

Bradford County, PA

Risk-assessment baseline packet

County FIPS: 42015 Release: 2026-10 Data as of: 2026-09-30 Storm Events data through: 2026-06-30

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

Summary

Plan status as of 2026-09-30: Approved, expires 2031-02-11. Plan: Bradford County Hazard Mitigation Plan (FEMA plan 109085), approved 2026-02-12.

Since the plan was approved on 2026-02-12: no new hazard declaration and 5 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 (\$28,275,328 a year), Lightning (\$1,280,694) and Cold Wave (\$700,329).

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; 42015 is this area.

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

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

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

CFR: Code of Federal Regulations.

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

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

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Plan clock

Status:	Approved, expires 2031-02-11	Plan:	Bradford County Hazard Mitigation Plan (FEMA plan 109085)
Approved:	2026-02-12	Days to expiry:	1,595

What changed since your last plan (approved 2026-02-12)

New federal declarations:	none	Storm Events records since approval:	5 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 11, SRL 16 (44 CFR 77.2); any definition: 104	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: 52 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
Bradford County	County	Approved, expires 2031-02-11	Bradford County Hazard Mitigation Plan (FEMA plan 109085)	2026-02-12	2031-02-11	1,595		
Alba borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Athens borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Burlington borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Canton borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
LeRaysville borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Monroe borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
New Albany borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Rome borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

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Sayre borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
South Waverly borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Sylvania borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Towanda borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Troy borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Wyalusing borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Albany township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Armenia township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Asylum township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
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Columbia township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Franklin township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Granville township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Herrick township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Leroy township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Litchfield township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Monroe township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
North Towanda township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

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Orwell township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Overton township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Pike township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Ridgebury township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Rome township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Sheshequin township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Smithfield township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
South Creek township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Springfield township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Standing Stone township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

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Stevens township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Terry township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Towanda township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Troy township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Tuscarora township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Ulster township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Warren township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Wells township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
West Burlington township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Wilmot township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

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Windham township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Wyalusing township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Wysox township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	Bradford County Hazard Mitigation Plan (FEMA plan 109085), pending adoption here	2026-02-12 by FEMA; not yet adopted here	2031-02-11 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	EAL agriculture	Cost of expected deaths and injuries	EAL total (see note)	Storm Events records, 1996 to 2026-06-30	Storm Events coverage note
				<i>modeled dollars per year</i>	<i>modeled dollars per year</i>	<i>FEMA's dollar value per year, not property damage</i>	<i>modeled dollars per year</i>	<i>count</i>	
1	Inland Flooding	Relatively Moderate	Relatively Moderate	\$27,560,079	\$128,411	\$586,838	\$28,275,328	199	
2	Lightning	Relatively High	Relatively High	\$8,551	n/a	\$1,272,143	\$1,280,694	12	
3	Cold Wave	Relatively Low	Relatively Low	\$1,434	\$43,462	\$655,434	\$700,329	9	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).

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
4	Tornado	Relatively Low	Relatively Low	\$321,264	\$1,104	\$242,282	\$564,650	13	
5	Hurricane	Relatively Low	Relatively Low	\$414,249	\$130,121	\$16,675	\$561,045	0	Declared 4 times; no Storm Events record of this type.
6	Strong Wind	Relatively Low	Relatively Low	\$139,689	\$1,266	\$129,663	\$270,618	280	Includes 11 High Wind and 2 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
7	Earthquake	Very Low	Very Low	\$169,565	n/a	\$40,037	\$209,602		Storm Events does not record earthquakes.
8	Heat Wave	Very Low	Very Low	under \$1	\$6,630	\$151,009	\$157,640	4	
9	Ice Storm	Relatively Low	Relatively Low	\$72,365	n/a	\$10,664	\$83,029	5	
10	Hail	Very Low	Very Low	\$16,540	\$17,622	\$36,695	\$70,858	70	
11	Landslide	Relatively Low	Relatively Low	\$3,554	n/a	\$15,340	\$18,895	0	Declared 1 time; no Storm Events record of this type.
12	Wildfire	Very Low	Very Low	\$6,941	\$26	\$1,657	\$8,625	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
13	Winter Weather	Very Low	Very Low	\$1,005	\$74	\$6,517	\$7,597	77	
14	Avalanche	Very Low	Very Low	under \$1	n/a	\$758	\$759	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
15	Drought	No Rating	No Expected Annual Losses	n/a	\$0	n/a	\$0	3	

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 landslide and wildfire 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: 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>
Avalanche	tract 9506 (Very Low, 44.6); tract 9509 (Very Low, 44.5); tract 9513 (Very Low, 43.8)
Earthquake	tract 9503 (Relatively Low, 46.9); tract 9509 (Relatively Low, 45.8); tract 9507 (Very Low, 40.9)
Hurricane	tract 9509 (Relatively Low, 74.2); tract 9513 (Relatively Low, 71.6); tract 9507 (Relatively Low, 70.9)
Landslide	tract 9512 (Relatively Moderate, 96.3); tract 9513 (Relatively Low, 95.2); tract 9509 (Relatively Low, 95.2)
Tornado	tract 9509 (Relatively Low, 52.0); tract 9512 (Relatively Low, 46.5); tract 9507 (Relatively Low, 46.0)
Wildfire	tract 9509 (Relatively Low, 70.6); tract 9506 (Very Low, 68.4); tract 9502 (Very Low, 67.6)

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 9506 is Census Tract 9506). 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
Avalanche	none (count and damage only)	0					
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	8 records, 1996 to 2022 (8 zone-level)	1 day to 2 days (median 1.5 days); 8 with a recorded value	2 consecutive days, 2004-01-15 to 2004-01-16, zone-level		Countywide (zone-level records).	
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	1 record, 2026 (1 zone-level)		Frost/Freeze, 2026-04-19, \$7,500,000 crop damage (2026 dollars); NWS zone PAZ038		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
Drought	U.S. Drought Monitor scale (D0 to D4)	3 records, 1997 to 1999 (3 zone-level)	30 days to 31 days (median 31 days); 3 with a recorded value	31 days (1 month), 1998-12-01 to 1998-12-31, zone-level	Drought, 1999-09-01, property not reported; \$20,000,000 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)	83 records, 1971 to 2022	0.75 in to 2 in (median 1 in); 83 with a recorded value	2 in hail, 2012-09-06		Event records naming jurisdictions in the plan: South Waverly borough (11 records), Canton borough (6 records), Canton township (6 records), Athens borough (5 records), Athens township (5 records), North Towanda township (5 records), Troy borough (5 records), Troy township (5 records), Litchfield township (2 records), Rome borough (2 records); and 12 more jurisdictions (see the Excel file).	
Excessive Heat, Heat	heat index (in event narratives)	4 records, 2001 to 2012 (4 zone-level)	3 days to 10 days (median 6.5 days); 2 with a recorded value	10 consecutive days, 2001-08-01 to 2001-08-10, zone-level		Countywide (zone-level records).	Heat records from November to March (unseasonable warmth, not a heat wave) are counted but not used for the longest run.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	0					Storm Events files every zone of a storm's episode under the storm's type; flooding from the storm is filed as Flood or Flash Flood records.
Ice Storm	Sperry-Piltz ice scale (local data)	5 records, 1999 to 2008 (5 zone-level)		Ice Storm, 2003-01-01, \$70,000 property; crops not reported (2003 dollars); NWS zone PAZ038		Countywide (zone-level records).	
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	199 records, 1996 to 2025 (25 zone-level)		Flash Flood, 2006-06-27, \$25,000,000 property; crops not reported (2006 dollars)		Event records naming jurisdictions in the plan: New Albany borough (19 records), Troy borough (10 records), Troy township (10 records), Canton borough (9 records), Canton township (9 records), Ridgebury township (7 records), Rome borough (7 records), Rome township (7 records), Litchfield township (6 records), North Towanda township (6 records); and 19 more jurisdictions (see the Excel file). Zone-level records (25) 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					

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	12 records, 1996 to 2020		Lightning, 2020-07-06, \$0 property; \$0 crops (2020 dollars); 2 direct deaths, 2 direct injuries	Lightning, 2004-05-13, \$100,000 property; crops not reported (2004 dollars)	Event records naming jurisdictions in the plan: Troy borough (2 records), Troy township (2 records), Athens borough (1 record), Athens township (1 record), New Albany borough (1 record), North Towanda township (1 record), Ridgebury township (1 record), Sheshequin township (1 record), Springfield township (1 record), West Burlington township (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)	13 records, 1996 to 2012 (13 zone-level)	45 kt (52 mph) to 60 kt (69 mph) (median 50 kt (58 mph)); 8 with a recorded value	60 kt (69 mph) estimated gust, High Wind, 2003-10-15; NWS zone PAZ038	High Wind, 1999-11-02, \$210,000 property; crops not reported (zone total, 1999 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	329 records, 1969 to 2026	50 kt (58 mph) to 78 kt (90 mph) (median 50 kt (58 mph)); 256 with a recorded value	78 kt (90 mph) estimated gust, Thunderstorm Wind, 2023-08-12; same speed and measurement basis also recorded on 2019-05-28	Thunderstorm Wind, 2003-07-21, \$500,000 property; crops not reported (2003 dollars)	Event records naming jurisdictions in the plan: Athens borough (25 records), Athens township (25 records), Troy borough (17 records), Troy township (17 records), Canton borough (16 records), Canton township (16 records), South Waverly borough (14 records), North Towanda township (12 records), Ulster township (12 records), Towanda borough (11 records); and 20 more jurisdictions (see the Excel file).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	21 records, 1951 to 2019	F/EF0 to F/EF2 (median F/EF1); 21 with a recorded value	EF2 tornado, 2018-06-13, 5.16 mi within this county, 250 yd wide, \$500,000 property; \$0 crops (2018 dollars)		Event records naming jurisdictions in the plan: Wyalusing borough (2 records), Wyalusing township (2 records), New Albany borough (1 record), Overton township (1 record), Towanda borough (1 record), Towanda township (1 record), Troy borough (1 record), Troy township (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)	77 records, 1996 to 2026 (75 zone-level)		Heavy Snow, 2003-01-03, \$500,000 property; crops not reported (2003 dollars); NWS zone PAZ038		No event record names a jurisdiction in the plan. Zone-level records (75) apply countywide.	

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 avalanche, debris flow and lightning.

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

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

Supports FEMA checklist item B1-d: previous occurrences

Federal declarations for this county: 21 declarations covering 15 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
2020-03-30	2020-01-20	DR-4506-PA	Major disaster	COVID-19 Pandemic	Non-natural, not counted	no Public Assistance recorded	
2020-03-13	2020-01-20	EM-3441-PA	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded	same incident as DR-4506
2018-11-27	2018-08-10	DR-4408-PA	Major disaster	Severe Storms and Flooding	Inland Flooding	\$10,597,059.16	
2016-12-02	2016-10-20	DR-4292-PA	Major disaster	Severe Storms and Flooding	Inland Flooding	\$1,985,531.96	
2012-10-29	2012-10-26	EM-3356-PA	Emergency	Hurricane Sandy	Hurricane	no Public Assistance recorded	
2011-09-12	2011-09-03	DR-4030-PA	Major disaster	Tropical Storm Lee	Inland Flooding (primary); also designated: Hurricane	\$8,975,158.74	
2011-09-08	2011-09-03	EM-3340-PA	Emergency	Remnants of Tropical Storm Lee	Inland Flooding (primary); also designated: Hurricane	no Public Assistance recorded	same incident as DR-4030
2011-07-13	2011-04-25	DR-4003-PA	Major disaster	Severe Storms and Flooding	Inland Flooding	\$4,226,420.49	
2007-02-23	2006-11-16	DR-1684-PA	Major disaster	Severe Storms and Flooding	Inland Flooding	\$350,551.26	

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Notes
						<i>federal share obligated, nominal dollars</i>	
2006-06-30	2006-06-23	DR-1649-PA	Major disaster	Severe Storms, Flooding, and Mudslides	Inland Flooding; Landslide	\$413,648.10	
2005-09-10	2005-08-29	EM-3235-PA	Emergency	Hurricane Katrina	Hurricane: evacuation support, not a local hazard event; not counted	no Public Assistance recorded	
2005-04-14	2005-04-02	DR-1587-PA	Major disaster	Severe Storms and Flooding	Inland Flooding	\$226,732.39	
2004-09-19	2004-09-17	DR-1557-PA	Major disaster	Tropical Depression Ivan	Hurricane	\$1,144,006.69	
2004-09-19	2004-09-08	DR-1555-PA	Major disaster	Severe Storms and Flooding Associated with Tropical Depression Frances	Hurricane; Inland Flooding: designated for Hazard Mitigation only (no Public or Individual Assistance for this county); not counted	PA not declared for this county	
2004-08-06	2004-07-27	DR-1538-PA	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	
1996-01-21	1996-01-19	DR-1093-PA	Major disaster	Severe Storms and Flooding	Inland Flooding	no Public Assistance recorded	
1996-01-13	1996-01-06	DR-1085-PA	Major disaster	Blizzard of 96	Winter Weather	no Public Assistance recorded	
1993-03-16	1993-03-13	EM-3105-PA	Emergency	Severe Snowfall & Winter Storm	Winter Weather	no Public Assistance recorded	
1976-10-20	1976-10-20	DR-523-PA	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded	
1975-09-26	1975-09-26	DR-485-PA	Major disaster	Severe Storms, Heavy Rains & Flooding	Inland Flooding	no Public Assistance recorded	
1972-06-23	1972-06-23	DR-340-PA	Major disaster	Tropical Storm Agnes	Inland Flooding (primary); also designated: Hurricane	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
2003-08-23	2003-07-21	DR-1485-PA	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado
1959-01-23	1959-01-23	DR-89-PA	Major disaster	Floods	Inland Flooding
1956-08-09	1956-08-09	DR-61-PA	Major disaster	Storm	Hazard not mapped (severe storm title names no single hazard); not counted
1956-05-21	1956-05-21	DR-58-PA	Major disaster	Severe Storm	Hazard not mapped (severe storm title names no single hazard); not counted
1956-03-15	1956-03-15	DR-51-PA	Major disaster	Flood	Inland Flooding
1955-08-20	1955-08-20	DR-40-PA	Major disaster	Floods & Rains	Inland Flooding

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

Previous occurrences by hazard, with explicit no-event rows

Sources: 2, 6, 7

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Avalanche	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	9	1	0	2	0	0	1996 to 2026-06-30	Includes 1 Frost/Freeze record.
Drought	3	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.
Hail	83	0	0	1	0	0	1955 to 2026-06-30	
Heat Wave	4	0	0	0	0	0	1996 to 2026-06-30	
Hurricane	0	0	0	0	4	0	1996 to 2026-06-30	No Storm Events records of this type; 4 federal declared incidents (see declarations table)
Ice Storm	5	0	0	0	0	0	1996 to 2026-06-30	
Inland Flooding	199	0	6	16	11	0	1996 to 2026-06-30	
Landslide	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)
Lightning	12	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	342	4	7	58	0	0	1955 to 2026-06-30	Includes 11 High Wind and 2 Strong Wind records.
Tornado	21	0	0	0	0	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	77	0	1	10	2	0	1996 to 2026-06-30	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Flags	Why listed
2026-04-19	Frost/Freeze		\$0 property; \$7,500,000 crops (zone total, 2026 dollars)	0, 0	NWS zone PAZ038 (BRADFORD), zone-level	new since last plan; within last 5 years	B1-c worst recorded: Frost/Freeze
2023-08-12	Thunderstorm Wind	78 kt (90 mph) estimated gust	\$10,000 property; \$0 crops (2023 dollars)	0, 0	SAYRE BLUE SWAN ARPT to ATHENS	within last 5 years	B1-c worst recorded: Thunderstorm Wind
2020-07-06	Lightning		\$0 property; \$0 crops (2020 dollars)	2, 2	BAILEY CORNERS		deaths or injuries recorded
2018-06-13	Tornado	EF2, 5.16 mi within this county, 250 yd wide	\$500,000 property; \$0 crops (2018 dollars)	0, 0	BAILEY CORNERS to WEST FRANKLIN		B1-c worst recorded: Tornado
2012-09-06	Hail	2 in	\$30,000 property; \$0 crops (2012 dollars)	0, 0	SOUTH WAVERLY		B1-c worst recorded: Hail
2011-09-07	Flood		\$5,000,000 property; \$0 crops (2011 dollars)	1, 0	TOWANDA to TOWANDA ARPT		deaths or injuries recorded
2006-06-27	Flash Flood		\$25,000,000 property; crops not reported (2006 dollars)	0, 0	EAST PORTION		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2004-01-15	Cold/Wind Chill		\$10,000 property; crops not reported (zone total, 2004 dollars)	0, 0	NWS zone PAZ038 (BRADFORD), zone-level		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2003-10-15	High Wind	60 kt (69 mph) estimated gust	\$100,000 property; crops not reported (zone total, 2003 dollars)	0, 0	NWS zone PAZ038 (BRADFORD), zone-level		B1-c worst recorded: High Wind and Strong Wind
2003-01-01	Ice Storm		\$70,000 property; crops not reported (zone total, 2003 dollars)	0, 0	NWS zone PAZ038 (BRADFORD), zone-level		B1-c worst recorded: Ice Storm
2001-08-01	Heat		damage not reported	0, 0	NWS zone PAZ038 (BRADFORD), zone-level		B1-c worst recorded: Excessive Heat, Heat
1986-06-16	Thunderstorm Wind	speed not recorded	damage not recorded (pre-1996 record)	0, 14	location not recorded		deaths or injuries recorded

The full list is in the Excel file, sheet "B1-d Storm Events history" (755 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
Avalanche	0.01	events per year	about 1 in 100 years	Possible	FEMA annualized frequency (modeled)	0	1994 to 2023 (30 years)	see B1-f	0.01 is NRI's minimum avalanche frequency for a county in an avalanche susceptibility zone; NRI records no avalanche here, so the descriptor reflects the floor, not local events.
Cold Wave	3.16	event-days per year	about 3.16 days per year	Likely	Storm Events event-days in 7 of 30 years, 1996 to 2025 (23.3%)	60	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	0	event-days per year	none modeled	Likely	Storm Events event-days in 3 of 30 years, 1996 to 2025 (10%)	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 3 of 30 years. The descriptor comes from Storm Events, which counts D2 drought that NRI leaves out.
Earthquake	0.000528	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0528%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	2.01	events per year	about 2.01 per year	Highly likely	FEMA annualized frequency (modeled)	76.4 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	1.68	event-days per year	about 1.68 days per year	Likely	Storm Events event-days in 4 of 30 years, 1996 to 2025 (13.3%)	27	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.0331	events per year	about 1 in 30 years	Possible	FEMA annualized frequency (modeled)	10	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	0.336	event-days per year	about 0.336 days per year	Likely	Storm Events event-days in 5 of 30 years, 1996 to 2025 (16.7%)	23	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	3.25	event-days per year	about 3.25 days per year	Likely	Storm Events event-days in 26 of 30 years, 1996 to 2025 (86.7%)	91	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	1.33	events per year (modeled)	about 1.33 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	31	days per year with a strike	about 31 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	1.7	events per year	about 1.7 per year	Highly likely	FEMA annualized frequency (modeled)	65	1986 to 2023 (38 years)	countywide	
Tornado	0.348	events per year	about 1 in 3 years	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Wildfire	0.000101	annual probability at a location	chance a given location in the county burns in a year: 0.0101%		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No descriptor: no Storm Events record 1996 to 2025
Winter Weather	14.5	event-days per year	about 14.5 days per year	Likely	Storm Events event-days in 26 of 30 years, 1996 to 2025 (86.7%)	276	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	47	30	1.57
Hail	2.00 in+	1996 to 2025	1	30	0.0333
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	241	30	8.03
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	7	30	0.233
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	15	30	0.5
Tornado	EF0-1	1996 to 2025	12	30	0.4
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	
Avalanche	9 of 15	39.2	43.2	44.6	Very Low 9, Not Applicable 6
Cold Wave	15 of 15	38.2	48.9	59.8	Relatively Moderate 9, Relatively Low 6
Drought	0 of 15				No Rating 15
Earthquake	15 of 15	23.3	32.7	46.9	Relatively Low 2, Very Low 13
Hail	15 of 15	34.5	43.5	51.5	Relatively Low 13, Very Low 2
Heat Wave	15 of 15	8.4	14.9	23.9	Relatively Low 7, Very Low 8
Hurricane	15 of 15	55.3	63.8	74.2	Relatively Low 15
Ice Storm	15 of 15	30.9	55.2	67.1	Relatively Low 14, Very Low 1
Inland Flooding	15 of 15	75.6	92.8	99.0	Very High 5, Relatively High 9, Relatively Moderate 1
Landslide	15 of 15	27.9	91.5	96.3	Relatively Moderate 1, Relatively Low 10, Very Low 4
Lightning	15 of 15	93.3	97.8	99.1	Very High 12, Relatively High 3
Strong Wind	15 of 15	39.6	50.8	70.0	Relatively Moderate 5, Relatively Low 10
Tornado	15 of 15	34.3	40.6	52.0	Relatively Low 15
Wildfire	15 of 15	39.2	58.8	70.6	Relatively Low 1, Very Low 14
Winter Weather	15 of 15	21.4	24.9	29.5	Relatively Low 15

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
Bradford County	County	Approved, expires 2031-02-11		\$3,098,324.96	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row.
Alba borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$206,045.78	4 total; no approved plan	
Athens borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 4	\$125,501.63	36 total; no approved plan	
Burlington borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 2	no Public Assistance recorded	14 total; no approved plan	
Canton borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$27,646.53	31 total; no approved plan	
LeRaysville borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; no approved plan	
Monroe borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 7	\$17,421.21	0 total; no approved plan	
New Albany borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$465,380.47	32 total; no approved plan	
Rome borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 5	no Public Assistance recorded	19 total; no approved plan	
Sayre borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$150,013.58	9 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>	
South Waverly borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	26 total; no approved plan	
Sylvania borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 1	\$3,420	3 total; no approved plan	
Towanda borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$2,533,239.64	18 total; no approved plan	
Troy borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$76,532.87	35 total; no approved plan	
Wyalusing borough	Organized Borough	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 3	no Public Assistance recorded	18 total; no approved plan	
Albany township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$2,205,791.54	0 total; no approved plan	
Armenia township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$64,432.74	0 total; no approved plan	
Asylum township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 1, SRL 0; any 2	\$151,774.62	0 total; no approved plan	
Athens township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 6, SRL 9; any 20	\$708,692.36	36 total; no approved plan	
Burlington township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$227,741.96	14 total; no approved plan	
Canton township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$802,323.77	31 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>	
Columbia township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 2	\$421,915.60	0 total; no approved plan	
Franklin township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$1,606,937.06	0 total; no approved plan	
Granville township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$257,392.01	0 total; no approved plan	
Herrick township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$162,025.43	6 total; no approved plan	
Leroy township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$125,375.49	0 total; no approved plan	
Litchfield township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$265,917.35	13 total; no approved plan	
Monroe township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 4	\$590,026.39	0 total; no approved plan	
North Towanda township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$213,062.55	24 total; no approved plan	
Orwell township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 2	\$127,470.87	6 total; no approved plan	
Overton township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$1,110,738.86	3 total; no approved plan	
Pike township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$89,338.40	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>	
Ridgebury township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 7	\$606,373.48	9 total; no approved plan	
Rome township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$364,468.26	19 total; no approved plan	
Sheshequin township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 5	\$420,743.11	3 total; no approved plan	
Smithfield township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$99,954.93	0 total; no approved plan	
South Creek township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$1,056,729.08	0 total; no approved plan	
Springfield township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 1	\$125,687.34	1 total; no approved plan	
Standing Stone township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$407,431.08	0 total; no approved plan	
Stevens township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 1, SRL 0; any 1	\$195,334.90	0 total; no approved plan	
Terry township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 5	\$488,295.39	0 total; no approved plan	
Towanda township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$6,392.25	18 total; no approved plan	
Troy township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$582,276.44	35 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>	
Tuscarora township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$229,981.33	0 total; no approved plan	
Ulster township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 1, SRL 1; any 4	\$271,821.09	19 total; no approved plan	
Warren township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 7	\$666,431.45	0 total; no approved plan	
Wells township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$164,104.77	0 total; no approved plan	
West Burlington township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$302,820.06	9 total; no approved plan	
Wilmot township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 1, SRL 0; any 7	\$148,293.42	4 total; no approved plan	
Windham township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$899,988.01	8 total; no approved plan	
Wyalusing township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 1, SRL 1; any 4	\$345,307.26	18 total; no approved plan	
Wysox township	Township	Plan 109085 approved 2026-02-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 3	\$346,573.49	10 total; no approved plan	

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

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

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

Local data needed

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

- Critical facilities and lifelines per hazard
- A problem statement per jurisdiction per hazard
- Changes in development in hazard-prone areas since the last approval, or a statement of none (E1-a)
- Future assets

County-level starter: exposure, expected annual loss and damage since the plan

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

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2026-02-12 <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
Avalanche	\$1,499,865	n/a	under 1	under \$1	n/a	\$758	under 0.0001%				
Cold Wave	\$16,168,085,415	\$170,774,980	59,840	\$1,434	\$43,462	\$655,434	under 0.0001%		\$7,500,000		Storm Events damage since the plan includes 1 zone-level Frost/Freeze record (\$7,500,000): outside NRI's Cold Wave definition.
Drought	n/a	\$0	n/a	n/a	\$0	n/a					agriculture exposure is 0 in NRI
Earthquake	\$27,733,693,396	n/a	59,967	\$169,565	n/a	\$40,037	0.000611%				
Hail	\$16,168,085,415	\$170,774,980	59,840	\$16,540	\$17,622	\$36,695	0.000102%				
Heat Wave	\$16,168,085,415	\$170,774,980	59,840	under \$1	\$6,630	\$151,009	under 0.0001%				
Hurricane	\$16,168,085,415	\$170,402,148	59,840	\$414,249	\$130,121	\$16,675	0.00256%				
Ice Storm	\$16,148,066,528	n/a	59,830	\$72,365	n/a	\$10,664	0.000448%				
Inland Flooding	\$16,146,137,864	\$22,549,953	4,584	\$27,560,079	\$128,411	\$586,838	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	\$884,769,648	n/a	3,324	\$3,554	n/a	\$15,340	0.000402%				
Lightning	\$16,168,085,415	n/a	59,840	\$8,551	n/a	\$1,272,143	under 0.0001%				
Strong Wind	\$16,168,085,415	\$170,774,980	59,840	\$139,689	\$1,266	\$129,663	0.000864%	\$5,000			
Tornado	\$16,168,085,415	\$170,774,980	59,840	\$321,264	\$1,104	\$242,282	0.00199%				

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2026-02-12 <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	\$3,442,959,930	\$36,496,483	15,076	\$6,941	\$26	\$1,657	0.000202%				
Winter Weather	\$16,168,085,415	\$170,774,980	59,840	\$1,005	\$74	\$6,517	under 0.0001%				

Totals since 2026-02-12 (Storm Events through 2026-06-30): 4 county-coded records, 4 with a damage value recorded (including \$0), \$5,000; 1 zone-level records, 1 with a damage value recorded (including \$0), \$7,500,000 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	59,840
Building value (total, not at risk)	\$16,168,085,415
Agriculture value (total, not at risk)	\$170,774,980
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$29,043,954
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)	\$3,165,713
Social vulnerability rating	Relatively Low
Community resilience rating	Relatively 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)	11	Severe repetitive loss, FMA definition (44 CFR 77.2)	16
Repetitive loss, NFIP insurance definition	98	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 properties	SRL, FMA properties	RL, NFIP properties	SRL, NFIP properties	Any category properties	Mitigated properties	Currently insured properties
County total	11	16	98	11	104	3	23
of which: Athens borough	0	0	4	0	4	0	1
of which: Burlington borough	0	0	2	0	2	0	1
of which: Monroe borough	0	0	7	0	7	0	2
of which: Ridgebury township	0	0	7	0	7	0	5
of which: Rome borough	0	0	5	0	5	0	2
of which: Sayre borough	0	0	1	0	1	0	1
of which: Sylvania borough	0	1	1	1	1	0	0
of which: Troy borough	0	0	1	0	1	0	1
of which: Wyalusing borough	0	1	2	0	3	1	0
of which: Athens township	6	9	17	7	20	1	3
of which: Wysox township	0	0	3	0	3	0	1
of which: Asylum township	1	0	2	0	2	0	0
of which: Columbia township	0	1	2	1	2	0	0
of which: Granville township	0	0	1	0	1	0	0
of which: Monroe township	0	0	4	0	4	0	0
of which: North Towanda township	0	0	1	0	1	0	0
of which: Sheshequin township	0	0	5	0	5	0	0
of which: South Creek township	0	0	1	0	1	0	0
of which: Springfield township	0	1	0	0	1	1	0
of which: Terry township	0	1	5	1	5	0	0
of which: Towanda township	0	0	1	0	1	0	0
of which: Wilmot township	1	0	6	0	7	0	1

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>
of which: Wyalusing township	1	1	4	0	4	0	0
of which: Ulster township	1	1	4	1	4	0	2
of which: Orwell township	0	0	2	0	2	0	1
of which: Standing Stone township	0	0	1	0	1	0	0
of which: Stevens township	1	0	1	0	1	0	0
of which: Warren township	0	0	7	0	7	0	2
of which: Windham township	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>
Alba borough	420166	0	0	0	0	0	0	0
Athens borough	420167	0	0	4	0	4	0	1
Burlington borough	420168	0	0	2	0	2	0	1
Canton borough	420169	0	0	0	0	0	0	0
LeRaysville borough	422334	0	0	0	0	0	0	0
Monroe borough	420170	0	0	7	0	7	0	2
New Albany borough	420172	0	0	0	0	0	0	0
Rome borough	420174	0	0	5	0	5	0	2
Sayre borough	420175	0	0	1	0	1	0	1
South Waverly borough	420176	0	0	0	0	0	0	0
Sylvania borough	420177	0	1	1	1	1	0	0
Towanda borough	420178	0	0	0	0	0	0	0
Troy borough	420179	0	0	1	0	1	0	1
Wyalusing borough	420180	0	1	2	0	3	1	0
Albany township	421047	0	0	0	0	0	0	0
Armenia township	421396	0	0	0	0	0	0	0
Asylum township	421048	1	0	2	0	2	0	0
Athens township	420976	6	9	17	7	20	1	3
Burlington township	421054	0	0	0	0	0	0	0
Canton township	421397	0	0	0	0	0	0	0
Columbia township	421059	0	1	2	1	2	0	0
Franklin township	421398	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>
Granville township	421066	0	0	1	0	1	0	0
Herrick township	421399	0	0	0	0	0	0	0
Leroy township	421076	0	0	0	0	0	0	0
Litchfield township	421400	0	0	0	0	0	0	0
Monroe township	421083	0	0	4	0	4	0	0
North Towanda township	421087	0	0	1	0	1	0	0
Orwell township	421401	0	0	2	0	2	0	1
Overton township	421402	0	0	0	0	0	0	0
Pike township	421403	0	0	0	0	0	0	0
Ridgebury township	420173	0	0	7	0	7	0	5
Rome township	422639	0	0	0	0	0	0	0
Sheshequin township	421102	0	0	5	0	5	0	0
Smithfield township	421104	0	0	0	0	0	0	0
South Creek township	421105	0	0	1	0	1	0	0
Springfield township	421109	0	1	0	0	1	1	0
Standing Stone township	421406	0	0	1	0	1	0	0
Stevens township	421407	1	0	1	0	1	0	0
Terry township	421111	0	1	5	1	5	0	0
Towanda township	421113	0	0	1	0	1	0	0
Troy township	421114	0	0	0	0	0	0	0
Tuscarora township	421116	0	0	0	0	0	0	0
Ulster township	421218	1	1	4	1	4	0	2
Warren township	421408	0	0	7	0	7	0	2
Wells township	421121	0	0	0	0	0	0	0
West Burlington township	421122	0	0	0	0	0	0	0
Wilmot township	421124	1	0	6	0	7	0	1
Windham township	421409	0	0	1	0	1	0	0
Wyalusing township	421126	1	1	4	0	4	0	0
Wysox township	420977	0	0	3	0	3	0	1

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	11	14	76	9	82	3	15
2 to 4 unit residential	0	1	5	1	5	0	1
other residential	0	0	0	0	0	0	0
non-residential	0	1	17	1	17	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 3 properties are FMA repetitive loss but not NFIP repetitive loss, and 90 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)
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What this packet is and what the plan adds

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

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

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

OpenFEMA disclaimer

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

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Cite this: Hazard Plain (2026). Bradford County, PA: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 42015). Automated baseline. <https://hazardplain.org/pa/42015/> 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