

Brown County, WI

Risk-assessment baseline packet

County FIPS: 55009 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 2031-06-30. Plan: Brown County 2026 Hazard Mitigation Plan (FEMA plan 112031), approved 2026-07-01.

Since the plan was approved on 2026-07-01: no new hazard declaration; details under "What changed since your last plan".

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$57,442,953 a year), Cold Wave (\$25,496,671) and Tornado (\$11,878,400).

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; 55009 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 2031-06-30	Plan:	Brown County 2026 Hazard Mitigation Plan (FEMA plan 112031)
Approved:	2026-07-01	Days to expiry:	1,734
What changed since your last plan (approved 2026-07-01)			
New federal declarations:	none	Storm Events records since approval:	not yet covered: Storm Events data run through 2026-06-30, before the approval date, so there is no period to count yet
Repetitive loss now:	FMA RL 0, SRL 2 (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: 19 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
Brown County	County	Approved, expires 2031-06-30	Brown County 2026 Hazard Mitigation Plan (FEMA plan 112031)	2026-07-01	2031-06-30	1,734		
Allouez 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.
Ashwaubenon 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.
Bellevue 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.
De Pere city	City	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.
Denmark 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.
Green Bay city	City	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.
Hobart 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.
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.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Pulaski 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.
Suamico village	Village	Approved, expires 2031-06-30	Brown County 2026 Hazard Mitigation Plan (FEMA plan 112031)	2026-07-01	2031-06-30	1,734		this jurisdiction approved 2026-07-22
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.
Holland town	Town	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.
Humboldt town	Town	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.
Pittsfield town	Town	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.
Rockland town	Town	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.
Scott town	Town	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.
Wrightstown town	Town	Approved, expires 2031-06-30	Brown County 2026 Hazard Mitigation Plan (FEMA plan 112031)	2026-07-01	2031-06-30	1,734		this jurisdiction approved 2026-07-29
Greenleaf village	Village	Approved, expires 2031-06-30	Brown County 2026 Hazard Mitigation Plan (FEMA plan 112031)	2026-07-01	2031-06-30	1,734		

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	\$57,156,910	\$271,356	\$14,688	\$57,442,953	37	
2	Cold Wave	Relatively High	Very High	\$158	\$586,594	\$24,909,920	\$25,496,671	22	
3	Tornado	Relatively High	Relatively High	\$6,166,022	\$5,643	\$5,706,735	\$11,878,400	13	
4	Hail	Relatively High	Relatively High	\$3,596,201	\$82,089	\$378,366	\$4,056,656	111	
5	Lightning	Relatively High	Relatively High	\$104,637	n/a	\$2,184,744	\$2,289,381	16	
6	Heat Wave	Relatively Low	Relatively Low	\$10,116	\$2	\$1,468,794	\$1,478,911	19	
7	Strong Wind	Relatively Low	Relatively Low	\$82,077	\$126,485	\$158,604	\$367,166	179	Includes 11 High Wind and 21 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
8	Winter Weather	Relatively Moderate	Relatively High	\$21,392	\$2,526	\$288,630	\$312,548	93	
9	Earthquake	Very Low	Very Low	\$108,984	n/a	\$29,811	\$138,795		Storm Events does not record earthquakes.
10	Ice Storm	Relatively Low	Relatively Low	\$41,390	n/a	\$53,821	\$95,211	3	
11	Coastal Flooding	Relatively Low	Relatively Low	\$68,048	n/a	\$1,264	\$69,312	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
12	Wildfire	Very Low	Very Low	\$20,589	\$15	\$1,536	\$22,140	0	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>	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
13	Hurricane	Very Low	Very Low	\$9,512	\$2,970	under \$1	\$12,482	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Landslide	Very Low	Very Low	\$886	n/a	\$1,976	\$2,862	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
15	Drought	No Rating	No Expected Annual Losses	n/a	\$0	n/a	\$0	8	
	Tsunami	Insufficient Data	Insufficient Data	n/a	n/a	n/a	n/a	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, landslide and tsunami 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 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.

Coastal Flooding and 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 213.03 (Very Low, 32.2); tract 207.04 (Very Low, 26.7); tract 102.02 (Very Low, 20.6)
Hurricane	tract 206 (Very Low, 32.1); tract 201 (Very Low, 30.7); tract 213.03 (Very Low, 29.5)
Landslide	tract 214 (Relatively Low, 87.8); tract 201 (Relatively Low, 87.6); tract 206 (Relatively Low, 86.9)
Tornado	tract 207.04 (Very High, 94.1); tract 213.03 (Relatively High, 93.3); tract 202.03 (Relatively High, 87.8)
Tsunami	no tract has a National Risk Index rating for this hazard
Wildfire	tract 202.03 (Relatively Low, 72.8); tract 202.04 (Relatively Low, 70.7); tract 216 (Relatively Low, 69.0)

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 213.03 is Census Tract 213.03). 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
Coastal Flood, Storm Surge/ Tide	none in data (flood depth: FIRM)	0					Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	22 records, 1996 to 2026 (22 zone-level)	1 day to 7 days (median 2 days); 16 with a recorded value	7 consecutive days, 1996-01-30 to 1996-02-05, 1 direct death, zone-level		Countywide (zone-level records).	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's Cold Wave definition)	crop damage	0					
Drought	U.S. Drought Monitor scale (D0 to D4)	8 records, 1999 to 2024 (8 zone-level)	7 days to 36 days (median 31 days); 6 with a recorded value	36 days (about 1.2 months), 2005-07-19 to 2005-08-23, a run of 2 consecutive Storm Events drought records, zone-level		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)	129 records, 1956 to 2026	0.75 in to 3 in (median 1 in); 129 with a recorded value	3 in hail, 1956-07-01	Hail, 2012-07-30, \$25,000 property; \$0 crops (2012 dollars)	Event records naming jurisdictions in the plan: Green Bay city (21 records), Ashwaubenon village (10 records), Wrightstown town (10 records), Wrightstown village (10 records), De Pere city (8 records), Bellevue village (7 records), Pulaski village (6 records), Howard village (5 records), Suamico village (5 records), Allouez village (4 records); and 1 more jurisdiction (see the Excel file).	
Excessive Heat, Heat	heat index (in event narratives)	19 records, 1998 to 2026 (19 zone-level)	1 day to 9 days (median 2 days); 8 with a recorded value	9 consecutive days, 1999-07-23 to 1999-07-31, 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)	3 records, 1996 to 2026 (3 zone-level)		No damage reported in 3 records.		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)	37 records, 1996 to 2026 (13 zone-level)		Flood, 2019-03-15, \$1,120,000 property; \$0 crops (2019 dollars)		Event records naming jurisdictions in the plan: Green Bay city (9 records), Ashwaubenon village (7 records), Allouez village (3 records), Pulaski village (2 records), De Pere city (1 record), Holland town (1 record), Howard village (1 record), Suamico village (1 record), Wrightstown town (1 record), Wrightstown village (1 record). Zone-level records (13) 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)	16 records, 1996 to 2025		Lightning, 1999-06-06, \$100,000 property; crops not reported (1999 dollars)		Event records naming jurisdictions in the plan: Green Bay city (7 records), De Pere city (2 records), Allouez village (1 record), Ashwaubenon village (1 record), Denmark village (1 record), Holland town (1 record), Suamico village (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)	32 records, 1996 to 2025 (32 zone-level)	39 kt (45 mph) to 56 kt (64 mph) (median 48 kt (55 mph)); 16 with a recorded value	56 kt (64 mph) measured gust, High Wind, 2005-11-13; NWS zone WIZ039	High Wind, 2010-10-26, \$200,000 property; \$0 crops (zone total, 2010 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	190 records, 1961 to 2026	50 kt (58 mph) to 78 kt (90 mph) (median 52 kt (60 mph)); 154 with a recorded value	78 kt (90 mph), measurement type not recorded, Thunderstorm Wind, 1982-08-03	Thunderstorm Wind, 1994-07-23, \$500,000 property; crops not recorded (1994 dollars)	Event records naming jurisdictions in the plan: Green Bay city (48 records), Ashwaubenon village (22 records), Suamico village (10 records), De Pere city (8 records), Denmark village (7 records), Wrightstown town (7 records), Wrightstown village (7 records), Bellevue village (6 records), Allouez village (5 records), Howard village (3 records); and 1 more jurisdiction (see the Excel file).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	30 records, 1957 to 2021	F/EF0 to F/EF2 (median F/EF1); 27 with a recorded value	F2 tornado, 1959-05-10, 4.3 mi path length (whole path, pre-1996), 33 yd wide, \$2,500,000 property; crops not recorded (1959 dollars), 3 direct injuries		Event records naming jurisdictions in the plan: Wrightstown town (3 records), Wrightstown village (3 records), Green Bay city (2 records), De Pere city (1 record), Holland town (1 record), Pulaski 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).
Tsunami	none (count and damage only)	0					

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)	93 records, 1996 to 2026 (93 zone-level)		Winter Storm, 2018-04-13, \$400,000 property; \$0 crops (2018 dollars); NWS zone WIZ039		Countywide (zone-level records).	

Where a hazard names more than 10 jurisdictions, the table lists the 10 with the most records; every one is in the Excel file, sheet "B1-c Extent".

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, lightning and tsunami.

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: 9 declarations covering 6 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

Storm Events records since the plan: not yet covered: Storm Events data run through 2026-06-30, before the approval date, so there is no period to count yet.

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	PA not declared for this county	in the 12 months before plan approval; within last 5 years	
2020-04-04	2020-01-20	DR-4520-WI	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$18,437,277.33		
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
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		
1993-07-02	1993-06-07	DR-994-WI	Major disaster	Severe Storms, Tornadoes & Flooding	Inland Flooding; Tornado	PA not declared for this county		
1990-07-13	1990-06-22	DR-874-WI	Major disaster	Severe Storms, Tornadoes & Flooding	Inland Flooding; Tornado	no Public Assistance recorded		
1976-06-17	1976-06-17	EM-3014-WI	Emergency	Drought	Drought	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: 1 row, \$1,296.53

Sources: 2, 3

FEMA number	Declared	Title	Applicant	PA obligated <i>federal share obligated, nominal dollars</i>
EM-3163-WI	2001-01-24	Snow	Franklin, Town of (Kewaunee County)	\$1,296.53

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
Coastal Flooding	0		0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	22		1	4	0	0	1996 to 2026-06-30	
Drought	8		0	4	1	0	1996 to 2026-06-30	
Earthquake	0		0	0	0	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	129		18	31	0	0	1955 to 2026-06-30	
Heat Wave	19		1	3	0	0	1996 to 2026-06-30	
Hurricane	0		0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Ice Storm	3		1	1	0	0	1996 to 2026-06-30	
Inland Flooding	37		4	5	5	0	1996 to 2026-06-30	
Landslide	0		0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	16		0	1	0	0	1996 to 2026-06-30	
Strong Wind	222		3	31	0	0	1955 to 2026-06-30	Includes 11 High Wind and 21 Strong Wind records.
Tornado	30		0	0	3	0	1950 to 2026-06-30	
Tsunami	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	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	93		2	11	0	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
2026-04-02	Ice Storm		\$0 property; \$0 crops (zone total, 2026 dollars)	1, 0	NWS zone WIZ039 (BROWN), zone-level	in the 12 months before plan approval; within last 5 years	deaths or injuries recorded
2025-06-23	Thunderstorm Wind	52 kt (60 mph) estimated gust	\$0 property; \$0 crops (2025 dollars)	1, 0	CORMIER	within last 5 years	deaths or injuries recorded
2023-01-31	Cold/Wind Chill		\$0 property; \$0 crops (zone total, 2023 dollars)	1, 0	NWS zone WIZ039 (BROWN), zone-level	within last 5 years	deaths or injuries recorded
2019-03-15	Flood		\$1,120,000 property; \$0 crops (2019 dollars)	0, 0	SUAMICO to PULASKI		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2018-04-13	Winter Storm		\$400,000 property; \$0 crops (zone total, 2018 dollars)	0, 0	NWS zone WIZ039 (BROWN), zone-level		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2005-11-13	High Wind	56 kt (64 mph) measured gust	damage not reported	0, 0	NWS zone WIZ039 (BROWN), zone-level		B1-c worst recorded: High Wind and Strong Wind
1999-07-23	Heat		damage not reported	0, 0	NWS zone WIZ039 (BROWN), zone-level		B1-c worst recorded: Excessive Heat, Heat
1999-06-06	Lightning		\$100,000 property; crops not reported (1999 dollars)	0, 0	GREEN BAY		B1-c worst recorded: Lightning
1996-01-30	Cold/Wind Chill		damage not reported	0, 0	NWS zone WIZ039 (BROWN), zone-level		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
1982-08-03	Thunderstorm Wind	78 kt (90 mph), measurement type not recorded	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Thunderstorm Wind
1959-05-10	Tornado	F2, 4.3 mi path length (whole path, pre-1996), 33 yd wide	\$2,500,000 property; crops not recorded (1959 dollars)	0, 3	location not recorded		B1-c worst recorded: Tornado
1956-07-01	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" (579 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
Coastal Flooding	0.0134	events per year at a location (modeled)	about 0.013 per year at a given location in the county		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
Cold Wave	5.58	event-days per year	about 5.58 days per year	Likely	Storm Events event-days in 14 of 30 years, 1996 to 2025 (46.7%)	106	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	0	event-days per year	none modeled	Likely	Storm Events event-days in 5 of 30 years, 1996 to 2025 (16.7%)	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); Storm Events has a record in 5 of 30 years. The descriptor comes from Storm Events, which counts D2 drought that NRI leaves out.
Earthquake	0.000373	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0373%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	1.84	events per year	about 1.84 per year	Highly likely	FEMA annualized frequency (modeled)	79.3 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	1.53	event-days per year	about 1.53 days per year	Likely	Storm Events event-days in 8 of 30 years, 1996 to 2025 (26.7%)	22	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.01	events per year	about 1 in 100 years	Possible	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 in B1-d.
Ice Storm	0.206	event-days per year	about 0.206 days per year	Possible	Storm Events event-days in 2 of 30 years, 1996 to 2025 (6.67%)	14	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	1.11	event-days per year	about 1.11 days per year	Likely	Storm Events event-days in 15 of 30 years, 1996 to 2025 (50%)	31	1996 to 2023 (28 years)	see B1-f	

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
Landslide	0.0968	events per year (modeled)	about 1 in 10 years	Possible	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	30.9	days per year with a strike	about 30.9 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	1.97	events per year	about 1.97 per year	Highly likely	FEMA annualized frequency (modeled)	74	1986 to 2023 (38 years)	countywide	
Tornado	0.224	events per year	about 1 in 4 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)			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
Wildfire	0.0000199	annual probability at a location	chance a given location in the county burns in a year: 0.00199%		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	15.8	event-days per year	about 15.8 days per year	Highly likely	Storm Events event-days in 30 of 30 years, 1996 to 2025 (100%)	301	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	42	30	1.4
Hail	2.00 in+	1996 to 2025	6	30	0.2
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	132	30	4.4
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	8	30	0.267
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	6	30	0.2
Tornado	EF0-1	1996 to 2025	13	30	0.433
Tornado	EF2-3	1996 to 2025	0	30	0
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	
Coastal Flooding	34 of 58	68.1	77.8	89.5	Relatively Moderate 1, Relatively Low 17, Very Low 16, No Rating 24
Cold Wave	58 of 58	48.0	92.1	98.5	Very High 16, Relatively High 39, Relatively Moderate 3
Drought	0 of 58				No Rating 58
Earthquake	58 of 58	0.2	9.0	32.2	Very Low 58
Hail	58 of 58	28.9	84.0	96.3	Relatively High 13, Relatively Moderate 43, Relatively Low 1, Very Low 1
Heat Wave	58 of 58	3.7	30.6	60.0	Relatively Moderate 2, Relatively Low 47, Very Low 9
Hurricane	58 of 58	10.9	22.0	32.1	Very Low 58
Ice Storm	58 of 58	1.9	17.0	41.7	Relatively Low 4, Very Low 54
Inland Flooding	58 of 58	0.4	58.0	99.1	Very High 3, Relatively High 8, Relatively Moderate 22, Relatively Low 21, Very Low 4
Landslide	55 of 58	17.9	54.1	87.8	Relatively Low 5, Very Low 50, No Rating 3
Lightning	58 of 58	24.6	82.2	96.7	Very High 2, Relatively High 33, Relatively Moderate 22, Relatively Low 1
Strong Wind	58 of 58	4.7	19.2	57.4	Relatively Moderate 1, Relatively Low 27, Very Low 30
Tornado	58 of 58	26.0	68.6	94.1	Very High 1, Relatively High 18, Relatively Moderate 37, Relatively Low 1, Very Low 1
Tsunami	0 of 58				Insufficient Data 58
Wildfire	55 of 58	19.4	46.5	72.8	Relatively Low 3, Very Low 52, No Rating 3
Winter Weather	58 of 58	25.2	63.4	82.9	Relatively High 4, Relatively Moderate 49, Relatively Low 5

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, 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.

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
Brown County	County	Approved, expires 2031-06-30	FMA RL 0, SRL 0; any 2	\$420,207.57	0 total; not yet covered	Includes \$420,207.57 for declarations not counted as hazard incidents (DR-4520-WI).
Allouez village	Village	Plan 112031 approved 2026-07-01, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	13 total; no approved plan	
Ashwaubenon village	Village	Plan 112031 approved 2026-07-01, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	no Public Assistance recorded	40 total; no approved plan	
Bellevue village	Village	Plan 112031 approved 2026-07-01, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	13 total; no approved plan	
De Pere city	City	Plan 112031 approved 2026-07-01, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$90,652.58	20 total; no approved plan	Includes \$90,652.58 for declarations not counted as hazard incidents (DR-4520-WI).
Denmark village	Village	Plan 112031 approved 2026-07-01, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	10 total; no approved plan	
Green Bay city	City	Plan 112031 approved 2026-07-01, pending adoption here; not yet eligible	FMA RL 0, SRL 2; any 9	no Public Assistance recorded	87 total; no approved plan	
Hobart village	Village	Plan 112031 approved 2026-07-01, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; no approved plan	
Howard village	Village	Plan 112031 approved 2026-07-01, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	no Public Assistance recorded	9 total; no approved plan	
Pulaski village	Village	Plan 112031 approved 2026-07-01, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	12 total; no approved plan	
Suamico village	Village	Approved, expires 2031-06-30	FMA RL 0, SRL 0; any 1	no Public Assistance recorded	17 total; not yet covered	

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
Wrightstown village	Village	Plan 112031 approved 2026-07-01, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	21 total; no approved plan	
Holland town	Town	Plan 112031 approved 2026-07-01, pending adoption here; not yet eligible		no Public Assistance recorded	3 total; no approved plan	No NFIP community ID on this jurisdiction's plan row.
Humboldt town	Town	Plan 112031 approved 2026-07-01, pending adoption here; not yet eligible		no Public Assistance recorded	0 total; no approved plan	No NFIP community ID on this jurisdiction's plan row.
Pittsfield town	Town	Plan 112031 approved 2026-07-01, pending adoption here; not yet eligible		no Public Assistance recorded	0 total; no approved plan	No NFIP community ID on this jurisdiction's plan row.
Rockland town	Town	Plan 112031 approved 2026-07-01, pending adoption here; not yet eligible		no Public Assistance recorded	0 total; no approved plan	No NFIP community ID on this jurisdiction's plan row.
Scott town	Town	Plan 112031 approved 2026-07-01, pending adoption here; not yet eligible		no Public Assistance recorded	0 total; no approved plan	No NFIP community ID on this jurisdiction's plan row.
Wrightstown town	Town	Approved, expires 2031-06-30		no Public Assistance recorded	21 total; not yet covered	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).

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

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 2026-07-01 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Coastal Flooding	\$17,466,892,409	n/a	13,062	\$68,048	n/a	\$1,264	0.00039%				
Cold Wave	\$85,693,036,006	\$376,929,661	268,585	\$158	\$586,594	\$24,909,920	under 0.0001%				
Drought	n/a	\$0	n/a	n/a	\$0	n/a					agriculture exposure is 0 in NRI
Earthquake	\$150,678,846,531	n/a	268,740	\$108,984	n/a	\$29,811	under 0.0001%				
Hail	\$85,693,036,006	\$376,929,661	268,585	\$3,596,201	\$82,089	\$378,366	0.0042%				
Heat Wave	\$85,693,036,006	\$376,929,661	268,585	\$10,116	\$2	\$1,468,794	under 0.0001%				
Hurricane	\$85,693,036,006	\$376,929,661	268,585	\$9,512	\$2,970	under \$1	under 0.0001%				
Ice Storm	\$85,337,488,822	n/a	267,679	\$41,390	n/a	\$53,821	under 0.0001%				
Inland Flooding	\$85,633,715,832	\$14,556,484	5,996	\$57,156,910	\$271,356	\$14,688	n/a (see note)				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	\$580,333,258	n/a	1,697	\$886	n/a	\$1,976	0.000153%				
Lightning	\$85,693,036,006	n/a	268,585	\$104,637	n/a	\$2,184,744	0.000122%				
Strong Wind	\$85,693,036,006	\$376,929,661	268,585	\$82,077	\$126,485	\$158,604	under 0.0001%				
Tornado	\$85,693,036,006	\$376,929,661	268,585	\$6,166,022	\$5,643	\$5,706,735	0.0072%				
Tsunami	n/a	n/a	n/a	n/a	n/a	n/a					NRI publishes no building exposure for this county

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 2026-07-01 <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
Wildfire	\$14,418,439,440	\$87,248,177	48,097	\$20,589	\$15	\$1,536	0.000143%				
Winter Weather	\$85,693,036,006	\$376,929,661	268,585	\$21,392	\$2,526	\$288,630	under 0.0001%				

Totals since 2026-07-01: Storm Events not yet covered: Storm Events data run through 2026-06-30, before the approval date, so there is no period to count yet; Public Assistance: no counted declaration since the plan.

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	268,585
Building value (total, not at risk)	\$85,693,036,006
Agriculture value (total, not at risk)	\$376,929,661
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$68,464,600
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)	\$35,198,889
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)	0	Severe repetitive loss, FMA definition (44 CFR 77.2)	2
Repetitive loss, NFIP insurance definition	14	Severe repetitive loss, NFIP insurance definition	2

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	0	2	14	2	14	0	4
of which: Brown County (unincorporated area)	0	0	2	0	2	0	0
of which: Green Bay city	0	2	9	2	9	0	3
of which: Howard village	0	0	1	0	1	0	0
of which: Ashwaubenon village	0	0	1	0	1	0	0
of which: Suamico village	0	0	1	0	1	0	1
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>
Brown County	550020	0	0	2	0	2	0	0
Allouez village	550612	0	0	0	0	0	0	0
Ashwaubenon village	550600	0	0	1	0	1	0	0
Bellevue village	550627	0	0	0	0	0	0	0
De Pere city	550021	0	0	0	0	0	0	0
Denmark village	550616	0	0	0	0	0	0	0
Green Bay city	550022	0	2	9	2	9	0	3
Hobart village	550626	0	0	0	0	0	0	0
Howard village	550023	0	0	1	0	1	0	0
Pulaski village	550024	0	0	0	0	0	0	0
Suamico village	550660	0	0	1	0	1	0	1
Wrightstown village	550025	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	0	1	12	1	12	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	2	1	2	0	1
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 14 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):

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 3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
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 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/>
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 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_scscd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scscd_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).

Reuse, citation and corrections

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Cite this: Hazard Plain (2026). Brown County, WI: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 55009). Automated baseline. <https://hazardplain.org/wi/55009/> Built from FEMA OpenFEMA, the FEMA National Risk Index and NOAA NCEI Storm Events; source versions in the packet's Sources list.

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