

Beaver County, PA

Risk-assessment baseline packet

County FIPS: 42007 Release: 2026-10 Data as of: 2026-09-30 Storm Events data through: 2026-06-30

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

Summary

Plan status as of 2026-09-30: No county-level plan row in FEMA data.

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$30,094,805 a year), Tornado (\$1,578,203) and Strong Wind (\$1,247,452).

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; 42007 is this area.

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

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

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

CFR: Code of Federal Regulations.

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

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

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Plan clock

No county-level plan row in FEMA data

What changed since your last plan

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

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

Plan status for every jurisdiction listed in this county: 54 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
Aliquippa city	City	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	Beaver County Hazard Mitigation Plan (FEMA plan 102132), pending adoption here	2021-11-08 by FEMA; not yet adopted here	2026-11-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Ambridge borough	Organized Borough	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Baden borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	Beaver County Hazard Mitigation Plan (FEMA plan 102132), pending adoption here	2021-11-08 by FEMA; not yet adopted here	2026-11-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Beaver borough	Organized Borough	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Beaver Falls city	City	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Big Beaver borough	Organized Borough	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Bridgewater borough	Organized Borough	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Conway borough	Organized Borough	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Darlington borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	Beaver County Hazard Mitigation Plan (FEMA plan 102132), pending adoption here	2021-11-08 by FEMA; not yet adopted here	2026-11-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
East Rochester borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	Beaver County Hazard Mitigation Plan (FEMA plan 102132), pending adoption here	2021-11-08 by FEMA; not yet adopted here	2026-11-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Eastvale borough	Organized Borough	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Economy borough	Organized Borough	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Ellwood City borough	Organized Borough	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,483		this jurisdiction approved 2025-11-17
Fallston borough	Organized Borough	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Frankfort Springs borough	Organized Borough	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Freedom borough	Organized Borough	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Georgetown borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	Beaver County Hazard Mitigation Plan (FEMA plan 102132), pending adoption here	2021-11-08 by FEMA; not yet adopted here	2026-11-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Glasgow borough	Organized Borough	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Homewood borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	Beaver County Hazard Mitigation Plan (FEMA plan 102132), pending adoption here	2021-11-08 by FEMA; not yet adopted here	2026-11-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Hookstown borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	Beaver County Hazard Mitigation Plan (FEMA plan 102132), pending adoption here	2021-11-08 by FEMA; not yet adopted here	2026-11-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Industry borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	Beaver County Hazard Mitigation Plan (FEMA plan 102132), pending adoption here	2021-11-08 by FEMA; not yet adopted here	2026-11-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Koppel borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	Beaver County Hazard Mitigation Plan (FEMA plan 102132), pending adoption here	2021-11-08 by FEMA; not yet adopted here	2026-11-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Midland borough	Organized Borough	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Monaca borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	Beaver County Hazard Mitigation Plan (FEMA plan 102132), pending adoption here	2021-11-08 by FEMA; not yet adopted here	2026-11-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
New Brighton borough	Organized Borough	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
New Galilee borough	Organized Borough	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Ohioville borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	Beaver County Hazard Mitigation Plan (FEMA plan 102132), pending adoption here	2021-11-08 by FEMA; not yet adopted here	2026-11-07 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
Patterson Heights borough	Organized Borough	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Rochester borough	Organized Borough	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Shippingport borough	Organized Borough	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
South Heights borough	Organized Borough	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
West Mayfield borough	Organized Borough	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Brighton township	Township	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Center township	Township	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	Beaver County Hazard Mitigation Plan (FEMA plan 102132), pending adoption here	2021-11-08 by FEMA; not yet adopted here	2026-11-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Chippewa township	Township	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	Beaver County Hazard Mitigation Plan (FEMA plan 102132), pending adoption here	2021-11-08 by FEMA; not yet adopted here	2026-11-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Darlington township	Township	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Daugherty township	Township	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Franklin township	Township	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Greene township	Township	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Hanover township	Township	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Harmony township	Township	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Hopewell township	Township	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	Beaver County Hazard Mitigation Plan (FEMA plan 102132), pending adoption here	2021-11-08 by FEMA; not yet adopted here	2026-11-07 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Independence township	Township	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Marion township	Township	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
New Sewickley township	Township	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
North Sewickley township	Township	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Patterson township	Township	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Potter township	Township	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Pulaski township	Township	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Raccoon township	Township	No approved plan on record	none	none	none		FEMA tracker shows a plan in progress	
Rochester township	Township	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
South Beaver township	Township	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
Vanport township	Township	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	
White township	Township	Approved, expires 2026-11-07	Beaver County Hazard Mitigation Plan (FEMA plan 102132)	2021-11-08	2026-11-07	38	FEMA tracker shows a plan in progress	

Supports FEMA checklist item B1-a: hazard identification

Hazards NRI does not cover (local data needed)

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

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

Sources: 5, 6

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
1	Inland Flooding	Relatively Moderate	Relatively Moderate	\$29,993,250	\$1,685	\$99,870	\$30,094,805	158	
2	Tornado	Relatively Low	Relatively Low	\$1,084,242	\$730	\$493,231	\$1,578,203	13	
3	Strong Wind	Relatively Moderate	Relatively Moderate	\$487,347	\$1,765	\$758,340	\$1,247,452	449	Includes 25 High Wind and 6 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
4	Hail	Relatively Moderate	Relatively Moderate	\$658,249	\$1,838	\$17,781	\$677,868	120	
5	Lightning	Relatively Moderate	Relatively Moderate	\$7,893	n/a	\$641,428	\$649,321	6	
6	Earthquake	Very Low	Relatively Low	\$274,754	n/a	\$94,585	\$369,339		Storm Events does not record earthquakes.
7	Heat Wave	Relatively Low	Relatively Low	under \$1	\$1,361	\$306,778	\$308,139	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
8	Cold Wave	Very Low	Relatively Low	\$1,244	\$3,846	\$174,353	\$179,444	9	
9	Ice Storm	Relatively Moderate	Relatively Moderate	\$58,359	n/a	\$95,225	\$153,584	11	
10	Hurricane	Very Low	Very Low	\$100,259	\$9,953	\$4,584	\$114,797	0	Declared 4 times; no Storm Events record of this type.
11	Winter Weather	Relatively Low	Relatively Low	\$30,061	\$10	\$8,293	\$38,364	63	
12	Landslide	Relatively Low	Relatively Low	\$7,592	n/a	\$13,052	\$20,645	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
13	Wildfire	Very Low	Very Low	\$16,130	\$6	\$3,360	\$19,495	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Avalanche	Very Low	Very Low	\$0	n/a	\$115	\$115	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
15	Drought	No Rating	No Expected Annual Losses	n/a	\$0	n/a	\$0	2	

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

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

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

Not applicable to this county per NRI, with no federal declaration and no Storm Events record since 1996: coastal flooding, tsunami and volcanic activity. That is the evidence for leaving them out of the plan.

The state hazard mitigation plan also lists hazards for this county; FEMA asks the plan to explain any hazard it leaves out.

Supports FEMA checklist item B1-b: hazard location

Affects the whole county (national data give no location within it): Cold Wave, Drought, Hail, Heat Wave, Ice Storm, Lightning, Strong Wind and Winter Weather.

Inland Flooding: The FEMA Flood Insurance Rate Map (FIRM) is the required location source for flooding. See the FEMA Flood Map Service Center (<https://msc.fema.gov>) for this county.

Hazards that vary within the county: highest-rated census tracts

Source: 5

Hazard	Highest-rated census tracts <i>NRI risk rating, score 0 to 100</i>
Avalanche	tract 6017 (Very Low, 20.3); tract 6029 (Very Low, 19.4); tract 6027.01 (Very Low, 17.1)
Earthquake	tract 6026.02 (Relatively Low, 43.3); tract 6055 (Very Low, 38.1); tract 6032.02 (Very Low, 37.7)
Hurricane	tract 6028 (Very Low, 47.0); tract 6055 (Very Low, 46.7); tract 6053 (Very Low, 46.6)
Landslide	tract 6050.02 (Relatively Moderate, 95.7); tract 6029 (Relatively Low, 94.2); tract 6058 (Relatively Low, 93.0)
Tornado	tract 6032.02 (Relatively Low, 51.0); tract 6055 (Relatively Low, 50.0); tract 6028 (Relatively Low, 49.1)
Wildfire	tract 6006.01 (Relatively Low, 69.8); tract 6032.02 (Very Low, 68.2); tract 6050.02 (Very Low, 65.9)

Up to 3 census tracts per hazard, highest National Risk Index rating first, then highest score; a tract number is the Census tract number (for example 6017 is Census Tract 6017). 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	9 records, 2014 to 2026 (9 zone-level)	1 day 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)	2 records, 1999 (2 zone-level)	61 days; 1 with a recorded value	61 days (2 months), 1999-08-01 to 1999-09-30, a run of 2 consecutive Storm Events drought records, zone-level		Countywide (zone-level records).	Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	hail size (inches)	153 records, 1956 to 2026	0.75 in to 4.5 in (median 0.88 in); 153 with a recorded value	4.5 in hail, 1956-07-26	Hail, 2000-10-05, \$1,000 property; crops not reported (2000 dollars)	Event records naming jurisdictions in the plan: Beaver Falls city (12 records), New Brighton borough (11 records), Monaca borough (8 records), Ambridge borough (6 records), Beaver borough (6 records), Bridgewater borough (4 records), Georgetown borough (4 records), Aliquippa city (2 records), Big Beaver borough (2 records), Economy borough (2 records); and 17 more jurisdictions (see the Excel file).	
Excessive Heat, Heat	heat index (in event narratives)	0					
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	0					Storm Events files every zone of a storm's episode under the storm's type; flooding from the storm is filed as Flood or Flash Flood records.
Ice Storm	Sperry-Piltz ice scale (local data)	11 records, 1996 to 2016 (11 zone-level)		Ice Storm, 2005-01-22, \$4,000 property; crops not reported (2005 dollars); NWS zone PAZ020		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)	158 records, 1996 to 2025 (12 zone-level)		Flash Flood, 2007-07-05, \$10,000,000 property; \$0 crops (2007 dollars)		Event records naming jurisdictions in the plan: Aliquippa city (9 records), Ambridge borough (9 records), South Heights borough (8 records), North Sewickley township (7 records), Beaver Falls city (6 records), Darlington borough (5 records), Darlington township (5 records), Koppel borough (5 records), Monaca borough (5 records), Bridgewater borough (4 records); and 15 more jurisdictions (see the Excel file). Zone-level records (12) 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)	6 records, 1996 to 2011		Lightning, 2011-09-01, \$20,000 property; \$0 crops (2011 dollars)		Event records naming jurisdictions in the plan: Darlington borough (1 record), Darlington township (1 record), Economy borough (1 record), Freedom borough (1 record), Industry borough (1 record).	Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	31 records, 1996 to 2023 (31 zone-level)	35 kt (40 mph) to 70 kt (81 mph) (median 50 kt (58 mph)); 25 with a recorded value	70 kt (81 mph) measured gust, High Wind, 2008-09-14; NWS zone PAZ020		Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	504 records, 1963 to 2026	45 kt (52 mph) to 70 kt (81 mph) (median 50 kt (58 mph)); 370 with a recorded value	70 kt (81 mph) estimated gust, Thunderstorm Wind, 2021-10-16	Thunderstorm Wind, 2024-10-06, \$2,500,000 property; \$0 crops (2024 dollars)	Event records naming jurisdictions in the plan: New Brighton borough (28 records), Beaver Falls city (24 records), Bridgewater borough (20 records), Ambridge borough (19 records), Hookstown borough (14 records), Economy borough (13 records), Midland borough (12 records), Beaver borough (11 records), Aliquippa city (10 records), Baden borough (10 records); and 25 more jurisdictions (see the Excel file).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	25 records, 1954 to 2026	F/EF0 to F/EF3 (median F/EF1); 24 with a recorded value	F3 tornado, 1985-05-31, 17 mi path length (whole path, pre-1996), 243 yd wide, \$25,000,000 property; crops not recorded (1985 dollars), 3 direct deaths, 40 direct injuries		Event records naming jurisdictions in the plan: Shippingport borough (3 records), Aliquippa city (1 record), Eastvale borough (1 record), Freedom borough (1 record), Midland borough (1 record), New Galilee borough (1 record), West Mayfield borough (1 record).	Before 1996 a tornado is listed once, under the county where it began, with its whole path's rating and length; from 1996 on, each county lists its own segment. Length is not used to rank tornadoes (see Methods).

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Wildfire	acres burned (local data)	0					
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	63 records, 1996 to 2026 (63 zone-level)		No damage reported in 63 records.		Countywide (zone-level records).	

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

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

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

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

Supports FEMA checklist item B1-d: previous occurrences

Federal declarations for this county: 15 declarations covering 12 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

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

Federal disaster declarations for this county

Sources: 1, 2, 3

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Notes
2020-03-30	2020-01-20	DR-4506-PA	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$34,339,468.05	
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
2012-10-29	2012-10-26	EM-3356-PA	Emergency	Hurricane Sandy	Hurricane	no Public Assistance recorded	
2010-04-16	2010-02-05	DR-1898-PA	Major disaster	Severe Winter Storms and Snowstorms	Winter Weather	\$582,382.20	
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	\$1,584,455.56	
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	
1998-06-08	1998-05-31	DR-1219-PA	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado	no Public Assistance recorded	

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Notes
						<i>federal share obligated, nominal dollars</i>	
1996-06-18	1996-06-12	DR-1120-PA	Major disaster	Flooding, Severe Storms	Inland Flooding	PA not declared for this county	
1996-01-21	1996-01-19	DR-1093-PA	Major disaster	Severe Storms and Flooding	Inland Flooding	no Public Assistance recorded	
1994-03-10	1994-01-04	DR-1015-PA	Major disaster	Severe Winter Storms	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	
1985-06-03	1985-05-31	DR-737-PA	Major disaster	Severe Storms, High Winds & Tornadoes	Tornado (primary); also designated: Strong Wind	no Public Assistance recorded	
1977-01-29	1977-01-29	EM-3026-PA	Emergency	Snowstorms	Winter Weather	no Public Assistance recorded	
1972-06-23	1972-06-23	DR-340-PA	Major disaster	Tropical Storm Agnes	Inland Flooding (primary); also designated: Hurricane	no Public Assistance recorded	

County Public Assistance: applicants the FEMA record places in this county, including any state agencies FEMA files there; statewide rows are listed on the state page; federal share obligated, nominal dollars.

Statewide declarations

Source: 2

Declared	Incident began	FEMA number	Type	Title	Mapped hazard
2003-08-23	2003-07-21	DR-1485-PA	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado
1959-01-23	1959-01-23	DR-89-PA	Major disaster	Floods	Inland Flooding
1956-08-09	1956-08-09	DR-61-PA	Major disaster	Storm	Hazard not mapped (severe storm title names no single hazard); not counted
1956-05-21	1956-05-21	DR-58-PA	Major disaster	Severe Storm	Hazard not mapped (severe storm title names no single hazard); not counted
1956-03-15	1956-03-15	DR-51-PA	Major disaster	Flood	Inland Flooding
1955-08-20	1955-08-20	DR-40-PA	Major disaster	Floods & Rains	Inland Flooding

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

Previous occurrences by hazard, with explicit no-event rows

Sources: 2, 6, 7

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Avalanche	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	9			3	0		1996 to 2026-06-30	
Drought	2			0	0		1996 to 2026-06-30	
Earthquake	0			0	0			Storm Events does not record earthquakes; the USGS earthquake catalog is the source.

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Hail	153			22	0		1955 to 2026-06-30	
Heat Wave	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Hurricane	0			0	4		1996 to 2026-06-30	No Storm Events records of this type; 4 federal declared incidents (see declarations table)
Ice Storm	11			0	0		1996 to 2026-06-30	
Inland Flooding	158			18	5		1996 to 2026-06-30	
Landslide	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	6			0	0		1996 to 2026-06-30	
Strong Wind	535			99	1		1955 to 2026-06-30	Includes 25 High Wind and 6 Strong Wind records.
Tornado	25			7	2		1950 to 2026-06-30	
Wildfire	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	63			25	4		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
2025-01-20	Cold/Wind Chill		\$0 property; \$0 crops (zone total, 2025 dollars)	0, 0	NWS zone PAZ020 (BEAVER), zone-level	within last 5 years	B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2024-10-06	Thunderstorm Wind	50 kt (58 mph) estimated gust	\$2,500,000 property; \$0 crops (2024 dollars)	0, 0	BEAVER FALLS	within last 5 years	B1-c most damaging: Thunderstorm Wind
2021-10-16	Thunderstorm Wind	70 kt (81 mph) estimated gust	\$0 property; \$0 crops (2021 dollars)	0, 0	EAST ROCHESTER	within last 5 years	B1-c worst recorded: Thunderstorm Wind
2011-09-01	Lightning		\$20,000 property; \$0 crops (2011 dollars)	0, 0	DARLINGTON		B1-c worst recorded: Lightning
2008-09-14	High Wind	70 kt (81 mph) measured gust	\$5,000,000 property; \$0 crops (zone total, 2008 dollars)	0, 0	NWS zone PAZ020 (BEAVER), zone-level		B1-c worst recorded: High Wind and Strong Wind
2007-07-05	Flash Flood		\$10,000,000 property; \$0 crops (2007 dollars)	0, 0	ALIQUIPPA		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2005-01-22	Ice Storm		\$4,000 property; crops not reported (zone total, 2005 dollars)	0, 0	NWS zone PAZ020 (BEAVER), zone-level		B1-c worst recorded: Ice Storm
2003-11-13	Strong Wind	48 kt (55 mph) estimated gust	damage not reported	1, 0	NWS zone PAZ020 (BEAVER), zone-level		deaths or injuries recorded
1999-08-01	Drought		damage not reported	0, 0	NWS zone PAZ020 (BEAVER), zone-level		B1-c worst recorded: Drought
1985-05-31	Thunderstorm Wind	speed not recorded	damage not recorded (pre-1996 record)	2, 0	location not recorded		deaths or injuries recorded
1985-05-31	Tornado	F3, 17 mi path length (whole path, pre-1996), 243 yd wide	\$25,000,000 property; crops not recorded (1985 dollars)	3, 40	location not recorded		deaths or injuries recorded
1956-07-26	Hail	4.5 in	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Hail

The full list is in the Excel file, sheet "B1-d Storm Events history" (962 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	2.95	event-days per year	about 2.95 days per year	Likely	Storm Events event-days in 6 of 30 years, 1996 to 2025 (20%)	56	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	0	event-days per year	none modeled	Possible	Storm Events event-days in 1 of 30 years, 1996 to 2025 (3.33%)	0	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	NRI models no drought event-days here (2000 to 2025, 25.25 years; D3 and D4 only); Storm Events has a record in 1 of 30 years. The descriptor comes from Storm Events, which counts D2 drought that NRI leaves out.
Earthquake	0.000499	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0499%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	4.1	events per year	about 4.1 per year	Highly likely	FEMA annualized frequency (modeled)	156.0 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	1.95	event-days per year	about 1.95 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	36	2005-11-12 to 2024-11-12 (19 years)	countywide	No Storm Events heat wave record, 1996 to 2025
Hurricane	0.024	events per year	about 1 in 42 years	Possible	FEMA annualized frequency (modeled)	8	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	0.528	event-days per year	about 0.528 days per year	Likely	Storm Events event-days in 8 of 30 years, 1996 to 2025 (26.7%)	36	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	2.68	event-days per year	about 2.68 days per year	Highly likely	Storm Events event-days in 27 of 30 years, 1996 to 2025 (90%)	75	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	0.766	events per year (modeled)	about 0.77 per year	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	41.2	days per year with a strike	about 41.2 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	2.48	events per year	about 2.48 per year	Highly likely	FEMA annualized frequency (modeled)	95	1986 to 2023 (38 years)	countywide	
Tornado	0.194	events per year	about 1 in 5 years	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Wildfire	0.0000417	annual probability at a location	chance a given location in the county burns in a year: 0.00417%		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No descriptor: no Storm Events record 1996 to 2025
Winter Weather	11	event-days per year	about 11 days per year	Likely	Storm Events event-days in 20 of 30 years, 1996 to 2025 (66.7%)	209	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	45	30	1.5
Hail	2.00 in+	1996 to 2025	0	30	0
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	345	30	11.5
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	6	30	0.2
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	58	30	1.93
Tornado	EF0-1	1996 to 2025	12	30	0.4
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	6 of 53	15.8	16.8	20.3	Very Low 6, Not Applicable 47
Cold Wave	53 of 53	17.0	19.2	22.7	Relatively Low 27, Very Low 26
Drought	0 of 53				No Rating 53
Earthquake	53 of 53	7.7	20.4	43.3	Relatively Low 1, Very Low 52
Hail	53 of 53	43.1	59.0	76.4	Relatively Moderate 7, Relatively Low 46
Heat Wave	53 of 53	3.3	6.9	19.3	Relatively Low 1, Very Low 52
Hurricane	53 of 53	32.1	39.2	47.0	Very Low 53
Ice Storm	53 of 53	14.5	33.8	58.7	Relatively Low 28, Very Low 25
Inland Flooding	53 of 53	3.5	39.8	96.5	Very High 1, Relatively High 5, Relatively Moderate 14, Relatively Low 29, Very Low 4
Landslide	53 of 53	21.6	81.6	95.7	Relatively Moderate 1, Relatively Low 26, Very Low 26
Lightning	53 of 53	26.8	51.3	79.2	Relatively High 1, Relatively Moderate 31, Relatively Low 21
Strong Wind	53 of 53	33.9	57.4	80.5	Relatively Moderate 37, Relatively Low 16
Tornado	53 of 53	24.4	35.7	51.0	Relatively Low 47, Very Low 6
Wildfire	52 of 53	20.1	49.8	69.8	Relatively Low 1, Very Low 51, No Rating 1
Winter Weather	53 of 53	20.1	27.0	39.8	Relatively Low 53

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
Aliquippa city	City	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 9	\$51,887.07	22 total; no approved plan	
Ambridge borough	Organized Borough	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	\$97,142.64	34 total; 7 since its plan	
Baden borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$67,649.57	12 total; no approved plan	
Beaver borough	Organized Borough	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	\$37,385.38	20 total; 1 since its plan	Includes \$10,557.14 for declarations not counted as hazard incidents (DR-4506-PA).
Beaver Falls city	City	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	\$75,258.25	42 total; 7 since its plan	
Big Beaver borough	Organized Borough	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	\$13,147.91	2 total; 0 since its plan	
Bridgewater borough	Organized Borough	Approved, expires 2026-11-07	FMA RL 1, SRL 1; any 6	\$20,761.35	28 total; 5 since its plan	
Conway borough	Organized Borough	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	\$9,807.96	4 total; 0 since its plan	
Darlington borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$1,179.06	14 total; no approved plan	
East Rochester borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$3,052.51	1 total; no approved plan	
Eastvale borough	Organized Borough	No approved plan on record	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	7 total; no approved plan	
Economy borough	Organized Borough	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 2	\$59,590.03	19 total; 3 since its plan	
Ellwood City borough	Organized Borough	Approved, expires 2030-10-22	FMA RL 1, SRL 0; any 4	no Public Assistance recorded	2 total; 0 since its plan	Whole community, including the part in Lawrence County; in-county portion (county table): FMA RL 1, FMA SRL 0, NFIP RL 2, NFIP SRL 0, any category 3.
Fallston borough	Organized Borough	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 1	\$11,315.55	14 total; 6 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>	
Frankfort Springs borough	Organized Borough	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	7 total; 2 since its plan	
Freedom borough	Organized Borough	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	\$12,030.59	10 total; 1 since its plan	
Georgetown borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	7 total; no approved plan	
Glasgow borough	Organized Borough	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	\$7,285.61	0 total; 0 since its plan	
Homewood borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	3 total; no approved plan	
Hookstown borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	17 total; no approved plan	
Industry borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$40,186.85	11 total; no approved plan	
Koppel borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	10 total; no approved plan	
Midland borough	Organized Borough	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 1	\$39,427.84	15 total; 3 since its plan	
Monaca borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$27,688.07	20 total; no approved plan	
New Brighton borough	Organized Borough	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 1	\$48,378.94	40 total; 3 since its plan	
New Galilee borough	Organized Borough	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 1	\$2,882.25	5 total; 0 since its plan	
Ohioville borough	Organized Borough	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$32,550.73	8 total; no approved plan	
Patterson Heights borough	Organized Borough	No approved plan on record	FMA RL 0, SRL 0; any 0	\$13,320.62	1 total; no approved plan	

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
Rochester borough	Organized Borough	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	\$16,148.75	8 total; 0 since its plan	
Shippingport borough	Organized Borough	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	\$3,477	11 total; 0 since its plan	
South Heights borough	Organized Borough	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	\$87,679.26	13 total; 2 since its plan	
West Mayfield borough	Organized Borough	No approved plan on record	FMA RL 0, SRL 0; any 0	\$8,050.03	8 total; no approved plan	
Brighton township	Township	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 2	\$51,534.85	0 total; 0 since its plan	Includes \$14,419.52 for declarations not counted as hazard incidents (DR-4506-PA).
Center township	Township	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$29,423.09	0 total; no approved plan	
Chippewa township	Township	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$20,922.51	0 total; no approved plan	
Darlington township	Township	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 4	\$10,673.38	14 total; 1 since its plan	
Daugherty township	Township	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	\$11,194.30	0 total; 0 since its plan	
Franklin township	Township	Approved, expires 2026-11-07	FMA RL 10, SRL 9; any 35	\$32,322.22	0 total; 0 since its plan	
Greene township	Township	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	\$30,632.05	0 total; 0 since its plan	
Hanover township	Township	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	\$96,638.93	0 total; 0 since its plan	
Harmony township	Township	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	\$179,653.14	0 total; 0 since its plan	
Hopewell township	Township	Plan 102132 approved 2021-11-08, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 2	\$262,910.45	0 total; no approved plan	
Independence township	Township	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 2	\$37,928.78	10 total; 1 since its plan	
Marion township	Township	Approved, expires 2026-11-07	FMA RL 2, SRL 4; any 5	\$18,399.33	0 total; 0 since its plan	
New Sewickley township	Township	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	\$20,636.82	0 total; 0 since its plan	

Jurisdiction	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance to this jurisdiction <i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since its plan</i>	Notes
North Sewickley township	Township	No approved plan on record	FMA RL 4, SRL 8; any 21	\$15,818.77	11 total; no approved plan	
Patterson township	Township	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	\$7,930.63	0 total; 0 since its plan	
Potter township	Township	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	\$8,328.36	0 total; 0 since its plan	
Pulaski township	Township	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan	
Raccoon township	Township	No approved plan on record	FMA RL 0, SRL 0; any 0	\$101,098.45	0 total; no approved plan	
Rochester township	Township	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 1	\$11,593.71	8 total; 0 since its plan	
South Beaver township	Township	Approved, expires 2026-11-07	FMA RL 1, SRL 0; any 1	\$10,031.21	0 total; 0 since its plan	
Vanport township	Township	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	\$5,054.60	2 total; 0 since its plan	
White township	Township	Approved, expires 2026-11-07	FMA RL 0, SRL 0; any 0	\$2,924.61	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.

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

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

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

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

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since plan <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Avalanche	\$0	n/a	under 1	\$0	n/a	\$115					building exposure is 0 in NRI
Cold Wave	\$38,342,067,995	\$30,452,351	168,155	\$1,244	\$3,846	\$174,353	under 0.0001%				
Drought	n/a	\$0	n/a	n/a	\$0	n/a					agriculture exposure is 0 in NRI
Earthquake	\$67,503,168,712	n/a	168,215	\$274,754	n/a	\$94,585	0.000407%				
Hail	\$38,342,067,995	\$30,452,351	168,155	\$658,249	\$1,838	\$17,781	0.00172%				
Heat Wave	\$38,342,067,995	\$30,452,351	168,155	under \$1	\$1,361	\$306,778	under 0.0001%				
Hurricane	\$38,249,688,884	\$29,618,963	167,694	\$100,259	\$9,953	\$4,584	0.000262%				
Ice Storm	\$38,284,030,565	n/a	167,853	\$58,359	n/a	\$95,225	0.000152%				
Inland Flooding	\$38,322,557,088	\$1,581,088	2,425	\$29,993,250	\$1,685	\$99,870	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	\$3,271,068,442	n/a	17,077	\$7,592	n/a	\$13,052	0.000232%				
Lightning	\$38,342,067,995	n/a	168,155	\$7,893	n/a	\$641,428	under 0.0001%				
Strong Wind	\$38,342,067,995	\$30,452,351	168,155	\$487,347	\$1,765	\$758,340	0.00127%				
Tornado	\$38,342,067,995	\$30,452,351	168,155	\$1,084,242	\$730	\$493,231	0.00283%				

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since plan <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Wildfire	\$12,141,616,056	\$13,101,807	59,702	\$16,130	\$6	\$3,360	0.000133%				
Winter Weather	\$38,342,067,995	\$30,452,351	168,155	\$30,061	\$10	\$8,293	under 0.0001%				

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

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

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

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

County context

Source: 5

Measure	Value
Population	168,155
Building value (total, not at risk)	\$38,342,067,995
Agriculture value (total, not at risk)	\$30,452,351
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$32,740,575
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)	\$2,710,995
Social vulnerability rating	Relatively Low
Community resilience rating	Very High
NRI version	December 2025

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

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

Supports FEMA checklist item B2-c: repetitive loss properties

Repetitive loss in this county, both definitions

Sources: 1, 4

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	19	Severe repetitive loss, FMA definition (44 CFR 77.2)	23
Repetitive loss, NFIP insurance definition	94	Severe repetitive loss, NFIP insurance definition	20

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

Repeat-flood properties: county and state-level rows

Sources: 1, 4

Scope	RL, FMA properties	SRL, FMA properties	RL, NFIP properties	SRL, NFIP properties	Any category properties	Mitigated properties	Currently insured properties
County total	19	23	94	20	99	4	34
of which: Aliquippa city	0	1	9	1	9	0	1
of which: Bridgewater borough	1	1	6	1	6	0	2
of which: Economy borough	0	0	2	0	2	0	1
of which: Fallston borough	0	0	1	0	1	0	0
of which: Industry borough	0	0	1	0	1	0	0
of which: Monaca borough	0	0	1	0	1	0	0
of which: New Brighton borough	0	0	1	0	1	0	0
of which: Ellwood City borough	1	0	2	0	3	1	0
of which: Franklin township	10	9	33	9	35	2	14
of which: North Sewickley township	4	8	20	5	21	0	9
of which: Hopewell township	0	0	2	0	2	0	1
of which: Rochester township	0	0	1	0	1	0	0
of which: Independence township	0	0	2	0	2	0	1
of which: Marion township	2	4	4	4	5	1	3
of which: Brighton township	0	0	2	0	2	0	0
of which: Darlington township	0	0	4	0	4	0	2
of which: Boroughs of Midland	0	0	1	0	1	0	0
of which: New Galilee borough	0	0	1	0	1	0	0
of which: South Beaver township	1	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>	Note
Aliquippa city	420101	0	1	9	1	9	0	1	
Ambridge borough	420102	0	0	0	0	0	0	0	
Baden borough	420103	0	0	0	0	0	0	0	
Beaver borough	420104	0	0	0	0	0	0	0	
Beaver Falls city	420105	0	0	0	0	0	0	0	
Big Beaver borough	422307	0	0	0	0	0	0	0	
Bridgewater borough	420106	1	1	6	1	6	0	2	
Conway borough	420107	0	0	0	0	0	0	0	
Darlington borough	421319	0	0	0	0	0	0	0	
East Rochester borough	420108	0	0	0	0	0	0	0	
Eastvale borough	422314	0	0	0	0	0	0	0	
Economy borough	420109	0	0	2	0	2	0	1	
Ellwood City borough	420567	1	0	3	0	4	1	0	Whole community, including the part in Lawrence County; in-county portion (county table): FMA RL 1, FMA SRL 0, NFIP RL 2, NFIP SRL 0, any category 3.
Fallston borough	420110	0	0	1	0	1	0	0	
Frankfort Springs borough	422315	0	0	0	0	0	0	0	
Freedom borough	420111	0	0	0	0	0	0	0	
Georgetown borough	422316	0	0	0	0	0	0	0	
Glasgow borough	420112	0	0	0	0	0	0	0	
Homewood borough	422318	0	0	0	0	0	0	0	
Hookstown borough	422319	0	0	0	0	0	0	0	
Industry borough	420113	0	0	1	0	1	0	0	
Koppel borough	422320	0	0	0	0	0	0	0	
Midland borough	422321	0	0	1	0	1	0	0	
Monaca borough	420114	0	0	1	0	1	0	0	
New Brighton borough	420115	0	0	1	0	1	0	0	
New Galilee borough	422322	0	0	1	0	1	0	0	
Ohioville borough	422324	0	0	0	0	0	0	0	

Jurisdiction	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Patterson Heights borough	422325	0	0	0	0	0	0	0	
Rochester borough	420116	0	0	0	0	0	0	0	
Shippingport borough	420117	0	0	0	0	0	0	0	
South Heights borough	422330	0	0	0	0	0	0	0	
West Mayfield borough	422331	0	0	0	0	0	0	0	
Brighton township	422309	0	0	2	0	2	0	0	
Center township	422310	0	0	0	0	0	0	0	
Chippewa township	422311	0	0	0	0	0	0	0	
Darlington township	422312	0	0	4	0	4	0	2	
Daugherty township	422313	0	0	0	0	0	0	0	
Franklin township	421065	10	9	33	9	35	2	14	
Greene township	422317	0	0	0	0	0	0	0	
Hanover township	421223	0	0	0	0	0	0	0	
Harmony township	421038	0	0	0	0	0	0	0	
Hopewell township	421321	0	0	2	0	2	0	1	
Independence township	421323	0	0	2	0	2	0	1	
Marion township	422249	2	4	4	4	5	1	3	
New Sewickley township	422323	0	0	0	0	0	0	0	
North Sewickley township	421161	4	8	20	5	21	0	9	
Patterson township	422326	0	0	0	0	0	0	0	
Potter township	422327	0	0	0	0	0	0	0	
Pulaski township	422328	0	0	0	0	0	0	0	
Raccoon township	421220	0	0	0	0	0	0	0	
Rochester township	421322	0	0	1	0	1	0	0	
South Beaver township	422329	1	0	1	0	1	0	0	
Vanport township	421320	0	0	0	0	0	0	0	
White township	420057	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	18	20	76	17	81	4	30
2 to 4 unit residential	0	0	1	0	1	0	0
other residential	0	0	4	0	4	0	0
non-residential	1	3	13	3	13	0	4
not reported	0	0	0	0	0	0	0

FEMA's occupancy groups have no institutional class; institutional properties are counted in non-residential or other residential in the table by occupancy group.

FMA RL and FMA SRL are the Flood Mitigation Assistance definitions (44 CFR 77.2), the ones the FEMA Local Mitigation Planning Policy Guide cites. NFIP repetitive loss (the FEMA insurance definition) is 2 or more claims over \$1,000 in 10 years, and a property can leave that group once it is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured. The Methods page gives the OpenFEMA field details.

Counts are aggregates of FEMA's public NFIP Multiple Loss Properties file (FEMA's data date 2026-08-02; file version 2026-08-04). No property is identified. County assignment is FEMA's geocode.

In this county 3 properties are FMA repetitive loss but not NFIP repetitive loss, and 78 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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

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

What this packet is and what the plan adds

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

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

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

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Cite this: Hazard Plain (2026). Beaver County, PA: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 42007). Automated baseline. <https://hazardplain.org/pa/42007/> 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