

Blair County, PA

Risk-assessment baseline packet

County FIPS: 42013 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 2031-05-25. Plan: Blair County Hazard Mitigation Plan (FEMA plan 109083), approved 2026-05-26.

Since the plan was approved on 2026-05-26: no new hazard declaration and 6 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 (\$27,327,501 a year), Tornado (\$1,519,442) and Hurricane (\$1,430,169).

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; 42013 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 2031-05-25	Plan:	Blair County Hazard Mitigation Plan (FEMA plan 109083)
Approved:	2026-05-26	Days to expiry:	1,698
What changed since your last plan (approved 2026-05-26)			
New federal declarations:	none	Storm Events records since approval:	6 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 2, SRL 22 (44 CFR 77.2); any definition: 121	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: 25 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
Blair County	County	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		this jurisdiction approved 2026-06-11
Altoona city	City	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		this jurisdiction approved 2026-06-08
Bellwood borough	Organized Borough	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		
Duncansville borough	Organized Borough	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		this jurisdiction approved 2026-06-10
Holidaysburg borough	Organized Borough	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		this jurisdiction approved 2026-06-11
Martinsburg borough	Organized Borough	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		this jurisdiction approved 2026-06-01
Roaring Spring borough	Organized Borough	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		this jurisdiction approved 2026-06-08
Tunnelhill borough	Organized Borough	Approved, expires 2027-08-01	Cambria County Hazard Mitigation Plan (FEMA plan 108323)	2022-08-02	2027-08-01	305	FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Tyrone borough	Organized Borough	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		this jurisdiction approved 2026-06-08
Williamsburg borough	Organized Borough	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		this jurisdiction approved 2026-06-01
Allegheny township	Township	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		this jurisdiction approved 2026-06-15
Antis township	Township	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		this jurisdiction approved 2026-07-02
Blair township	Township	Plan 109083 approved 2026-05-26, pending adoption here; not yet eligible	Blair County Hazard Mitigation Plan (FEMA plan 109083), pending adoption here	2026-05-26 by FEMA; not yet adopted here	2031-05-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Catharine township	Township	Plan 109083 approved 2026-05-26, pending adoption here; not yet eligible	Blair County Hazard Mitigation Plan (FEMA plan 109083), pending adoption here	2026-05-26 by FEMA; not yet adopted here	2031-05-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Frankstown township	Township	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		
Freedom township	Township	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		this jurisdiction approved 2026-06-02
Greenfield township	Township	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		this jurisdiction approved 2026-06-02
Huston township	Township	Plan 109083 approved 2026-05-26, pending adoption here; not yet eligible	Blair County Hazard Mitigation Plan (FEMA plan 109083), pending adoption here	2026-05-26 by FEMA; not yet adopted here	2031-05-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Juniata township	Township	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		this jurisdiction approved 2026-06-01
Logan township	Township	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		this jurisdiction approved 2026-05-28
North Woodbury township	Township	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		this jurisdiction approved 2026-06-04
Snyder township	Township	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		this jurisdiction approved 2026-08-03
Taylor township	Township	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		this jurisdiction approved 2026-06-01
Tyrone township	Township	Plan 109083 approved 2026-05-26, pending adoption here; not yet eligible	Blair County Hazard Mitigation Plan (FEMA plan 109083), pending adoption here	2026-05-26 by FEMA; not yet adopted here	2031-05-25 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Woodbury township	Township	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,698		this jurisdiction approved 2026-06-04

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 Moderate	\$25,861,014	\$131,242	\$1,335,245	\$27,327,501	57	
2	Tornado	Relatively Low	Relatively Low	\$914,960	\$1,693	\$602,789	\$1,519,442	2	
3	Hurricane	Relatively Low	Relatively Low	\$1,218,727	\$159,100	\$52,342	\$1,430,169	1	
4	Strong Wind	Relatively Moderate	Relatively Moderate	\$52,773	\$6,728	\$801,168	\$860,669	228	Includes 25 High Wind and 4 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
5	Cold Wave	Relatively Low	Relatively Low	\$610	\$20,904	\$792,040	\$813,553	10	
6	Lightning	Relatively Moderate	Relatively Moderate	\$12,504	n/a	\$561,096	\$573,600	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
7	Earthquake	Relatively Low	Relatively Low	\$357,720	n/a	\$105,669	\$463,390		Storm Events does not record earthquakes.
8	Winter Weather	Relatively High	Relatively High	\$30,434	\$21	\$417,287	\$447,743	72	
9	Heat Wave	Relatively Low	Relatively Low	under \$1	\$39	\$215,205	\$215,244	3	
10	Hail	Relatively Low	Relatively Low	\$182,294	\$3,900	\$1,714	\$187,908	25	
11	Landslide	Relatively Low	Relatively Low	\$20,088	n/a	\$10,148	\$30,235	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
12	Ice Storm	Very Low	Very Low	\$13,761	n/a	\$5,316	\$19,076	10	
13	Wildfire	Very Low	Very Low	\$12,356	\$25	\$2,094	\$14,475	1	

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	under \$1	n/a	\$1,215	\$1,215	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	6	

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

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

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

Not applicable to this county per NRI, with no federal declaration and no Storm Events record since 1996: 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 101.02 (Very Low, 52.0); tract 101.01 (Very Low, 51.8); tract 116 (Very Low, 50.2)
Earthquake	tract 1012 (Relatively Low, 58.0); tract 112.01 (Relatively Low, 52.4); tract 1016 (Relatively Low, 49.6)
Hurricane	tract 113 (Relatively Moderate, 80.0); tract 109 (Relatively Moderate, 79.3); tract 101.01 (Relatively Low, 77.8)
Landslide	tract 101.01 (Relatively Moderate, 97.3); tract 109 (Relatively Moderate, 96.7); tract 110.01 (Relatively Moderate, 96.2)
Tornado	tract 113 (Relatively Moderate, 59.0); tract 110.02 (Relatively Moderate, 58.5); tract 109 (Relatively Moderate, 58.1)
Wildfire	tract 109 (Relatively Low, 76.5); tract 107.01 (Relatively Low, 72.6); tract 101.01 (Relatively Low, 72.1)

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 101.02 is Census Tract 101.02). 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	10 records, 2007 to 2025 (10 zone-level)	2 days to 3 days (median 2 days); 9 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)	6 records, 1997 to 2020 (6 zone-level)	1 day to 62 days (median 17 days); 4 with a recorded value	62 days (2 months), 1999-07-01 to 1999-08-31, 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)	30 records, 1976 to 2025	0.75 in to 1.5 in (median 1 in); 29 with a recorded value	1.5 in hail, 2023-06-03		Event records naming jurisdictions in the plan: Bellwood borough (5 records), Tyrone borough (5 records), Tyrone township (5 records), Martinsburg borough (2 records), Altoona city (1 record).	
Excessive Heat, Heat	heat index (in event narratives)	3 records, 2006 to 2025 (3 zone-level)	1 day to 3 days (median 2 days); 3 with a recorded value	3 consecutive days, 2025-06-23 to 2025-06-25, zone-level		Countywide (zone-level records).	
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	1 record, 2003 (1 zone-level)		Strongest recorded: Tropical Storm record, 2003-09-18 to 2003-09-19, damage not reported; NWS zone PAZ025		Countywide (zone-level records).	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)	10 records, 1997 to 2025 (10 zone-level)		No damage reported in 10 records.		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)	57 records, 1996 to 2025 (10 zone-level)		Flash Flood, 2003-08-09, \$250,000 property; crops not reported (2003 dollars)		Event records naming jurisdictions in the plan: Altoona city (9 records), Williamsburg borough (4 records), Tyrone borough (2 records), Tyrone township (2 records), Bellwood borough (1 record), Duncansville borough (1 record), Frankstown township (1 record). Zone-level records (10) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage is often \$0 or blank for floods, major ones included; FEMA Public Assistance by declaration (B1-d) shows which floods cost the most.
Debris Flow	none (count and damage only)	0					
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	0					Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	29 records, 1999 to 2026 (29 zone-level)	39 kt (45 mph) to 70 kt (81 mph) (median 51 kt (59 mph)); 27 with a recorded value	70 kt (81 mph) estimated gust, High Wind, 2024-01-10; NWS zone PAZ025	High Wind, 2009-02-12, \$100,000 property; crops not reported (zone total, 2009 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	229 records, 1960 to 2026	39 kt (45 mph) to 87 kt (100 mph) (median 52 kt (60 mph)); 193 with a recorded value	87 kt (100 mph) estimated gust, Thunderstorm Wind, 2025-03-16		Event records naming jurisdictions in the plan: Altoona city (16 records), Tyrone borough (13 records), Tyrone township (13 records), Bellwood borough (9 records), Martinsburg borough (7 records), Williamsburg borough (7 records), Duncansville borough (4 records), Tunnelhill borough (3 records), Roaring Spring borough (1 record).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	3 records, 1988 to 1998	F/EF1; 3 with a recorded value	F1 tornado, 1988-11-05, 1 mi path length (whole path, pre-1996), 20 yd wide, \$2,500,000 property; crops not recorded (1988 dollars)		Event records naming jurisdictions in the plan: Tyrone borough (1 record), Tyrone 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)	1 record, 2024 (1 zone-level)		Wildfire, 2024-11-08, \$2,000,000 property; crops not reported (2024 dollars); NWS zone PAZ025		Countywide (zone-level records).	
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	72 records, 1996 to 2026 (72 zone-level)		Heavy Snow, 2001-03-04, \$5,000 property; crops not reported (2001 dollars); NWS zone PAZ025		Countywide (zone-level records).	

In event narratives only (local data needed): wind chill, temperature, heat index, ice thickness, acres burned and snow depth; any physical measure of 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: 18 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	\$1,022,820.26	
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
2016-03-23	2016-01-22	DR-4267-PA	Major disaster	Severe Winter Storm and Snowstorm	Winter Weather	\$293,999.67	
2012-10-29	2012-10-26	EM-3356-PA	Emergency	Hurricane Sandy	Hurricane	no Public Assistance recorded	
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	
2010-04-16	2010-02-05	DR-1898-PA	Major disaster	Severe Winter Storms and Snowstorms	Winter Weather	\$376,381.25	
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	\$1,202,053.86	
2004-09-19	2004-09-08	DR-1555-PA	Major disaster	Severe Storms and Flooding Associated with Tropical Depression Frances	Hurricane; Inland Flooding	PA not declared for this county	

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Notes
						<i>federal share obligated, nominal dollars</i>	
2003-08-23	2003-07-21	DR-1485-PA	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado	PA not declared for this county	
2003-03-14	2003-02-14	EM-3180-PA	Emergency	Snow	Winter Weather	\$172,085.03	
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	
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	
1984-08-27	1984-08-27	DR-721-PA	Major disaster	Severe Storms & Flooding	Inland Flooding	PA not declared for this county	
1977-07-21	1977-07-21	DR-537-PA	Major disaster	Severe Storms & 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
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	10	0	0	2	0	0	1996 to 2026-06-30	
Drought	6	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	30	0	0	4	0	0	1955 to 2026-06-30	
Heat Wave	3	0	1	1	0	0	1996 to 2026-06-30	
Hurricane	1	0	0	0	5	0	1996 to 2026-06-30	
Ice Storm	10	0	1	2	0	0	1996 to 2026-06-30	
Inland Flooding	57	0	5	8	8	0	1996 to 2026-06-30	
Landslide	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Strong Wind	258	6	8	53	0	0	1955 to 2026-06-30	Includes 25 High Wind and 4 Strong Wind records.
Tornado	3	0	0	0	2	0	1950 to 2026-06-30	
Wildfire	1	0	0	1	0	0	1996 to 2026-06-30	
Winter Weather	72	0	4	16	5	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
2025-06-23	Heat		\$0 property; \$0 crops (zone total, 2025 dollars)	0, 0	NWS zone PAZ025 (BLAIR), zone-level	in the 12 months before plan approval; within last 5 years	B1-c worst recorded: Excessive Heat, Heat
2025-03-16	Thunderstorm Wind	87 kt (100 mph) estimated gust	\$80,000 property; \$0 crops (2025 dollars)	0, 0	GEESEYTOWN to CANOE CREEK	within last 5 years	B1-c worst recorded: Thunderstorm Wind
2025-01-20	Cold/Wind Chill		\$0 property; \$0 crops (zone total, 2025 dollars)	0, 0	NWS zone PAZ025 (BLAIR), zone-level	within last 5 years	B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2024-11-08	Wildfire		\$2,000,000 property; crops not reported (zone total, 2024 dollars)	0, 0	NWS zone PAZ025 (BLAIR), zone-level	within last 5 years	B1-c worst recorded: Wildfire
2024-01-10	High Wind	70 kt (81 mph) estimated gust	\$45,000 property; \$0 crops (zone total, 2024 dollars)	0, 0	NWS zone PAZ025 (BLAIR), zone-level	within last 5 years	B1-c worst recorded: High Wind and Strong Wind
2023-06-03	Hail	1.5 in	\$0 property; \$0 crops (2023 dollars)	0, 0	CANOE CREEK	within last 5 years	B1-c worst recorded: Hail
2004-09-17	Flood		damage not reported	1, 0	NWS zone PAZ025 (BLAIR), zone-level		deaths or injuries recorded
2003-09-18	Tropical Storm		damage not reported	0, 0	NWS zone PAZ025 (BLAIR), zone-level		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2003-08-09	Flash Flood		\$250,000 property; crops not reported (2003 dollars)	0, 0	ALTOONA		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2001-03-04	Heavy Snow		\$5,000 property; crops not reported (zone total, 2001 dollars)	0, 0	NWS zone PAZ025 (BLAIR), zone-level		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
1996-01-19	Flash Flood		damage not reported	1, 0	COUNTYWIDE		deaths or injuries recorded
1988-11-05	Tornado	F1, 1 mi path length (whole path, pre-1996), 20 yd wide	\$2,500,000 property; crops not recorded (1988 dollars)	0, 0	location not recorded		B1-c worst recorded: Tornado

The full list is in the Excel file, sheet "B1-d Storm Events history" (451 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	1.84	event-days per year	about 1.84 days per year	Likely	Storm Events event-days in 7 of 30 years, 1996 to 2025 (23.3%)	35	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	0	event-days per year	none modeled	Likely	Storm Events event-days in 4 of 30 years, 1996 to 2025 (13.3%)	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 4 of 30 years. The descriptor comes from Storm Events, which counts D2 drought that NRI leaves out.
Earthquake	0.00054	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.054%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	1.59	events per year	about 1.59 per year	Highly likely	FEMA annualized frequency (modeled)	60.3 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	1.32	event-days per year	about 1.32 days per year	Possible	Storm Events event-days in 2 of 30 years, 1996 to 2025 (6.67%)	21	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.0477	events per year	about 1 in 21 years	Possible	FEMA annualized frequency (modeled)	14	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	0.104	event-days per year	about 0.104 days per year	Likely	Storm Events event-days in 10 of 30 years, 1996 to 2025 (33.3%)	7	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	1.54	event-days per year	about 1.54 days per year	Likely	Storm Events event-days in 21 of 30 years, 1996 to 2025 (70%)	43	1996 to 2023 (28 years)	see B1-f	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area- weighted, so can be fractional)	NRI period	Location	Note
Landslide	0.638	events per year (modeled)	about 0.64 per year	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	36.6	days per year with a strike	about 36.6 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	2.84	events per year	about 2.84 per year	Highly likely	FEMA annualized frequency (modeled)	108	1986 to 2023 (38 years)	countywide	
Tornado	0.17	events per year	about 1 in 6 years	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Wildfire	0.000098	annual probability at a location	chance a given location in the county burns in a year: 0.0098%	Possible	Storm Events records in 1 of 30 years, 1996 to 2025 (3.33%)	not shown	modeled	see B1-f	
Winter Weather	13.9	event-days per year	about 13.9 days per year	Highly likely	Storm Events event-days in 28 of 30 years, 1996 to 2025 (93.3%)	265	2005-11-12 to 2024-11-12 (19 years)	countywide	

FEMA annualized frequency (modeled) is the National Risk Index v1.20 (December 2025) estimate of how often a hazard affects this county in a year; it is not recorded events divided by years, and its unit differs by hazard (events, event-days, or days with a lightning strike per year). For earthquake, wildfire, coastal flooding and tsunami the value is the chance (or number of events) at a location in the county, not across the county, so no "1 in N years" is given and the descriptor comes from Storm Events where it has a record (none for earthquake). The Methods page gives each hazard's method, from FEMA's National Risk Index Technical Documentation v1.20.

Where NRI gives event-days, the descriptor comes from the share of years with a Storm Events record; NRI's source records more events, so the two differ.

Descriptor scale used in this packet (defined per unit)

Sources: 5, 6

Unit	Descriptor	Definition
events per year	Highly likely	1 or more per year
events per year	Likely	about once in 1 to 10 years
events per year	Possible	about once in 10 to 100 years
events per year	Unlikely	less than once in 100 years
annual probability	Likely	10% to under 100% chance in a given year
annual probability	Possible	1% to under 10% chance in a given year
annual probability	Unlikely	under 1% chance in a given year
event-days (share of years)	Highly likely	event-days recorded in 90% or more of years
event-days (share of years)	Likely	event-days recorded in 10% to under 90% of years
event-days (share of years)	Possible	event-days recorded in some years but under 10% of years
lightning strike-days	Highly likely	cloud-to-ground strikes on 1 or more days per year

Intensity bands: historical frequency (Storm Events)

Source: 6

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Hail	1.00-1.99 in	1996 to 2025	18	30	0.6
Hail	2.00 in+	1996 to 2025	0	30	0
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	174	30	5.8
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	3	30	0.1
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	14	30	0.467
Tornado	EF0-1	1996 to 2025	2	30	0.0667
Tornado	EF2-3	1996 to 2025	0	30	0
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	12 of 38	46.1	48.8	52.0	Very Low 12, Not Applicable 26
Cold Wave	38 of 38	21.6	32.8	49.6	Relatively Moderate 2, Relatively Low 36
Drought	0 of 38				No Rating 38
Earthquake	38 of 38	10.7	30.8	58.0	Relatively Low 7, Very Low 31
Hail	38 of 38	22.8	43.4	63.2	Relatively Low 28, Very Low 10
Heat Wave	38 of 38	2.9	7.3	17.7	Relatively Low 1, Very Low 37
Hurricane	38 of 38	48.7	61.9	80.0	Relatively Moderate 2, Relatively Low 34, Very Low 2
Ice Storm	38 of 38	1.7	4.3	25.4	Very Low 38
Inland Flooding	38 of 38	3.8	47.3	97.1	Very High 1, Relatively High 9, Relatively Moderate 8, Relatively Low 15, Very Low 5
Landslide	38 of 38	16.8	59.1	97.3	Relatively Moderate 4, Relatively Low 10, Very Low 24
Lightning	38 of 38	25.7	60.2	83.8	Relatively High 3, Relatively Moderate 26, Relatively Low 9
Strong Wind	38 of 38	24.4	58.3	81.0	Relatively Moderate 24, Relatively Low 14
Tornado	38 of 38	23.0	41.5	59.0	Relatively Moderate 5, Relatively Low 30, Very Low 3
Wildfire	37 of 38	19.4	39.0	76.5	Relatively Low 4, Very Low 33, No Rating 1
Winter Weather	38 of 38	57.0	85.7	95.3	Relatively High 30, Relatively Moderate 8

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
Blair County	County	Approved, expires 2031-05-25		\$672,649.17	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row. Includes \$629,191.68 for declarations not counted as hazard incidents (DR-4506-PA).
Altoona city	City	Approved, expires 2031-05-25	FMA RL 0, SRL 2; any 12	\$256,261.59	26 total; 0 since its plan	Includes \$44,522.11 for declarations not counted as hazard incidents (DR-4506-PA).
Bellwood borough	Organized Borough	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 0	\$10,305.15	15 total; 0 since its plan	
Duncansville borough	Organized Borough	Approved, expires 2031-05-25	FMA RL 0, SRL 2; any 8	\$21,289.75	5 total; 0 since its plan	
Hollidaysburg borough	Organized Borough	Approved, expires 2031-05-25	FMA RL 0, SRL 8; any 14	\$73,588.03	0 total; 0 since its plan	
Martinsburg borough	Organized Borough	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 0	\$17,720.79	9 total; 0 since its plan	
Roaring Spring borough	Organized Borough	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 0	\$31,025.07	1 total; 0 since its plan	
Tunnelhill borough	Organized Borough	Approved, expires 2027-08-01	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	3 total; 0 since its plan	
Tyrone borough	Organized Borough	Approved, expires 2031-05-25	FMA RL 1, SRL 0; any 6	\$58,170.56	21 total; 1 since its plan	
Williamsburg borough	Organized Borough	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 11	\$63,918.63	11 total; 1 since its plan	
Allegheny township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 1; any 8	\$35,090.46	0 total; 0 since its plan	
Antis township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 2	\$37,170.52	0 total; 0 since its plan	
Blair township	Township	Plan 109083 approved 2026-05-26, pending adoption here; not yet eligible	FMA RL 1, SRL 1; any 11	\$32,676.27	0 total; no approved plan	
Catharine township	Township	Plan 109083 approved 2026-05-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 3	\$11,018.42	0 total; no approved plan	
Frankstown township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 7; any 25	\$213,825.49	1 total; 0 since its plan	
Freedom township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 7	\$29,947.37	0 total; 0 since its plan	

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
Greenfield township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 1; any 8	\$49,882.11	0 total; 0 since its plan	
Huston township	Township	Plan 109083 approved 2026-05-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$33,964.79	0 total; no approved plan	
Juniata township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 0	\$5,705.71	0 total; 0 since its plan	
Logan township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 4	\$62,211.16	0 total; 0 since its plan	
North Woodbury township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 0	\$154,490.27	0 total; 0 since its plan	
Snyder township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 1	\$57,613.65	0 total; 0 since its plan	
Taylor township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 1	\$51,606.28	0 total; 0 since its plan	
Tyrone township	Township	Plan 109083 approved 2026-05-26, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$368,803.92	21 total; no approved plan	
Woodbury township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 0	\$159,004.48	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).

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 2026-05-26 <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	\$19,158	n/a	under 1	under \$1	n/a	\$1,215	under 0.0001%				
Cold Wave	\$30,886,444,674	\$137,991,562	122,665	\$610	\$20,904	\$792,040	under 0.0001%				
Drought	n/a	\$0	n/a	n/a	\$0	n/a					agriculture exposure is 0 in NRI
Earthquake	\$54,282,734,259	n/a	122,822	\$357,720	n/a	\$105,669	0.000659%				
Hail	\$30,886,537,693	\$137,991,562	122,666	\$182,294	\$3,900	\$1,714	0.00059%				
Heat Wave	\$30,886,444,674	\$137,991,562	122,665	under \$1	\$39	\$215,205	under 0.0001%				
Hurricane	\$30,706,873,956	\$137,773,875	121,861	\$1,218,727	\$159,100	\$52,342	0.00397%				
Ice Storm	\$30,849,096,452	n/a	122,527	\$13,761	n/a	\$5,316	under 0.0001%				
Inland Flooding	\$30,817,009,607	\$10,289,171	6,591	\$25,861,014	\$131,242	\$1,335,245	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	\$1,551,809,063	n/a	7,242	\$20,088	n/a	\$10,148	0.00129%				
Lightning	\$30,886,537,693	n/a	122,666	\$12,504	n/a	\$561,096	under 0.0001%				
Strong Wind	\$30,886,537,693	\$137,991,562	122,666	\$52,773	\$6,728	\$801,168	0.000171%	\$16,000			
Tornado	\$30,886,537,693	\$137,991,562	122,666	\$914,960	\$1,693	\$602,789	0.00296%				

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 2026-05-26 <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	\$3,629,640,434	\$22,775,770	15,230	\$12,356	\$25	\$2,094	0.00034%				
Winter Weather	\$30,886,444,674	\$137,991,562	122,665	\$30,434	\$21	\$417,287	under 0.0001%				

Totals since 2026-05-26 (Storm Events through 2026-06-30): 6 county-coded records, 6 with a damage value recorded (including \$0), \$16,000; 0 zone-level records, 0 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance: no counted declaration since the plan.

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

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

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

County context

Source: 5

Measure	Value
Population	122,666
Building value (total, not at risk)	\$30,886,537,693
Agriculture value (total, not at risk)	\$137,991,562
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$29,000,893
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)	\$4,903,326
Social vulnerability rating	Relatively Moderate
Community resilience rating	Very High
NRI version	December 2025

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

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

Supports FEMA checklist item B2-c: repetitive loss properties

Repetitive loss in this county, both definitions

Sources: 1, 4

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	2	Severe repetitive loss, FMA definition (44 CFR 77.2)	22
Repetitive loss, NFIP insurance definition	117	Severe repetitive loss, NFIP insurance definition	19

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

Repeat-flood properties: county and state-level rows

Sources: 1, 4

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
County total	2	22	117	19	121	2	21
of which: Altoona city	0	2	11	1	12	0	3
of which: Duncansville borough	0	2	7	2	8	0	3
of which: Hollidaysburg borough	0	8	13	7	14	1	1
of which: Tyrone borough	1	0	6	0	6	0	3
of which: Williamsburg borough	0	0	11	0	11	0	0
of which: Allegheny township	0	1	8	1	8	0	4
of which: Catharine township	0	0	3	0	3	0	1
of which: Antis township	0	0	2	0	2	0	0
of which: Blair township	1	1	11	1	11	0	0
of which: Frankstown township	0	7	24	6	25	1	1
of which: Freedom township	0	0	7	0	7	0	2
of which: Greenfield township	0	1	8	1	8	0	3
of which: Logan township	0	0	4	0	4	0	0
of which: Snyder township	0	0	1	0	1	0	0
of which: Taylor 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>
Altoona city	420159	0	2	11	1	12	0	3
Bellwood borough	420160	0	0	0	0	0	0	0
Duncansville borough	420161	0	2	7	2	8	0	3
Hollidaysburg borough	420162	0	8	13	7	14	1	1
Martinsburg borough	421384	0	0	0	0	0	0	0
Roaring Spring borough	420163	0	0	0	0	0	0	0
Tunnelhill borough	422689	0	0	0	0	0	0	0
Tyrone borough	420164	1	0	6	0	6	0	3
Williamsburg borough	420165	0	0	11	0	11	0	0
Allegheny township	420961	0	1	8	1	8	0	4
Antis township	421385	0	0	2	0	2	0	0
Blair township	421386	1	1	11	1	11	0	0
Catharine township	420962	0	0	3	0	3	0	1
Frankstown township	421387	0	7	24	6	25	1	1
Freedom township	421388	0	0	7	0	7	0	2
Greenfield township	421389	0	1	8	1	8	0	3
Huston township	422332	0	0	0	0	0	0	0
Juniata township	421390	0	0	0	0	0	0	0
Logan township	421391	0	0	4	0	4	0	0
North Woodbury township	421392	0	0	0	0	0	0	0
Snyder township	421393	0	0	1	0	1	0	0
Taylor township	421394	0	0	1	0	1	0	0
Tyrone township	421395	0	0	0	0	0	0	0
Woodbury township	420963	0	0	0	0	0	0	0

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

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

County repeat-flood properties by occupancy group

Sources: 1, 4

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	1	19	102	16	106	2	19
2 to 4 unit residential	0	0	1	0	1	0	0
other residential	0	3	6	3	6	0	0
non-residential	1	0	8	0	8	0	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 115 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). Blair County, PA: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 42013). Automated baseline. <https://hazardplain.org/pa/42013/> 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