

Summit County, OH

Risk-assessment baseline packet

County FIPS: 39153 **Release:** 2026-10 **Data as of:** 2026-09-30 **Storm Events data through:** 2026-06-30

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

Summary

Plan status as of 2026-09-30: Approved, expires 2029-04-18. Plan: Summit County (FEMA plan 109754), approved 2024-04-19.

Since the plan was approved on 2024-04-19: no new hazard declaration and 68 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 (\$64,964,750 a year), Hail (\$13,239,875) and Tornado (\$7,949,036).

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; 39153 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 2029-04-18	Plan:	Summit County (FEMA plan 109754)
Approved:	2024-04-19	Days to expiry:	931

What changed since your last plan (approved 2024-04-19)

New federal declarations:	none	Storm Events records since approval:	68 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 1, SRL 13 (44 CFR 77.2); any definition: 94	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: 27 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 negative = days since expiry	Notes
Summit County	County	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	
Akron city	City	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Barberton city	City	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Boston Heights village	Village	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Clinton village	Village	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-07-31
Cuyahoga Falls city	City	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Fairlawn city	City	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Green city	City	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Hudson city	City	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Lakemore village	Village	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Macedonia city	City	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Mogadore village	Village	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Munroe Falls city	City	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
New Franklin city	City	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-06-18
Northfield village	Village	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Norton city	City	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Peninsula village	Village	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Reminderville village	Village	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Richfield village	Village	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Notes
						negative = days since expiry	
Silver Lake village	Village	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Stow city	City	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Tallmadge city	City	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Twinsburg city	City	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Northeast Ohio Regional Sewer District	Special District	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Richfield Joint Recreation District	Special District	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
Summit Metro Parks	Special District	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11
University of Akron	College/University	Approved, expires 2029-04-18	Summit County (FEMA plan 109754)	2024-04-19	2029-04-18	931	this jurisdiction approved 2024-12-11

Supports FEMA checklist item B1-a: hazard identification

Hazards NRI does not cover (local data needed)

- dam failure (incl. upstream dams)
- levee failure
- flash flood as its own subtype
- ice jams
- debris flows
- erosion (riverine and coastal)
- land subsidence and sinkholes
- expansive soils

The 18 National Risk Index hazards, ranked by expected annual loss (EAL)

Sources: 5, 6

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
1	Inland Flooding	Relatively High	Relatively High	\$62,576,459	\$7,629	\$2,380,661	\$64,964,750	67	
2	Hail	Relatively High	Relatively High	\$13,110,109	\$2,384	\$127,381	\$13,239,875	209	
3	Tornado	Relatively High	Relatively Moderate	\$4,786,074	\$74	\$3,162,888	\$7,949,036	10	
4	Strong Wind	Relatively High	Relatively High	\$2,333,622	\$5,168	\$1,627,330	\$3,966,119	366	Includes 46 High Wind and 6 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
5	Heat Wave	Relatively Moderate	Relatively Moderate	\$18,834	under \$1	\$3,128,466	\$3,147,301	2	
6	Cold Wave	Relatively Moderate	Relatively Moderate	\$13,921	\$3,159	\$2,737,749	\$2,754,829	11	
7	Lightning	Relatively High	Relatively High	\$53,507	n/a	\$1,929,668	\$1,983,175	7	
8	Ice Storm	Relatively High	Very High	\$1,421,742	n/a	\$276,759	\$1,698,501	2	
9	Earthquake	Relatively Low	Relatively Low	\$1,169,759	n/a	\$254,593	\$1,424,351		Storm Events does not record earthquakes.
10	Winter Weather	Relatively High	Relatively High	\$455,495	\$75	\$316,039	\$771,608	74	
11	Hurricane	Relatively Low	Relatively Low	\$230,743	\$1,054	\$7,019	\$238,816	0	Declared 1 time; no Storm Events record of this type.

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
12	Wildfire	Very Low	Very Low	\$49,152	\$5	\$7,759	\$56,916	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
13	Landslide	Very Low	Very Low	\$844	n/a	\$671	\$1,516	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Drought	No Rating	No Expected Annual Losses	n/a	\$0	n/a	\$0	5	

Total = buildings + agriculture + population equivalence; FEMA values each expected death (or 10 injuries) at \$13.7 million (2024 dollars).

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

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

Not applicable to this county per NRI, with no federal declaration and no Storm Events record since 1996: avalanche, coastal flooding, 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 5089 (Relatively Low, 75.2); tract 5068 (Relatively Low, 55.4); tract 5083.01 (Relatively Low, 51.6)
Hurricane	tract 5327.01 (Relatively Low, 52.3); tract 5329.02 (Very Low, 50.0); tract 5340 (Very Low, 48.5)
Landslide	tract 5326 (Relatively Low, 87.1); tract 5080 (Relatively Low, 86.5); tract 5323.02 (Relatively Low, 84.2)
Tornado	tract 5327.01 (Relatively Moderate, 71.8); tract 5089 (Relatively Moderate, 67.9); tract 5329.02 (Relatively Moderate, 67.2)
Wildfire	tract 5325.02 (Relatively Low, 73.2); tract 5323.02 (Relatively Low, 72.2); tract 5317.02 (Relatively Low, 72.2)

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 5089 is Census Tract 5089). 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	11 records, 1996 to 2022 (11 zone-level)	1 day to 10 days (median 2 days); 11 with a recorded value	10 consecutive days, 1997-01-10 to 1997-01-19, zone-level	Cold/Wind Chill, 1996-02-02, \$500,000 property; crops not reported (zone total, 1996 dollars)	Countywide (zone-level records).	
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	0					
Drought	U.S. Drought Monitor scale (D0 to D4)	5 records, 1996 to 1999 (5 zone-level)	31 days to 122 days (median 76.5 days); 2 with a recorded value	122 days (4 months), 1999-06-01 to 1999-09-30, a run of 4 consecutive Storm Events drought records, zone-level	Drought, 1999-09-01, property not reported; \$1,500,000 crops (zone total, 1999 dollars)	Countywide (zone-level records).	Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	hail size (inches)	259 records, 1955 to 2026	0.75 in to 4.25 in (median 0.88 in); 259 with a recorded value	4.25 in hail, 2007-06-08		Event records naming jurisdictions in the plan: Akron city (38 records), Cuyahoga Falls city (25 records), Twinsburg city (15 records), Tallmadge city (11 records), Barberton city (10 records), Clinton village (10 records), Fairlawn city (10 records), Hudson city (10 records), Norton city (10 records), Stow city (9 records); and 8 more jurisdictions (see the Excel file).	
Excessive Heat, Heat	heat index (in event narratives)	2 records, 1999 (2 zone-level)	7 days to 31 days (median 19 days); 2 with a recorded value	July 1999 (1 monthly summary record), zone-level		Countywide (zone-level records).	
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)	2 records, 2005 to 2007 (2 zone-level)		Ice Storm, 2005-01-05, \$2,400,000 property; crops not reported (2005 dollars); NWS zone OHZ021		Countywide (zone-level records).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	67 records, 1996 to 2024 (8 zone-level)		Flash Flood, 2003-07-21, \$100,000,000 property; crops not reported (2003 dollars), 3 direct deaths		Event records naming jurisdictions in the plan: Akron city (6 records), Norton city (5 records), Twinsburg city (5 records), Barberton city (4 records), Hudson city (4 records), Tallmadge city (4 records), Silver Lake village (3 records), Cuyahoga Falls city (2 records), Fairlawn city (2 records), Mogadore village (1 record); and 4 more jurisdictions (see the Excel file). Zone-level records (8) 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)	7 records, 1996 to 2004		Lightning, 1997-08-16, \$80,000 property; crops not reported (1997 dollars)		Event records naming jurisdictions in the plan: Hudson city (2 records), Akron city (1 record), Barberton city (1 record), Cuyahoga Falls city (1 record), Fairlawn city (1 record), Peninsula village (1 record).	Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	52 records, 1996 to 2024 (52 zone-level)	32 kt (37 mph) to 60 kt (69 mph) (median 50 kt (58 mph)); 40 with a recorded value	60 kt (69 mph) measured gust, High Wind, 2011-04-28; NWS zone OHZ021	High Wind, 2008-09-14, \$20,000,000 property; \$0 crops (zone total, 2008 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	394 records, 1955 to 2026	43 kt (49 mph) to 87 kt (100 mph) (median 50 kt (58 mph)); 282 with a recorded value	87 kt (100 mph) estimated gust, Thunderstorm Wind, 2017-11-05		Event records naming jurisdictions in the plan: Akron city (32 records), Cuyahoga Falls city (22 records), Twinsburg city (17 records), Barberton city (16 records), Tallmadge city (16 records), Richfield village (14 records), Stow city (13 records), Hudson city (11 records), Lakemore village (10 records), Peninsula village (9 records); and 9 more jurisdictions (see the Excel file).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	18 records, 1963 to 2024	F/EF0 to F/EF3 (median F/EF1); 16 with a recorded value	F3 tornado, 1992-07-12, 8 mi path length (whole path, pre-1996), 100 yd wide, \$2,500,000 property; crops not recorded (1992 dollars)	Tornado, 2002-11-10, \$10,200,000 property; crops not reported (2002 dollars)	Event records naming jurisdictions in the plan: Cuyahoga Falls city (1 record), Fairlawn city (1 record), Macedonia city (1 record), Norton city (1 record), Stow 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).

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Wildfire	acres burned (local data)	0					
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	74 records, 1996 to 2025 (74 zone-level)		Winter Storm, 2008-03-07, \$4,000,000 property; \$0 crops (2008 dollars); NWS zone OHZ021		Countywide (zone-level records).	

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

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

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: 14 declarations covering 8 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>	Notes
2020-03-31	2020-01-20	DR-4507-OH	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$12,876,787.19	
2020-03-13	2020-01-20	EM-3457-OH	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded	same incident as DR-4507
2012-06-30	2012-06-29	EM-3346-OH	Emergency	Severe Storms	Hazard not mapped (severe storm title names no single hazard); not counted	no Public Assistance recorded	
2008-10-24	2008-09-14	DR-1805-OH	Major disaster	Severe Wind Storm Associated with Tropical Depression Ike	Hurricane; Strong Wind	\$1,304,694.72	
2005-09-13	2005-08-29	EM-3250-OH	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	no Public Assistance recorded	
2004-09-19	2004-08-27	DR-1556-OH	Major disaster	Severe Storms and Flooding	Inland Flooding: designated for Hazard Mitigation only (no Public or Individual Assistance for this county); not counted	PA not declared for this county	
2004-06-03	2004-05-18	DR-1519-OH	Major disaster	Severe Storms and Flooding	Inland Flooding	\$1,123,783.15	
2003-09-23	2003-08-14	EM-3187-OH	Emergency	Power Outage	Non-natural, not counted	\$49,342.28	

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	
						<i>federal share obligated, nominal dollars</i>	Notes
2003-08-01	2003-07-21	DR-1484-OH	Major disaster	Tornadoes, Flooding, Severe Storms, and High Winds	Tornado (primary); also designated: Inland Flooding, Strong Wind	\$2,386,187.56	
2002-11-18	2002-11-10	DR-1444-OH	Major disaster	Severe Storms and Tornadoes	Tornado	PA not declared for this county	
1992-08-04	1992-07-12	DR-951-OH	Major disaster	Severe Storms, Tornadoes & Flooding	Inland Flooding; Tornado	no Public Assistance recorded	
1978-01-26	1978-01-26	EM-3055-OH	Emergency	Blizzards & Snowstorms	Winter Weather	no Public Assistance recorded	
1974-04-04	1974-04-04	DR-421-OH	Major disaster	Tornadoes	Tornado	no Public Assistance recorded	
1969-07-15	1969-07-15	DR-266-OH	Major disaster	Tornadoes, Severe Storms & Flooding	Tornado (primary); also designated: Inland Flooding	no Public Assistance recorded	

School districts and special districts in this county: \$90,749.95 (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
1964-03-24	1964-03-24	DR-167-OH	Major disaster	Severe Storms & Flooding	Inland Flooding
1959-01-23	1959-01-23	DR-90-OH	Major disaster	Floods	Inland Flooding
1956-05-17	1956-05-17	DR-57-OH	Major disaster	Wind Storm	Other, not an NRI hazard; not counted

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 not placed in any Ohio county: 1 row, \$3,080,910.74; listed on the Ohio state page.

Source: 3

Previous occurrences by hazard, with explicit no-event rows

Sources: 2, 6, 7

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

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
Hail	259	11	2	13	0	0	1955 to 2026-06-30	
Heat Wave	2	0	0	0	0	0	1996 to 2026-06-30	
Hurricane	0	0	0	0	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Ice Storm	2	0	0	0	0	0	1996 to 2026-06-30	
Inland Flooding	67	13	0	13	4	0	1996 to 2026-06-30	
Landslide	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	7	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	446	39	9	69	2	0	1955 to 2026-06-30	Includes 46 High Wind and 6 Strong Wind records.
Tornado	18	1	0	2	5	0	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	74	4	2	9	1	0	1996 to 2026-06-30	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Flags	Why listed
2024-05-22	Thunderstorm Wind	43 kt (49 mph) estimated gust	\$20,000 property; \$0 crops (2024 dollars)	1, 0	AKRON	new since last plan; within last 5 years	deaths or injuries recorded
2017-11-05	Thunderstorm Wind	87 kt (100 mph) estimated gust	\$7,500,000 property; \$0 crops (2017 dollars)	0, 0	WEST RICHFIELD to TWINSBURG		B1-c worst recorded: Thunderstorm Wind
2013-07-10	Flash Flood		\$3,800,000 property; \$0 crops (2013 dollars)	1, 0	AKRON to PORTAGE LAKES		deaths or injuries recorded
2011-04-28	High Wind	60 kt (69 mph) measured gust	\$0 property; \$0 crops (zone total, 2011 dollars)	0, 0	NWS zone OHZ021 (SUMMIT), zone-level		B1-c worst recorded: High Wind and Strong Wind
2008-03-07	Winter Storm		\$4,000,000 property; \$0 crops (zone total, 2008 dollars)	0, 0	NWS zone OHZ021 (SUMMIT), zone-level		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2007-06-08	Hail	4.25 in	\$288,000,000 property; \$0 crops (2007 dollars)	0, 0	AKRON to MOGADORE		B1-c worst recorded: Hail
2005-01-05	Ice Storm		\$2,400,000 property; crops not reported (zone total, 2005 dollars)	0, 0	NWS zone OHZ021 (SUMMIT), zone-level		B1-c worst recorded: Ice Storm
2003-07-21	Flash Flood		\$100,000,000 property; crops not reported (2003 dollars)	3, 0	COUNTYWIDE		deaths or injuries recorded
1999-07-01	Heat		damage not reported	0, 0	NWS zone OHZ021 (SUMMIT), zone-level		B1-c worst recorded: Excessive Heat, Heat
1997-08-16	Lightning		\$80,000 property; crops not reported (1997 dollars)	0, 0	CUYAHOGA FALLS		B1-c worst recorded: Lightning
1997-01-10	Cold/Wind Chill		\$5,000 property; crops not reported (zone total, 1997 dollars)	0, 0	NWS zone OHZ021 (SUMMIT), zone-level		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
1992-07-12	Tornado	F3, 8 mi path length (whole path, pre-1996), 100 yd wide	\$2,500,000 property; crops not recorded (1992 dollars)	0, 0	location not recorded		B1-c worst recorded: Tornado

The full list is in the Excel file, sheet "B1-d Storm Events history" (891 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).

FEMA's declaration data list no tribal or special-area declarations for this state.

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	3.95	event-days per year	about 3.95 days per year	Likely	Storm Events event-days in 8 of 30 years, 1996 to 2025 (26.7%)	75	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	0	event-days per year	none modeled	Possible	Storm Events 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	0.000779	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0779%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	4.04	events per year	about 4.04 per year	Highly likely	FEMA annualized frequency (modeled)	153.6 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	2	event-days per year	about 2 days per year	Possible	Storm Events event-days in 1 of 30 years, 1996 to 2025 (3.33%)	36	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.00833	events per year	about 1 in 120 years	Unlikely	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	0.685	event-days per year	about 0.685 days per year	Possible	Storm Events event-days in 2 of 30 years, 1996 to 2025 (6.67%)	46	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	1.39	event-days per year	about 1.39 days per year	Likely	Storm Events event-days in 15 of 30 years, 1996 to 2025 (50%)	39	1996 to 2023 (28 years)	see B1-f	
Landslide	0.171	events per year (modeled)	about 1 in 6 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	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)				Location	Note
							NRI period				
Lightning	41.5	days per year with a strike	about 41.5 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)			countywide	
Strong Wind	2.24	events per year	about 2.24 per year	Highly likely	FEMA annualized frequency (modeled)	86	1986 to 2023 (38 years)			countywide	
Tornado	0.191	events per year	about 1 in 5 years	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)			see B1-f	
Wildfire	0.0000394	annual probability at a location	chance a given location in the county burns in a year: 0.00394%		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	13.9	event-days per year	about 13.9 days per year	Highly likely	Storm Events event-days in 27 of 30 years, 1996 to 2025 (90%)	265	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	83	30	2.77
Hail	2.00 in+	1996 to 2025	6	30	0.2
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	256	30	8.53
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	4	30	0.133
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	51	30	1.7
Tornado	EF0-1	1996 to 2025	9	30	0.3
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	138 of 138	20.7	30.0	49.4	Relatively Moderate 1, Relatively Low 137
Drought	0 of 138				No Rating 138
Earthquake	138 of 138	5.5	24.2	75.2	Relatively Low 16, Very Low 122
Hail	138 of 138	68.0	88.7	98.4	Very High 2, Relatively High 67, Relatively Moderate 67, Relatively Low 2
Heat Wave	138 of 138	7.0	30.2	63.0	Relatively Moderate 4, Relatively Low 110, Very Low 24
Hurricane	138 of 138	25.1	35.7	52.3	Relatively Low 1, Very Low 137
Ice Storm	138 of 138	26.3	66.4	95.1	Relatively High 5, Relatively Moderate 55, Relatively Low 72, Very Low 6
Inland Flooding	138 of 138	0.9	31.7	84.0	Relatively High 5, Relatively Moderate 30, Relatively Low 73, Very Low 30
Landslide	138 of 138	11.9	41.5	87.1	Relatively Low 4, Very Low 134
Lightning	138 of 138	21.9	54.0	84.9	Relatively High 4, Relatively Moderate 83, Relatively Low 51
Strong Wind	138 of 138	28.2	62.4	88.1	Relatively High 4, Relatively Moderate 94, Relatively Low 40

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Tornado	138 of 138	26.3	46.1	71.8	Relatively Moderate 30, Relatively Low 102, Very Low 6
Wildfire	131 of 138	18.6	47.7	73.2	Relatively Low 10, Very Low 121, No Rating 7
Winter Weather	138 of 138	36.1	65.9	90.9	Relatively High 18, Relatively Moderate 103, Relatively Low 17

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
Summit County	County	Approved, expires 2029-04-18	FMA RL 1, SRL 6; any 20	no Public Assistance recorded	0 total; 0 since its plan	
Akron city	City	Approved, expires 2029-04-18	FMA RL 0, SRL 1; any 22	\$1,373,785.73	77 total; 3 since its plan	Includes \$173,326.87 for declarations not counted as hazard incidents (DR-4507-OH, EM-3187-OH).
Barberton city	City	Approved, expires 2029-04-18	FMA RL 0, SRL 4; any 33	\$105,191.49	31 total; 0 since its plan	Includes \$33,261.91 for declarations not counted as hazard incidents (DR-4507-OH).
Boston Heights village	Village	Approved, expires 2029-04-18	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	5 total; 1 since its plan	
Clinton village	Village	Approved, expires 2029-04-18	FMA RL 0, SRL 0; any 0	\$2,226	15 total; 0 since its plan	
Cuyahoga Falls city	City	Approved, expires 2029-04-18	FMA RL 0, SRL 0; any 0	\$460,285.29	51 total; 2 since its plan	
Fairlawn city	City	Approved, expires 2029-04-18	FMA RL 0, SRL 0; any 1	\$29,573.75	22 total; 2 since its plan	
Green city	City	Approved, expires 2029-04-18	FMA RL 0, SRL 0; any 0	\$38,036.97	0 total; 0 since its plan	
Hudson city	City	Approved, expires 2029-04-18	FMA RL 0, SRL 0; any 1	\$418,627.55	27 total; 4 since its plan	
Lakemore village	Village	Approved, expires 2029-04-18	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	13 total; 1 since its plan	
Macedonia city	City	Approved, expires 2029-04-18	FMA RL 0, SRL 0; any 0	\$19,238.77	15 total; 0 since its plan	Includes \$2,576.39 for declarations not counted as hazard incidents (EM-3187-OH).
Mogadore village	Village	Approved, expires 2029-04-18	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	11 total; 0 since its plan	

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
Munroe Falls city	City	Approved, expires 2029-04-18	FMA RL 0, SRL 2; any 2	\$28,679.35	7 total; 4 since its plan	
New Franklin city	City	Approved, expires 2029-04-18	FMA RL 0, SRL 0; any 0	\$18,872.93	0 total; 0 since its plan	
Northfield village	Village	Approved, expires 2029-04-18	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	10 total; 0 since its plan	
Norton city	City	Approved, expires 2029-04-18	FMA RL 0, SRL 0; any 4	\$31,737.94	23 total; 7 since its plan	
Peninsula village	Village	Approved, expires 2029-04-18	FMA RL 0, SRL 0; any 2	\$110,728.22	12 total; 2 since its plan	
Reminderville village	Village	Approved, expires 2029-04-18	FMA RL 0, SRL 0; any 2	no Public Assistance recorded	0 total; 0 since its plan	
Richfield village	Village	Approved, expires 2029-04-18	FMA RL 0, SRL 0; any 0	\$33,108.53	20 total; 0 since its plan	
Silver Lake village	Village	Approved, expires 2029-04-18	FMA RL 0, SRL 0; any 0	\$18,826.80	9 total; 2 since its plan	
Stow city	City	Approved, expires 2029-04-18	FMA RL 0, SRL 0; any 4	\$141,453.16	24 total; 3 since its plan	
Tallmadge city	City	Approved, expires 2029-04-18	FMA RL 0, SRL 0; any 2	\$111,126.93	31 total; 6 since its plan	Includes \$65,102.63 for declarations not counted as hazard incidents (DR-4507-OH, EM-3187-OH).
Twinsburg city	City	Approved, expires 2029-04-18	FMA RL 0, SRL 0; any 0	\$28,145.27	37 total; 3 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 2024-04-19 <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	\$121,766,045,177	\$16,231,247	540,333	\$13,921	\$3,159	\$2,737,749	under 0.0001%				
Drought	n/a	\$0	n/a	n/a	\$0	n/a					agriculture exposure is 0 in NRI
Earthquake	\$210,756,959,380	n/a	540,428	\$1,169,759	n/a	\$254,593	0.000555%				
Hail	\$121,766,045,177	\$16,231,247	540,333	\$13,110,109	\$2,384	\$127,381	0.0108%	\$0			
Heat Wave	\$121,766,045,177	\$16,231,247	540,333	\$18,834	under \$1	\$3,128,466	under 0.0001%				
Hurricane	\$121,731,057,690	\$16,231,247	540,147	\$230,743	\$1,054	\$7,019	0.00019%				
Ice Storm	\$121,744,912,101	n/a	540,158	\$1,421,742	n/a	\$276,759	0.00117%				
Inland Flooding	\$121,689,645,817	\$536,470	4,299	\$62,576,459	\$7,629	\$2,380,661	n/a (see note)	\$2,180,000			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	\$1,626,207,106	n/a	7,106	\$844	n/a	\$671	under 0.0001%				
Lightning	\$121,766,045,177	n/a	540,333	\$53,507	n/a	\$1,929,668	under 0.0001%				
Strong Wind	\$121,766,045,177	\$16,231,247	540,333	\$2,333,622	\$5,168	\$1,627,330	0.00192%	\$50,500			
Tornado	\$121,766,045,177	\$16,231,247	540,333	\$4,786,074	\$74	\$3,162,888	0.00393%	\$194,000			

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 2024-04-19 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Wildfire	\$30,450,724,313	\$8,077,728	137,649	\$49,152	\$5	\$7,759	0.000161%				
Winter Weather	\$121,766,045,177	\$16,231,247	540,333	\$455,495	\$75	\$316,039	0.000374%		\$0		

Totals since 2024-04-19 (Storm Events through 2026-06-30): 64 county-coded records, 64 with a damage value recorded (including \$0), \$2,424,500; 4 zone-level records, 4 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance: no counted declaration since the plan.

FEMA does not split Public Assistance by hazard. A declaration mapped to several hazards is listed under each of them with its full amount, so the per-hazard column does not add up to the total; the unit total counts each declaration once.

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

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

County context

Source: 5

Measure	Value
Population	540,333
Building value (total, not at risk)	\$121,766,045,177
Agriculture value (total, not at risk)	\$16,231,247
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$86,239,810
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)	\$15,956,982
Social vulnerability rating	Relatively Low
Community resilience rating	Very High
NRI version	December 2025

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

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

Supports FEMA checklist item B2-c: repetitive loss properties

Repetitive loss in this county, both definitions

Sources: 1, 4

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	1	Severe repetitive loss, FMA definition (44 CFR 77.2)	13
Repetitive loss, NFIP insurance definition	94	Severe repetitive loss, NFIP insurance definition	11

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

Repeat-flood properties: county and state-level rows

Sources: 1, 4

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
County total	1	13	94	11	94	0	45
of which: Akron city	0	1	22	0	22	0	13
of which: Barberton city	0	4	33	4	33	0	16
of which: Norton city	0	0	4	0	4	0	3
of which: Peninsula village	0	0	2	0	2	0	0
of which: Stow city	0	0	4	0	4	0	2
of which: Tallmadge city	0	0	2	0	2	0	1
of which: Fairlawn city	0	0	1	0	1	0	0
of which: Hudson city	0	0	1	0	1	0	1
of which: Summit County (unincorporated area)	1	6	20	5	20	0	6
of which: Munroe Falls city	0	2	2	2	2	0	2
of which: Reminderville village	0	0	2	0	2	0	1
of which: Unknown (community ID Unknown in FEMA data)	0	0	1	0	1	0	0
Statewide, no county in FEMA's file	0	0	1	0	1	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>
Summit County	390781	1	6	20	5	20	0	6
Akron city	390523	0	1	22	0	22	0	13
Barberton city	390524	0	4	33	4	33	0	16

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>
Boston Heights village	390749	0	0	0	0	0	0	0
Clinton village	390525	0	0	0	0	0	0	0
Cuyahoga Falls city	390526	0	0	0	0	0	0	0
Fairlawn city	390657	0	0	1	0	1	0	0
Green city	390927	0	0	0	0	0	0	0
Hudson city	390660	0	0	1	0	1	0	1
Lakemore village	390527	0	0	0	0	0	0	0
Macedonia city	390750	0	0	0	0	0	0	0
Mogadore village	390528	0	0	0	0	0	0	0
Munroe Falls city	390843	0	2	2	2	2	0	2
New Franklin city	390993	0	0	0	0	0	0	0
Northfield village	390726	0	0	0	0	0	0	0
Norton city	390529	0	0	4	0	4	0	3
Peninsula village	390530	0	0	2	0	2	0	0
Reminderville village	390855	0	0	2	0	2	0	1
Richfield village	390083	0	0	0	0	0	0	0
Silver Lake village	390531	0	0	0	0	0	0	0
Stow city	390532	0	0	4	0	4	0	2
Tallmadge city	390533	0	0	2	0	2	0	1
Twinsburg city	390534	0	0	0	0	0	0	0

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

Jurisdiction rows are whole NFIP communities and need not add up to the county total: a community that extends into another county is counted in full on each jurisdiction row, while the county table counts only its part in this county.

County repeat-flood properties by occupancy group

Sources: 1, 4

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	1	11	76	10	76	0	37
2 to 4 unit residential	0	0	1	0	1	0	1
other residential	0	0	1	0	1	0	0
non-residential	0	2	16	1	16	0	7
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 93 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-29T134039Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-29T162832Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-30, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-30, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-30, <https://www.weather.gov/gis/ZoneCounty>
8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-30, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_cousubs_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_cousubs_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_place_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_place_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_unsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_elsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_elsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scsd_national.zip), https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx (used to match place names and codes; no table prints its values)

What this packet is and what the plan adds

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

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

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

OpenFEMA disclaimer

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

Reuse, citation and corrections

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Cite this: Hazard Plain (2026). Summit County, OH: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 39153). Automated baseline. <https://hazardplain.org/oh/39153/> Built from FEMA OpenFEMA, the FEMA National Risk Index and NOAA NCEI Storm Events; source versions in the packet's Sources list.

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