

Wayne County, MI

Risk-assessment baseline packet

County FIPS: 26163 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: Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible. Plan: Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here, approved 2026-05-04 by FEMA; not yet adopted here.

Update: FEMA tracker shows a plan approvable pending adoption.

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$237,300,108 a year), Cold Wave (\$59,797,080) and Tornado (\$43,771,053).

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; 26163 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:	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Plan:	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here
Approved:	2026-05-04 by FEMA; not yet adopted here	Expires:	2031-05-03 once adopted
Update underway:	FEMA tracker shows a plan approvable pending adoption		

Not yet eligible: adopt the approved plan.

Not yet eligible: adopt the approved plan.

What changed since your last plan

Not available. Plan 111635 was approved by FEMA on 2026-05-04 but is not yet adopted here, so no since-plan counts are given.

Sources: 1, 2, 4, 6 (numbered list at the end)

Plan status for every jurisdiction listed in this county: 44 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
Wayne County	County	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Allen Park city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Belleville city	City	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		
Dearborn city	City	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		
Dearborn Heights city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Detroit city	City	Approved, expires 2027-03-16	City of Detroit (FEMA plan 106309)	2022-03-17	2027-03-16	167		
Ecorse city	City	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		this jurisdiction approved 2026-06-03
Flat Rock city	City	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		
Garden City city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Gibraltar city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Grosse Pointe city	City	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		this jurisdiction approved 2026-06-03
Grosse Pointe Farms city	City	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		this jurisdiction approved 2026-05-15

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Grosse Pointe Park city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Grosse Pointe Woods city	City	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		this jurisdiction approved 2026-05-11
Hamtramck city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Harper Woods city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Highland Park city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Inkster city	City	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		this jurisdiction approved 2026-06-24
Lincoln Park city	City	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		
Livonia city	City	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		this jurisdiction approved 2026-06-03
Melvindale city	City	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		this jurisdiction approved 2026-06-03
Northville city	City	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		Also approved under plan 109566 (Oakland County HMP Update, expires 2029-02-26). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last. this jurisdiction approved 2026-06-10

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Plymouth city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
River Rouge city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Riverview city	City	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		
Rockwood city	City	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		this jurisdiction approved 2026-07-22
Romulus city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Southgate city	City	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		
Taylor city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Trenton city	City	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		
Village of Grosse Pointe Shores city	Village	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Wayne city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Westland city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Woodhaven city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Wyandotte city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Brownstown charter township	Township	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		this jurisdiction approved 2026-06-03
Canton charter township	Township	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		
Grosse Ile township	Township	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Huron charter township	Township	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Northville township	Township	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		this jurisdiction approved 2026-05-11
Plymouth charter township	Township	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Redford charter township	Township	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Sumpter township	Township	Approved, expires 2031-05-03	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635)	2026-05-04	2031-05-03	1,676		this jurisdiction approved 2026-05-11
Van Buren charter township	Township	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	Wayne County 2026 Hazard Mitigation Plan (FEMA plan 111635), pending adoption here	2026-05-04 by FEMA; not yet adopted here	2031-05-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

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	Very High	Relatively High	\$236,707,312	\$112,753	\$480,043	\$237,300,108	114	
2	Cold Wave	Very High	Very High	\$1,805	\$11,468	\$59,783,807	\$59,797,080	21	Includes 1 Frost/Freeze record (outside NRI's Cold Wave definition; counted in this table and in B1-d, not in the B1-e descriptor).
3	Tornado	Very High	Very High	\$20,712,867	\$221	\$23,057,966	\$43,771,053	14	
4	Heat Wave	Relatively High	Relatively High	\$762	under \$1	\$31,796,076	\$31,796,838	17	
5	Strong Wind	Very High	Very High	\$6,682,699	\$9,052	\$6,037,174	\$12,728,926	495	Includes 41 High Wind and 5 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
6	Earthquake	Relatively Moderate	Relatively Moderate	\$7,006,777	n/a	\$2,932,699	\$9,939,476		Storm Events does not record earthquakes.
7	Ice Storm	Very High	Very High	\$2,111,850	n/a	\$677,644	\$2,789,494	5	
8	Lightning	Very High	Relatively High	\$139,040	n/a	\$2,348,571	\$2,487,611	21	
9	Winter Weather	Relatively High	Relatively High	\$457,155	\$100	\$33,291	\$490,547	57	
10	Hail	Relatively Low	Relatively Low	\$105,247	\$5,804	\$62,478	\$173,530	175	
11	Hurricane	Very Low	Very Low	\$117,136	\$1,320	\$1,433	\$119,889	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
12	Coastal Flooding	Relatively Low	Relatively Low	\$79,985	n/a	\$10,319	\$90,305	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
13	Wildfire	Very Low	Very Low	\$42,111	\$4	\$4,049	\$46,163	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Landslide	Very Low	Very Low	\$1,464	n/a	\$357	\$1,821	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
15	Drought	No Rating	No Expected Annual Losses	n/a	\$0	n/a	\$0	2	
	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 5799 (Relatively Low, 77.7); tract 5583.01 (Relatively Low, 75.4); tract 5208 (Relatively Low, 71.1)
Hurricane	tract 5583.01 (Very Low, 36.3); tract 5799 (Very Low, 36.1); tract 5058 (Very Low, 33.8)
Landslide	tract 5612 (Relatively Low, 82.8); tract 5884 (Very Low, 80.2); tract 5617 (Very Low, 79.6)
Tornado	tract 5799 (Relatively High, 85.9); tract 5583.01 (Relatively High, 80.4); tract 5736 (Relatively High, 79.1)
Tsunami	no tract has a National Risk Index rating for this hazard
Wildfire	tract 5893 (Relatively Low, 75.2); tract 5894.02 (Relatively Low, 72.4); tract 5884 (Relatively Low, 71.3)

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 5799 is Census Tract 5799). 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	20 records, 1996 to 2019 (20 zone-level)	1 day to 21 days (median 2 days); 18 with a recorded value	2003-01-10 to 2003-01-30 (3 records, 1 of them a monthly summary record), 2 direct deaths, zone-level	Cold/Wind Chill, 1999-01-11, \$250,000 property; crops not reported, reported for the zone (1999 dollars)	Countywide (zone-level records).	Wind chill: in event narratives only (local data needed).
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	1 record, 2007 (1 zone-level)		No crop damage reported in 1 record.		Countywide (zone-level records).	Temperature: in event narratives only (local data needed).
Drought	U.S. Drought Monitor scale (D0 to D4)	2 records, 2001 to 2002 (2 zone-level)	1 day to 30 days (median 15.5 days); 2 with a recorded value	30 days (1 month), 2002-09-01 to 2002-09-30, zone-level	Drought, 2001-07-01, property not reported; \$150,000,000 crops, reported for the zone (2001 dollars) (as recorded; larger than this county's annual agriculture value in the National Risk Index (the county or state extension service keeps crop loss records))	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)	223 records, 1955 to 2026	0.75 in to 4 in (median 0.88 in); 223 with a recorded value	4 in hail, 1955-11-13	Hail, 2010-06-04, \$5,000 property; \$0 crops (2010 dollars)	Event records naming jurisdictions in the plan: Detroit city (20 records), Wyandotte city (11 records), Westland city (9 records), Dearborn city (8 records), Northville city (8 records), Northville township (8 records), Woodhaven city (8 records), Plymouth charter township (7 records), Plymouth city (7 records), Riverview city (7 records); and 24 more jurisdictions (see the Excel file).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Excessive Heat, Heat	heat index (in event narratives)	17 records, 1999 to 2026 (17 zone-level)	1 day to 7 days (median 4 days); 13 with a recorded value	7 consecutive days, 2012-07-01 to 2012-07-07, zone-level		Countywide (zone-level records).	Heat index: in event narratives only (local data needed). Heat records from November to March (unseasonable warmth, not a heat wave) are counted but not used for the longest run.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	0					Storm Events files every zone of a storm's episode under the storm's type; flooding from the storm is filed as Flood or Flash Flood records.
Ice Storm	Sperry-Piltz ice scale (local data)	5 records, 1997 to 2023 (5 zone-level)		Ice Storm, 2023-02-22, \$16,000,000 property; \$0 crops (2023 dollars); NWS zone MIZ076		Countywide (zone-level records).	Ice thickness: in event narratives only (local data needed).
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	114 records, 1996 to 2025 (55 zone-level)		Flash Flood, 2014-08-11, \$1,100,000,000 property; \$0 crops (2014 dollars)		Event records naming jurisdictions in the plan: Northville city (12 records), Northville township (12 records), Detroit city (6 records), Livonia city (5 records), Redford charter township (5 records), Highland Park city (4 records), Allen Park city (2 records), Belleville city (2 records), Inkster city (2 records), Southgate city (2 records); and 7 more jurisdictions (see the Excel file). Zone-level records (55) 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					Physical measure: in event narratives only (local data needed).
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	21 records, 1997 to 2015		Lightning, 2007-06-27, \$0 property; \$0 crops (2007 dollars), 1 direct death	Lightning, 2015-08-03, \$300,000 property; \$0 crops (2015 dollars)	Event records naming jurisdictions in the plan: Allen Park city (2 records), Detroit city (2 records), Westland city (2 records), Belleville city (1 record), Dearborn Heights city (1 record), Dearborn city (1 record), Gibraltar city (1 record), Highland Park city (1 record), Lincoln Park city (1 record), Livonia city (1 record); and 4 more jurisdictions (see the Excel file).	Storm Events lists lightning with damage or casualties; physical measure in event narratives only (local data needed).
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	46 records, 1996 to 2026 (46 zone-level)	39 kt (45 mph) to 70 kt (81 mph) (median 52 kt (60 mph)); 46 with a recorded value	70 kt (81 mph), measurement type not recorded, High Wind, 1997-04-06, 1 direct injury (reported for the zone); NWS zone MIZ076	High Wind, 2017-03-08, \$25,000,000 property; \$0 crops, reported for the zone (2017 dollars)	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
Thunderstorm Wind	wind speed (kt and mph)	583 records, 1955 to 2026	43 kt (49 mph) to 90 kt (104 mph) (median 52 kt (60 mph)); 519 with a recorded value	90 kt (104 mph), measurement type not recorded, Thunderstorm Wind, 1960-07-22	Thunderstorm Wind, 1998-07-21, \$18,000,000 property; crops not reported (1998 dollars)	Event records naming jurisdictions in the plan: Detroit city (28 records), Dearborn city (21 records), Romulus city (21 records), Wyandotte city (21 records), Livonia city (18 records), Garden City city (15 records), Plymouth charter township (15 records), Plymouth city (15 records), Allen Park city (14 records), Redford charter township (13 records); and 21 more jurisdictions (see the Excel file).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	42 records, 1953 to 2026	F/EF0 to F/EF4 (median F/EF1); 42 with a recorded value	F4 tornado, 1956-05-12, 6.8 mi path length (whole path, pre-1996), 400 yd wide, \$250,000 property; crops not recorded (1956 dollars), 22 direct injuries	Tornado, 1997-07-02, \$90,000,000 property; crops not reported (1997 dollars)	Event records naming jurisdictions in the plan: Gibraltar city (3 records), Belleville city (2 records), Plymouth charter township (2 records), Plymouth city (2 records), Rockwood city (2 records), Detroit city (1 record), Hamtramck city (1 record), Highland Park city (1 record), Melvindale city (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					Physical measure: in event narratives only (local data needed).
Wildfire	acres burned (local data)	0					Acres burned: in event narratives only (local data needed).
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	57 records, 1996 to 2025 (57 zone-level)		Winter Storm, 2018-04-14, \$5,000,000 property; \$0 crops (2018 dollars); NWS zone MIZ076		Countywide (zone-level records).	Snow depth: in event narratives only (local data needed).

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".

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records whose zone 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.

A monthly summary record covers most or all of a month; it does not count days at wave conditions.

Supports FEMA checklist item B1-d: previous occurrences

Federal declarations for this county: 17 declarations covering 13 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

Plan 111635 was approved by FEMA on 2026-05-04 but is not yet adopted here, so no since-plan counts are given.

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
2024-02-08	2023-08-24	DR-4757-MI	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding (primary); also designated: Tornado	PA not declared for this county	within last 5 years	
2021-07-15	2021-06-25	DR-4607-MI	Major disaster	Severe Storms, Flooding, and Tornadoes	Inland Flooding; Tornado	\$26,522,723.33		
2020-03-27	2020-01-20	DR-4494-MI	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$359,970,686.03		
2020-03-13	2020-01-20	EM-3455-MI	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded		same incident as DR-4494
2014-09-25	2014-08-11	DR-4195-MI	Major disaster	Severe Storms and Flooding	Inland Flooding	\$7,422,454.79		
2005-09-07	2005-08-29	EM-3225-MI	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	\$271,421.32		
2004-06-30	2004-05-20	DR-1527-MI	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado	PA not declared for this county		
2003-09-23	2003-08-14	EM-3189-MI	Emergency	Power Outage	Non-natural, not counted	\$2,209,004.98		
2000-10-17	2000-09-10	DR-1346-MI	Major disaster	Severe Storms and Flooding	Inland Flooding	PA not declared for this county		
1999-01-27	1999-01-02	EM-3137-MI	Emergency	Mi - Severe Weather 1/2 /99	Winter Weather	\$2,166,824.57		
1998-08-05	1998-07-21	DR-1237-MI	Major disaster	Severe Storms and High Winds	Strong Wind	no Public Assistance recorded		
1997-07-11	1997-07-02	DR-1181-MI	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado	no Public Assistance recorded		
1980-09-08	1980-09-08	DR-631-MI	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1978-01-27	1978-01-27	EM-3057-MI	Emergency	Blizzards & Snowstorms	Winter Weather	no Public Assistance recorded		
1976-03-19	1976-03-19	DR-495-MI	Major disaster	Severe Storms, Tornadoes, Icing & Flooding	Inland Flooding; Tornado	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
1973-04-12	1973-04-12	DR-371-MI	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1972-12-01	1972-12-01	DR-363-MI	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.

Statewide declarations

Source: 2

Declared	Incident began	FEMA number	Type	Title	Mapped hazard
1956-04-05	1956-04-05	DR-53-MI	Major disaster	Tornado	Tornado
1953-06-09	1953-06-09	DR-6-MI	Major disaster	Tornado	Tornado
1953-06-02	1953-06-02	DR-4-MI	Major disaster	Tornado	Tornado

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.

Public Assistance filed under this county for declarations that do not list it: 1 row, \$15,866.27

Sources: 2, 3

FEMA number	Declared	Title	Applicant	PA obligated
				<i>federal share obligated, nominal dollars</i>
EM-3160-MI	2001-01-10	Snow	Northville, City of (Oakland County)	\$15,866.27

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.

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		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	21			0	0		1996 to 2026-06-30	Includes 1 Frost/Freeze record.
Drought	2			0	0		1996 to 2026-06-30	
Earthquake	0			0	0			Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	223			12	0		1955 to 2026-06-30	

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval records	In the 12 months before plan approval records	Last 5 years records	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Heat Wave	17			1	0		1996 to 2026-06-30	
Hurricane	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Ice Storm	5			1	0		1996 to 2026-06-30	
Inland Flooding	114			6	10		1996 to 2026-06-30	
Landslide	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	21			0	0		1996 to 2026-06-30	
Strong Wind	629			84	1		1955 to 2026-06-30	Includes 41 High Wind and 5 Strong Wind records.
Tornado	42			7	5		1950 to 2026-06-30	
Tsunami	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	57			4	2		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
2023-02-22	Ice Storm		\$16,000,000 property; \$0 crops, reported for the zone (2023 dollars)	0, 0	NWS zone MIZ076 (WAYNE), zone-level	within last 5 years	B1-c worst recorded: Ice Storm
2019-01-29	Cold/Wind Chill		\$0 property; \$0 crops, reported for the zone (2019 dollars)	2, 0	NWS zone MIZ076 (WAYNE), zone-level		deaths or injuries recorded
2018-04-14	Winter Storm		\$5,000,000 property; \$0 crops, reported for the zone (2018 dollars)	0, 0	NWS zone MIZ076 (WAYNE), zone-level		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2014-08-11	Flash Flood		\$1,100,000,000 property; \$0 crops (2014 dollars)	0, 0	EAST ROCKWOOD to GROSSE PT SHRS		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2012-07-01	Heat		\$0 property; \$0 crops, reported for the zone (2012 dollars)	0, 25	NWS zone MIZ076 (WAYNE), zone-level		B1-c worst recorded: Excessive Heat, Heat
2007-06-27	Lightning		\$0 property; \$0 crops (2007 dollars)	1, 0	DETROIT		B1-c worst recorded: Lightning
2003-01-10	Cold/Wind Chill		damage not reported	0, 0	NWS zone MIZ076 (WAYNE), zone-level		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
1998-07-21	Thunderstorm Wind	55 kt (63 mph), measurement type not recorded	\$825,000 property; crops not reported (1998 dollars)	2, 2	FLAT ROCK to GROSSE ILE NAS		deaths or injuries recorded
1997-07-02	Thunderstorm Wind	80 kt (92 mph), measurement type not recorded	\$10,000,000 property; crops not reported (1997 dollars)	5, 8	GROSSE PT FARMS		deaths or injuries recorded
1997-04-06	High Wind	70 kt (81 mph), measurement type not recorded	\$150,000 property; crops not reported, reported for the zone (1997 dollars)	0, 1	NWS zone MIZ076 (WAYNE), zone-level		B1-c worst recorded: High Wind and Strong Wind
1960-07-22	Thunderstorm Wind	90 kt (104 mph), measurement type not recorded	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Thunderstorm Wind
1956-05-12	Tornado	F4, 6.8 mi path length (whole path, pre-1996), 400 yd wide	\$250,000 property; crops not recorded (1956 dollars)	0, 22	location not recorded		B1-c worst recorded: Tornado

The full list is in the Excel file, sheet "B1-d Storm Events history" (1,131 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
Coastal Flooding	0.0146	events per year at a location (modeled)	about 0.015 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	2.68	event-days per year	about 2.68 days per year	Likely (from Storm Events: 14 of 30 years)	event-days in 14 of 30 years, 1996 to 2025 (46.7%)	51	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	0	event-days per year	none modeled	Possible (from Storm Events: 2 of 30 years)	event-days in 2 of 30 years, 1996 to 2025 (6.67%)	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 2 of 30 years. The descriptor comes from Storm Events, which counts D2 drought that NRI leaves out.
Earthquake	0.000952	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0952%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	2.85	events per year	about 2.85 per year	Highly likely	FEMA annualized frequency (modeled)	110.6 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	4.32	event-days per year	about 4.32 days per year	Likely (from Storm Events: 10 of 30 years)	event-days in 10 of 30 years, 1996 to 2025 (33.3%)	68	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.0109	events per year	about 1 in 91 years	Possible	FEMA annualized frequency (modeled)	4	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	1.88	event-days per year	about 1.88 days per year	Likely (from Storm Events: 5 of 30 years)	event-days in 5 of 30 years, 1996 to 2025 (16.7%)	120	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	3.14	event-days per year	about 3.14 days per year	Likely (from Storm Events: 25 of 30 years)	event-days in 25 of 30 years, 1996 to 2025 (83.3%)	88	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	0.105	events per year (modeled)	about 1 in 10 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	36.6	days per year with a strike	about 36.6 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	5.1	events per year	about 5.1 per year	Highly likely	FEMA annualized frequency (modeled)	184	1986 to 2023 (38 years)	countywide	
Tornado	0.277	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	0.0000194	annual probability at a location	chance a given location in the county burns in a year: 0.00194%		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	10.2	event-days per year	about 10.2 days per year	Likely (from Storm Events: 26 of 30 years)	event-days in 26 of 30 years, 1996 to 2025 (86.7%)	194	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	70	30	2.33
Hail	2.00 in+	1996 to 2025	3	30	0.1
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	424	30	14.1
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	13	30	0.433
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	3	30	0.1
Tornado	EF0-1	1996 to 2025	10	30	0.333
Tornado	EF2-3	1996 to 2025	2	30	0.0667
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	41 of 625	69.6	75.7	90.6	Relatively Moderate 1, Relatively Low 14, Very Low 26, No Rating 584
Cold Wave	625 of 625	15.4	68.5	92.0	Relatively High 115, Relatively Moderate 444, Relatively Low 23, Very Low 43
Drought	0 of 625				No Rating 625
Earthquake	625 of 625	0.3	36.0	77.7	Relatively Low 201, Very Low 424
Hail	625 of 625	0.2	7.6	24.9	Very Low 625
Heat Wave	625 of 625	1.3	62.3	90.7	Relatively High 22, Relatively Moderate 382, Relatively Low 174, Very Low 47
Hurricane	625 of 625	9.4	23.3	36.3	Very Low 625
Ice Storm	625 of 625	0.1	48.2	87.7	Relatively Moderate 31, Relatively Low 513, Very Low 81
Inland Flooding	625 of 625	0.1	27.3	98.1	Very High 3, Relatively High 16, Relatively Moderate 101, Relatively Low 342, Very Low 163
Landslide	508 of 625	8.6	33.2	82.8	Relatively Low 1, Very Low 507, No Rating 117
Lightning	625 of 625	0.1	25.2	57.7	Relatively Moderate 9, Relatively Low 416, Very Low 200
Strong Wind	625 of 625	0.3	57.0	89.8	Relatively High 10, Relatively Moderate 343, Relatively Low 244, Very Low 28
Tornado	625 of 625	0.5	53.2	85.9	Relatively High 9, Relatively Moderate 297, Relatively Low 287, Very Low 32
Tsunami	0 of 625				Insufficient Data 625
Wildfire	419 of 625	18.5	31.2	75.2	Relatively Low 5, Very Low 414, No Rating 206
Winter Weather	625 of 625	10.7	28.5	65.8	Relatively Moderate 15, Relatively Low 590, Very Low 20

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
Wayne County	County	Plan 111635 approved 2026-05-04, 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.
Allen Park city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 8	\$245,992.08	19 total; no approved plan	Includes \$79,432.98 for declarations not counted as hazard incidents (DR-4494-MI, EM-3189-MI).
Belleville city	City	Approved, expires 2031-05-03	FMA RL 0, SRL 0; any 0	\$3,986.42	21 total; 0 since its plan	
Dearborn city	City	Approved, expires 2031-05-03	FMA RL 0, SRL 1; any 1	\$5,502,973.01	31 total; 1 since its plan	Includes \$1,491,878.23 for declarations not counted as hazard incidents (DR-4494-MI, EM-3189-MI).
Dearborn Heights city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 2, SRL 1; any 58	\$1,848,240.99	14 total; no approved plan	Includes \$994,151.96 for declarations not counted as hazard incidents (DR-4494-MI, EM-3189-MI).
Detroit city	City	Approved, expires 2027-03-16	FMA RL 0, SRL 0; any 68	\$55,435,222.55	57 total; 3 since its plan	Includes \$46,189,720.30 for declarations not counted as hazard incidents (DR-4494-MI, EM-3189-MI, EM-3225-MI).
Ecorse city	City	Approved, expires 2031-05-03	FMA RL 0, SRL 0; any 7	\$95,234.24	6 total; 0 since its plan	Includes \$40,001.76 for declarations not counted as hazard incidents (DR-4494-MI, EM-3189-MI).
Flat Rock city	City	Approved, expires 2031-05-03	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	10 total; 0 since its plan	
Garden City city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$466,207.73	18 total; no approved plan	Includes \$27,822.17 for declarations not counted as hazard incidents (DR-4494-MI, EM-3189-MI).
Gibraltar city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 1, SRL 2; any 5	\$7,353.55	5 total; no approved plan	Includes \$2,670.80 for declarations not counted as hazard incidents (EM-3189-MI).
Grosse Pointe city	City	Approved, expires 2031-05-03	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	2 total; 0 since its plan	
Grosse Pointe Farms city	City	Approved, expires 2031-05-03	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan	
Grosse Pointe Park city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$1,055,142.78	0 total; no approved plan	

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
Grosse Pointe Woods city	City	Approved, expires 2031-05-03	FMA RL 0, SRL 0; any 0	\$122,741.48	0 total; 0 since its plan	Includes \$3,634.33 for declarations not counted as hazard incidents (EM-3189-MI).
Hamtramck city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$235,856.37	11 total; no approved plan	Includes \$13,993.63 for declarations not counted as hazard incidents (EM-3189-MI).
Harper Woods city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$104,327.74	9 total; no approved plan	
Highland Park city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$182,632.42	19 total; no approved plan	Includes \$26,965.84 for declarations not counted as hazard incidents (DR-4494-MI, EM-3189-MI).
Inkster city	City	Approved, expires 2031-05-03	FMA RL 0, SRL 0; any 0	\$282,265.80	17 total; 1 since its plan	Includes \$11,330.31 for declarations not counted as hazard incidents (EM-3189-MI).
Lincoln Park city	City	Approved, expires 2031-05-03	FMA RL 0, SRL 0; any 8	\$98,876.62	14 total; 0 since its plan	Includes \$8,639.92 for declarations not counted as hazard incidents (EM-3189-MI).
Livonia city	City	Approved, expires 2031-05-03	FMA RL 0, SRL 0; any 0	\$219,557.57	27 total; 1 since its plan	Includes \$150,037.82 for declarations not counted as hazard incidents (DR-4494-MI, EM-3189-MI).
Melvindale city	City	Approved, expires 2031-05-03	FMA RL 0, SRL 0; any 0	\$30,714.68	3 total; 0 since its plan	Includes \$18,603.74 for declarations not counted as hazard incidents (EM-3189-MI).
Northville city	City	Approved, expires 2031-05-03	FMA RL 0, SRL 0; any 0	\$37,389.50	33 total; 0 since its plan	Also approved under plan 109566 (Oakland County HMP Update, expires 2029-02-26). FEMA's plan status map shows one plan per jurisdiction and may show one of these; this packet uses the approved plan that expires last. Includes \$5,454.55 for declarations not counted as hazard incidents (EM-3189-MI).
Plymouth city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$58,393.60	24 total; no approved plan	Includes \$45,608.88 for declarations not counted as hazard incidents (DR-4494-MI, EM-3189-MI).
River Rouge city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$50,376.04	4 total; no approved plan	Includes \$15,770.12 for declarations not counted as hazard incidents (EM-3189-MI).
Riverview city	City	Approved, expires 2031-05-03	FMA RL 0, SRL 0; any 0	\$130,584.58	19 total; 0 since its plan	Includes \$92,519.23 for declarations not counted as hazard incidents (DR-4494-MI, EM-3189-MI).
Rockwood city	City	Approved, expires 2031-05-03	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	4 total; 1 since its plan	

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
Romulus city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$40,217.51	29 total; no approved plan	Includes \$12,131.63 for declarations not counted as hazard incidents (EM-3189-MI).
Southgate city	City	Approved, expires 2031-05-03	FMA RL 0, SRL 0; any 0	\$220,061.25	8 total; 0 since its plan	Includes \$47,322.84 for declarations not counted as hazard incidents (DR-4494-MI, EM-3189-MI).
Taylor city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 3	\$406,437.55	13 total; no approved plan	Includes \$199,083.89 for declarations not counted as hazard incidents (DR-4494-MI, EM-3189-MI).
Trenton city	City	Approved, expires 2031-05-03	FMA RL 0, SRL 0; any 2	\$21,894.91	4 total; 0 since its plan	Includes \$10,092.01 for declarations not counted as hazard incidents (EM-3189-MI).
Village of Grosse Pointe Shores city	Village	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; no approved plan	
Wayne city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	8 total; no approved plan	
Westland city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	no Public Assistance recorded	22 total; no approved plan	
Woodhaven city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$66,975.41	13 total; no approved plan	Includes \$51,765.96 for declarations not counted as hazard incidents (DR-4494-MI, EM-3189-MI).
Wyandotte city	City	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 2	\$208,272.77	32 total; no approved plan	Includes \$95,047.67 for declarations not counted as hazard incidents (EM-3189-MI).
Brownstown charter township	Township	Approved, expires 2031-05-03	FMA RL 0, SRL 1; any 5	\$21,530.65	0 total; 0 since its plan	Includes \$12,341.01 for declarations not counted as hazard incidents (EM-3189-MI).
Canton charter township	Township	Approved, expires 2031-05-03	FMA RL 1, SRL 0; any 1	\$35,492.93	0 total; 0 since its plan	Includes \$21,117.25 for declarations not counted as hazard incidents (EM-3189-MI).
Grosse Ile township	Township	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 4	\$6,034.50	0 total; no approved plan	Includes \$0 for declarations not counted as hazard incidents (DR-4494-MI).

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
Huron charter township	Township	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; no approved plan	
Northville township	Township	Approved, expires 2031-05-03	FMA RL 0, SRL 0; any 0	\$25,326.54	33 total; 0 since its plan	Includes \$25,326.54 for declarations not counted as hazard incidents (DR-4494-MI).
Plymouth charter township	Township	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 2	\$49,362.52	24 total; no approved plan	Includes \$29,878.87 for declarations not counted as hazard incidents (DR-4494-MI, EM-3189-MI).
Redford charter township	Township	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 7	\$79,811.49	24 total; no approved plan	Includes \$2,884.58 for declarations not counted as hazard incidents (EM-3189-MI).
Sumpter township	Township	Approved, expires 2031-05-03	FMA RL 0, SRL 0; any 0	\$33,554.18	9 total; 0 since its plan	Includes \$33,554.18 for declarations not counted as hazard incidents (DR-4494-MI, EM-3189-MI).
Van Buren charter township	Township	Plan 111635 approved 2026-05-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$51,955.52	0 total; no approved plan	Includes \$51,955.52 for declarations not counted as hazard incidents (DR-4494-MI, EM-3189-MI).

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

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

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

Local data needed

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

Plan 111635 was approved by FEMA on 2026-05-04 but is not yet adopted here, so no since-plan counts are given.

- 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 plan <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	\$14,364,530,375	n/a	66,947	\$79,985	n/a	\$10,319	0.000557%				
Cold Wave	\$356,401,791,919	\$29,782,147	1,792,549	\$1,805	\$11,468	\$59,783,807	under 0.0001%				
Drought	n/a	\$0	n/a	n/a	\$0	n/a					agriculture exposure is 0 in NRI
Earthquake	\$625,001,264,039	n/a	1,793,561	\$7,006,777	n/a	\$2,932,699	0.00112%				
Hail	\$356,401,791,919	\$29,782,147	1,792,549	\$105,247	\$5,804	\$62,478	under 0.0001%				
Heat Wave	\$356,401,791,919	\$29,782,147	1,792,549	\$762	under \$1	\$31,796,076	under 0.0001%				
Hurricane	\$356,105,974,230	\$29,782,147	1,790,131	\$117,136	\$1,320	\$1,433	under 0.0001%				
Ice Storm	\$356,385,909,406	n/a	1,792,483	\$2,111,850	n/a	\$677,644	0.000593%				
Inland Flooding	\$356,251,301,865	\$3,090,708	40,235	\$236,707,312	\$112,753	\$480,043	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	\$920,218,989	n/a	2,955	\$1,464	n/a	\$357	0.000159%				
Lightning	\$356,401,791,919	n/a	1,792,549	\$139,040	n/a	\$2,348,571	under 0.0001%				
Strong Wind	\$356,401,791,919	\$29,782,147	1,792,549	\$6,682,699	\$9,052	\$6,037,174	0.00188%				
Tornado	\$356,401,791,919	\$29,782,147	1,792,549	\$20,712,867	\$221	\$23,057,966	0.00581%				

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 plan <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
Tsunami	n/a	n/a	n/a	n/a	n/a	n/a					NRI publishes no building exposure for this county
Wildfire	\$33,872,892,936	\$14,503,614	158,369	\$42,111	\$4	\$4,049	0.000124%				
Winter Weather	\$356,401,791,919	\$29,782,147	1,792,549	\$457,155	\$100	\$33,291	0.000128%				

Totals since the plan: not available. Plan 111635 was approved by FEMA on 2026-05-04 but is not yet adopted here, so no since-plan counts are given.

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	1,792,549
Building value (total, not at risk)	\$356,401,791,919
Agriculture value (total, not at risk)	\$29,782,147
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$274,306,935
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)	\$127,225,906
Social vulnerability rating	Relatively High
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)	4	Severe repetitive loss, FMA definition (44 CFR 77.2)	6
Repetitive loss, NFIP insurance definition	183	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	4	6	183	5	184	1	101
of which: Allen Park city	0	0	8	0	8	0	2
of which: Brownstown charter township	0	1	5	1	5	0	0
of which: Canton township	1	0	1	0	1	0	1
of which: Dearborn city	0	1	1	1	1	0	1
of which: Dearborn Heights city	2	1	58	1	58	0	31
of which: Detroit city	0	0	68	0	68	0	44
of which: Ecorse city	0	0	7	0	7	0	2
of which: Gibraltar city	1	2	5	2	5	0	2
of which: Grosse Ile township	0	0	4	0	4	0	1
of which: Lincoln Park city	0	0	8	0	8	0	5
of which: Plymouth city	0	0	1	0	1	0	1
of which: Plymouth charter township	0	0	2	0	2	0	1
of which: Redford township	0	0	7	0	7	0	6
of which: Trenton city	0	0	2	0	2	0	0
of which: Wyandotte city	0	1	1	0	2	1	0
of which: Romulus city	0	0	1	0	1	0	1
of which: Taylor city	0	0	3	0	3	0	3
of which: Westland city	0	0	1	0	1	0	0
Statewide, no county in FEMA's file	0	0	4	0	4	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>
Allen Park city	260217	0	0	8	0	8	0	2
Belleville city	260544	0	0	0	0	0	0	0
Dearborn city	260220	0	1	1	1	1	0	1
Dearborn Heights city	260221	2	1	58	1	58	0	31
Detroit city	260222	0	0	68	0	68	0	44
Ecorse city	260223	0	0	7	0	7	0	2
Flat Rock city	260224	0	0	0	0	0	0	0
Garden City city	260225	0	0	0	0	0	0	0
Gibraltar city	260226	1	2	5	2	5	0	2
Grosse Pointe city	260228	0	0	0	0	0	0	0
Grosse Pointe Farms city	260229	0	0	0	0	0	0	0
Grosse Pointe Park city	260230	0	0	0	0	0	0	0
Grosse Pointe Woods city	260231	0	0	0	0	0	0	0
Hamtramck city	260308	0	0	0	0	0	0	0
Harper Woods city	260214	0	0	0	0	0	0	0
Highland Park city	260295	0	0	0	0	0	0	0
Inkster city	260232	0	0	0	0	0	0	0
Lincoln Park city	260234	0	0	8	0	8	0	5
Livonia city	260233	0	0	0	0	0	0	0
Melvindale city	260310	0	0	0	0	0	0	0
Northville city	260235	0	0	0	0	0	0	0
Plymouth city	260236	0	0	1	0	1	0	1
River Rouge city	260239	0	0	0	0	0	0	0
Riverview city	260240	0	0	0	0	0	0	0
Rockwood city	260241	0	0	0	0	0	0	0
Romulus city	260381	0	0	1	0	1	0	1
Southgate city	260242	0	0	0	0	0	0	0
Taylor city	260728	0	0	3	0	3	0	3
Trenton city	260244	0	0	2	0	2	0	0
Village of Grosse Pointe Shores city	260250	0	0	0	0	0	0	0
Wayne city	260245	0	0	0	0	0	0	0
Westland city	260739	0	0	1	0	1	0	0
Woodhaven city	260730	0	0	0	0	0	0	0

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>
Wyandotte city	260246	0	1	1	0	2	1	0
Brownstown charter township	260218	0	1	5	1	5	0	0
Canton charter township	260219	1	0	1	0	1	0	1
Grosse Ile township	260227	0	0	4	0	4	0	1
Huron charter township	260545	0	0	0	0	0	0	0
Northville township	260669	0	0	0	0	0	0	0
Plymouth charter township	260237	0	0	2	0	2	0	1
Redford charter township	260238	0	0	7	0	7	0	6
Sumpter township	260243	0	0	0	0	0	0	0
Van Buren charter township	260546	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	4	4	172	4	172	0	98
2 to 4 unit residential	0	1	4	0	5	1	2
other residential	0	1	2	1	2	0	1
non-residential	0	0	5	0	5	0	0
not reported	0	0	0	0	0	0	0

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

FMA RL and FMA SRL are the Flood Mitigation Assistance definitions (44 CFR 77.2), the ones the FEMA Local Mitigation Planning Policy Guide cites. NFIP repetitive loss (the FEMA insurance definition) is 2 or more claims over \$1,000 in 10 years, and a property can leave that group once it is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured. The Methods page gives the OpenFEMA field details.

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

In this county 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 179 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-29T134039Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-29T162832Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-30, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-30, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-30, <https://www.weather.gov/gis/ZoneCounty>
8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-30, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_cousubs_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_place_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_unsd_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_elsd_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_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)

What this packet is and what the plan adds

This packet is the federal data for the plan's risk assessment, organized by the items of FEMA's Local Mitigation Plan Review Tool, Element B. Each section heading names the item its tables support; the plan and FEMA's review decide whether the 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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