

Rock County, WI

Risk-assessment baseline packet

County FIPS: 55105 Release: 2026-10 Data as of: 2026-09-30 Storm Events data through: 2026-06-30

Hazard Plain is an independent product built from public federal data. It is not a FEMA document and is not reviewed or endorsed by FEMA or any state agency.

Summary

Plan status as of 2026-09-30: Approved, expires 2028-04-19. Plan: Rock County (FEMA plan 109006), approved 2023-04-20.

Since the plan was approved on 2023-04-20: 1 new hazard declaration (1 incident) and 135 NOAA Storm Events records; details under "What changed since your last plan".

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$37,904,274 a year), Tornado (\$12,938,166) and Cold Wave (\$12,583,621).

The tables that follow are organized by the items of FEMA's Local Mitigation Plan Review Tool, Element B (B1-a to B2-c); each heading says which item its tables support.

TERMS USED

EAL: expected annual loss: FEMA's modeled average yearly loss from a hazard.

NRI: FEMA's National Risk Index (version 1.20, December 2025).

NFIP: National Flood Insurance Program.

RL, SRL: repetitive loss and severe repetitive loss: flood-insured properties with repeated claims (definitions in B2-c).

FMA, HMGP: Flood Mitigation Assistance and Hazard Mitigation Grant Program, FEMA mitigation grants.

PA: FEMA Public Assistance: disaster aid to governments and some nonprofits.

Zone-level: NOAA logged the event for a National Weather Service forecast zone, which may include parts of neighboring counties.

County-coded: NOAA logged the event to this county.

FIPS: the federal code for a place; 55105 is this area.

D0 to D4: U.S. Drought Monitor categories, from abnormally dry (D0) to exceptional drought (D4).

F/EF, EFU: Fujita and Enhanced Fujita tornado ratings; EFU is an unrated tornado.

kt, CONUS: knots (1 kt is about 1.15 mph); the contiguous United States.

CFR: Code of Federal Regulations.

A4-a, E1-a: other items of FEMA's Local Mitigation Plan Review Tool (sources, and changes since the last plan).

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

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Plan clock

Status:	Approved, expires 2028-04-19	Plan:	Rock County (FEMA plan 109006)
Approved:	2023-04-20	Days to expiry:	567
What changed since your last plan (approved 2023-04-20)			
New federal declarations:	1 new hazard declaration (1 incident): DR-4923-WI (Severe Storms, Tornadoes, and Flooding)	Storm Events records since approval:	135 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 1, SRL 1 (44 CFR 77.2); any definition: 14	Repeat-flood change:	this release sets the baseline count.
Sources: 1, 2, 4, 6 (numbered list at the end)			

Plan status for every jurisdiction listed in this county: 15 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" on the following pages.

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

Plan clock

Plan status for every jurisdiction listed in this county

Source: 1

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Rock County	County	Approved, expires 2028-04-19	Rock County (FEMA plan 109006)	2023-04-20	2028-04-19	567		
Beloit city	City	Approved, expires 2028-04-19	Rock County (FEMA plan 109006)	2023-04-20	2028-04-19	567		this jurisdiction approved 2024-06-01
Brodhead city	City	Plan 108643 approved 2023-04-04, pending adoption here; not yet eligible	Green County Hazard Mitigation Plan (FEMA plan 108643), pending adoption here	2023-04-04 by FEMA; not yet adopted here	2028-04-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Clinton village	Village	Plan 109006 approved 2023-04-20, pending adoption here; not yet eligible	Rock County (FEMA plan 109006), pending adoption here	2023-04-20 by FEMA; not yet adopted here	2028-04-19 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Edgerton city	City	Approved, expires 2028-04-19	Rock County (FEMA plan 109006)	2023-04-20	2028-04-19	567		Also approved under plan 108424 (Dane County, expires 2027-12-06). 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. this jurisdiction approved 2024-06-01
Evansville city	City	Approved, expires 2028-04-19	Rock County (FEMA plan 109006)	2023-04-20	2028-04-19	567		this jurisdiction approved 2024-06-01
Footville village	Village	Approved, expires 2028-04-19	Rock County (FEMA plan 109006)	2023-04-20	2028-04-19	567		this jurisdiction approved 2024-05-31
Janesville city	City	Plan 109006 approved 2023-04-20, pending adoption here; not yet eligible	Rock County (FEMA plan 109006), pending adoption here	2023-04-20 by FEMA; not yet adopted here	2028-04-19 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Milton city	City	Approved, expires 2028-04-19	Rock County (FEMA plan 109006)	2023-04-20	2028-04-19	567		this jurisdiction approved 2024-06-01

						Days to expiry negative = days since expiry	Update underway	Notes
Jurisdiction	Type	Status	Plan	Approved	Expires			
Orfordville village	Village	Approved, expires 2028-04-19	Rock County (FEMA plan 109006)	2023-04-20	2028-04-19	567		this jurisdiction approved 2024-05-31
Harmony town	Town	Approved, expires 2028-04-19	Rock County (FEMA plan 109006)	2023-04-20	2028-04-19	567		this jurisdiction approved 2024-06-01
La Prairie town	Town	Approved, expires 2028-04-19	Rock County (FEMA plan 109006)	2023-04-20	2028-04-19	567		this jurisdiction approved 2024-05-31
Milton town	Town	Approved, expires 2028-04-19	Rock County (FEMA plan 109006)	2023-04-20	2028-04-19	567		this jurisdiction approved 2024-05-31
Plymouth town	Town	Approved, expires 2028-04-19	Rock County (FEMA plan 109006)	2023-04-20	2028-04-19	567		this jurisdiction approved 2024-05-31
Spring Valley town	Town	Approved, expires 2028-04-19	Rock County (FEMA plan 109006)	2023-04-20	2028-04-19	567		this jurisdiction approved 2024-05-31

Supports FEMA checklist item B1-a: hazard identification

Hazards NRI does not cover (local data needed)

- 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)

Sources: 5, 6

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>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
1	Inland Flooding	Relatively Moderate	Relatively Moderate	\$37,556,698	\$323,975	\$23,602	\$37,904,274	90	
2	Tornado	Relatively High	Relatively High	\$6,220,713	\$1,431	\$6,716,021	\$12,938,166	22	
3	Cold Wave	Relatively High	Relatively High	\$176	\$2,375	\$12,581,070	\$12,583,621	39	
4	Hail	Relatively High	Relatively High	\$3,578,000	\$156,891	\$196,106	\$3,930,996	153	
5	Strong Wind	Relatively High	Relatively High	\$843,988	\$123,134	\$1,046,000	\$2,013,122	344	Includes 17 High Wind and 41 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
6	Heat Wave	Relatively Moderate	Relatively Moderate	\$518	\$4	\$1,910,181	\$1,910,703	52	
7	Lightning	Relatively High	Relatively High	\$317,335	n/a	\$782,857	\$1,100,192	38	
8	Earthquake	Very Low	Relatively Low	\$429,541	n/a	\$99,002	\$528,543		Storm Events does not record earthquakes.
9	Drought	Relatively Low	Relatively Low	n/a	\$151,897	n/a	\$151,897	17	
10	Ice Storm	Relatively Low	Relatively Moderate	\$24,305	n/a	\$122,694	\$146,999	5	
11	Winter Weather	Relatively Moderate	Relatively Moderate	\$2,057	\$1,755	\$110,501	\$114,313	223	

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>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
12	Wildfire	Very Low	Very Low	\$12,686	\$34	\$1,669	\$14,389	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
13	Hurricane	Very Low	Very Low	\$2,736	\$1,745	under \$1	\$4,481	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Landslide	Very Low	Very Low	\$606	n/a	\$2,673	\$3,279	0	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).

NRI risk rating combines expected annual loss with social vulnerability and community resilience; EAL rating rates expected annual loss alone. Both compare this county with all U.S. counties.

Local data needed: state and local wildfire and landslide records (Storm Events records these hazards only in part).

Not applicable to this county per NRI, with no federal declaration and no Storm Events record since 1996: avalanche, coastal flooding, tsunامي and volcanic activity. That is the evidence for leaving them out of the plan.

The state hazard mitigation plan also lists hazards for this county; FEMA asks the plan to explain any hazard it leaves out.

Supports FEMA checklist item B1-b: hazard location

Affects the whole county (national data give no location within it): Cold Wave, Drought, Hail, Heat Wave, Ice Storm, Lightning, Strong Wind and Winter Weather.

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.

Hazards that vary within the county: highest-rated census tracts

Source: 5

Hazard	Highest-rated census tracts <i>NRI risk rating, score 0 to 100</i>
Earthquake	tract 14 (Relatively Low, 56.0); tract 10 (Relatively Low, 55.2); tract 26.01 (Relatively Low, 46.4)
Hurricane	tract 32 (Very Low, 27.8); tract 27 (Very Low, 27.3); tract 28 (Very Low, 27.2)
Landslide	tract 30.02 (Relatively Low, 91.6); tract 12.02 (Relatively Low, 90.7); tract 28 (Relatively Low, 86.9)
Tornado	tract 14 (Very High, 95.3); tract 26.01 (Relatively High, 93.0); tract 12.02 (Relatively High, 93.0)
Wildfire	tract 30.02 (Relatively Low, 71.7); tract 12.02 (Relatively Low, 71.7); tract 27 (Relatively Low, 71.0)

Up to 3 census tracts per hazard, highest National Risk Index rating first, then highest score; a tract number is the Census tract number (for example 14 is Census Tract 14). FEMA's Resilience Analysis and Planning Tool maps the National Risk Index for every tract: <https://www.fema.gov/emergency-managers/practitioners/resilience-analysis-and-planning-tool>

Supports FEMA checklist item B1-c: hazard extent

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

Sources: 6, 7

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	39 records, 1996 to 2026 (39 zone-level)	1 day to 13 days (median 2 days); 32 with a recorded value	13 consecutive days, 2017-12-25 to 2018-01-06, zone-level	Cold/Wind Chill, 2007-02-03, \$2,000 property; \$0 crops (zone total, 2007 dollars)	Countywide (zone-level records).	
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	0					
Drought	U.S. Drought Monitor scale (D0 to D4)	17 records, 2002 to 2012 (17 zone-level)	11 days to 158 days (median 142 days); 4 with a recorded value	158 days (about 5.2 months), 2012-06-26 to 2012-11-30, a run of 6 consecutive Storm Events drought records, zone-level	Drought, 2002-08-01, property not reported; \$500,000 crops (zone total, 2002 dollars)	Countywide (zone-level records).	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					Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	hail size (inches)	174 records, 1961 to 2026	0.75 in to 3 in (median 1 in); 174 with a recorded value	3 in hail, 1975-06-04	Hail, 2006-04-13, \$4,360,000 property; crops not reported (2006 dollars)	Event records naming jurisdictions in the plan: Milton city (23 records), Milton town (23 records), Beloit city (18 records), Janesville city (14 records), Evansville city (13 records), Edgerton city (10 records), Orfordville village (10 records), Clinton village (4 records), Footville village (3 records).	
Excessive Heat, Heat	heat index (in event narratives)	52 records, 1998 to 2026 (52 zone-level)	1 day to 5 days (median 2 days); 39 with a recorded value	5 consecutive days, 2012-07-02 to 2012-07-06, zone-level		Countywide (zone-level records).	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 type; flooding from the storm is filed as Flood or Flash Flood records.
Ice Storm	Sperry-Piltz ice scale (local data)	5 records, 1997 to 2023 (5 zone-level)		Ice Storm, 2008-02-17, \$20,000 property; \$0 crops (2008 dollars); NWS zone WIZ069		Countywide (zone-level records).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	90 records, 1996 to 2026 (7 zone-level)		Flash Flood, 2026-04-17, \$30,000,000 property; \$0 crops (2026 dollars)		Event records naming jurisdictions in the plan: Beloit city (13 records), Janesville city (6 records), Clinton village (5 records), Evansville city (3 records), Milton city (3 records), Milton town (3 records), Orfordville village (3 records), Edgerton city (2 records). Zone-level records (7) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage is often \$0 or blank for floods, major ones included; FEMA Public Assistance by declaration (B1-d) shows which floods cost the most.
Debris Flow	none (count and damage only)	0					
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	38 records, 1996 to 2022		Lightning, 2014-06-30, \$0 property; \$0 crops (2014 dollars), 1 direct death	Lightning, 1998-08-24, \$3,500,000 property; crops not reported (1998 dollars)	Event records naming jurisdictions in the plan: Janesville city (12 records), Beloit city (7 records), Orfordville village (5 records), Edgerton city (2 records), Milton city (2 records), Milton town (2 records), Clinton village (1 record), Evansville city (1 record).	Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	58 records, 1997 to 2026 (56 zone-level)	26 kt (30 mph) to 56 kt (64 mph) (median 39 kt (45 mph)); 49 with a recorded value	56 kt (64 mph) measured gust, High Wind, 2003-11-12; same speed and measurement basis also recorded on 2001-10-25; NWS zone WIZ069	High Wind, 1998-11-10, \$600,000 property; \$100,000 crops (zone total, 1998 dollars)	Event records naming jurisdictions in the plan: Beloit city (1 record), Janesville city (1 record). Zone-level records (56) apply countywide.	
Thunderstorm Wind	wind speed (kt and mph)	381 records, 1955 to 2026	50 kt (58 mph) to 100 kt (115 mph) (median 56 kt (64 mph)); 258 with a recorded value	100 kt (115 mph) estimated, Thunderstorm Wind, 2000-08-05, 2 direct injuries		Event records naming jurisdictions in the plan: Beloit city (48 records), Evansville city (39 records), Janesville city (31 records), Milton city (29 records), Milton town (29 records), Orfordville village (24 records), Clinton village (20 records), Edgerton city (16 records), Footville village (5 records).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	38 records, 1955 to 2026	F/EF0 to F/EF2 (median F/EF1); 37 with a recorded value	EF2 tornado, 2024-02-08, 13.71 mi within this county, 750 yd wide, \$6,800,000 property; \$0 crops (2024 dollars), 1 direct injury	Tornado, 2024-06-22, \$24,800,000 property; crops not reported (2024 dollars)	Event records naming jurisdictions in the plan: Evansville city (3 records), Milton city (2 records), Milton town (2 records), Beloit city (1 record), Clinton village (1 record).	Before 1996 a tornado is listed once, under the county where it began, with its whole path's rating and length; from 1996 on, each county lists its own segment. Length is not used to rank tornadoes (see Methods).

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Wildfire	acres burned (local data)	0					
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	223 records, 1996 to 2026 (223 zone- level)		Winter Storm, 2024-01-12, \$20,000 property; \$0 crops (2024 dollars); NWS zone WIZ069		Countywide (zone-level records).	

In event narratives only (local data needed): wind chill, temperature, heat index, ice thickness, acres burned and snow depth; any physical measure of debris flow and lightning.

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records from zones that no NWS zone-county file places in this county (mostly before 2020) are not counted here (the Methods page explains the zone matching).

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

Supports FEMA checklist item B1-d: previous occurrences

Federal declarations for this county: 16 declarations covering 13 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

Federal disaster declarations for this county

Sources: 1, 2, 3

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	\$238,030.72	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	\$636,768.89		
2020-03-13	2020-01-20	EM-3454-WI	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded		same incident as DR-4520
2008-06-14	2008-06-05	DR-1768-WI	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado	\$1,696,693.84		
2008-03-19	2008-02-05	EM-3285-WI	Emergency	Record Snow and Near Record Snow	Winter Weather	\$337,899.62		
2007-08-26	2007-08-18	DR-1719-WI	Major disaster	Severe Storms and Flooding	Inland Flooding	PA not declared for this county		
2005-09-13	2005-08-29	EM-3249-WI	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	no Public Assistance recorded		
2004-06-18	2004-05-07	DR-1526-WI	Major disaster	Severe Storms and Flooding	Inland Flooding	PA not declared for this county		
2001-01-24	2000-12-11	EM-3163-WI	Emergency	Snow	Winter Weather	\$178,169.83		
1998-08-12	1998-08-05	DR-1238-WI	Major disaster	Severe Storms and Flooding	Inland Flooding; Winter Weather	no Public Assistance recorded		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
1993-07-02	1993-06-07	DR-994-WI	Major disaster	Severe Storms, Tornadoes & Flooding	Inland Flooding; Tornado	no Public Assistance recorded		
1990-07-13	1990-06-22	DR-874-WI	Major disaster	Severe Storms, Tornadoes & Flooding	Inland Flooding; Tornado	no Public Assistance recorded		
1978-07-07	1978-07-07	DR-559-WI	Major disaster	Severe Storms, Flooding, Hail & Tornadoes	Hail; Inland Flooding; Tornado	no Public Assistance recorded		
1976-06-17	1976-06-17	EM-3014-WI	Emergency	Drought	Drought	no Public Assistance recorded		
1976-03-23	1976-03-23	DR-496-WI	Major disaster	Severe Storms, Icing, Wind & Flooding	Inland Flooding	no Public Assistance recorded		
1973-04-27	1973-04-27	DR-376-WI	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		

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.

Public Assistance filed under this county for declarations that do not list it: 2 rows, \$5,694.29

Sources: 2, 3

FEMA number	Declared	Title	Applicant	PA obligated
				<i>federal share obligated, nominal dollars</i>
DR-1966-WI	2011-04-05	Severe Winter Storm and Snowstorm	Blackhawk Technical College	\$907.50
DR-1966-WI	2011-04-05	Severe Winter Storm and Snowstorm	Albion, Town of (Dane County)	\$4,786.79

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.

Public Assistance not placed in any Wisconsin county: 1 row, \$87,788.41; listed on the Wisconsin state page.

Source: 3

Previous occurrences by hazard, with explicit no-event rows

Sources: 2, 6, 7

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Cold Wave	39	4	1	5	0	0	1996 to 2026-06-30	
Drought	17	0	0	0	1	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	174	38	11	49	1	0	1955 to 2026-06-30	
Heat Wave	52	6	3	9	0	0	1996 to 2026-06-30	

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
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	5	0	1	1	0	0	1996 to 2026-06-30	
Inland Flooding	90	16	0	16	10	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	38	0	1	1	0	0	1996 to 2026-06-30	
Strong Wind	439	38	8	49	0	0	1955 to 2026-06-30	Includes 17 High Wind and 41 Strong Wind records.
Tornado	38	9	3	12	5	1	1950 to 2026-06-30	
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	223	24	9	45	3	0	1996 to 2026-06-30	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Flags	Why listed
2026-04-17	Flash Flood		\$30,000,000 property; \$0 crops (2026 dollars)	0, 0	DOWNTOWN JANESVILLE to LEYDEN	new since last plan; within last 5 years	B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2024-02-08	Tornado	EF2, 13.71 mi within this county, 750 yd wide	\$6,800,000 property; \$0 crops (2024 dollars)	0, 1	MAGNOLIA to EDGERTON ALBION ARPT	new since last plan; within last 5 years	B1-c worst recorded: Tornado
2018-01-17	Cold/Wind Chill		\$0 property; \$0 crops (zone total, 2018 dollars)	1, 0	NWS zone WIZ069 (ROCK), zone-level		deaths or injuries recorded
2017-12-25	Cold/Wind Chill		property not reported; \$0 crops (zone total, 2017 dollars)	0, 0	NWS zone WIZ069 (ROCK), zone-level		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2014-06-30	Lightning		\$0 property; \$0 crops (2014 dollars)	1, 0	DOWNTOWN JANESVILLE		deaths or injuries recorded
2014-02-20	High Wind	37 kt (43 mph) measured sustained	property not reported; \$0 crops (zone total, 2014 dollars)	1, 0	NWS zone WIZ069 (ROCK), zone-level		deaths or injuries recorded
2012-07-02	Excessive Heat		damage not reported	0, 0	NWS zone WIZ069 (ROCK), zone-level		B1-c worst recorded: Excessive Heat, Heat
2012-06-26	Drought		\$0 property; \$0 crops (zone total, 2012 dollars)	0, 0	NWS zone WIZ069 (ROCK), zone-level		B1-c worst recorded: Drought
2008-02-17	Ice Storm		\$20,000 property; \$0 crops (zone total, 2008 dollars)	0, 0	NWS zone WIZ069 (ROCK), zone-level		B1-c worst recorded: Ice Storm
2003-11-12	High Wind	56 kt (64 mph) measured gust	\$4,000 property; crops not reported (zone total, 2003 dollars)	0, 0	NWS zone WIZ069 (ROCK), zone-level		B1-c worst recorded: High Wind and Strong Wind
2000-08-05	Thunderstorm Wind	100 kt (115 mph) estimated	\$5,000,000 property; \$1,250,000 crops (2000 dollars)	0, 2	EVANSVILLE		B1-c worst recorded: Thunderstorm Wind
1975-06-04	Hail	3 in	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Hail

The full list is in the Excel file, sheet "B1-d Storm Events history" (1,115 rows).

Location is the place NOAA recorded, as written in its data; it need not be a jurisdiction in this plan.

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.

Local data needed: state-declared emergencies, from your state emergency management agency (federal data do not include them).

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

Supports FEMA checklist item B1-e: probability of future events

Probability: FEMA annualized frequency and descriptor per hazard

Sources: 5, 6

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
Cold Wave	5.37	event-days per year	about 5.37 days per year	Likely	Storm Events event- days in 20 of 30 years, 1996 to 2025 (66.7%)	102	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	6.6	event-days per year	about 6.6 days per year	Likely	Storm Events event- days in 4 of 30 years, 1996 to 2025 (13.3%)	259	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.000891	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0891%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	4.34	events per year	about 4.34 per year	Highly likely	FEMA annualized frequency (modeled)	164.9 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	3.63	event-days per year	about 3.63 days per year	Likely	Storm Events event- days in 19 of 30 years, 1996 to 2025 (63.3%)	53	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.00575	events per year	about 1 in 174 years	Unlikely	FEMA annualized frequency (modeled)	2	1851 to 2024 (Atlantic)	see B1-f	NRI counts hurricane and tropical storm tracks passing within storm-force wind range; federal declarations are in B1-d.
Ice Storm	0.633	event-days per year	about 0.633 days per year	Likely	Storm Events event- days in 5 of 30 years, 1996 to 2025 (16.7%)	43	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	2.11	event-days per year	about 2.11 days per year	Likely	Storm Events event- days in 22 of 30 years, 1996 to 2025 (73.3%)	59	1996 to 2023 (28 years)	see B1-f	
Landslide	0.133	events per year (modeled)	about 1 in 8 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	38.5	days per year with a strike	about 38.5 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	

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
Strong Wind	5.46	events per year	about 5.46 per year	Highly likely	FEMA annualized frequency (modeled)	208	1986 to 2023 (38 years)	countywide	
Tornado	0.579	events per year	about 0.58 per year	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Wildfire	0.000104	annual probability at a location	chance a given location in the county burns in a year: 0.0104%		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No descriptor: no Storm Events record 1996 to 2025
Winter Weather	14.1	event-days per year	about 14.1 days per year	Highly likely	Storm Events event- days in 29 of 30 years, 1996 to 2025 (96.7%)	267	2005-11-12 to 2024-11-12 (19 years)	countywide	

FEMA annualized frequency (modeled) is the National Risk Index v1.20 (December 2025) estimate of how often a hazard affects this county in a year; it is not recorded events divided by years, and its unit differs by hazard (events, event-days, or days with a lightning strike per year). For earthquake, wildfire, coastal flooding and tsunami the value is the chance (or number of events) at a location in the county, not across the county, so no "1 in N years" is given and the descriptor comes from Storm Events where it has a record (none for earthquake). The Methods page gives each hazard's method, from FEMA's National Risk Index Technical Documentation v1.20.

Where NRI gives event-days, the descriptor comes from the share of years with a Storm Events record; NRI's source records more events, so the two differ.

Descriptor scale used in this packet (defined per unit)

Sources: 5, 6

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

Intensity bands: historical frequency (Storm Events)

Source: 6

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	80	30	2.67
Hail	2.00 in+	1996 to 2025	12	30	0.4
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	180	30	6
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	46	30	1.53
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	54	30	1.8
Tornado	EF0-1	1996 to 2025	16	30	0.533
Tornado	EF2-3	1996 to 2025	3	30	0.1
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

The bands show how often events of each severity were recorded in this county, to profile how severe events have been (FEMA's probability item asks for the range of intensities).

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.

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 (<https://resilience.climate.gov/>).

Supports FEMA checklist item B1-f: hazards that vary across jurisdictions

Range of census tract risk within the county

Source: 5

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Cold Wave	41 of 41	60.5	87.9	95.3	Very High 2, Relatively High 35, Relatively Moderate 4
Drought	30 of 41	67.0	79.3	91.6	Relatively Low 16, Very Low 14, No Rating 11
Earthquake	41 of 41	9.6	27.2	56.0	Relatively Low 5, Very Low 36
Hail	41 of 41	72.6	88.9	96.0	Relatively High 22, Relatively Moderate 19
Heat Wave	41 of 41	15.8	51.8	71.5	Relatively Moderate 18, Relatively Low 22, Very Low 1
Hurricane	41 of 41	13.7	18.3	27.8	Very Low 41
Ice Storm	41 of 41	9.9	39.4	57.6	Relatively Low 28, Very Low 13
Inland Flooding	41 of 41	21.0	54.9	95.9	Very High 1, Relatively High 11, Relatively Moderate 15, Relatively Low 14
Landslide	40 of 41	14.3	54.8	91.6	Relatively Low 6, Very Low 34, No Rating 1
Lightning	41 of 41	35.7	73.4	88.7	Relatively High 16, Relatively Moderate 24, Relatively Low 1
Strong Wind	41 of 41	39.3	77.3	89.1	Relatively High 9, Relatively Moderate 30, Relatively Low 2

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Tornado	41 of 41	55.9	83.1	95.3	Very High 1, Relatively High 30, Relatively Moderate 10
Wildfire	39 of 41	18.5	41.6	71.7	Relatively Low 3, Very Low 36, No Rating 2
Winter Weather	41 of 41	27.3	50.3	62.8	Relatively Moderate 22, Relatively Low 19

Drought: Agriculture is all of NRI's expected annual loss for this hazard in the county, so the tract range mostly reflects where crop and livestock value is.

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.

The score ranks a tract against all U.S. tracts (100 = highest). The rating is FEMA's category for the tract's risk value, computed differently, so the two can disagree.

Frequency data for cold wave, drought, hail, heat wave, ice storm, lightning, strong wind and winter weather are county-wide or coarse (49 km grid or NWS zone), the same for every jurisdiction; the tract range mostly reflects where buildings and people are (crop and livestock value where a line above names agriculture).

Each jurisdiction (starting figures from federal data)

Sources: 1, 3, 4, 6

Jurisdiction	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance to this jurisdiction <i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since its plan</i>	Notes
Rock County	County	Approved, expires 2028-04-19	FMA RL 1, SRL 0; any 9	\$638,497.48	0 total; 0 since its plan	Includes \$618,111.92 for declarations not counted as hazard incidents (DR-4520-WI).
Beloit city	City	Approved, expires 2028-04-19	FMA RL 0, SRL 0; any 2	\$407,263.04	88 total; 6 since its plan	
Brodhead city	City	Plan 108643 approved 2023-04-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; no approved plan	
Clinton village	Village	Plan 109006 approved 2023-04-20, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$6,742.47	31 total; no approved plan	
Edgerton city	City	Approved, expires 2028-04-19	FMA RL 0, SRL 0; any 0	\$18,189.23	30 total; 4 since its plan	Also approved under plan 108424 (Dane County, expires 2027-12-06). 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.
Evansville city	City	Approved, expires 2028-04-19	FMA RL 0, SRL 0; any 0	\$76,213.36	59 total; 10 since its plan	
Footville village	Village	Approved, expires 2028-04-19	FMA RL 0, SRL 0; any 0	\$64,215.40	8 total; 0 since its plan	
Janesville city	City	Plan 109006 approved 2023-04-20, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 3	\$842,346.30	64 total; no approved plan	
Milton city	City	Approved, expires 2028-04-19	FMA RL 0, SRL 0; any 0	\$42,065.86	59 total; 7 since its plan	

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
Orfordville village	Village	Approved, expires 2028-04-19	FMA RL 0, SRL 0; any 0	\$5,455.35	42 total; 2 since its plan	
Harmony town	Town	Approved, expires 2028-04-19		\$3,155.69	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row.
La Prairie town	Town	Approved, expires 2028-04-19		no Public Assistance recorded	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row.
Milton town	Town	Approved, expires 2028-04-19		\$32,844.17	59 total; 7 since its plan	No NFIP community ID on this jurisdiction's plan row.
Plymouth town	Town	Approved, expires 2028-04-19		\$4,557.50	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row.
Spring Valley town	Town	Approved, expires 2028-04-19		no Public Assistance recorded	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row.

Repetitive-loss counts are for whole NFIP communities, which can extend beyond this county (see the note in B2-c).

County Public Assistance in B1-d also includes applicants filed under the county that are not jurisdictions in this plan (for example state agencies, special districts and nonprofits), so the jurisdiction rows add up to less.

Supports FEMA checklist items B2-a and B2-b: vulnerability and potential impacts

Local data needed

The table below gives county-level starting figures; the plan describes impacts for each jurisdiction and its own assets.

- Critical facilities and lifelines per hazard
- A problem statement per jurisdiction 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

Sources: 1, 2, 3, 5, 6, 7

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>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2023-04-20 <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
Cold Wave	\$41,011,528,586	\$379,132,800	163,608	\$176	\$2,375	\$12,581,070	under 0.0001%		\$0		
Drought	n/a	\$158,803,049	n/a	n/a	\$151,897	n/a	0.0957% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$69,552,960,032	n/a	163,687	\$429,541	n/a	\$99,002	0.000618%				
Hail	\$41,011,528,586	\$379,132,800	163,608	\$3,578,000	\$156,891	\$196,106	0.00872%	\$0			
Heat Wave	\$41,011,528,586	\$379,132,800	163,608	\$518	\$4	\$1,910,181	under 0.0001%		\$0		
Hurricane	\$40,661,698,721	\$369,472,622	162,691	\$2,736	\$1,745	under \$1	under 0.0001%				
Ice Storm	\$41,005,449,122	n/a	163,541	\$24,305	n/a	\$122,694	under 0.0001%				
Inland Flooding	\$40,985,921,051	\$18,026,256	2,395	\$37,556,698	\$323,975	\$23,602	n/a (see note)	\$30,102,000		\$238,030.72	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.
Landslide	\$289,889,586	n/a	1,105	\$606	n/a	\$2,673	0.000209%				
Lightning	\$41,011,528,586	n/a	163,608	\$317,335	n/a	\$782,857	0.000774%				
Strong Wind	\$41,011,528,586	\$379,132,800	163,608	\$843,988	\$123,134	\$1,046,000	0.00206%	\$110,250	\$17,000		Storm Events damage since the plan includes 1 zone-level High Wind record (\$15,000) and 1 zone-level Strong Wind record (\$2,000): NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition.

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>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2023-04-20 <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
Tornado	\$41,011,528,586	\$379,132,800	163,608	\$6,220,713	\$1,431	\$6,716,021	0.0152%	\$32,520,000		\$238,030.72	
Wildfire	\$3,098,089,875	\$37,539,783	14,763	\$12,686	\$34	\$1,669	0.000409%				
Winter Weather	\$41,011,528,586	\$379,132,800	163,608	\$2,057	\$1,755	\$110,501	under 0.0001%		\$25,000		

Totals since 2023-04-20 (Storm Events through 2026-06-30): 99 county-coded records, 95 with a damage value recorded (including \$0), \$62,732,250; 36 zone-level records, 36 with a damage value recorded (including \$0), \$42,000 reported for the zone; Public Assistance: \$238,030.72 on 1 counted declaration.

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 does not add up to the total; the unit total counts each declaration once.

NRI computes earthquake exposure on its own basis, so it exceeds the county building value in B2-a.

Supports FEMA checklist item B2-a: vulnerability (county context)

County context

Source: 5

Measure	Value
Population	163,608
Building value (total, not at risk)	\$41,011,528,586
Agriculture value (total, not at risk)	\$379,132,800
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$49,752,600
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)	\$23,592,374
Social vulnerability rating	Very Low
Community resilience rating	Very High
NRI version	December 2025

FEMA's all-hazard expected annual loss adds buildings, agriculture and population equivalence; this table gives the property part and the population-equivalence part as separate rows.

Social vulnerability: higher means people are more likely to be harmed and slower to recover. Community resilience: lower means the community is less able to recover. High social vulnerability and low resilience both raise the NRI risk rating.

Supports FEMA checklist item B2-c: repetitive loss properties

Repetitive loss in this county, both definitions

Sources: 1, 4

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	1	Severe repetitive loss, FMA definition (44 CFR 77.2)	1
Repetitive loss, NFIP insurance definition	14	Severe repetitive loss, NFIP insurance definition	1

The state NFIP coordinator's list, the source FEMA's Handbook names, often uses the NFIP insurance definition (second row).

Repeat-flood properties: county and state-level rows

Sources: 1, 4

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	1	14	1	14	0	3
of which: Rock County (unincorporated area)	1	0	9	0	9	0	2
of which: Beloit city	0	0	2	0	2	0	1
of which: Janesville city	0	1	3	1	3	0	0
Statewide, no county in FEMA's file	0	0	2	0	2	0	0

The statewide row counts properties FEMA's file gives with no county in this state; they are listed for reference and are not in this county's counts.

Repeat-flood properties by jurisdiction in the plan (NFIP community)

Sources: 1, 4

Jurisdiction	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>
Rock County	550363	1	0	9	0	9	0	2
Beloit city	555544	0	0	2	0	2	0	1
Brodhead city	550160	0	0	0	0	0	0	0
Clinton village	550067	0	0	0	0	0	0	0
Edgerton city	550365	0	0	0	0	0	0	0
Evansville city	550366	0	0	0	0	0	0	0
Footville village	550575	0	0	0	0	0	0	0
Janesville city	555560	0	1	3	1	3	0	0
Milton city	550026	0	0	0	0	0	0	0
Orfordville village	550369	0	0	0	0	0	0	0

Counts by occupancy group for each jurisdiction are in the Excel file, sheet "B2-c Jurisdictions".

Jurisdiction 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 jurisdiction row, while the county table counts only its part in this county.

County repeat-flood properties by occupancy group

Sources: 1, 4

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	0	10	0	10	0	3
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	4	1	4	0	0
not reported	0	0	0	0	0	0	0

FEMA's occupancy groups have no institutional class; institutional properties are counted in non-residential or other residential in the table by occupancy group.

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. NFIP repetitive loss (the FEMA insurance definition) is 2 or more claims over \$1,000 in 10 years, and a property can leave that group once it is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured. The Methods page gives the OpenFEMA field details.

Counts are aggregates of FEMA's public NFIP Multiple Loss Properties file (FEMA's data date 2026-08-02; file version 2026-08-04). No property is identified. County assignment is FEMA's geocode.

In this county 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 13 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

Tables cite these sources by number. The full list, for the plan's bibliography (FEMA review item A4-a):

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-29T134039Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
 2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-29T162832Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
 3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
 4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-30, <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 2026-09-30, 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 2026-09-30, <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 2026-09-30, <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 2026-09-30, 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), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/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 (used to match place names and codes; no table prints its values)
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What this packet is and what the plan adds

This packet is the federal data for the plan's risk assessment (the summary on page 1 says how it is organized); the plan and FEMA's review decide whether each item is met.

The plan adds what only the community has: local data on assets, critical facilities, development and each jurisdiction's impacts; local hazard history, including state-declared emergencies; the mitigation strategy; and adoption.

How the federal data are built: National Risk Index values are FEMA's model, not counts of events. Storm Events is more complete from 1996; zone-level records are placed by forecast zone, not by location in the county. Public Assistance for a jurisdiction is matched by applicant name. The Methods page gives every rule and the known edge cases.

OpenFEMA disclaimer

This product uses the Federal Emergency Management Agency's OpenFEMA API, but is not endorsed by FEMA. The Federal Government or FEMA cannot vouch for the data or analyses derived from these data after the data have been retrieved from the Agency's website(s).

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Corrections: to report an error, name the packet, the table and what your records show. Contact: contact@hazardplain.org