

Harrison County, IN

Risk-assessment baseline packet

County FIPS: 18061 Release: 2026-10 Data as of: 2026-09-30 Storm Events data through: 2026-06-30

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Summary

Plan status as of 2026-09-30: Approved, expires 2028-04-05. Plan: Harrison County 2023 Hazard Mitigation Plan (FEMA plan 108771), approved 2023-04-06. Since the plan was approved on 2023-04-06: 3 new hazard declarations (3 incidents) and 56 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 (\$8,777,545 a year), Tornado (\$4,700,376) and Cold Wave (\$1,376,897).

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; 18061 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 2028-04-05	Plan:	Harrison County 2023 Hazard Mitigation Plan (FEMA plan 108771)
Approved:	2023-04-06	Days to expiry:	553

What changed since your last plan (approved 2023-04-06)

New federal declarations:	3 new hazard declarations (3 incidents): DR-4882-IN (Severe Storms, Straight-Line Winds, Tornadoes, and Flooding), EM-3641-IN (Severe Winter Storm), EM-3651-IN (Severe Storms, Straight-Line Winds, Tornadoes, and Flooding)	Storm Events records since approval:	56 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 2, SRL 5 (44 CFR 77.2); any definition: 28	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
Harrison County	County	Approved, expires 2028-04-05	Harrison County 2023 Hazard Mitigation Plan (FEMA plan 108771)	2023-04-06	2028-04-05	553		this jurisdiction approved 2024-06-18
Corydon town	Town	Approved, expires 2028-04-05	Harrison County 2023 Hazard Mitigation Plan (FEMA plan 108771)	2023-04-06	2028-04-05	553		
Crandall town	Town	Plan 108771 approved 2023-04-06, pending adoption here; not yet eligible	Harrison County 2023 Hazard Mitigation Plan (FEMA plan 108771), pending adoption here	2023-04-06 by FEMA; not yet adopted here	2028-04-05 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Elizabeth town	Town	Approved, expires 2028-04-05	Harrison County 2023 Hazard Mitigation Plan (FEMA plan 108771)	2023-04-06	2028-04-05	553		this jurisdiction approved 2024-06-18
Laconia town	Town	Approved, expires 2028-04-05	Harrison County 2023 Hazard Mitigation Plan (FEMA plan 108771)	2023-04-06	2028-04-05	553		
Lanesville town	Town	Approved, expires 2028-04-05	Harrison County 2023 Hazard Mitigation Plan (FEMA plan 108771)	2023-04-06	2028-04-05	553		this jurisdiction approved 2024-06-18
Mauckport town	Town	Approved, expires 2028-04-05	Harrison County 2023 Hazard Mitigation Plan (FEMA plan 108771)	2023-04-06	2028-04-05	553		this jurisdiction approved 2024-06-18
Milltown town	Town	Plan 111455 approved 2026-07-15, pending adoption here; not yet eligible	Crawford County 2025 Hazard Mitigation Plan (FEMA plan 111455), pending adoption here	2026-07-15 by FEMA; not yet adopted here	2031-07-14 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
New Amsterdam town	Town	Approved, expires 2028-04-05	Harrison County 2023 Hazard Mitigation Plan (FEMA plan 108771)	2023-04-06	2028-04-05	553		this jurisdiction approved 2024-06-18
New Middletown town	Town	Approved, expires 2028-04-05	Harrison County 2023 Hazard Mitigation Plan (FEMA plan 108771)	2023-04-06	2028-04-05	553		this jurisdiction approved 2024-06-18
Palmyra town	Town	Approved, expires 2028-04-05	Harrison County 2023 Hazard Mitigation Plan (FEMA plan 108771)	2023-04-06	2028-04-05	553		this jurisdiction approved 2024-06-18
Crawford County Community School Corporation	School/School District	Approved, expires 2031-07-14	Crawford County 2025 Hazard Mitigation Plan (FEMA plan 111455)	2026-07-15	2031-07-14	1,748		

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Lanesville Community School Corporation	School/School District	Plan 108771 approved 2023-04-06, pending adoption here; not yet eligible	Harrison County 2023 Hazard Mitigation Plan (FEMA plan 108771), pending adoption here	2023-04-06 by FEMA; not yet adopted here	2028-04-05 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
North Harrison Community School Corporation	School/School District	Approved, expires 2028-04-05	Harrison County 2023 Hazard Mitigation Plan (FEMA plan 108771)	2023-04-06	2028-04-05	553		this jurisdiction approved 2024-06-18
South Harrison Community Schools	School/School District	Approved, expires 2028-04-05	Harrison County 2023 Hazard Mitigation Plan (FEMA plan 108771)	2023-04-06	2028-04-05	553		this jurisdiction approved 2024-06-18

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	EAL agriculture	Cost of expected deaths and injuries	EAL total (see note)	Storm Events records, 1996 to 2026-06-30	Storm Events coverage note
				<i>modeled dollars per year</i>	<i>modeled dollars per year</i>	<i>FEMA's dollar value per year, not property damage</i>	<i>modeled dollars per year</i>	<i>count</i>	
1	Inland Flooding	Relatively Low	Relatively Low	\$8,635,981	\$102,284	\$39,279	\$8,777,545	69	
2	Tornado	Relatively Moderate	Relatively Moderate	\$1,603,514	\$2,769	\$3,094,093	\$4,700,376	15	
3	Cold Wave	Relatively Low	Relatively Moderate	\$285	\$68,907	\$1,307,705	\$1,376,897	5	Includes 5 Frost/Freeze records (outside NRI's Cold Wave definition; counted in this table and in B1-d, not in the B1-e descriptor).
4	Strong Wind	Relatively Moderate	Relatively Moderate	\$105,748	\$51,968	\$997,365	\$1,155,081	196	Includes 8 High Wind and 1 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).

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
5	Earthquake	Relatively Low	Relatively Low	\$676,284	n/a	\$130,532	\$806,816		Storm Events does not record earthquakes.
6	Heat Wave	Relatively Low	Relatively Low	\$3,628	\$2	\$416,847	\$420,477	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
7	Lightning	Relatively Low	Relatively Low	\$8,638	n/a	\$243,318	\$251,956	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
8	Ice Storm	Relatively Moderate	Relatively Moderate	\$64,726	n/a	\$84,860	\$149,586	6	
9	Drought	Relatively Low	Relatively Low	n/a	\$107,041	n/a	\$107,041	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
10	Winter Weather	Relatively Moderate	Relatively Moderate	\$31,715	\$362	\$73,690	\$105,767	32	
11	Hail	Very Low	Very Low	\$35,047	\$2,012	\$50,559	\$87,618	97	
12	Wildfire	Very Low	Very Low	\$5,656	\$12	\$1,302	\$6,970	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
13	Hurricane	Very Low	Very Low	\$1,001	\$2,583	\$6	\$3,590	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Landslide	Very Low	Very Low	\$142	n/a	\$565	\$707	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 lightning, 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, tsunami 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 603 (Relatively Moderate, 79.4); tract 604.01 (Relatively Moderate, 79.1); tract 601 (Relatively Low, 74.8)
Hurricane	tract 601 (Very Low, 31.5); tract 606.01 (Very Low, 30.5); tract 606.02 (Very Low, 29.8)
Landslide	tract 603 (Relatively Low, 85.9); tract 606.01 (Relatively Low, 85.6); tract 605 (Very Low, 79.6)
Tornado	tract 603 (Very High, 99.4); tract 601 (Very High, 98.5); tract 604.01 (Very High, 98.2)
Wildfire	tract 603 (Relatively Low, 68.9); tract 601 (Very Low, 68.0); tract 604.01 (Very Low, 66.3)

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 603 is Census Tract 603). 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	0					
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	5 records, 2016 to 2025 (5 zone-level)		No crop damage reported in 5 records.		Countywide (zone-level records).	
Drought	U.S. Drought Monitor scale (D0 to D4)	0					Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					Storm Events does not record earthquakes; the USGS earthquake catalog is the source.

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Hail	hail size (inches)	101 records, 1982 to 2026	0.25 in to 2.75 in (median 1 in); 101 with a recorded value	2.75 in hail, 2023-05-09; same size also recorded on 2002-05-01	Hail, 2017-05-19, \$50,000 property; \$0 crops (2017 dollars)	Event records naming jurisdictions in the plan: Corydon town (25 records), Palmyra town (7 records), Laconia town (5 records), Lanesville town (5 records), Elizabeth town (4 records), New Middletown town (4 records), Crandall town (2 records), New Amsterdam town (2 records), Mauckport town (1 record).	
Excessive Heat, Heat	heat index (in event narratives)	0					
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)	6 records, 2003 to 2022 (6 zone-level)		No damage reported in 6 records.		Countywide (zone-level records).	
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	69 records, 1996 to 2026 (6 zone-level)		Flood, 1997-03-02, \$10,000,000 property; crops not reported (1997 dollars); NWS zone INZ090		Event records naming jurisdictions in the plan: Corydon town (16 records), Lanesville town (4 records), Crandall town (3 records), Elizabeth town (3 records), Palmyra town (3 records), Laconia town (1 record), New Middletown town (1 record). Zone- level records (6) 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)	0					Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	9 records, 1996 to 2024 (9 zone-level)	43 kt (49 mph) to 60 kt (69 mph) (median 50 kt (58 mph)); 9 with a recorded value	60 kt (69 mph) measured gust, High Wind, 2023-03-03; NWS zone INZ090	Strong Wind, 2012-12-20, \$2,000 property; \$0 crops (zone total, 2012 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	213 records, 1971 to 2026	40 kt (46 mph) to 90 kt (104 mph) (median 52 kt (60 mph)); 188 with a recorded value	90 kt (104 mph) estimated, Thunderstorm Wind, 2001-10-24		Event records naming jurisdictions in the plan: Corydon town (59 records), Lanesville town (12 records), Elizabeth town (8 records), Palmyra town (8 records), Mauckport town (7 records), Crandall town (3 records), Laconia town (3 records), New Amsterdam town (3 records), New Middletown town (2 records).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Tornado	Enhanced Fujita (Fujita before Feb 2007)	26 records, 1971 to 2026	F/EF0 to F/EF5 (median F/EF1); 26 with a recorded value	F5 tornado, 1974-04-03, 13.5 mi path length (whole path, pre-1996), 33 yd wide, damage not recorded (pre-1996 record), 2 direct deaths, 34 direct injuries	Tornado, 2018-07-20, \$600,000 property; \$0 crops (2018 dollars)	Event records naming jurisdictions in the plan: New Middletown town (3 records), Corydon town (2 records), Crandall town (2 records), Lanesville town (1 record), New Amsterdam town (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).
Wildfire	acres burned (local data)	0					
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	32 records, 1996 to 2026 (32 zone-level)		No damage reported in 32 records.		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: 22 declarations covering 19 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
2026-08-15	2026-08-11	EM-3651-IN	Emergency	Severe Storms, Straight-Line Winds, Tornadoes, and Flooding	Inland Flooding (primary); also designated: Strong Wind, Tornado	not yet in FEMA's PA summaries (they cover declarations through 2026-06-30)	new since last plan; within last 5 years	
2026-01-24	2026-01-23	EM-3641-IN	Emergency	Severe Winter Storm	Winter Weather	no Public Assistance recorded	new since last plan; within last 5 years	
2025-07-22	2025-03-30	DR-4882-IN	Major disaster	Severe Storms, Straight-Line Winds, Tornadoes, and Flooding	Inland Flooding (primary); also designated: Strong Wind, Tornado	\$171,273.45	new since last plan; within last 5 years	
2020-04-03	2020-01-20	DR-4515-IN	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$291,262.58		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2020-03-13	2020-01-20	EM-3456-IN	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded		same incident as DR-4515
2018-05-04	2018-02-14	DR-4363-IN	Major disaster	Severe Storms and Flooding	Inland Flooding	\$33,565.85		
2011-06-23	2011-04-19	DR-1997-IN	Major disaster	Severe Storms, Tornadoes, Straight-Line Winds, and	Strong Wind; Tornado	\$296,419.88		
2009-03-05	2009-01-26	DR-1828-IN	Major disaster	Severe Winter Storm	Winter Weather	\$525,545.55		
2008-09-23	2008-09-12	DR-1795-IN	Major disaster	Severe Storms and Flooding	Inland Flooding	\$1,327,999.32		
2005-09-10	2005-08-29	EM-3238-IN	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	no Public Assistance recorded		
2005-01-21	2005-01-01	DR-1573-IN	Major disaster	Severe Winter Storms and Flooding	Inland Flooding; Winter Weather	PA not declared for this county		
2005-01-11	2004-12-21	EM-3197-IN	Emergency	Snow	Winter Weather	\$79,564.22		
2004-09-01	2004-07-03	DR-1542-IN	Major disaster	Severe Storms, Tornadoes and Flooding	Inland Flooding; Tornado	\$26,799.83		
2004-06-03	2004-05-25	DR-1520-IN	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado	\$84,841.70		
1997-03-06	1997-02-28	DR-1165-IN	Major disaster	Severe Storms and Flooding	Inland Flooding	no Public Assistance recorded		
1996-07-03	1996-04-28	DR-1125-IN	Major disaster	Severe Storms and Flooding	Inland Flooding	PA not declared for this county		
1996-04-02	1996-01-06	DR-1109-IN	Major disaster	Blizzard of 96	Inland Flooding	no Public Assistance recorded		
1991-01-05	1990-12-28	DR-891-IN	Major disaster	Severe Storms & Flooding	Inland Flooding	PA not declared for this county		
1990-06-04	1990-05-15	DR-869-IN	Major disaster	Severe Storms, Tornadoes & Flooding	Inland Flooding; Tornado	no Public Assistance recorded		
1977-02-02	1977-02-02	EM-3028-IN	Emergency	Snowstorms	Winter Weather	no Public Assistance recorded		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
1974-04-04	1974-04-04	DR-423-IN	Major disaster	Tornadoes	Tornado	no Public Assistance recorded		
1968-07-30	1968-07-30	DR-247-IN	Major disaster	Flooding	Inland Flooding	no Public Assistance recorded		

School districts and special districts in this county: \$6,334.60 (included in the county total above). Public Assistance matched by applicant name to the school districts and special districts FEMA lists as plan participants in this county. They have no row of their own in the jurisdiction table, so their total is listed here. These dollars are already included in the county PA column of the declarations table (the FEMA record places each applicant in this county), so this line is not added to it.

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.

Statewide declarations

Source: 2

Declared	Incident began	FEMA number	Type	Title	Mapped hazard
2002-06-13	2002-04-28	DR-1418-IN	Major disaster	Severe Storms, Tornadoes and Flooding	Inland Flooding; Tornado
1964-03-17	1964-03-17	DR-162-IN	Major disaster	Severe Storms & Flooding	Inland Flooding
1961-05-20	1961-05-20	DR-113-IN	Major disaster	Floods	Inland Flooding
1954-10-26	1954-10-26	DR-30-IN	Major disaster	Flood	Inland Flooding

FEMA recorded these with designated area Statewide and no county, so they are listed on every county page in the state and not counted with county rows. Local data needed: whether each one affected this county.

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	5	1	0	1	0	0	1996 to 2026-06-30	Includes 5 Frost/Freeze records.
Drought	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Earthquake	0	0	0	0	0	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	101	19	3	22	0	0	1955 to 2026-06-30	
Heat Wave	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
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	6	0	0	1	0	0	1996 to 2026-06-30	
Inland Flooding	69	4	3	7	13	2	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
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	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Strong Wind	222	23	10	33	3	2	1955 to 2026-06-30	Includes 8 High Wind and 1 Strong Wind records.
Tornado	26	4	0	4	7	2	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	32	5	1	6	5	1	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
2023-05-09	Hail	2.75 in	property not reported; \$0 crops (2023 dollars)	0, 0	NEW MIDDLETOWN	new since last plan; within last 5 years	B1-c worst recorded: Hail
2023-03-03	High Wind	60 kt (69 mph) measured gust	damage not reported	0, 0	NWS zone INZ090 (HARRISON), zone-level	in the 12 months before plan approval; within last 5 years	B1-c worst recorded: High Wind and Strong Wind
2018-07-20	Tornado	EF1, 6 mi within this county, 250 yd wide	\$600,000 property; \$0 crops (2018 dollars)	0, 0	HILLGROVE to NEW MIDDLETOWN		B1-c most damaging: Tornado
2017-05-19	Hail	1.75 in	\$50,000 property; \$0 crops (2017 dollars)	0, 0	DEPAUW		B1-c most damaging: Hail
2012-12-20	Strong Wind	43 kt (49 mph) estimated gust	\$2,000 property; \$0 crops (zone total, 2012 dollars)	0, 0	NWS zone INZ090 (HARRISON), zone-level		B1-c most damaging: High Wind and Strong Wind
2001-10-24	Thunderstorm Wind	90 kt (104 mph) estimated	\$100,000 property; crops not reported (2001 dollars)	0, 0	ELIZABETH		B1-c worst recorded: Thunderstorm Wind
1997-03-02	Flood		\$10,000,000 property; crops not reported (zone total, 1997 dollars)	0, 0	NWS zone INZ090 (HARRISON), zone-level		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
1990-06-06	Tornado	F1, 1 mi path length (whole path, pre-1996), 23 yd wide	\$25,000 property; crops not recorded (1990 dollars)	0, 2	location not recorded		deaths or injuries recorded
1977-10-01	Tornado	F1, 0.5 mi path length (whole path, pre-1996), 40 yd wide	\$25,000 property; crops not recorded (1977 dollars)	1, 1	location not recorded		deaths or injuries recorded
1974-04-03	Tornado	F5, 13.5 mi path length (whole path, pre-1996), 33 yd wide	damage not recorded (pre-1996 record)	2, 34	location not recorded		deaths or injuries recorded
1971-05-06	Tornado	F1, 4.5 mi path length (whole path, pre-1996), 40 yd wide	\$25,000 property; crops not recorded (1971 dollars)	1, 2	location not recorded		deaths or injuries recorded
1971-04-27	Tornado	F1, 1.5 mi path length (whole path, pre-1996), 50 yd wide	\$25,000 property; crops not recorded (1971 dollars)	0, 2	location not recorded		deaths or injuries recorded

The full list is in the Excel file, sheet "B1-d Storm Events history" (461 rows).

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

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	1.32	event-days per year	about 1.32 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	25	2005-11-12 to 2024-11-12 (19 years)	countywide	No Storm Events cold wave record, 1996 to 2025.
Drought	2.22	event-days per year	about 2.22 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	56	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No Storm Events drought record, 1996 to 2025
Earthquake	0.00272	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.272%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	3.4	events per year	about 3.4 per year	Highly likely	FEMA annualized frequency (modeled)	129.3 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	5.74	event-days per year	about 5.74 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	88	2005-11-12 to 2024-11-12 (19 years)	countywide	No Storm Events heat wave record, 1996 to 2025
Hurricane	0.00662	events per year	about 1 in 151 years	Unlikely	FEMA annualized frequency (modeled)	1	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	0.75	event-days per year	about 0.75 days per year	Likely	Storm Events event-days in 6 of 30 years, 1996 to 2025 (20%)	51	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	1.71	event-days per year	about 1.71 days per year	Likely	Storm Events event-days in 22 of 30 years, 1996 to 2025 (73.3%)	48	1996 to 2023 (28 years)	see B1-f	
Landslide	0.713	events per year (modeled)	about 0.71 per year	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	52.4	days per year with a strike	about 52.4 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	5.84	events per year	about 5.84 per year	Highly likely	FEMA annualized frequency (modeled)	223	1986 to 2023 (38 years)	countywide	
Tornado	0.365	events per year	about 1 in 3 years	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	

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
Wildfire	0.0000301	annual probability at a location	chance a given location in the county burns in a year: 0.00301%		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	9.63	event-days per year	about 9.63 days per year	Likely	Storm Events event- days in 16 of 30 years, 1996 to 2025 (53.3%)	183	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 tsunامي 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.

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	65	30	2.17
Hail	2.00 in+	1996 to 2025	4	30	0.133
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	169	30	5.63
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	15	30	0.5
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	1	30	0.0333
Tornado	EF0-1	1996 to 2025	13	30	0.433
Tornado	EF2-3	1996 to 2025	1	30	0.0333
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

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	9 of 9	53.4	77.3	88.0	Relatively High 4, Relatively Moderate 5
Drought	9 of 9	82.6	88.5	91.6	Relatively Low 9
Earthquake	9 of 9	50.5	69.2	79.4	Relatively Moderate 2, Relatively Low 7
Hail	9 of 9	39.8	55.1	67.4	Relatively Low 9
Heat Wave	9 of 9	25.9	55.8	74.4	Relatively Moderate 4, Relatively Low 5
Hurricane	9 of 9	20.9	28.3	31.5	Very Low 9
Ice Storm	9 of 9	59.1	79.8	89.7	Relatively Moderate 7, Relatively Low 2
Inland Flooding	9 of 9	8.3	76.5	94.6	Relatively High 4, Relatively Moderate 3, Relatively Low 1, Very Low 1
Landslide	9 of 9	50.7	77.9	85.9	Relatively Low 2, Very Low 7
Lightning	9 of 9	48.4	78.5	91.7	Relatively High 5, Relatively Moderate 3, Relatively Low 1
Strong Wind	9 of 9	78.5	93.7	97.9	Very High 2, Relatively High 6, Relatively Moderate 1

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Tornado	9 of 9	75.8	94.7	99.4	Very High 6, Relatively High 3
Wildfire	9 of 9	54.5	64.4	68.9	Relatively Low 1, Very Low 8
Winter Weather	9 of 9	64.3	83.9	93.5	Relatively High 7, Relatively Moderate 2

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
Harrison County	County	Approved, expires 2028-04-05	FMA RL 2, SRL 5; any 24	\$269,842.68	0 total; 0 since its plan	
Corydon town	Town	Approved, expires 2028-04-05	FMA RL 0, SRL 0; any 0	\$91,174.85	102 total; 10 since its plan	
Crandall town	Town	Plan 108771 approved 2023-04-06, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	10 total; no approved plan	
Elizabeth town	Town	Approved, expires 2028-04-05	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	15 total; 0 since its plan	
Laconia town	Town	Approved, expires 2028-04-05	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	9 total; 3 since its plan	
Lanesville town	Town	Approved, expires 2028-04-05	FMA RL 0, SRL 0; any 0	\$31,067.76	22 total; 5 since its plan	
Mauckport town	Town	Approved, expires 2028-04-05	FMA RL 0, SRL 0; any 3	\$15,085.23	8 total; 2 since its plan	
Milltown town	Town	Plan 111455 approved 2026-07-15, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 4	no Public Assistance recorded	0 total; no approved plan	Whole community, including the part in Crawford County; in-county portion (county table): FMA RL 0, FMA SRL 0, NFIP RL 1, NFIP SRL 0, any category 1.
New Amsterdam town	Town	Approved, expires 2028-04-05	FMA RL 0, SRL 0; any 0	\$23,716.37	6 total; 1 since its plan	
New Middletown town	Town	Approved, expires 2028-04-05	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	10 total; 4 since its plan	
Palmyra town	Town	Approved, expires 2028-04-05	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	18 total; 0 since its plan	

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 2023-04-06 <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	\$8,177,053,741	\$114,160,590	39,636	\$285	\$68,907	\$1,307,705	under 0.0001%				
Drought	n/a	\$55,687,491	n/a	n/a	\$107,041	n/a	0.192% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$14,006,420,536	n/a	39,654	\$676,284	n/a	\$130,532	0.00483%				
Hail	\$8,177,053,741	\$114,160,590	39,636	\$35,047	\$2,012	\$50,559	0.000429%	\$0			
Heat Wave	\$8,177,053,741	\$114,160,590	39,636	\$3,628	\$2	\$416,847	under 0.0001%				
Hurricane	\$8,176,909,848	\$112,759,966	39,635	\$1,001	\$2,583	\$6	under 0.0001%				
Ice Storm	\$8,171,283,109	n/a	39,601	\$64,726	n/a	\$84,860	0.000792%				

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 2023-04-06 <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
Inland Flooding	\$8,159,540,903	\$6,530,216	827	\$8,635,981	\$102,284	\$39,279	n/a (see note)	\$0		\$171,273.45	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	\$305,755,723	n/a	1,676	\$142	n/a	\$565	under 0.0001%				
Lightning	\$8,177,053,741	n/a	39,636	\$8,638	n/a	\$243,318	0.000106%				
Strong Wind	\$8,177,053,741	\$114,160,590	39,636	\$105,748	\$51,968	\$997,365	0.00129%	\$0		\$171,273.45	
Tornado	\$8,177,053,741	\$114,160,590	39,636	\$1,603,514	\$2,769	\$3,094,093	0.0196%	\$0		\$171,273.45	
Wildfire	\$4,465,019,752	\$52,691,165	23,684	\$5,656	\$12	\$1,302	0.000127%				
Winter Weather	\$8,177,053,741	\$114,160,590	39,636	\$31,715	\$362	\$73,690	0.000388%			no Public Assistance recorded (1 declaration)	

Totals since 2023-04-06 (Storm Events through 2026-06-30): 49 county-coded records, 39 with a damage value recorded (including \$0), \$0; 7 zone-level records, 0 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance: \$171,273.45 on 3 counted declarations, 1 of them with Public Assistance.

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	39,636
Building value (total, not at risk)	\$8,177,053,741
Agriculture value (total, not at risk)	\$114,160,590
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$11,510,306
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)	\$6,440,121
Social vulnerability rating	Relatively Low
Community resilience rating	Relatively Moderate
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)	2	Severe repetitive loss, FMA definition (44 CFR 77.2)	5
Repetitive loss, NFIP insurance definition	28	Severe repetitive loss, NFIP insurance definition	5

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	2	5	28	5	28	0	14
of which: Milltown town	0	0	1	0	1	0	0
of which: Harrison County (unincorporated area)	2	5	24	5	24	0	11
of which: Mauckport town	0	0	3	0	3	0	3
Statewide, no county in FEMA's file	0	0	6	0	6	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>	Note
Harrison County	180085	2	5	24	5	24	0	11	
Corydon town	180086	0	0	0	0	0	0	0	
Crandall town	180416	0	0	0	0	0	0	0	
Elizabeth town	180610	0	0	0	0	0	0	0	
Laconia town	180611	0	0	0	0	0	0	0	
Lanesville town	180420	0	0	0	0	0	0	0	
Mauckport town	180403	0	0	3	0	3	0	3	
Milltown town	180034	0	1	4	1	4	0	0	Whole community, including the part in Crawford County; in-county portion (county table): FMA RL 0, FMA SRL 0, NFIP RL 1, NFIP SRL 0, any category 1.
New Amsterdam town	180308	0	0	0	0	0	0	0	
New Middletown town	180370	0	0	0	0	0	0	0	
Palmyra town	180612	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	2	5	20	5	20	0	10
2 to 4 unit residential	0	0	0	0	0	0	0
other residential	0	0	0	0	0	0	0
non-residential	0	0	8	0	8	0	4
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 26 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)
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)

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