

Outagamie County, WI

Risk-assessment baseline packet

Unit **County area 55087** 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 2029-09-23	Plan	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)
Approved	2024-09-24	Expires	2029-09-23
As of	2026-09-28	Days	1,091 days to expiry

What changed since your last plan (approved 2024-09-24)

New federal declarations	DR-4923-WI (1 declaration row; 1 counted incident)	Storm Events records since approval	22 (data through 2026-06-30)
Repetitive loss now	FMA RL 0, SRL 1 (44 CFR 77.2); any definition: 3	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: 33 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
Outagamie County	County	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		
Appleton city	City	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		Also approved under plan 102339 (Calumet County, expires 2027-06-16); plan 108189 (Winnebago County, expires 2027-05-08). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last. member approved 2025-04-14
Bear Creek village	Village	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Black Creek village	Village	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Combined Locks village	Village	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Dale CDP	Unincorporated	Plan 110142 approved 2024-09-24, pending adoption here; not yet eligible	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142), pending adoption here	2024-09-24 by FEMA; not yet adopted here	2029-09-23 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Hortonville village	Village	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Howard village	Village	Plan 112031 approved 2026-07-01, pending adoption here; not yet eligible	Brown County 2026 Hazard Mitigation Plan (FEMA plan 112031), pending adoption here	2026-07-01 by FEMA; not yet adopted here	2031-06-30 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Kaukauna city	City	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Kimberly village	Village	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Little Chute village	Village	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
New London city	City	Expired on 2026-09-26	Waupaca County (FEMA plan 107309)	2021-09-27	2026-09-26	-2	FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan. FEMA status not yet updated
Nichols village	Village	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Seymour city	City	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Shiocton village	Village	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Wrightstown village	Village	Plan 112031 approved 2026-07-01, pending adoption here; not yet eligible	Brown County 2026 Hazard Mitigation Plan (FEMA plan 112031), pending adoption here	2026-07-01 by FEMA; not yet adopted here	2031-06-30 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Bovina town	Town	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Buchanan town	Town	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Center town	Town	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Cicero town	Town	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Dale town	Town	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Deer Creek town	Town	Plan 110142 approved 2024-09-24, pending adoption here; not yet eligible	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142), pending adoption here	2024-09-24 by FEMA; not yet adopted here	2029-09-23 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Ellington town	Town	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Grand Chute town	Town	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Kaukauna town	Town	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Liberty town	Town	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Maine town	Town	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Maple Creek town	Town	Plan 110142 approved 2024-09-24, pending adoption here; not yet eligible	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142), pending adoption here	2024-09-24 by FEMA; not yet adopted here	2029-09-23 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Oneida town	Town	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Osborn town	Town	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Seymour town	Town	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Vandenbroek town	Town	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14
Greenville village	Village	Approved, expires 2029-09-23	Outagamie County Hazard Mitigation Plan 2024 (FEMA plan 110142)	2024-09-24	2029-09-23	1,091		member approved 2025-04-14

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 <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
1	Inland Flooding	Relatively Moderate	Relatively Moderate	\$24,465,542	\$211,136	\$3,913	\$24,680,591	21		

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
2	Cold Wave	Relatively High	Very High	\$169	\$276	\$17,851,685	\$17,852,130	18		Includes 1 Frost/Freeze record, event types the NRI definition of this hazard leaves out.
3	Tornado	Relatively Moderate	Relatively High	\$3,554,325	\$6,931	\$4,638,163	\$8,199,420	22		
4	Hail	Relatively Moderate	Relatively High	\$2,785,125	\$98,618	\$348,776	\$3,232,519	162		
5	Lightning	Relatively High	Relatively High	\$121,580		\$1,642,914	\$1,764,494	8		
6	Strong Wind	Relatively Moderate	Relatively Moderate	\$807,822	\$25,990	\$536,930	\$1,370,743	196		Includes 12 High Wind records and 17 Strong Wind records, event types the NRI definition of this hazard leaves out.
7	Heat Wave	Relatively Low	Relatively Low	\$126	\$2	\$1,357,421	\$1,357,548	8		
8	Winter Weather	Relatively Moderate	Relatively High	\$13,050	\$2,750	\$254,514	\$270,314	86		
9	Ice Storm	Relatively Low	Relatively Moderate	\$146,499		\$42,420	\$188,919	4		
10	Earthquake	Very Low	Very Low	\$79,901		\$19,516	\$99,416			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
11	Wildfire	Very Low	Very Low	\$15,036	\$36	\$1,834	\$16,907	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.
12	Hurricane	Very Low	Very Low	\$4,970	\$2,284	under \$1	\$7,254	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
13	Landslide	Very Low	Very Low	\$201		\$528	\$729	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.
14	Drought	No Rating	No Expected Annual Losses		\$0		\$0	9		
	Avalanche	Not Applicable	Not Applicable					0	NRI rates avalanche Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30).

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
	Coastal Flooding	Not Applicable	Not Applicable					0	NRI rates coastal flooding Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Tsunami	Not Applicable	Not Applicable					0	NRI rates tsunami Not Applicable for this county, and no federal declaration for this county names it.	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.
	Volcanic Activity	Not Applicable	Not Applicable					0	NRI rates volcanic activity Not Applicable for this county, and no federal declaration for this county names it.	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.

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.	0 of 47
Coastal Flooding	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 47
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	47 of 47
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	0 of 47
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.	47 of 47
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	47 of 47
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	47 of 47
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.	47 of 47
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	47 of 47
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.	47 of 47
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.	46 of 47

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	47 of 47
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	47 of 47
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.	47 of 47
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.	0 of 47
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.	0 of 47
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.	38 of 47
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	47 of 47

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.
Coastal Flood, Storm Surge/ Tide	none in data (FIRM for depth)	0					Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	17, 1996 to 2026 (17 zone-level)	1 day to 7 days (median 2 days); 12 with a recorded value	7 consecutive days, 1996-01-30 to 1996-02-05, 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. Cold/Wind Chill records from May to September (a frost night, not a cold wave) are counted but not used for the longest run.
Frost/Freeze (outside NRI Cold Wave definition)	crop damage	1, 2000 to 2000 (1 zone-level)		No crop damage reported in 1 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	9, 1999 to 2023 (9 zone-level)	7 days to 87 days (median 22 days); 5 with a recorded value	87 days (about 2.9 months), 2023-07-01 to 2023-09-25, a run of 3 consecutive Storm Events drought records, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	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.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Earthquake	Modified Mercalli (local data)	0					No Storm Events record; local data required (e.g., USGS).
Hail	hail size (inches)	182, 1960 to 2026	0.75 in to 4.5 in (median 1 in); 182 with a recorded value	4.5 in hail, 2021-09-07	Hail, 2010-07-20, \$6,200,000 property; crops not reported (2010 dollars)	Event records naming member places: Appleton city (48 records), Hortonville village (13 records), Kaukauna city (7 records), Kaukauna town (7 records), Kimberly village (7 records), Little Chute village (7 records), Dale CDP (6 records), Dale town (6 records), Black Creek village (5 records), New London city (5 records); and 6 more member places (see the XLSX file).	
Excessive Heat, Heat	heat index (narratives)	8, 1998 to 2026 (8 zone-level)	1 day to 9 days (median 2.5 days); 6 with a recorded value	9 consecutive days, 1999-07-23 to 1999-07-31, 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. Heat records from November to March (unseasonable warmth, not a heat wave) are counted but not used for the longest run.
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.
Ice Storm	Sperry-Piltz (local data)	4, 1996 to 2026 (4 zone-level)		No damage reported in 4 records.		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)	21, 1996 to 2026 (5 zone-level)		Flood, 1996-06-16, property not reported; \$27,000,000 crops, reported for the zone (1996 dollars); NWS zone WIZ038 (OUTAGAMIE), zone-level: may include parts of neighboring counties		Event records naming member places: Appleton city (7 records), Kimberly village (3 records), Kaukauna city (2 records), Kaukauna town (2 records), New London city (2 records), Black Creek village (1 record). Zone-level records (5) 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)	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
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	8, 1996 to 2020		Lightning, 2017-04-20, \$100,000 property; \$0 crops (2017 dollars)		Event records naming member places: Appleton city (1 record), Combined Locks village (1 record), Kaukauna city (1 record), Kaukauna town (1 record), Kimberly village (1 record), New London 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)	29, 1996 to 2021 (29 zone-level)	43 kt (49 mph) to 63 kt (72 mph) (median 52 kt (60 mph)); 13 with a recorded value	63 kt (72 mph), measurement type not recorded, High Wind, 1998-11-10; NWS zone WIZ038 (OUTAGAMIE), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	219, 1959 to 2026	50 kt (58 mph) to 76 kt (87 mph) (median 52 kt (60 mph)); 168 with a recorded value	76 kt (87 mph) measured gust, Thunderstorm Wind, 2013-08-06	Thunderstorm Wind, 2011-09-02, \$5,300,000 property; \$0 crops (2011 dollars)	Event records naming member places: Appleton city (46 records), Hortonville village (12 records), Kimberly village (12 records), Shiocton village (9 records), Little Chute village (8 records), Black Creek village (7 records), Kaukauna city (6 records), Kaukauna town (6 records), New London city (4 records), Nichols village (3 records); and 7 more member places (see the XLSX file).	
Tornado	Enhanced Fujita (F before Feb 2007)	34, 1959 to 2024	F/EF0 to F/EF4 (median F/EF1); 33 with a recorded value	F4 tornado, 1984-04-27, 15.5 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 60 yd wide, \$2,500,000 property; crops not recorded (1984 dollars), 9 direct injuries	Tornado, 2013-08-06, \$10,000,000 property; \$0 crops (2013 dollars)	Event records naming member places: Little Chute village (6 records), Hortonville village (3 records), Kaukauna city (3 records), Kaukauna town (3 records), New London city (3 records), Bear Creek village (1 record), Black Creek village (1 record), Dale CDP (1 record), Dale town (1 record), Nichols village (1 record); and 3 more member places (see the XLSX file).	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)	0					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.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Wildfire	acres burned (local data)	0					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)	86, 1996 to 2026 (86 zone-level)		Winter Storm, 2018-04-13, \$250,000 property; \$0 crops, reported for the zone (2018 dollars); NWS zone WIZ038 (OUTAGAMIE), 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.

Where a hazard names more than 10 member places, the table lists the 10 with the most records; every place is in the XLSX file, sheet "B1-c Extent".

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 11 Counted incidents 8

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
2026-06-30	2026-04-13	DR-4923-WI	Major disaster	SEVERE STORMS, TORNADOES, AND FLOODING	Inland Flooding (primary); also designated: Tornado	\$244,970.35	new since last plan; within last 5 years	
2020-04-04	2020-01-20	DR-4520-WI	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$3,576,872.43		
2020-03-13	2020-01-20	EM-3454-WI	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4520
2019-08-27	2019-07-18	DR-4459-WI	Major disaster	SEVERE STORMS, TORNADOES, STRAIGHT-LINE WINDS, AND FLOODING	Inland Flooding (primary); also designated: Strong Wind, Tornado	\$1,791,364.69		
2005-09-13	2005-08-29	EM-3249-WI	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	none found		
2004-06-18	2004-05-07	DR-1526-WI	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	PA not declared for this county		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
2001-05-11	2001-04-10	DR-1369-WI	Major disaster	FLOODING, SEVERE STORMS AND TORNADOES	Inland Flooding (primary); also designated: Tornado, Winter Weather	\$413,841.46		
1993-07-02	1993-06-07	DR-994-WI	Major disaster	SEVERE STORMS, TORNADOES & FLOODING	Inland Flooding; Tornado	none found		
1990-07-13	1990-06-22	DR-874-WI	Major disaster	SEVERE STORMS, TORNADOES & FLOODING	Inland Flooding; Tornado	none found		
1976-06-17	1976-06-17	EM-3014-WI	Emergency	DROUGHT	Drought	none found		
1973-04-27	1973-04-27	DR-376-WI	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		

School districts and special districts in this county: \$95,234.42 (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)

Public Assistance not placed in a county in this state: 1 row, \$87,788.41

Disaster number	Declared	Applicant	County field in FEMA data	PA obligated	Why not placed
				<i>federal share obligated, nominal dollars</i>	
4383	2018-08-10	Merit Network, Inc.	Washtenaw County	\$87,788.41	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	Since plan approval	During plan review	Last 5 years	Declared incidents	Declared since approval	Period	Statement
	<i>full period</i>	<i>records</i>	<i>records</i>	<i>records</i>	<i>distinct incidents</i>	<i>distinct incidents</i>		
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	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	18	2	0	3	0	0	1996 to 2026-06-30	Includes 1 Frost/Freeze record, event types the NRI definition of this hazard leaves out.

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
Drought	9	0	1	4	1	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		No Storm Events record; local data required (e.g., USGS).
Hail	182	2	1	16	0	0	1955 to 2026-06-30	
Heat Wave	8	2	0	3	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	4	1	0	1	0	0	1996 to 2026-06-30	
Inland Flooding	21	1	2	3	7	1	1996 to 2026-06-30	
Landslide	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	8	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	248	10	6	28	1	0	1955 to 2026-06-30	Includes 12 High Wind records and 17 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	34	0	1	3	5	1	1950 to 2026-06-30	
Tsunami	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
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	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	86	4	3	13	1	0	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
2023-07-01	Drought		\$0 property; crops not reported, reported for the zone (2023 dollars)	0, 0	NWS zone WIZ038 (OUTAGAMIE), zone-level: may include parts of neighboring counties	within last 5 years	B1-c worst recorded: Drought

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2021-09-07	Hail	4.5 in	\$0 property; \$0 crops (2021 dollars)	0, 0	APPLECREEK		B1-c worst recorded: Hail
2020-02-09	Heavy Snow		\$30,000 property; \$0 crops, reported for the zone (2020 dollars)	1, 1	NWS zone WIZ038 (OUTAGAMIE), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2018-04-13	Winter Storm		\$250,000 property; \$0 crops, reported for the zone (2018 dollars)	0, 0	NWS zone WIZ038 (OUTAGAMIE), zone-level: may include parts of neighboring counties		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2017-04-20	Lightning		\$100,000 property; \$0 crops (2017 dollars)	0, 0	STEPHENSVILLE		B1-c worst recorded: Lightning
2013-08-06	Thunderstorm Wind	76 kt (87 mph) measured gust	\$0 property; \$0 crops (2013 dollars)	0, 0	HORTONVILLE		B1-c worst recorded: Thunderstorm Wind
1999-07-23	Heat		damage not reported	0, 0	NWS zone WIZ038 (OUTAGAMIE), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat
1998-11-10	High Wind	63 kt (72 mph), measurement type not recorded	\$50,000 property; crops not reported, reported for the zone (1998 dollars)	0, 0	NWS zone WIZ038 (OUTAGAMIE), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
1996-06-16	Flood		property not reported; \$27,000,000 crops, reported for the zone (1996 dollars)	0, 0	NWS zone WIZ038 (OUTAGAMIE), zone-level: may include parts of neighboring counties		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
1996-01-30	Cold/Wind Chill		damage not reported	0, 0	NWS zone WIZ038 (OUTAGAMIE), zone-level: may include parts of neighboring counties		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
1989-05-24	Thunderstorm Wind	speed not recorded	damage not recorded (pre-1996 record)	1, 5	location not recorded		deaths or injuries recorded
1984-04-27	Tornado	F4, 15.5 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 60 yd wide	\$2,500,000 property; crops not recorded (1984 dollars)	0, 9	location not recorded		deaths or injuries recorded

The full list is in the XLSX file, sheet "B1-d Storm Events history" (618 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)

1 Fire Management declaration (1980-04-24 to 1980-04-24) FEMA filed as Statewide with no county; each names one local fire. Listed on the state page.

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		events per year					1994 to 2023 (30 years)	see B1-f	Not Applicable in NRI for this county; no descriptor.
Coastal Flooding		events per year at a location (modeled)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Cold Wave	5.74	event-days per year	about 5.74 days per year	Likely	event-days in 11 of 30 years, 1996 to 2025 (36.7%)	109	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 5.74 cold 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 11 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. Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	0	event-days per year	none modeled	Likely	event-days in 4 of 30 years, 1996 to 2025 (13.3%)	0	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	NRI models no drought event-days here (2000 to 2025, 25.25 years; D3 and D4 only), but Storm Events has a record in 4 of 30 years. The descriptor comes from Storm Events, which records events NRI's definition leaves out, so the two use different thresholds; read them together.
Earthquake	0.000393	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 0.0393%			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	2.24	events per year	about 2.24 per year	Highly likely	FEMA annualized frequency (modeled)	85.1 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	1.53	event-days per year	about 1.53 days per year	Likely	event-days in 5 of 30 years, 1996 to 2025 (16.7%)	22	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 1.53 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 5 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.

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
Hurricane	0.00916	events per year	about 1 in 109 years	Unlikely	FEMA annualized frequency (modeled)	0	1851 to 2024 (Atlantic)	see B1-f	NRI counts hurricane and tropical storm tracks passing within storm-force wind range; federal declarations are counted separately in B1-d and need not match.
Ice Storm	0.23	event-days per year	about 0.23 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	16	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	0.643	event-days per year	about 0.643 days per year	Likely	event-days in 12 of 30 years, 1996 to 2025 (40%)	18	1996 to 2023 (28 years)	see B1-f	
Landslide	0.0764	events per year (modeled)	about 1 in 13 years	Possible	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	31.7	days per year with a strike	about 31.7 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	2.39	events per year	about 2.39 per year	Highly likely	FEMA annualized frequency (modeled)	91	1986 to 2023 (38 years)	countywide	
Tornado	0.306	events per year	about 1 in 3 years	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Tsunami		annual probability at the most exposed location (used in place of a county value)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Volcanic Activity		annual probability				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Wildfire	0.0000745	annual probability at a location	chance a given location in the county burns in a year: 0.00745%		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No Storm Events record of this hazard, 1996 to 2025; descriptor not assigned (the NRI value is the chance at a location in the county, not how often the hazard affects the county)
Winter Weather	15.4	event-days per year	about 15.4 days per year	Highly likely	event-days in 29 of 30 years, 1996 to 2025 (96.7%)	293	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	86	30	2.87
Hail	2.00 in+	1996 to 2025	22	30	0.733
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	144	30	4.8
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	16	30	0.533
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	6	30	0.2

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Tornado	EF0-1	1996 to 2025	21	30	0.7
Tornado	EF2-3	1996 to 2025	1	30	0.0333
Tornado	EF4-5	1996 to 2025	0	30	0
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	0 of 47				Not Applicable 47	
Coastal Flooding	0 of 47				Not Applicable 47	
Cold Wave	47 of 47	68.2	89.1	97.4	Very High 3, Relatively High 38, Relatively Moderate 6	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	0 of 47				No Rating 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.
Earthquake	47 of 47	2.7	7.9	24.9	Very Low 47	
Hail	47 of 47	61.5	83.8	93.8	Relatively High 8, Relatively Moderate 35, Relatively 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.
Heat Wave	47 of 47	9.9	31.6	59.9	Relatively Moderate 2, Relatively Low 39, Very Low 6	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	47 of 47	13.8	19.6	27.6	Very Low 47	
Ice Storm	47 of 47	10.8	38.6	64.7	Relatively Low 30, Very Low 17	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	47 of 47	2.2	23.4	82.6	Relatively High 2, Relatively Moderate 7, Relatively Low 22, Very Low 16	
Landslide	46 of 47	9.6	41.0	79.9	Very Low 46, No Rating 1	
Lightning	47 of 47	45.6	79.3	95.5	Relatively High 26, Relatively Moderate 20, Relatively Low 1	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.

Hazard	Tracts rated of all	Risk score min NRI score, 0 to 100	Median	Max	Tracts by rating	Note
Strong Wind	47 of 47	26.7	59.7	79.4	Relatively Moderate 29, Relatively Low 18	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	47 of 47	42.4	66.6	86.1	Relatively High 6, Relatively Moderate 36, Relatively Low 5	
Tsunami	0 of 47				Not Applicable 47	
Volcanic Activity	0 of 47				Not Applicable 47	
Wildfire	38 of 47	19.9	38.4	73.6	Relatively Low 3, Very Low 35, No Rating 9	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.
Winter Weather	47 of 47	39.1	63.0	82.1	Relatively High 2, Relatively Moderate 39, Relatively Low 6	

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 <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Outagamie County	County	Approved, expires 2029-09-23	FMA RL 0, SRL 0; any 1	\$204,429.66	0; 0	
Appleton city	City	Approved, expires 2029-09-23	FMA RL 0, SRL 1; any 1	\$1,067,829.94	102; 3	Also approved under plan 102339 (Calumet County, expires 2027-06-16); plan 108189 (Winnebago County, expires 2027-05-08). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last.
Bear Creek village	Village	Approved, expires 2029-09-23	FMA RL 0, SRL 0; any 0	none found	4; 1	
Black Creek village	Village	Approved, expires 2029-09-23	FMA RL 0, SRL 0; any 0	none found	14; 1	
Combined Locks village	Village	Approved, expires 2029-09-23	FMA RL 0, SRL 0; any 0	\$134,307.85	4; 0	
Dale CDP	Unincorporated	Plan 110142 approved 2024-09-24, pending adoption here; not yet eligible		none found	8; no approved plan	No NFIP community ID on this member's plan row.
Hortonville village	Village	Approved, expires 2029-09-23	FMA RL 0, SRL 0; any 0	\$15,287.56	28; 1	

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Howard village	Village	Plan 112031 approved 2026-07-01, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	none found	0; no approved plan	Whole community, including the part in Brown County; none of its repeat-flood properties are in this county.
Kaukauna city	City	Approved, expires 2029-09-23	FMA RL 0, SRL 0; any 1	\$117,478.55	19; 0	
Kimberly village	Village	Approved, expires 2029-09-23	FMA RL 0, SRL 0; any 0	none found	23; 0	
Little Chute village	Village	Approved, expires 2029-09-23	FMA RL 0, SRL 0; any 0	\$96,013.30	21; 0	
New London city	City	Expired on 2026-09-26	FMA RL 0, SRL 0; any 1	none found	15; 1	Whole community, including the part in Waupaca County; none of its repeat-flood properties are in this county.
Nichols village	Village	Approved, expires 2029-09-23	FMA RL 0, SRL 0; any 0	\$11,361.62	4; 0	
Seymour city	City	Approved, expires 2029-09-23	FMA RL 0, SRL 0; any 0	none found	5; 1	
Shiocton village	Village	Approved, expires 2029-09-23	FMA RL 0, SRL 0; any 0	\$99,869.71	15; 1	
Wrightstown village	Village	Plan 112031 approved 2026-07-01, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	none found	0; no approved plan	
Bovina town	Town	Approved, expires 2029-09-23		\$16,698.43	0; 0	No NFIP community ID on this member's plan row.
Buchanan town	Town	Approved, expires 2029-09-23		\$25,299.07	0; 0	No NFIP community ID on this member's plan row.
Center town	Town	Approved, expires 2029-09-23		none found	0; 0	No NFIP community ID on this member's plan row.
Cicero town	Town	Approved, expires 2029-09-23		none found	2; 0	No NFIP community ID on this member's plan row.
Dale town	Town	Approved, expires 2029-09-23		\$4,328.83	8; 1	No NFIP community ID on this member's plan row.
Deer Creek town	Town	Plan 110142 approved 2024-09-24, pending adoption here; not yet eligible		\$10,815.23	0; no approved plan	No NFIP community ID on this member's plan row.
Ellington town	Town	Approved, expires 2029-09-23		\$57,349.17	0; 0	No NFIP community ID on this member's plan row.
Grand Chute town	Town	Approved, expires 2029-09-23		\$134,303.14	0; 0	No NFIP community ID on this member's plan row.

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>	
Kaukauna town	Town	Approved, expires 2029-09-23		none found	19; 0	No NFIP community ID on this member's plan row.
Liberty town	Town	Approved, expires 2029-09-23		none found	0; 0	No NFIP community ID on this member's plan row.
Maine town	Town	Approved, expires 2029-09-23		none found	0; 0	No NFIP community ID on this member's plan row.
Maple Creek town	Town	Plan 110142 approved 2024-09-24, pending adoption here; not yet eligible		none found	0; no approved plan	No NFIP community ID on this member's plan row.
Oneida town	Town	Approved, expires 2029-09-23		\$11,185.20	1; 0	No NFIP community ID on this member's plan row.
Osborn town	Town	Approved, expires 2029-09-23		none found	0; 0	No NFIP community ID on this member's plan row.
Seymour town	Town	Approved, expires 2029-09-23		none found	5; 1	No NFIP community ID on this member's plan row.
Vandenbroek town	Town	Approved, expires 2029-09-23		none found	0; 0	No NFIP community ID on this member's plan row.

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 <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 2024-09-24 <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
Avalanche											Not Applicable in NRI for this county
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$52,256,711,575	\$339,614,307	190,651	\$169	\$276	\$17,851,685	under 0.0001%		\$0		
Drought		\$0			\$0						agriculture exposure is 0 in NRI
Earthquake	\$88,415,848,092		190,705	\$79,901		\$19,516	under 0.0001%				
Hail	\$52,256,711,575	\$339,614,307	190,651	\$2,785,125	\$98,618	\$348,776	0.00533%	\$0			
Heat Wave	\$52,256,711,575	\$339,614,307	190,651	\$126	\$2	\$1,357,421	under 0.0001%		\$0		
Hurricane	\$52,256,711,575	\$339,614,307	190,651	\$4,970	\$2,284	under \$1	under 0.0001%				
Ice Storm	\$52,093,977,405		190,315	\$146,499		\$42,420	0.000281%		\$0		
Inland Flooding	\$52,219,494,733	\$18,912,719	1,944	\$24,465,542	\$211,136	\$3,913	n/a (see note)	\$4,600,000		\$244,970.35	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	\$166,944,070		664	\$201		\$528	0.00012%				
Lightning	\$52,256,711,575		190,651	\$121,580		\$1,642,914	0.000233%				
Strong Wind	\$52,256,711,575	\$339,614,307	190,651	\$807,822	\$25,990	\$536,930	0.00155%	\$0			
Tornado	\$52,256,711,575	\$339,614,307	190,651	\$3,554,325	\$6,931	\$4,638,163	0.0068%			\$244,970.35	
Tsunami											Not Applicable in NRI for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$3,770,731,055	\$48,700,055	16,271	\$15,036	\$36	\$1,834	0.000399%				
Winter Weather	\$52,256,711,575	\$339,614,307	190,651	\$13,050	\$2,750	\$254,514	under 0.0001%		\$6,100		

Totals since 2024-09-24 (Storm Events through 2026-06-30): 13 county-coded records, 13 with a damage value recorded (including \$0), \$4,600,000; 9 zone-level records, 9 with a damage value recorded (including \$0), \$6,100 reported for the zone; Public Assistance on counted declarations \$244,970.35 (1 declaration, 1 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	190,651
Building value (total, not at risk)	\$52,256,711,575
Agriculture value (total, not at risk)	\$339,614,307
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$32,342,369
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)	\$26,698,614
Social vulnerability rating	Very Low
Community resilience rating	Very 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)	0	Severe repetitive loss, FMA definition (44 CFR 77.2)	1
Repetitive loss, NFIP insurance definition	3	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.

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)

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	0	1	3	1	3	0	2
OUTAGAMIE COUNTY *	0	0	1	0	1	0	1
KAUKAUNA, CITY OF	0	0	1	0	1	0	0
APPLETON, CITY OF	0	1	1	1	1	0	1
State level, not in this county: county not reported	0	0	2	0	2	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
Outagamie County	550302	0	0	1	0	1	0	1	
Appleton city	555542	0	1	1	1	1	0	1	
Bear Creek village	550526	0	0	0	0	0	0	0	
Black Creek village	550584	0	0	0	0	0	0	0	
Combined Locks village	550304	0	0	0	0	0	0	0	
Hortonville village	550529	0	0	0	0	0	0	0	
Howard village	550023	0	0	1	0	1	0	0	Whole community, including the part in Brown County; none of its repeat-flood properties are in this county.
Kaukauna city	550305	0	0	1	0	1	0	0	
Kimberly village	550306	0	0	0	0	0	0	0	
Little Chute village	550307	0	0	0	0	0	0	0	
New London city	550308	0	0	1	0	1	0	1	Whole community, including the part in Waupaca County; none of its repeat-flood properties are in this county.
Nichols village	550467	0	0	0	0	0	0	0	
Seymour city	550534	0	0	0	0	0	0	0	
Shiocton village	550309	0	0	0	0	0	0	0	
Wrightstown village	550025	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	0	0	2	0	2	0	1
2 to 4 unit residential	0	0	0	0	0	0	0
other residential	0	0	0	0	0	0	0
non-residential	0	1	1	1	1	0	1
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 3 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_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_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_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_Gaz_elsd_national.zip)

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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_WI_55087. Preview: automated baseline.