

Jefferson County, PA

Risk-assessment baseline packet

County FIPS: 42065 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: No county-level plan row in FEMA data.

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$11,220,426 a year), Lightning (\$716,943) and Cold Wave (\$587,431).

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; 42065 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

No county-level plan row in FEMA data

What changed since your last plan

Not available. No county-level plan row in FEMA data, so there is no approval date to count from.

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

Plan status for every jurisdiction listed in this county: 34 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
Big Run borough	Borough	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		this jurisdiction approved 2024-04-15
Brockway borough	Borough	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		
Brookville borough	Borough	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		this jurisdiction approved 2024-03-05
Corsica borough	Borough	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		
Falls Creek borough	Borough	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		
Punxsutawney borough	Borough	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		this jurisdiction approved 2024-01-08
Reynoldsville borough	Borough	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		this jurisdiction approved 2024-04-15
Summerville borough	Borough	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		
Sykesville borough	Borough	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		this jurisdiction approved 2024-02-05
Timblin borough	Borough	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		
Worthville borough	Borough	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		this jurisdiction approved 2024-01-08
Barnett township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		this jurisdiction approved 2024-09-21
Beaver township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		this jurisdiction approved 2024-02-01
Bell township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		this jurisdiction approved 2024-01-11
Clover township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		this jurisdiction approved 2024-06-11
Eldred township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		this jurisdiction approved 2024-02-12

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Gaskill township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		this jurisdiction approved 2024-04-18
Heath township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		
Henderson township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		this jurisdiction approved 2024-02-13
Knox township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		this jurisdiction approved 2024-02-14
McCalmont township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		
Oliver township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		this jurisdiction approved 2024-02-01
Perry township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		
Pine Creek township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		
Polk township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		this jurisdiction approved 2024-04-09
Porter township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		
Ringgold township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		
Rose township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		this jurisdiction approved 2024-02-01
Snyder township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		
Union township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		this jurisdiction approved 2024-03-04
Warsaw township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		this jurisdiction approved 2024-02-05
Washington township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		
Young township	Township	Approved, expires 2029-01-01	Jefferson County Hazard Mitigation Plan (FEMA plan 109097)	2024-01-02	2029-01-01	824		
Clarion-Limestone Area School District	School/School District	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	

Supports FEMA checklist item B1-a: hazard identification

Hazards NRI does not cover (local data needed)

- dam failure (incl. upstream dams)
- levee failure

- flash flood as its own subtype
- ice jams
- debris flows
- erosion (riverine and coastal)
- land subsidence and sinkholes
- expansive soils

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

Sources: 5, 6

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
1	Inland Flooding	Relatively Moderate	Relatively Low	\$11,176,823	\$3,264	\$40,339	\$11,220,426	109	
2	Lightning	Relatively High	Relatively Moderate	\$6,957	n/a	\$709,986	\$716,943	3	
3	Cold Wave	Relatively Low	Relatively Low	\$374	\$9,124	\$577,933	\$587,431	17	
4	Hurricane	Relatively Low	Relatively Low	\$372,871	\$18,444	\$12,782	\$404,097	0	Declared 3 times; no Storm Events record of this type.
5	Tornado	Relatively Low	Relatively Low	\$266,662	\$599	\$118,678	\$385,940	12	
6	Strong Wind	Relatively Low	Relatively Low	\$197,722	\$480	\$170,767	\$368,969	345	Includes 24 High Wind and 11 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
7	Winter Weather	Relatively Moderate	Relatively Moderate	\$15,079	\$14	\$135,147	\$150,240	94	
8	Earthquake	Very Low	Very Low	\$60,416	n/a	\$20,477	\$80,893		Storm Events does not record earthquakes.
9	Hail	Very Low	Very Low	\$11,986	\$2,231	\$28,942	\$43,160	68	
10	Heat Wave	Very Low	Very Low	under \$1	\$316	\$21,189	\$21,505	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
11	Ice Storm	Very Low	Very Low	\$8,357	n/a	\$9,308	\$17,665	15	
12	Landslide	Relatively Low	Relatively Low	\$1,300	n/a	\$9,647	\$10,947	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
13	Wildfire	Very Low	Very Low	\$3,284	\$4	\$797	\$4,085	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
14	Avalanche	Very Low	Very Low	\$0	n/a	\$14	\$14	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	2	

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 9502 (Very Low, 5.9)
Earthquake	tract 9506 (Very Low, 35.1); tract 9511 (Very Low, 28.8); tract 9503 (Very Low, 27.1)
Hurricane	tract 9506 (Relatively Low, 73.6); tract 9511 (Relatively Low, 69.9); tract 9503 (Relatively Low, 69.2)
Landslide	tract 9509 (Relatively Moderate, 96.2); tract 9506 (Relatively Low, 94.8); tract 9510 (Relatively Low, 94.6)
Tornado	tract 9506 (Relatively Low, 52.5); tract 9511 (Relatively Low, 48.3); tract 9503 (Relatively Low, 45.0)
Wildfire	tract 9511 (Very Low, 65.8); tract 9510 (Very Low, 63.2); tract 9506 (Very Low, 62.9)

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 9502 is Census Tract 9502). 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	17 records, 2009 to 2026 (17 zone-level)	1 day to 3 days (median 2 days); 17 with a recorded value	3 consecutive days, 2025-01-20 to 2025-01-22, zone-level		Countywide (zone-level records).	
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	0					
Drought	U.S. Drought Monitor scale (D0 to D4)	2 records, 1999 (2 zone-level)	61 days; 1 with a recorded value	61 days (2 months), 1999-08-01 to 1999-09-30, a run of 2 consecutive Storm Events drought records, zone-level		Countywide (zone-level records).	Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	hail size (inches)	79 records, 1966 to 2026	0.75 in to 2 in (median 0.88 in); 79 with a recorded value	2 in hail, 1976-07-11		Event records naming jurisdictions in the plan: Brookville borough (12 records), Brockway borough (9 records), Punxsutawney borough (4 records), Sykesville borough (4 records), Big Run borough (3 records), Reynoldsville borough (3 records), Corsica borough (2 records), Worthville borough (2 records).	
Excessive Heat, Heat	heat index (in event narratives)	0					
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	0					Storm Events files every zone of a storm's episode under the storm's type; flooding from the storm is filed as Flood or Flash Flood records.
Ice Storm	Sperry-Piltz ice scale (local data)	15 records, 1997 to 2016 (15 zone-level)		Ice Storm, 2005-01-05, \$30,000 property; crops not reported (2005 dollars); NWS zone PAZ016		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)	109 records, 1996 to 2025 (4 zone-level)		Flash Flood, 1996-07-19, \$100,000,000 property; crops not reported (1996 dollars)		Event records naming jurisdictions in the plan: Brookville borough (18 records), Summerville borough (10 records), Punxsutawney borough (7 records), Reynoldsville borough (7 records), Sykesville borough (5 records), Big Run borough (4 records), Brockway borough (3 records), Corsica borough (2 records), Pine Creek township (2 records), Worthville borough (1 record). Zone-level records (4) 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)	3 records, 1996 to 1997		Lightning, 1996-09-12, \$5,000 property; crops not reported (1996 dollars)		Event records naming jurisdictions in the plan: Brookville borough (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)	35 records, 1997 to 2026 (35 zone-level)	40 kt (46 mph) to 65 kt (75 mph) (median 50 kt (58 mph)); 32 with a recorded value	65 kt (75 mph) measured gust, High Wind, 2026-03-13; NWS zone PAZ016	High Wind, 2008-09-14, \$500,000 property; \$0 crops (zone total, 2008 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	385 records, 1955 to 2026	50 kt (58 mph) to 70 kt (81 mph) (median 50 kt (58 mph)); 284 with a recorded value	70 kt (81 mph), measurement type not recorded, Thunderstorm Wind, 1976-07-11	Thunderstorm Wind, 2024-08-06, \$2,000,000 property; \$0 crops (2024 dollars)	Event records naming jurisdictions in the plan: Brookville borough (49 records), Punxsutawney borough (27 records), Brockway borough (26 records), Reynoldsville borough (22 records), Big Run borough (18 records), Summerville borough (12 records), Sykesville borough (6 records), Pine Creek township (3 records), Corsica borough (2 records), Porter township (2 records); and 3 more jurisdictions (see the Excel file).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	17 records, 1968 to 2026	F/EF0 to F/EF2 (median F/EF1); 17 with a recorded value	F2 tornado, 1976-07-11, 28.7 mi path length (whole path, pre-1996), 33 yd wide, \$250,000 property; crops not recorded (1976 dollars), 1 direct death, 7 direct injuries	Tornado, 2021-10-16, \$150,000 property; \$750,000 crops (2021 dollars)	Event records naming jurisdictions in the plan: Brockway borough (1 record), Punxsutawney borough (1 record), Reynoldsville borough (1 record), Ringgold 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)	94 records, 1996 to 2026 (94 zone-level)		Winter Storm, 2008-02-01, \$25,000 property; \$0 crops (2008 dollars); NWS zone PAZ016		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 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: 14 declarations covering 10 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

No county-level plan row in FEMA data, so there is no approval date to count from.

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	\$62,331.36	
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
2013-10-01	2013-06-26	DR-4149-PA	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado	\$512,012.30	
2012-10-29	2012-10-26	EM-3356-PA	Emergency	Hurricane Sandy	Hurricane	no Public Assistance recorded	
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	
2004-09-19	2004-09-17	DR-1557-PA	Major disaster	Tropical Depression Ivan	Hurricane	\$238,441.55	
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	
1996-07-26	1996-07-19	DR-1130-PA	Major disaster	Severe Storms, Flooding, and Tornadoes	Inland Flooding (primary); also designated: Tornado	no Public Assistance recorded	

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Notes
						<i>federal share obligated, nominal dollars</i>	
1996-01-21	1996-01-19	DR-1093-PA	Major disaster	Severe Storms and Flooding	Inland Flooding	no Public Assistance recorded	
1993-03-16	1993-03-13	EM-3105-PA	Emergency	Severe Snowfall & Winter Storm	Winter Weather	no Public Assistance recorded	
1981-06-15	1981-06-15	DR-641-PA	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded	
1977-07-21	1977-07-21	DR-537-PA	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded	
1977-01-29	1977-01-29	EM-3026-PA	Emergency	Snowstorms	Winter Weather	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		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	17			6	0		1996 to 2026-06-30	
Drought	2			0	0		1996 to 2026-06-30	
Earthquake	0			0	0			Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	79			6	0		1955 to 2026-06-30	

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Heat Wave	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Hurricane	0			0	3		1996 to 2026-06-30	No Storm Events records of this type; 3 federal declared incidents (see declarations table)
Ice Storm	15			0	0		1996 to 2026-06-30	
Inland Flooding	109			7	6		1996 to 2026-06-30	
Landslide	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	3			0	0		1996 to 2026-06-30	
Strong Wind	420			71	0		1955 to 2026-06-30	Includes 24 High Wind and 11 Strong Wind records.
Tornado	17			2	2		1950 to 2026-06-30	
Wildfire	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	94			29	2		1996 to 2026-06-30	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Flags	Why listed
2026-03-13	High Wind	65 kt (75 mph) measured gust	\$0 property; \$0 crops (zone total, 2026 dollars)	0, 0	NWS zone PAZ016 (JEFFERSON), zone-level	within last 5 years	B1-c worst recorded: High Wind and Strong Wind
2025-01-20	Cold/Wind Chill		\$0 property; \$0 crops (zone total, 2025 dollars)	0, 0	NWS zone PAZ016 (JEFFERSON), zone-level	within last 5 years	B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2021-10-16	Tornado	EF1, 0.58 mi within this county, 260 yd wide	\$150,000 property; \$750,000 crops (2021 dollars)	0, 0	SIGEL	within last 5 years	B1-c most damaging: Tornado
2019-08-17	Thunderstorm Wind	50 kt (58 mph) estimated gust	\$2,000 property; \$0 crops (2019 dollars)	0, 1	KAHLETOWN		deaths or injuries recorded
2008-02-01	Winter Storm		\$25,000 property; \$0 crops (zone total, 2008 dollars)	0, 0	NWS zone PAZ016 (JEFFERSON), zone-level		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2005-01-05	Ice Storm		\$30,000 property; crops not reported (zone total, 2005 dollars)	0, 0	NWS zone PAZ016 (JEFFERSON), zone-level		B1-c worst recorded: Ice Storm
1999-08-01	Drought		damage not reported	0, 0	NWS zone PAZ016 (JEFFERSON), zone-level		B1-c worst recorded: Drought
1996-09-12	Lightning		\$5,000 property; crops not reported (1996 dollars)	0, 0	SIGEL		B1-c worst recorded: Lightning
1996-07-19	Flash Flood		\$100,000,000 property; crops not reported (1996 dollars)	0, 0	PUNXSUTAWNEY		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
1976-07-11	Hail	2 in	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Hail
1976-07-11	Tornado	F2, 28.7 mi path length (whole path, pre-1996), 33 yd wide	\$250,000 property; crops not recorded (1976 dollars)	1, 7	location not recorded		deaths or injuries recorded
1976-07-11	Thunderstorm Wind	70 kt (81 mph), measurement type not recorded	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Thunderstorm Wind

The full list is in the Excel file, sheet "B1-d Storm Events history" (756 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	3.84	event-days per year	about 3.84 days per year	Likely	Storm Events event-days in 7 of 30 years, 1996 to 2025 (23.3%)	73	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	0	event-days per year	none modeled	Possible	Storm Events event-days in 1 of 30 years, 1996 to 2025 (3.33%)	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 1 of 30 years. The descriptor comes from Storm Events, which counts D2 drought that NRI leaves out.
Earthquake	0.000413	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0413%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	2	events per year	about 2 per year	Highly likely	FEMA annualized frequency (modeled)	75.8 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	0.475	event-days per year	about 0.475 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	11	2005-11-12 to 2024-11-12 (19 years)	countywide	No Storm Events heat wave record, 1996 to 2025
Hurricane	0.0356	events per year	about 1 in 28 years	Possible	FEMA annualized frequency (modeled)	12	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	0.363	event-days per year	about 0.363 days per year	Likely	Storm Events event-days in 10 of 30 years, 1996 to 2025 (33.3%)	25	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	1.96	event-days per year	about 1.96 days per year	Likely	Storm Events event-days in 24 of 30 years, 1996 to 2025 (80%)	55	1996 to 2023 (28 years)	see B1-f	

Hazard	FEMA annualized frequency (modeled)	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
	<i>unit per row</i>						NRI period				
Landslide	0.713	events per year (modeled)	about 0.71 per year	Likely	FEMA annualized frequency (modeled)	not shown	modeled			see B1-f	
Lightning	37.9	days per year with a strike	about 37.9 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)			countywide	
Strong Wind	2.26	events per year	about 2.26 per year	Highly likely	FEMA annualized frequency (modeled)	86	1986 to 2023 (38 years)			countywide	
Tornado	0.202	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	0.0000697	annual probability at a location	chance a given location in the county burns in a year: 0.00697%		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	16.1	event-days per year	about 16.1 days per year	Likely	Storm Events event-days in 25 of 30 years, 1996 to 2025 (83.3%)	306	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	29	30	0.967
Hail	2.00 in+	1996 to 2025	0	30	0
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	254	30	8.47
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	5	30	0.167
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	37	30	1.23
Tornado	EF0-1	1996 to 2025	9	30	0.3
Tornado	EF2-3	1996 to 2025	2	30	0.0667
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

The bands show how often events of each severity were recorded in this county, to profile how severe events have been (FEMA's probability item asks for the range of intensities).

Hail smaller than 1 inch is not counted: on 2010-01-05 the National Weather Service raised its severe-hail threshold from 3/4 inch to 1 inch, so smaller reports became less common after 2009 (NWS Service Change Notice 09-52). NRI hail frequency uses a 0.75 inch threshold.

Optional: future conditions. Not a required item in the 2025 FEMA Local Mitigation Planning Policy Guide; some states ask for it. The federal Climate Mapping for Resilience and Adaptation (CMRA) site gives county exposure to future climate conditions (<https://resilience.climate.gov/>).

Supports FEMA checklist item B1-f: hazards that vary across jurisdictions

Range of census tract risk within the county

Source: 5

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Avalanche	1 of 13	5.9	5.9	5.9	Very Low 1, Not Applicable 12
Cold Wave	13 of 13	33.3	50.4	64.9	Relatively Moderate 8, Relatively Low 5
Drought	0 of 13				No Rating 13
Earthquake	13 of 13	12.4	23.5	35.1	Very Low 13
Hail	13 of 13	28.0	39.1	52.4	Relatively Low 8, Very Low 5
Heat Wave	13 of 13	2.2	3.0	4.2	Very Low 13
Hurricane	13 of 13	55.5	65.6	73.6	Relatively Low 13
Ice Storm	13 of 13	9.6	21.5	38.1	Relatively Low 1, Very Low 12
Inland Flooding	13 of 13	34.7	82.2	93.5	Relatively High 8, Relatively Moderate 4, Relatively Low 1
Landslide	13 of 13	59.8	92.7	96.2	Relatively Moderate 1, Relatively Low 6, Very Low 6
Lightning	13 of 13	79.6	95.3	98.7	Very High 6, Relatively High 7
Strong Wind	13 of 13	49.0	69.7	83.7	Relatively High 1, Relatively Moderate 11, Relatively Low 1
Tornado	13 of 13	30.3	37.9	52.5	Relatively Low 13
Wildfire	13 of 13	40.3	56.2	65.8	Very Low 13
Winter Weather	13 of 13	70.7	87.1	94.2	Relatively High 12, Relatively Moderate 1

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	Public Assistance to this jurisdiction	Event records naming this place
			<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>
Big Run borough	Borough	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 6	\$1,231.50	25 total; 5 since its plan
Brockway borough	Borough	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	\$3,481.57	39 total; 4 since its plan
Brookville borough	Borough	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 2	\$2,903.22	80 total; 8 since its plan
Corsica borough	Borough	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	6 total; 0 since its plan

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place
			FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition	FEMA records matched by applicant name; federal share obligated, nominal dollars	all years; since its plan
Falls Creek borough	Borough	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan
Punxsutawney borough	Borough	Approved, expires 2029-01-01	FMA RL 0, SRL 1; any 11	\$111,539.14	39 total; 1 since its plan
Reynoldsville borough	Borough	Approved, expires 2029-01-01	FMA RL 2, SRL 1; any 15	\$55,369.10	33 total; 1 since its plan
Summerville borough	Borough	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 1	\$8,262.02	22 total; 0 since its plan
Sykesville borough	Borough	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	\$9,331.25	15 total; 1 since its plan
Timblin borough	Borough	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	\$10,004.84	1 total; 0 since its plan
Worthville borough	Borough	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	5 total; 0 since its plan
Barnett township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	\$8,872.01	0 total; 0 since its plan
Beaver township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	\$42,748.31	0 total; 0 since its plan
Bell township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 1; any 1	\$57,779.33	0 total; 0 since its plan
Clover township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan
Eldred township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan
Gaskill township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	\$10,454.65	0 total; 0 since its plan
Heath township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	\$53,732.23	0 total; 0 since its plan
Henderson township	Township	Approved, expires 2029-01-01	FMA RL 1, SRL 0; any 1	\$17,444.72	0 total; 0 since its plan
Knox township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	\$27,091.97	0 total; 0 since its plan
McCalmont township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	\$57,030.85	0 total; 0 since its plan
Oliver township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	\$47,537.63	0 total; 0 since its plan
Perry township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 1	no Public Assistance recorded	0 total; 0 since its plan
Pine Creek township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	5 total; 0 since its plan
Polk township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	\$27,656.39	0 total; 0 since its plan
Porter township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	2 total; 1 since its plan
Ringgold township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	1 total; 0 since its plan
Rose township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	\$4,788.05	0 total; 0 since its plan
Snyder township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 1	\$20,238.56	0 total; 0 since its plan
Union township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	\$1,917.39	0 total; 0 since its plan
Warsaw township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	\$6,018.53	1 total; 0 since its plan
Washington township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 0	\$19,923.03	0 total; 0 since its plan
Young township	Township	Approved, expires 2029-01-01	FMA RL 0, SRL 0; any 2	\$27,755.35	0 total; 0 since its plan

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

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

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

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

Local data needed

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

No county-level plan row in FEMA data, so there is no approval date to count from.

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

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

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

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since plan <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Avalanche	\$0	n/a	under 1	\$0	n/a	\$14					building exposure is 0 in NRI
Cold Wave	\$9,085,033,208	\$28,874,827	44,472	\$374	\$9,124	\$577,933	under 0.0001%				
Drought	n/a	\$0	n/a	n/a	\$0	n/a					agriculture exposure is 0 in NRI
Earthquake	\$16,038,096,012	n/a	44,492	\$60,416	n/a	\$20,477	0.000377%				
Hail	\$9,085,033,208	\$28,874,827	44,472	\$11,986	\$2,231	\$28,942	0.000132%				
Heat Wave	\$9,085,033,208	\$28,874,827	44,472	under \$1	\$316	\$21,189	under 0.0001%				
Hurricane	\$9,085,033,208	\$28,867,296	44,472	\$372,871	\$18,444	\$12,782	0.0041%				
Ice Storm	\$9,081,147,702	n/a	44,460	\$8,357	n/a	\$9,308	under 0.0001%				
Inland Flooding	\$9,075,545,328	\$410,598	1,851	\$11,176,823	\$3,264	\$40,339	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	\$602,089,037	n/a	3,515	\$1,300	n/a	\$9,647	0.000216%				
Lightning	\$9,085,033,208	n/a	44,472	\$6,957	n/a	\$709,986	under 0.0001%				
Strong Wind	\$9,085,033,208	\$28,874,827	44,472	\$197,722	\$480	\$170,767	0.00218%				
Tornado	\$9,085,033,208	\$28,874,827	44,472	\$266,662	\$599	\$118,678	0.00294%				

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since plan <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Wildfire	\$1,947,259,690	\$7,222,800	11,068	\$3,284	\$4	\$797	0.000169%				
Winter Weather	\$9,085,033,208	\$28,874,827	44,472	\$15,079	\$14	\$135,147	0.000166%				

Totals since the plan: not available. No county-level plan row in FEMA data, so there is no approval date to count from.

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	44,472
Building value (total, not at risk)	\$9,085,033,208
Agriculture value (total, not at risk)	\$28,874,827
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$12,156,308
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)	\$1,856,008
Social vulnerability rating	Very High
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)	3	Severe repetitive loss, FMA definition (44 CFR 77.2)	3
Repetitive loss, NFIP insurance definition	40	Severe repetitive loss, NFIP insurance definition	2

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

Repeat-flood properties: county and state-level rows

Sources: 1, 4

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
County total	3	3	40	2	41	2	11
of which: Big Run borough	0	0	6	0	6	0	2
of which: Brookville borough	0	0	2	0	2	0	1
of which: Punxsutawney borough	0	1	10	0	11	1	2
of which: Reynoldsville borough	2	1	15	1	15	1	4
of which: Summerville borough	0	0	1	0	1	0	1
of which: Henderson township	1	0	1	0	1	0	0
of which: Snyder township	0	0	1	0	1	0	0
of which: Young township	0	0	2	0	2	0	1
of which: Bell township	0	1	1	1	1	0	0
of which: Perry 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>
Big Run borough	420508	0	0	6	0	6	0	2
Brockway borough	420509	0	0	0	0	0	0	0
Brookville borough	420510	0	0	2	0	2	0	1
Corsica borough	422708	0	0	0	0	0	0	0
Falls Creek borough	420511	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>
Punxsutawney borough	420512	0	1	10	0	11	1	2
Reynoldsville borough	420513	2	1	15	1	15	1	4
Summerville borough	420514	0	0	1	0	1	0	1
Sykesville borough	420515	0	0	0	0	0	0	0
Timblin borough	422448	0	0	0	0	0	0	0
Worthville borough	420516	0	0	0	0	0	0	0
Barnett township	422440	0	0	0	0	0	0	0
Beaver township	422441	0	0	0	0	0	0	0
Bell township	422244	0	1	1	1	1	0	0
Clover township	422442	0	0	0	0	0	0	0
Eldred township	422443	0	0	0	0	0	0	0
Gaskill township	421727	0	0	0	0	0	0	0
Heath township	421728	0	0	0	0	0	0	0
Henderson township	421729	1	0	1	0	1	0	0
Knox township	421730	0	0	0	0	0	0	0
McCalmont township	421731	0	0	0	0	0	0	0
Oliver township	421732	0	0	0	0	0	0	0
Perry township	422444	0	0	1	0	1	0	0
Pine Creek township	422445	0	0	0	0	0	0	0
Polk township	421733	0	0	0	0	0	0	0
Porter township	422446	0	0	0	0	0	0	0
Ringgold township	422447	0	0	0	0	0	0	0
Rose township	421734	0	0	0	0	0	0	0
Snyder township	421735	0	0	1	0	1	0	0
Union township	422449	0	0	0	0	0	0	0
Warsaw township	422450	0	0	0	0	0	0	0
Washington township	422451	0	0	0	0	0	0	0
Young township	421737	0	0	2	0	2	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	3	2	28	2	28	1	7
2 to 4 unit residential	0	0	1	0	1	0	1
other residential	0	0	1	0	1	0	1
non-residential	0	1	10	0	11	1	2
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 37 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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

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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). Jefferson County, PA: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 42065). Automated baseline. <https://hazardplain.org/pa/42065/> 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