

Blair County, PA

Risk-assessment baseline packet

Unit **County area 42013** Release **2026-10** As of **2026-09-28** 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.

A starting point for the plan's risk assessment (FEMA Local Mitigation Plan Review Tool, Element B). It does not replace local data or FEMA review. Section headings say which FEMA review item each table supports; whether an item is satisfied is decided by the plan and its reviewers.

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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	Expires	2031-05-25
As of	2026-09-28	Days	1,700 days to expiry

What changed since your last plan (approved 2026-05-26)

New federal declarations	none (0 declaration rows; 0 counted incidents)	Storm Events records since approval	6 (data through 2026-06-30)
Repetitive loss now	FMA RL 2, SRL 22 (44 CFR 77.2); any definition: 121	Repeat-flood change	First release: no prior release to compare.

SOURCES: FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API); FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API); NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>; FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)

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" after these cover pages.

State plan status and tribal plans in this state: see the state page.

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Plan clock

Plan status for every jurisdiction listed in this county

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	1,700		member 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	1,700		member 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	1,700		
Duncansville borough	Organized Borough	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,700		member approved 2026-06-10
Hollidaysburg borough	Organized Borough	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,700		member 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	1,700		member 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	1,700		member 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	307	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	1,700		member 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	1,700		member 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	1,700		member 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	1,700		member 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	1,700		
Freedom township	Township	Approved, expires 2031-05-25	Blair County Hazard Mitigation Plan (FEMA plan 109083)	2026-05-26	2031-05-25	1,700		member 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	1,700		member 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	1,700		member 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	1,700		member 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	1,700		member 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	1,700		member 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	1,700		member 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	1,700		member approved 2026-06-04

SOURCEFEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Supports B1-a: hazards

Hazards NRI does not cover: check locally

- 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)

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>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</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 records and 4 Strong Wind records, event types the NRI definition of this hazard leaves out.
5	Cold Wave	Relatively Low	Relatively Low	\$610	\$20,904	\$792,040	\$813,553	10		
6	Lightning	Relatively Moderate	Relatively Moderate	\$12,504		\$561,096	\$573,600	0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
7	Earthquake	Relatively Low	Relatively Low	\$357,720		\$105,669	\$463,390			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
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		\$10,148	\$30,235	0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
12	Ice Storm	Very Low	Very Low	\$13,761		\$5,316	\$19,076	10		
13	Wildfire	Very Low	Very Low	\$12,356	\$25	\$2,094	\$14,475	1		
14	Avalanche	Very Low	Very Low	under \$1		\$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		\$0		\$0	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>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
	Coastal Flooding	Not Applicable	Not Applicable					0	NRI rates coastal flooding Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Tsunami	Not Applicable	Not Applicable					0	NRI rates tsunami Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
	Volcanic Activity	Not Applicable	Not Applicable					0	NRI rates volcanic activity Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.

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

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Check your state hazard mitigation plan's hazard list for this county; explain any hazard you drop.

Supports B1-b: location

Where each hazard occurs

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Avalanche	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	12 of 38
Coastal Flooding	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 38
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	38 of 38
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	0 of 38
Earthquake	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	38 of 38
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	38 of 38
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	38 of 38
Hurricane	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	38 of 38
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	38 of 38
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.	38 of 38
Landslide	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	38 of 38

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	38 of 38
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	38 of 38
Tornado	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	38 of 38
Tsunami	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 38
Volcanic Activity	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 38
Wildfire	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	37 of 38
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	38 of 38

SOURCE

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)

Supports B1-c: extent

Extent: scale, observed range and worst recorded event per hazard

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Avalanche	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Coastal Flood, Storm Surge/ Tide	none in data (FIRM for depth)	0					Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	10, 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		Zone-level records: applies countywide; national data do not locate these events within the county.	Wind chill: in event narratives only; local data required.
Frost/Freeze (outside NRI Cold Wave definition)	crop damage	0					Temperature: in event narratives only; local data required.
Drought	US Drought Monitor D-scale	6, 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		Zone-level records: applies countywide; national data do not locate these events within the county.	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					No Storm Events record; local data required (e.g., USGS).

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Hail	hail size (inches)	30, 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 member places: 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 (narratives)	3, 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		Zone-level records: applies countywide; national data do not locate these events within the county.	Heat index: in event narratives only; local data required.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	1, 2003 to 2003 (1 zone- level)		Strongest recorded (records with damage, a wind speed or direct casualties first, then storm type, category and wind): Tropical Storm record, 2003-09-18 to 2003-09-19, damage not reported; NWS zone PAZ025 (BLAIR), zone- level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Storm Events files every zone of a storm's episode under the storm's event type and category, so a Hurricane (Typhoon) record, especially an inland or remnant one, does not by itself mean hurricane-force winds here; read the damage and wind columns.
Ice Storm	Sperry-Piltz (local data)	10, 1997 to 2025 (10 zone- level)		No damage reported in 10 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Ice thickness: in event narratives only; local data required.
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	57, 1996 to 2025 (10 zone- level)		Flash Flood, 2003-08-09, \$250,000 property; crops not reported (2003 dollars)		Event records naming member places: 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 can be \$0 or blank even for a major flood, so the worst record here may not be the worst flood; compare FEMA Public Assistance by declaration in B1-d.
Debris Flow	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	0					Storm Events lists lightning with damage or casualties; physical measure in event narratives only; local data required.
High Wind and Strong Wind (outside NRI Strong Wind definition)	wind speed (kt and mph)	29, 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 (BLAIR), zone- level: may include parts of neighboring counties	High Wind, 2009-02-12, \$100,000 property; crops not reported, reported for the zone (2009 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Thunderstorm Wind	wind speed (kt and mph)	229, 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 member places: 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 (F before Feb 2007)	3, 1988 to 1998	F/EF1; 3 with a recorded value	F1 tornado, 1988-11-05, 1 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 20 yd wide, \$2,500,000 property; crops not recorded (1988 dollars)		Event records naming member places: Tyrone borough (1 record), Tyrone township (1 record).	From 1996 on, tornado records are per-county segments and length is the path length within this county (NWS Instruction 10-1605); records before 1996 may give the whole path length, including the path outside this county, and before 1996 a tornado is listed once, under the county where it began, with the whole path's rating; counties farther along the path may not list it. Length is not used to rank tornadoes.
Tsunami	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					Physical measure: in event narratives only; local data required.
Wildfire	acres burned (local data)	1, 2024 to 2024 (1 zone- level)		Wildfire, 2024-11-08, \$2,000,000 property; crops not reported, reported for the zone (2024 dollars); NWS zone PAZ025 (BLAIR), zone- level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Acres burned: in event narratives only; local data required.
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall local)	72, 1996 to 2026 (72 zone- level)		Heavy Snow, 2001-03-04, \$5,000 property; crops not reported, reported for the zone (2001 dollars); NWS zone PAZ025 (BLAIR), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Snow depth: in event narratives only; local data required.

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records are placed with NWS zone-county files, which exist from 2020 on; an earlier record is placed by its zone number in the nearest later file only when its zone name matches that file, records from zones NWS renumbered are placed by name or left out, and a record whose zone is in no known file is left out of every count, so counts before 2020 can be low. Some current zones are also missing from the NWS files, so recent counts can be low too.

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

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

Supports B1-d: previous occurrences

Declaration rows 18 Counted incidents 15

Federal disaster declarations for this county

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	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	none found		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	none found		
2011-09-08	2011-09-03	EM-3340-PA	Emergency	REMNANTS OF TROPICAL STORM LEE	Inland Flooding (primary); also designated: Hurricane	none found		
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	none found		
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		
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	none found		
1996-01-21	1996-01-19	DR-1093-PA	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	none found		
1996-01-13	1996-01-06	DR-1085-PA	Major disaster	BLIZZARD OF 96	Winter Weather	none found		
1993-03-16	1993-03-13	EM-3105-PA	Emergency	SEVERE SNOWFALL & WINTER STORM	Winter Weather	none found		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
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	none found		
1972-06-23	1972-06-23	DR-340-PA	Major disaster	TROPICAL STORM AGNES	Inland Flooding (primary); also designated: Hurricane	none found		

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

SOURCES

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Statewide declarations

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	Flags	Notes
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. Listed on every county page in the state; not counted with county rows.

SOURCE

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

Previous occurrences by hazard, with explicit no-event rows

Hazard	Storm Events records <i>full period</i>	Since plan approval <i>records</i>	During plan review <i>records</i>	Last 5 years <i>records</i>	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</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
Coastal Flooding	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		No Storm Events record; local data required (e.g., USGS).
Hail	30	0	0	4	0	0	1955 to 2026-06-30	

Hazard	Storm Events records <i>full period</i>	Since plan approval records	During plan review records	Last 5 years records	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
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 records and 4 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	3	0	0	0	2	0	1950 to 2026-06-30	
Tsunami	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Volcanic Activity	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
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	

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

Notable Storm Events records

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2025-06-23	Heat		\$0 property; \$0 crops, reported for the zone (2025 dollars)	0, 0	NWS zone PAZ025 (BLAIR), zone-level: may include parts of neighboring counties	during plan review, check whether your last plan included it; 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	GEESSEYTOWN to CANOE CREEK	within last 5 years	B1-c worst recorded: Thunderstorm Wind

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2025-01-20	Cold/Wind Chill		\$0 property; \$0 crops, reported for the zone (2025 dollars)	0, 0	NWS zone PAZ025 (BLAIR), zone-level: may include parts of neighboring counties	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, reported for the zone (2024 dollars)	0, 0	NWS zone PAZ025 (BLAIR), zone-level: may include parts of neighboring counties	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, reported for the zone (2024 dollars)	0, 0	NWS zone PAZ025 (BLAIR), zone-level: may include parts of neighboring counties	within last 5 years	B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
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: may include parts of neighboring counties		deaths or injuries recorded
2003-09-18	Tropical Storm		damage not reported	0, 0	NWS zone PAZ025 (BLAIR), zone-level: may include parts of neighboring counties		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, reported for the zone (2001 dollars)	0, 0	NWS zone PAZ025 (BLAIR), zone-level: may include parts of neighboring counties		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 (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 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 XLSX file, sheet "B1-d Storm Events history" (451 rows).

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records are placed with NWS zone-county files, which exist from 2020 on; an earlier record is placed by its zone number in the nearest later file only when its zone name matches that file, records from zones NWS renumbered are placed by name or left out, and a record whose zone is in no known file is left out of every count, so counts before 2020 can be low. Some current zones are also missing from the NWS files, so recent counts can be low too.

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

State-declared emergencies are not in federal data. Add them from your state emergency management agency.

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

Supports B1-e: probability

Probability: FEMA annualized frequency and descriptor per hazard

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.
Coastal Flooding		events per year at a location (modeled)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Cold Wave	1.84	event-days per year	about 1.84 days per year	Likely	event-days in 7 of 30 years, 1996 to 2025 (23.3%)	35	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 1.84 cold wave event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 7 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together. Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	0	event-days per year	none modeled	Likely	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), but Storm Events has a record in 4 of 30 years. The descriptor comes from Storm Events, which records events NRI's definition leaves out, so the two use different thresholds; read them together.
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	Descriptor not assigned: the NRI value is the chance at a location in the county, not how often the hazard affects the county, and 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	event-days in 2 of 30 years, 1996 to 2025 (6.67%)	21	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 1.32 heat wave event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 2 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together.

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
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 counted separately in B1-d and need not match.
Ice Storm	0.104	event-days per year	about 0.104 days per year	Likely	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	event-days in 21 of 30 years, 1996 to 2025 (70%)	43	1996 to 2023 (28 years)	see B1-f	
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	
Tsunami		annual probability at the most exposed location (used in place of a county value)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Volcanic Activity		annual probability				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
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	Descriptor from Storm Events, not NRI: the NRI value is the chance at a location in the county, not how often the hazard affects the county.
Winter Weather	13.9	event-days per year	about 13.9 days per year	Highly likely	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) comes from the National Risk Index v1.20 (December 2025). It is not recorded events divided by years, and what it measures depends on the hazard. For most hazards it estimates how often the hazard affects this county each year: it counts events or event-days (drought, heat wave, cold wave, winter weather, ice storm and inland flooding are in days per year; lightning is the number of days per year with a recorded cloud-to-ground strike, from the NOAA Storm Prediction Center daily lightning climatology); it may count events in the surrounding area (hail, strong wind, tornado, hurricane and ice storm use a 49 km grid and buffers) and is averaged over the county's area; and some hazards use a minimum value for places with no recorded event. Earthquake, wildfire and coastal flooding are different: FEMA computes them for each census block and averages them over the county, so the value is the chance (for coastal flooding, the modeled number of floods per year) at a location in the county, which is lower than the chance that the hazard strikes somewhere in the county. Earthquake is the chance of at least minor-damage shaking (U.S. Geological Survey model); wildfire is the chance that a location burns in a large fire (U.S. Forest Service burn probability); coastal flooding comes from FEMA flood zones and NOAA high-tide flooding, so it can be above 1 where high-tide flooding is frequent. Tsunami is the value at the county's most exposed location, from recorded events and modeled return periods. For these four hazards the packet gives no "1 in N years" and takes the descriptor from Storm Events (none for earthquake) unless the value is 1 or more a year. Landslide is a U.S. Geological Survey modeled county rate spread by slope susceptibility. Volcanic activity is the chance that a volcano affecting the county erupts in a year. Drought counts only extreme and exceptional drought (D3 and D4). Source: FEMA, National Risk Index Technical Documentation v1.20, sections 5.2.2 (Table 5), 5.2.3, 7.4, 10.4, 16.5, 17.1, 17.3.1, 17.5, 20.3.1, 21.4, 22.4 and 6 to 23.

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Descriptor scale used in this packet (defined per unit)

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

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Intensity bands: historical frequency (Storm Events)

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
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	174	30	5.8
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	3	30	0.1
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	14	30	0.467

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
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

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.

SOURCE
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

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.

Supports B1-f: variation across the planning area

Range of census tract risk within the county

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Avalanche	12 of 38	46.1	48.8	52.0	Very Low 12, Not Applicable 26	
Coastal Flooding	0 of 38				Not Applicable 38	
Cold Wave	38 of 38	21.6	32.8	49.6	Relatively Moderate 2, Relatively Low 36	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Drought	0 of 38				No Rating 38	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
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	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Heat Wave	38 of 38	2.9	7.3	17.7	Relatively Low 1, Very Low 37	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
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	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
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	

Hazard	Tracts rated of all	Risk score min NRI score, 0 to 100	Median	Max	Tracts by rating	Note
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	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Strong Wind	38 of 38	24.4	58.3	81.0	Relatively Moderate 24, Relatively Low 14	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Tornado	38 of 38	23.0	41.5	59.0	Relatively Moderate 5, Relatively Low 30, Very Low 3	
Tsunami	0 of 38				Not Applicable 38	
Volcanic Activity	0 of 38				Not Applicable 38	
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	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.

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.

SOURCE

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)

Per-member block (Starter, confirm locally)

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat- flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Blair County	County	Approved, expires 2031-05-25		\$672,649.17	0; 0	No NFIP community ID on this member'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; 0	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; 0	
Duncansville borough	Organized Borough	Approved, expires 2031-05-25	FMA RL 0, SRL 2; any 8	\$21,289.75	5; 0	
Holidaysburg borough	Organized Borough	Approved, expires 2031-05-25	FMA RL 0, SRL 8; any 14	\$73,588.03	0; 0	
Martinsburg borough	Organized Borough	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 0	\$17,720.79	9; 0	

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Roaring Spring borough	Organized Borough	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 0	\$31,025.07	1; 0	
Tunnelhill borough	Organized Borough	Approved, expires 2027-08-01	FMA RL 0, SRL 0; any 0	none found	3; 0	
Tyrone borough	Organized Borough	Approved, expires 2031-05-25	FMA RL 1, SRL 0; any 6	\$58,170.56	21; 1	
Williamsburg borough	Organized Borough	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 11	\$63,918.63	11; 1	
Allegheny township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 1; any 8	\$35,090.46	0; 0	
Antis township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 2	\$37,170.52	0; 0	
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; 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; no approved plan	
Frankstown township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 7; any 25	\$213,825.49	1; 0	
Freedom township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 7	\$29,947.37	0; 0	
Greenfield township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 1; any 8	\$49,882.11	0; 0	
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; no approved plan	
Juniata township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 0	\$5,705.71	0; 0	
Logan township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 4	\$62,211.16	0; 0	
North Woodbury township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 0	\$154,490.27	0; 0	
Snyder township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 1	\$57,613.65	0; 0	
Taylor township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 1	\$51,606.28	0; 0	

Member	Type	Plan status	Repetitive loss	Public Assistance matched	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>federal share obligated, nominal dollars</i>	<i>all years; since the member's plan</i>	
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; no approved plan	
Woodbury township	Township	Approved, expires 2031-05-25	FMA RL 0, SRL 0; any 0	\$159,004.48	0; 0	

Member 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 member row, while the county table counts only its part in this county.

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

SOURCES

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Supports B2-a and B2-b: assets and impacts

Local data required

County-level starter. The plan must describe impacts for each participant and its own assets.

- Critical facilities and lifelines per hazard
 - A problem statement per participant 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

Hazard	Building exposure	Agriculture exposure	Population exposed	EAL buildings	EAL agriculture	EAL population equivalence	EAL as % of exposure	Storm Events damage since 2026-05-26	Zone-level damage since plan	Public Assistance since plan	Note
	<i>modeled dollars</i>	<i>modeled dollars</i>	<i>people</i>	<i>modeled dollars per year</i>	<i>modeled dollars per year</i>	<i>statistical value of life and injury, \$13.7M per life, not property damage</i>	<i>buildings; agriculture where noted</i>	<i>county-coded records, property plus crops, nominal dollars</i>	<i>property plus crops, reported for the zone</i>	<i>nominal dollars; see note</i>	
Avalanche	\$19,158		under 1	under \$1		\$1,215	under 0.0001%				
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$30,886,444,674	\$137,991,562	122,665	\$610	\$20,904	\$792,040	under 0.0001%				
Drought		\$0			\$0						agriculture exposure is 0 in NRI
Earthquake	\$54,282,734,259		122,822	\$357,720		\$105,669	0.000659%				
Hail	\$30,886,537,693	\$137,991,562	122,666	\$182,294	\$3,900	\$1,714	0.00059%				

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>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, 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
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		122,527	\$13,761		\$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. EAL as % of exposure: n/a.
Landslide	\$1,551,809,063		7,242	\$20,088		\$10,148	0.00129%				
Lightning	\$30,886,537,693		122,666	\$12,504		\$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%				
Tsunami											Not Applicable in NRI for this county
Volcanic Activity											Not Applicable in NRI for this county
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 on counted declarations none found (0 declarations, 0 with PA).

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

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 must not be added up; the unit total counts each declaration once.

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

SOURCES

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Supports B2-a: context

County context

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 total adds buildings, agriculture and population equivalence; the two parts are shown separately so the property figure is not read as including the statistical value of life.

SOURCE

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, 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)

Supports B2-c: repetitive loss

Repetitive loss in this county, both definitions

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

Your state NFIP coordinator's list may use the NFIP insurance definition, so its counts can be higher.

SOURCES

FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Repeat-flood properties: county and state-level rows

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
ALTOONA, CITY OF	0	2	11	1	12	0	3
DUNCANSVILLE, BOROUGH OF	0	2	7	2	8	0	3
HOLLIDAYSBURG, BOROUGH OF	0	8	13	7	14	1	1
TYRONE, BOROUGH OF	1	0	6	0	6	0	3

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>
WILLIAMSBURG, BOROUGH OF	0	0	11	0	11	0	0
ALLEGHENY, TOWNSHIP OF	0	1	8	1	8	0	4
CATHARINE, TOWNSHIP OF	0	0	3	0	3	0	1
ANTIS, TOWNSHIP OF	0	0	2	0	2	0	0
BLAIR, TOWNSHIP OF	1	1	11	1	11	0	0
FRANKSTOWN, TOWNSHIP OF	0	7	24	6	25	1	1
FREEDOM, TOWNSHIP OF	0	0	7	0	7	0	2
GREENFIELD, TOWNSHIP OF	0	1	8	1	8	0	3
LOGAN, TOWNSHIP OF	0	0	4	0	4	0	0
SNYDER, TOWNSHIP OF	0	0	1	0	1	0	0
TAYLOR, TOWNSHIP OF	0	0	1	0	1	0	0
State level, not in this county: county not reported	0	0	1	0	1	0	0

SOURCESFEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)**Repeat-flood properties by plan member (NFIP community)**

Member	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>	Note
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	

Member	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>	Note
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	

Per-member types: XLSX sheet 'B2-c Members'.

Member 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 member row, while the county table counts only its part in this county.

SOURCES

FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

County repeat-flood properties by occupancy group

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

Institutional properties cannot be separated in this data: FEMA's occupancy groups have no institutional class, so they fall in non-residential or other residential in the table by occupancy group.

SOURCES

FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)

FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

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; OpenFEMA's fmaRI field description omits the Increased Cost of Compliance clause of 44 CFR 77.2(i). NFIP repetitive loss (FEMA insurance definition, nfipRI) is 2 or more claims over \$1,000 in 10 years and can drop to false when a property is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured.

Your state NFIP coordinator's list may use the NFIP insurance definition, so its counts can be higher.

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

Counts may differ from your state NFIP coordinator's list, which is the source the Handbook names.

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

Every table above lists its own sources. The full list, for the plan's bibliography (FEMA review item A4-a):

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <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 2026-09-28, 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 2026-09-28, <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 2026-09-28, <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 2026-09-28, 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_scscd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scscd_national.zip), https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx

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Cite this: Hazard Plain (2026). Blair County, PA: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-28; County area 42013). Preview: automated baseline. 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: to be added

Hazard Plain release 2026-10. As of 2026-09-28; Storm Events data through 2026-06-30. File hazard-plain_2026-10_PA_42013. Preview: automated baseline.