on the state page.

Supports B1-e: probability

Probability: FEMA annualized frequency and descriptor per hazard

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Avalanche	0.01	events per year	about 1 in 100 years	Possible	FEMA annualized frequency (modeled)	0	1994 to 2023 (30 years)	see B1-f	0.01 is NRI's minimum avalanche frequency for a county in an avalanche susceptibility zone; NRI records no avalanche here, so the descriptor reflects the floor, not local events.
Coastal Flooding	3.65	events per year at a location (modeled)	about 3.6 per year at a given location in the county	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	Descriptor from NRI: the rate at a location is 1 or more a year, so the county rate is at least that.
Cold Wave	0.134	event-days per year	about 0.134 days per year	Possible	event-days in 2 of 30 years, 1996 to 2025 (6.67%)	2.48	2005-11-12 to 2024-11-12 (19 years)	countywide	Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	17.9	event-days per year	about 17.9 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	770	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned
Earthquake	0.0163	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 1.63%			not shown	modeled	see B1-f	Descriptor not assigned: the NRI value is the chance at a location in the county, not how often the hazard affects the county, and Storm Events does not record earthquakes.
Hail	0.168	events per year	about 1 in 6 years	Likely	FEMA annualized frequency (modeled)	6.4 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	4.49	event-days per year	about 4.49 days per year	Likely	event-days in 6 of 30 years, 1996 to 2025 (20%)	71	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 4.49 heat wave event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 6 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together.
Hurricane		events per year					1851 to 2024 (Atlantic); 1949 to 2024 (Pacific)	see B1-f	Not Applicable in NRI for this county; no descriptor.

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Ice Storm	0.316	event-days per year	about 0.316 days per year	Likely	event-days in 8 of 30 years, 1996 to 2025 (26.7%)	21	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	0.857	event-days per year	about 0.857 days per year	Likely	event-days in 18 of 30 years, 1996 to 2025 (60%)	24	1996 to 2023 (28 years)	see B1-f	
Landslide	5.47	events per year (modeled)	about 5.47 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	7.54	days per year with a strike	about 7.54 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.0342	events per year	about 1 in 29 years	Possible	FEMA annualized frequency (modeled)	2	1986 to 2023 (38 years)	countywide	
Tornado	0.121	events per year	about 1 in 8 years	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Tsunami	0.145	annual probability at the most exposed location (used in place of a county value)	chance at the county's most exposed location in a year: 14.5%	Possible	Storm Events records in 1 of 30 years, 1996 to 2025 (3.33%)	not shown	modeled	see B1-f	Descriptor from Storm Events, not NRI: the NRI value is the chance at a location in the county, not how often the hazard affects the county.
Volcanic Activity	0.0116	annual probability	about 1 in 86 years	Possible	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Wildfire	0.000232	annual probability at a location	chance a given location in the county burns in a year: 0.0232%	Likely	Storm Events records in 13 of 30 years, 1996 to 2025 (43.3%)	not shown	modeled	see B1-f	Descriptor from Storm Events, not NRI: the NRI value is the chance at a location in the county, not how often the hazard affects the county.
Winter Weather	19.7	event-days per year	about 19.7 days per year	Highly likely	event-days in 30 of 30 years, 1996 to 2025 (100%)	366	2005-11-12 to 2024-11-12 (19 years)	countywide	

FEMA annualized frequency (modeled) comes from the National Risk Index v1.20 (December 2025). It is not recorded events divided by years, and what it measures depends on the hazard. For most hazards it estimates how often the hazard affects this county each year: it counts events or event-days (drought, heat wave, cold wave, winter weather, ice storm and inland flooding are in days per year; lightning is the number of days per year with a recorded cloud-to-ground strike, from the NOAA Storm Prediction Center daily lightning climatology); it may count events in the surrounding area (hail, strong wind, tornado, hurricane and ice storm use a 49 km grid and buffers) and is averaged over the county's area; and some hazards use a minimum value for places with no recorded event. Earthquake, wildfire and coastal flooding

are different: FEMA computes them for each census block and averages them over the county, so the value is the chance (for coastal flooding, the modeled number of floods per year) at a location in the county, which is lower than the chance that the hazard strikes somewhere in the county. Earthquake is the chance of at least minor-damage shaking (U.S. Geological Survey model); wildfire is the chance that a location burns in a large fire (U.S. Forest Service burn probability); coastal flooding comes from FEMA flood zones and NOAA high-tide flooding, so it can be above 1 where high-tide flooding is frequent. Tsunami is the value at the county's most exposed location, from recorded events and modeled return periods. For these four hazards the packet gives no "1 in N years" and takes the descriptor from Storm Events (none for earthquake) unless the value is 1 or more a year. Landslide is a U.S. Geological Survey modeled county rate spread by slope susceptibility. Volcanic activity is the chance that a volcano affecting the county erupts in a year. Drought counts only extreme and exceptional drought (D3 and D4). Source: FEMA, National Risk Index Technical Documentation v1.20, sections 5.2.2 (Table 5), 5.2.3, 7.4, 10.4, 16.5, 17.1, 17.3.1, 17.5, 20.3.1, 21.4, 22.4 and 6 to 23.

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Descriptor scale used in this packet (defined per unit)

Unit	Descriptor	Definition
events per year	Highly likely	1 or more per year
events per year	Likely	about once in 1 to 10 years
events per year	Possible	about once in 10 to 100 years
events per year	Unlikely	less than once in 100 years
annual probability	Likely	10% to under 100% chance in a given year
annual probability	Possible	1% to under 10% chance in a given year
annual probability	Unlikely	under 1% chance in a given year
event-days (share of years)	Highly likely	event-days recorded in 90% or more of years
event-days (share of years)	Likely	event-days recorded in 10% to under 90% of years
event-days (share of years)	Possible	event-days recorded in some years but under 10% of years
lightning strike-days	Highly likely	cloud-to-ground strikes on 1 or more days per year

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Intensity bands: historical frequency (Storm Events)

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Hail	1.00-1.99 in	1996 to 2025	6	30	0.2
Hail	2.00 in+	1996 to 2025	0	30	0
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	8	30	0.267
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	1	30	0.0333
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	4	30	0.133
Tornado	EF0-1	1996 to 2025	3	30	0.1
Tornado	EF2-3	1996 to 2025	0	30	0
Tornado	EF4-5	1996 to 2025	0	30	0

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Tornado	unrated (EFU)	1996 to 2025	0	30	0

Hail smaller than 1 inch is not counted: on 2010-01-05 the National Weather Service raised its severe-hail threshold from 3/4 inch to 1 inch, so smaller reports became less common after 2009 (NWS Service Change Notice 09-52). NRI hail frequency uses a 0.75 inch threshold.

SOURCE

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Optional: future conditions. Not a required item in the 2025 FEMA Local Mitigation Planning Policy Guide; some states ask for it. The federal Climate Mapping for Resilience and Adaptation (CMRA) site gives county exposure to future climate conditions.

Supports B1-f: variation across the planning area

Range of census tract risk within the county

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Avalanche	20 of 92	30.1	36.9	41.4	Very Low 20, Not Applicable 72	
Coastal Flooding	6 of 92	80.3	93.1	95.6	Relatively Moderate 4, Relatively Low 2, No Rating 86	
Cold Wave	92 of 92	19.4	22.5	55.1	Relatively Moderate 1, Relatively Low 91	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Drought	33 of 92	66.8	68.6	76.5	Very Low 33, No Rating 59	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. Agriculture is all of NRI's expected annual loss for this hazard in the county, so the tract range above mostly reflects where crop and livestock value is, not where buildings and people are. Confirm locally.
Earthquake	92 of 92	76.8	89.0	99.5	Very High 9, Relatively High 39, Relatively Moderate 43, Relatively Low 1	
Hail	92 of 92	7.3	21.4	60.0	Relatively Low 3, Very Low 89	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Heat Wave	92 of 92	4.7	61.1	86.0	Relatively High 1, Relatively Moderate 56, Relatively Low 31, Very Low 4	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Hurricane	0 of 92				Not Applicable 92	
Ice Storm	92 of 92	2.6	54.1	80.0	Relatively Moderate 2, Relatively Low 85, Very Low 5	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Inland Flooding	92 of 92	17.4	77.6	99.8	Very High 15, Relatively High 31, Relatively Moderate 31, Relatively Low 15	
Landslide	90 of 92	9.1	21.9	97.9	Relatively Moderate 6, Relatively Low 10, Very Low 74, No Rating 2	

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Lightning	92 of 92	24.1	48.7	79.7	Relatively High 1, Relatively Moderate 44, Relatively Low 47	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Strong Wind	92 of 92	14.0	27.4	62.3	Relatively Moderate 2, Relatively Low 79, Very Low 11	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Tornado	92 of 92	2.4	5.8	24.6	Very Low 92	
Tsunami	6 of 92	37.7	64.9	75.2	Relatively Low 4, Very Low 2, Not Applicable 86	
Volcanic Activity	50 of 92	40.1	69.8	99.1	Relatively Moderate 5, Relatively Low 1, Very Low 44, No Rating 42	
Wildfire	82 of 92	19.8	45.0	91.4	Relatively Moderate 2, Relatively Low 16, Very Low 64, No Rating 10	
Winter Weather	92 of 92	32.2	51.2	95.2	Relatively High 2, Relatively Moderate 59, Relatively Low 31	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.

Rated tracts only: No Rating (score 0.0), Not Applicable and Insufficient Data tracts are counted but not used for the minimum, median and maximum.

SOURCE

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)

Per-member block (Starter, confirm locally)

Member	Type	Plan status	Repetitive loss	Public Assistance matched	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat- flood, any definition</i>			
Lane County	County	Approved, expires 2028-10-16	FMA RL 1, SRL 3; any 31	none found	0; 0	
Coburg city	City	Approved, expires 2028-10-16	FMA RL 0, SRL 0; any 1	\$41,682.29	1; 0	
Cottage Grove city	City	Approved, expires 2029-04-22	FMA RL 0, SRL 0; any 0	\$3,182,030.56	2; 0	
Creswell city	City	Approved, expires 2028-10-16	FMA RL 0, SRL 0; any 0	\$203,635.13	2; 0	
Dunes City city	City	Approved, expires 2028-10-16	FMA RL 0, SRL 0; any 0	\$19,555.43	0; 0	
Eugene city	City	Approved, expires 2028-10-16	FMA RL 0, SRL 0; any 0	\$5,544,278.47	7; 1	Includes \$1,666,724.76 for declarations not counted as hazard incidents (DR-4499-OR).
Florence city	City	Approved, expires 2028-10-16	FMA RL 0, SRL 0; any 0	\$76,938.40	0; 0	Includes \$28,363.73 for declarations not counted as hazard incidents (DR-4499-OR).

Member	Type	Plan status	Repetitive loss	Public Assistance matched	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>federal share obligated, nominal dollars</i>	<i>all years; since the member's plan</i>	
Lowell city	City	Approved, expires 2028-10-16	FMA RL 0, SRL 0; any 0	\$48,369.62	1; 0	
Oakridge city	City	Approved, expires 2028-10-16	FMA RL 0, SRL 0; any 0	\$98,285.14	8; 0	Includes \$31,736.84 for declarations not counted as hazard incidents (DR-4499-OR).
Springfield city	City	Approved, expires 2028-10-16	FMA RL 0, SRL 0; any 1	\$789,256.80	8; 0	
Veneta city	City	Approved, expires 2028-10-16	FMA RL 0, SRL 0; any 0	\$8,203.13	1; 0	
Westfir city	City	Approved, expires 2028-10-16	FMA RL 0, SRL 0; any 0	none found	2; 0	

Member rows are whole NFIP communities and need not add up to the county total: a community that extends into another county is counted in full on each member row, while the county table counts only its part in this county.

School districts and special districts get a plan clock row only.

SOURCES

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Supports B2-a and B2-b: assets and impacts

Local data required

County-level starter. The plan must describe impacts for each participant and its own assets.

- Critical facilities and lifelines per hazard
 - A problem statement per participant per hazard
- Changes in development in hazard-prone areas since the last approval, or a statement of none (E1-a)
 - Future assets

County-level starter: exposure, expected annual loss and damage since the plan

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture	EAL population equivalence	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
					<i>modeled dollars per year</i>	<i>statistical value of life and injury, \$13.7M per life, not property damage</i>		2023-10-17 <i>county-coded records, property plus crops, nominal dollars</i>			
Avalanche	\$3,094,824		1	\$3		\$479	0.000105%				

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2023-10-17 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Coastal Flooding	\$12,524,209,451		43,819	\$274,463		\$13,950	0.00219%				
Cold Wave	\$91,916,816,727	\$203,955,218	382,865	\$2,237	\$6,492	\$726,706	under 0.0001%		\$0		
Drought		\$81,863,220			\$1,347		0.00164% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$159,997,365,132		382,971	\$59,850,181		\$35,271,380	0.0374%				
Hail	\$91,916,816,727	\$203,955,218	382,865	\$102,668	\$2,246	\$13,955	0.000112%	\$0			
Heat Wave	\$91,916,816,727	\$203,955,218	382,865	\$2,155	\$37,449	\$4,594,750	under 0.0001%				
Hurricane											Not Applicable in NRI for this county
Ice Storm	\$91,884,637,266		382,713	\$113,708		\$391,694	0.000124%		\$34,400,000		
Inland Flooding	\$91,809,271,090	\$82,076,959	23,906	\$116,714,463	\$183,307	\$98,464	n/a (see note)	\$35,000		\$582,547.35	NRI counts the full building value of any census block with some flood loss; this is not the value of buildings in the floodplain. Use local FIRM overlays for B2-a/ B2-b. EAL as % of exposure: n/a.
Landslide	\$3,737,750,451		13,877	\$9,155		\$35,653	0.000245%	\$2,000		\$26,093,378.83	
Lightning	\$91,916,816,727		382,865	\$48,031		\$955,585	under 0.0001%				
Strong Wind	\$91,916,816,727	\$203,955,218	382,865	\$577,112	\$26	\$72,811	0.000628%	\$4,000	\$5,000	\$26,093,378.83	Storm Events damage since the plan includes 1 zone-level Strong Wind record (\$5,000), an event type the NRI definition of this hazard leaves out.
Tornado	\$91,916,816,727	\$203,955,218	382,865	\$154,272	\$147	\$94,076	0.000168%				
Tsunami	\$2,510,166,189		1,739	\$175,301		\$64,920	0.00698%				
Volcanic Activity	\$91,916,816,727		382,865	\$61,728		\$134,922	under 0.0001%				
Wildfire	\$4,471,367,831	\$18,230,008	21,499	\$145,351	\$7	\$9,758	0.00325%				
Winter Weather	\$91,916,816,727	\$203,955,218	382,865	\$1,372	\$1,800	\$309,560	under 0.0001%		\$0	\$26,093,378.83	

Totals since 2023-10-17 (Storm Events through 2026-06-30): 12 county-coded records, 12 with a damage value recorded (including \$0), \$41,000; 34 zone-level records, 34 with a damage value recorded (including \$0), \$34,405,000 reported for the zone; Public Assistance on counted declarations \$26,093,378.83 (2 declarations, 2 with PA).

Total = buildings + agriculture + population equivalence; FEMA values each expected death (or 10 injuries) at \$13.7 million (2024 dollars).

FEMA does not split Public Assistance by hazard. A declaration mapped to several hazards is listed under each of them with its full amount, so the per-hazard column must not be added up; the unit total counts each declaration once.

Dollars are nominal (as reported), labeled with the year; not adjusted for inflation.

SOURCES

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Supports B2-a: context

County context

Measure	Value
Population	382,865
Building value (total, not at risk)	\$91,916,816,727
Agriculture value (total, not at risk)	\$203,955,218
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$178,465,019
Expected annual loss, population equivalence, all hazards (NRI values each statistical life at \$13.7M; a modeled value of expected deaths and injuries, not property damage)	\$42,788,664
Social vulnerability rating	Relatively Moderate
Community resilience rating	Relatively High
NRI version	December 2025

FEMA's all-hazard expected annual loss total adds buildings, agriculture and population equivalence; the two parts are shown separately so the property figure is not read as including the statistical value of life.

SOURCE

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)

Supports B2-c: repetitive loss

Repetitive loss in this county, both definitions

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	1	Severe repetitive loss, FMA definition (44 CFR 77.2)	3
Repetitive loss, NFIP insurance definition	32	Severe repetitive loss, NFIP insurance definition	1

Your state NFIP coordinator's list may use the NFIP insurance definition, so its counts can be higher.

SOURCESFEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)**Repeat-flood properties: county and state-level rows**

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
County total	1	3	32	1	33	1	15
COBURG, CITY OF	0	0	1	0	1	0	0
LANE COUNTY*	1	3	30	1	31	1	15
SPRINGFIELD, CITY OF	0	0	1	0	1	0	0
State level, not in this county: county not reported	0	0	1	0	1	0	0

SOURCESFEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)**Repeat-flood properties by plan member (NFIP community)**

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Lane County	415591	1	3	30	1	31	1	15	
Coburg city	410119	0	0	1	0	1	0	0	
Cottage Grove city	410120	0	0	0	0	0	0	0	
Creswell city	410121	0	0	0	0	0	0	0	
Dunes City city	410262	0	0	0	0	0	0	0	
Eugene city	410122	0	0	0	0	0	0	0	
Florence city	410123	0	0	0	0	0	0	0	
Lowell city	410125	0	0	0	0	0	0	0	
Oakridge city	410126	0	0	0	0	0	0	0	
Springfield city	415592	0	0	1	0	1	0	0	
Veneta city	410128	0	0	0	0	0	0	0	
Westfir city	410289	0	0	0	0	0	0	0	

Per-member types: XLSX sheet 'B2-c Members'.

Member rows are whole NFIP communities and need not add up to the county total: a community that extends into another county is counted in full on each member row, while the county table counts only its part in this county.

SOURCESFEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

County repeat-flood properties by occupancy group

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	1	2	29	1	29	0	15
2 to 4 unit residential	0	1	1	0	2	1	0
other residential	0	0	0	0	0	0	0
non-residential	0	0	2	0	2	0	0
not reported	0	0	0	0	0	0	0

Institutional properties cannot be separated in this data: FEMA's occupancy groups have no institutional class, so they fall in non-residential or other residential in the table by occupancy group.

SOURCES

FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

FMA RL and FMA SRL are the Flood Mitigation Assistance definitions (44 CFR 77.2), the ones the FEMA Local Mitigation Planning Policy Guide cites; OpenFEMA's fmaRI field description omits the Increased Cost of Compliance clause of 44 CFR 77.2(i). NFIP repetitive loss (FEMA insurance definition, nfipRI) is 2 or more claims over \$1,000 in 10 years and can drop to false when a property is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured.

Your state NFIP coordinator's list may use the NFIP insurance definition, so its counts can be higher.

Counts are aggregates of FEMA's public NFIP Multiple Loss Properties file (as of 2026-08-02). No property is identified. County assignment is FEMA's geocode.

Counts may differ from your state NFIP coordinator's list, which is the source the Handbook names.

In this county 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 31 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

Every table above lists its own sources. The full list, for the plan's bibliography (FEMA review item A4-a):

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-28, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_cousubs_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_place_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_unsd_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_elsd_national.zip, <https://www2.census.gov/geo/docs/maps-data/data/>

gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip, https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx

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Cite this: Hazard Plain (2026). Lane County, OR: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-28; County area 41039). Preview: automated baseline. Built from FEMA OpenFEMA, the FEMA National Risk Index and NOAA NCEI Storm Events; source versions in the packet's Sources list.

Corrections: to report an error, name the packet, the table and what your records show. Contact: to be added

Hazard Plain release 2026-10. As of 2026-09-28; Storm Events data through 2026-06-30. File hazard-plain_2026-10_OR_41039. Preview: automated baseline.