

Lawrence County, PA

Risk-assessment baseline packet

Unit **County area 42073** 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	Plan 109104 approved 2025-10-23, pending adoption here; not yet eligible	Plan	Lawrence County Hazard Mitigation Plan (FEMA plan 109104), pending adoption here
Approved	2025-10-23 by FEMA; not yet adopted here	Expires	2030-10-22 once adopted
As of	2026-09-28	Update underway	FEMA tracker shows a plan approvable pending adoption

Not yet eligible: adopt the approved plan.

Not yet eligible: adopt the approved plan.

What changed since your last plan

Not available. Plan 109104 was approved by FEMA on 2025-10-23 but is not yet adopted here, so no since-plan counts are given.

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: 28 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
Lawrence County	County	Plan 109104 approved 2025-10-23, pending adoption here; not yet eligible	Lawrence County Hazard Mitigation Plan (FEMA plan 109104), pending adoption here	2025-10-23 by FEMA; not yet adopted here	2030-10-22 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Bessemer borough	Organized Borough	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2026-01-12
Ellport borough	Organized Borough	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2025-11-17
Ellwood City borough	Organized Borough	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2025-11-17
Enon Valley borough	Organized Borough	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2026-03-04
New Beaver borough	Organized Borough	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2025-11-10
New Castle city	City	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2026-02-19
New Wilmington borough	Organized Borough	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2026-04-06
S.N.P.J. borough	Organized Borough	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2026-02-21
South New Castle borough	Organized Borough	Plan 109104 approved 2025-10-23, pending adoption here; not yet eligible	Lawrence County Hazard Mitigation Plan (FEMA plan 109104), pending adoption here	2025-10-23 by FEMA; not yet adopted here	2030-10-22 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Volant borough	Organized Borough	Plan 109104 approved 2025-10-23, pending adoption here; not yet eligible	Lawrence County Hazard Mitigation Plan (FEMA plan 109104), pending adoption here	2025-10-23 by FEMA; not yet adopted here	2030-10-22 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
Wampum borough	Organized Borough	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2025-11-10
Hickory township	Township	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2025-11-03
Little Beaver township	Township	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2026-02-03
Mahoning township	Township	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2026-04-14
Neshannock township	Township	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2025-10-29
North Beaver township	Township	Plan 109104 approved 2025-10-23, pending adoption here; not yet eligible	Lawrence County Hazard Mitigation Plan (FEMA plan 109104), pending adoption here	2025-10-23 by FEMA; not yet adopted here	2030-10-22 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Perry township	Township	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2025-12-11
Plain Grove township	Township	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2025-11-03
Pulaski township	Township	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2025-11-03
Scott township	Township	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2026-02-02
Shenango township	Township	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2026-01-05
Slippery Rock township	Township	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2025-11-10
Taylor township	Township	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2025-12-02
Union township	Township	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2025-10-29
Washington township	Township	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2025-12-08
Wayne township	Township	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		member approved 2025-11-06
Wilmington township	Township	Approved, expires 2030-10-22	Lawrence County Hazard Mitigation Plan (FEMA plan 109104)	2025-10-23	2030-10-22	1,485		

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	\$21,760,814	\$471	\$63,478	\$21,824,763	132		
2	Tornado	Relatively Low	Relatively Low	\$479,385	\$1,165	\$264,363	\$744,913	3		
3	Lightning	Relatively Moderate	Relatively Moderate	\$3,802		\$627,790	\$631,593	1		
4	Strong Wind	Relatively Low	Relatively Low	\$234,090	\$1,016	\$297,832	\$532,938	329		Includes 16 High Wind records and 4 Strong Wind records, event types the NRI definition of this hazard leaves out.
5	Hail	Relatively Low	Relatively Low	\$226,505	\$3,048	\$20,203	\$249,757	98		
6	Cold Wave	Very Low	Relatively Low	\$587	\$8,521	\$154,970	\$164,078	9		
7	Heat Wave	Very Low	Very Low	under \$1	\$1,568	\$122,268	\$123,836	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
8	Earthquake	Very Low	Very Low	\$89,657		\$29,589	\$119,246			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
9	Winter Weather	Relatively Low	Relatively Low	\$45,051	\$17	\$16,866	\$61,933	65		
10	Ice Storm	Relatively Low	Relatively Low	\$19,309		\$41,478	\$60,787	6		
11	Hurricane	Very Low	Very Low	\$40,052	\$13,659	\$2,118	\$55,829	0		Declared 4 times; no Storm Events record of this type.
12	Wildfire	Very Low	Very Low	\$9,753	\$7	\$2,004	\$11,764	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.

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
13	Landslide	Relatively Low	Very Low	\$373		\$2,965	\$3,338	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.
14	Avalanche	Very Low	Very Low	\$0		\$14	\$14	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
15	Drought	No Rating	No Expected Annual Losses		\$0		\$0	2		
	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.	2 of 28
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 28
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	28 of 28

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	0 of 28
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.	28 of 28
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	28 of 28
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	28 of 28
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.	28 of 28
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	28 of 28
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.	28 of 28
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.	28 of 28
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	28 of 28
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	28 of 28
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.	28 of 28
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 28
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 28
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.	28 of 28
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	28 of 28

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	9, 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		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.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Drought	US Drought Monitor D-scale	2, 1999 to 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		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).
Hail	hail size (inches)	105, 1973 to 2026	0.75 in to 2 in (median 1 in); 105 with a recorded value	2 in hail, 2024-04-14; same size also recorded on 1998-06-02, 2024-04-14	Hail, 1995-04-18, \$5,000 property; crops not recorded (1995 dollars)	Event records naming member places: New Castle city (27 records), New Wilmington borough (11 records), Pulaski township (11 records), Bessemer borough (3 records), Volant borough (3 records), Plain Grove township (2 records), Ellwood City borough (1 record).	
Excessive Heat, Heat	heat index (narratives)	0					Heat index: in event narratives only; local data required.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	0					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)	6, 1997 to 2013 (6 zone-level)		Ice Storm, 1997-11-13, \$2,000 property; crops not reported, reported for the zone (1997 dollars); NWS zone PAZ013 (LAWRENCE), zone-level: may include parts of neighboring counties		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)	132, 1996 to 2026 (9 zone-level)		Flash Flood, 2023-07-09, \$1,000,000 property; \$0 crops (2023 dollars)		Event records naming member places: New Castle city (30 records), Ellwood City borough (9 records), Bessemer borough (3 records), Ellport borough (2 records), New Wilmington borough (1 record), Plain Grove township (1 record), Pulaski township (1 record), Volant borough (1 record), Wampum borough (1 record). Zone-level records (9) 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.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
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)	1, 1998 to 1998		Lightning, 1998-08-24, \$1,000 property; crops not reported (1998 dollars)		Event records naming member places: New Castle city (1 record).	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)	20, 1997 to 2024 (20 zone-level)	42 kt (48 mph) to 55 kt (63 mph) (median 50 kt (58 mph)); 18 with a recorded value	55 kt (63 mph) estimated gust, High Wind, 2008-09-14; same speed and measurement basis also recorded on 2003-03-08, 2006-12-01; NWS zone PAZ013 (LAWRENCE), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	361, 1958 to 2026	35 kt (40 mph) to 90 kt (104 mph) (median 50 kt (58 mph)); 276 with a recorded value	90 kt (104 mph), measurement type not recorded, Thunderstorm Wind, 1999-07-28		Event records naming member places: New Castle city (70 records), Ellwood City borough (31 records), New Wilmington borough (18 records), Ellport borough (7 records), Plain Grove township (6 records), Pulaski township (6 records), Volant borough (5 records), Wampum borough (4 records), Bessemer borough (2 records), Washington township (1 record).	
Tornado	Enhanced Fujita (F before Feb 2007)	12, 1954 to 2021	F/EF0 to F/EF2 (median between F/EF0 and F/EF1); 12 with a recorded value	F2 tornado, 1992-08-08, 1.5 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 100 yd wide, \$250,000 property; crops not recorded (1992 dollars), 11 direct injuries	Tornado, 1977-09-24, \$2,500,000 property; crops not recorded (1977 dollars)	No event record names a member place.	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.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					Physical measure: in event narratives only; local data required.
Wildfire	acres burned (local data)	0					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)	65, 1996 to 2026 (65 zone- level)		Winter Storm, 2008-02-01, \$10,000 property; \$0 crops, reported for the zone (2008 dollars); NWS zone PAZ013 (LAWRENCE), 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 12 Counted incidents 9

Plan 109104 was approved by FEMA on 2025-10-23 but is not yet adopted here, so no since-plan counts are given.

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	\$213,861.30		
2020-03-13	2020-01-20	EM-3441-PA	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4506
2013-10-01	2013-06-26	DR-4149-PA	Major disaster	SEVERE STORMS, TORNADOES, AND FLOODING	Inland Flooding; Tornado	\$421,330.92		
2012-10-29	2012-10-26	EM-3356-PA	Emergency	HURRICANE SANDY	Hurricane	none found		
2005-09-10	2005-08-29	EM-3235-PA	Emergency	HURRICANE KATRINA	Hurricane: evacuation support, not a local hazard event; not counted	none found		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
2004-09-19	2004-09-17	DR-1557-PA	Major disaster	TROPICAL DEPRESSION IVAN	Hurricane	\$228,206.68		
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	\$643,749.39		
1996-01-21	1996-01-19	DR-1093-PA	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	PA not declared for this county		
1993-03-16	1993-03-13	EM-3105-PA	Emergency	SEVERE SNOWFALL & WINTER STORM	Winter Weather	none found		
1977-01-29	1977-01-29	EM-3026-PA	Emergency	SNOWSTORMS	Winter Weather	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		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Coastal Flooding	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	

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
Drought	2			0	0		1996 to 2026-06-30	
Earthquake	0			0	0			No Storm Events record; local data required (e.g., USGS).
Hail	105			25	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	6			0	0		1996 to 2026-06-30	
Inland Flooding	132			47	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	1			0	0		1996 to 2026-06-30	
Strong Wind	381			58	0		1955 to 2026-06-30	Includes 16 High Wind records and 4 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	12			0	2		1950 to 2026-06-30	
Tsunami	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		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	65			21	2		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
2025-01-20	Cold/Wind Chill		\$0 property; \$0 crops, reported for the zone (2025 dollars)	0, 0	NWS zone PAZ013 (LAWRENCE), zone-level: may include parts of neighboring counties	within last 5 years	B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2024-04-14	Hail	2 in	\$0 property; \$0 crops (2024 dollars)	0, 0	VALET	within last 5 years	B1-c worst recorded: Hail
2023-07-09	Flash Flood		\$1,000,000 property; \$0 crops (2023 dollars)	0, 0	NEW CASTLE JCT to IRISH RIPPLE	within last 5 years	B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2020-03-29	High Wind	50 kt (58 mph) estimated gust	damage not reported	0, 2	NWS zone PAZ013 (LAWRENCE), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2008-09-14	High Wind	55 kt (63 mph) estimated gust	\$1,000,000 property; \$0 crops, reported for the zone (2008 dollars)	0, 0	NWS zone PAZ013 (LAWRENCE), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2008-02-01	Winter Storm		\$10,000 property; \$0 crops, reported for the zone (2008 dollars)	0, 0	NWS zone PAZ013 (LAWRENCE), zone-level: may include parts of neighboring counties		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
1999-08-01	Drought		damage not reported	0, 0	NWS zone PAZ013 (LAWRENCE), zone-level: may include parts of neighboring counties		B1-c worst recorded: Drought
1999-07-28	Thunderstorm Wind	90 kt (104 mph), measurement type not recorded	\$200,000 property; crops not reported (1999 dollars)	0, 0	NEW WILMINGTON		B1-c worst recorded: Thunderstorm Wind
1998-08-24	Lightning		\$1,000 property; crops not reported (1998 dollars)	0, 0	NEW CASTLE		B1-c worst recorded: Lightning
1997-11-13	Ice Storm		\$2,000 property; crops not reported, reported for the zone (1997 dollars)	0, 0	NWS zone PAZ013 (LAWRENCE), zone-level: may include parts of neighboring counties		B1-c worst recorded: Ice Storm
1992-08-08	Tornado	F2, 1.5 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 100 yd wide	\$250,000 property; crops not recorded (1992 dollars)	0, 11	location not recorded		deaths or injuries recorded
1954-06-10	Tornado	F2, 33 yd wide	\$25,000 property; crops not recorded (1954 dollars)	0, 2	location not recorded		deaths or injuries recorded

The full list is in the XLSX file, sheet "B1-d Storm Events history" (713 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	3.32	event-days per year	about 3.32 days per year	Likely	event-days in 6 of 30 years, 1996 to 2025 (20%)	63	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 3.32 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 6 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	Possible	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), but Storm Events has a record in 1 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	0.000598	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0598%			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	4.08	events per year	about 4.08 per year	Highly likely	FEMA annualized frequency (modeled)	155.2 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	1.53	event-days per year	about 1.53 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	30	2005-11-12 to 2024-11-12 (19 years)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned

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	0.023	events per year	about 1 in 43 years	Possible	FEMA annualized frequency (modeled)	6	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	0.425	event-days per year	about 0.425 days per year	Likely	event-days in 5 of 30 years, 1996 to 2025 (16.7%)	29	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	2.29	event-days per year	about 2.29 days per year	Likely	event-days in 25 of 30 years, 1996 to 2025 (83.3%)	64	1996 to 2023 (28 years)	see B1-f	
Landslide	0.248	events per year (modeled)	about 1 in 4 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	40.4	days per year with a strike	about 40.4 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	2.44	events per year	about 2.44 per year	Highly likely	FEMA annualized frequency (modeled)	93	1986 to 2023 (38 years)	countywide	
Tornado	0.158	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	0.0000566	annual probability at a location	chance a given location in the county burns in a year: 0.00566%		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No Storm Events record of this hazard, 1996 to 2025; descriptor not assigned (the NRI value is the chance at a location in the county, not how often the hazard affects the county)
Winter Weather	12.4	event-days per year	about 12.4 days per year	Likely	event-days in 24 of 30 years, 1996 to 2025 (80%)	235	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	49	30	1.63
Hail	2.00 in+	1996 to 2025	4	30	0.133
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	256	30	8.53
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	2	30	0.0667
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	37	30	1.23

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	3	30	0.1
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	2 of 28	4.8	5.5	6.2	Very Low 2, Not Applicable 26	
Coastal Flooding	0 of 28				Not Applicable 28	
Cold Wave	28 of 28	17.5	21.1	24.4	Relatively Low 26, Very Low 2	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 28				No Rating 28	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	28 of 28	6.2	16.5	40.5	Very Low 28	
Hail	28 of 28	31.2	55.4	64.9	Relatively Low 27, Very Low 1	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	28 of 28	2.6	5.3	10.2	Very Low 28	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	28 of 28	27.6	39.5	47.2	Very Low 28	
Ice Storm	28 of 28	8.7	29.8	46.1	Relatively Low 7, Very Low 21	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	28 of 28	13.5	62.9	96.2	Very High 1, Relatively High 4, Relatively Moderate 16, Relatively Low 6, Very Low 1	

Hazard	Tracts rated of all	Risk score min NRI score, 0 to 100	Median	Max	Tracts by rating	Note
Landslide	28 of 28	20.5	57.1	94.6	Relatively Low 4, Very Low 24	
Lightning	28 of 28	35.3	72.1	88.6	Relatively High 8, Relatively Moderate 19, Relatively Low 1	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	28 of 28	23.8	54.9	69.5	Relatively Moderate 15, Relatively Low 13	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	28 of 28	16.9	36.2	45.7	Relatively Low 23, Very Low 5	
Tsunami	0 of 28				Not Applicable 28	
Volcanic Activity	0 of 28				Not Applicable 28	
Wildfire	28 of 28	19.2	48.1	75.4	Relatively Low 3, Very Low 25	
Winter Weather	28 of 28	25.5	48.0	60.6	Relatively Moderate 14, 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.

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
Lawrence County	County	Plan 109104 approved 2025-10-23, pending adoption here; not yet eligible		\$87,504.74	0; no approved plan	No NFIP community ID on this member's plan row. Includes \$78,664.20 for declarations not counted as hazard incidents (DR-4506-PA).
Bessemer borough	Organized Borough	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 0	none found	8; 0	
Ellport borough	Organized Borough	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 0	none found	9; 1	
Ellwood City borough	Organized Borough	Approved, expires 2030-10-22	FMA RL 1, SRL 0; any 4	\$4,833.53	41; 0	Whole community, including the part in Beaver County; in-county portion (county table): FMA RL 0, FMA SRL 0, NFIP RL 1, NFIP SRL 0, any category 1.
Enon Valley borough	Organized Borough	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 0	none found	0; 0	
New Beaver borough	Organized Borough	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 1	none found	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>	
New Castle city	City	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 6	\$310,322.99	128; 4	Includes \$32,449.20 for declarations not counted as hazard incidents (DR-4506-PA).
New Wilmington borough	Organized Borough	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 0	\$13,141.37	30; 0	
S.N.P.J. borough	Organized Borough	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 0	none found	0; 0	
South New Castle borough	Organized Borough	Plan 109104 approved 2025-10-23, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$28,339.31	0; no approved plan	
Volant borough	Organized Borough	Plan 109104 approved 2025-10-23, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	none found	9; no approved plan	
Wampum borough	Organized Borough	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 0	\$3,511.77	5; 0	
Hickory township	Township	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 2	\$22,518.33	0; 0	
Little Beaver township	Township	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 0	none found	0; 0	
Mahoning township	Township	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 2	\$123,263.12	0; 0	
Neshannock township	Township	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 1	\$61,618.25	0; 0	
North Beaver township	Township	Plan 109104 approved 2025-10-23, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	none found	0; no approved plan	
Perry township	Township	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 0	\$75,472.38	0; 0	
Plain Grove township	Township	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 0	\$7,003.36	9; 0	
Pulaski township	Township	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 0	\$102,097.42	18; 0	
Scott township	Township	Approved, expires 2030-10-22	FMA RL 0, SRL 1; any 2	none found	0; 0	
Shenango township	Township	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 1	\$252,730.12	0; 0	
Slippery Rock township	Township	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 0	\$26,748.23	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>	
Taylor township	Township	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 0	none found	0; 0	
Union township	Township	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 0	\$20,162.27	0; 0	
Washington township	Township	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 0	none found	1; 0	
Wayne township	Township	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 0	none found	0; 0	
Wilmington township	Township	Approved, expires 2030-10-22	FMA RL 0, SRL 0; any 3	\$125,803.56	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.

Plan 109104 was approved by FEMA on 2025-10-23 but is not yet adopted here, so no since-plan counts are given.

- 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 plan	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	\$0		under 1	\$0		\$14					building exposure is 0 in NRI

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 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
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$16,451,446,684	\$44,770,554	86,035	\$587	\$8,521	\$154,970	under 0.0001%				
Drought		\$0			\$0						agriculture exposure is 0 in NRI
Earthquake	\$28,308,765,382		86,070	\$89,657		\$29,589	0.000317%				
Hail	\$16,451,446,684	\$44,770,554	86,035	\$226,505	\$3,048	\$20,203	0.00138%				
Heat Wave	\$16,451,446,684	\$44,770,554	86,035	under \$1	\$1,568	\$122,268	under 0.0001%				
Hurricane	\$16,451,428,717	\$44,641,116	86,035	\$40,052	\$13,659	\$2,118	0.000243%				
Ice Storm	\$16,442,846,774		85,948	\$19,309		\$41,478	0.000117%				
Inland Flooding	\$16,445,297,838	\$1,190,306	1,744	\$21,760,814	\$471	\$63,478	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	\$495,729,989		3,119	\$373		\$2,965	under 0.0001%				
Lightning	\$16,451,446,684		86,035	\$3,802		\$627,790	under 0.0001%				
Strong Wind	\$16,451,446,684	\$44,770,554	86,035	\$234,090	\$1,016	\$297,832	0.00142%				
Tornado	\$16,451,446,684	\$44,770,554	86,035	\$479,385	\$1,165	\$264,363	0.00291%				
Tsunami											Not Applicable in NRI for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$4,409,836,334	\$14,595,343	24,855	\$9,753	\$7	\$2,004	0.000221%				
Winter Weather	\$16,451,446,684	\$44,770,554	86,035	\$45,051	\$17	\$16,866	0.000274%				

Totals since the plan: not available. Plan 109104 was approved by FEMA on 2025-10-23 but is not yet adopted here, so no since-plan counts are given.

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	86,035
Building value (total, not at risk)	\$16,451,446,684
Agriculture value (total, not at risk)	\$44,770,554
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$22,938,849
Expected annual loss, population equivalence, all hazards (NRI values each statistical life at \$13.7M; a modeled value of expected deaths and injuries, not property damage)	\$1,645,938
Social vulnerability rating	Relatively Moderate
Community resilience rating	Relatively 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)	0	Severe repetitive loss, FMA definition (44 CFR 77.2)	1
Repetitive loss, NFIP insurance definition	19	Severe repetitive loss, NFIP insurance definition	1

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	0	1	19	1	19	0	4
ELLWOOD CITY, BOROUGH OF	0	0	1	0	1	0	0
NEW CASTLE, CITY OF	0	0	6	0	6	0	1

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
SHENANGO, TOWNSHIP OF	0	0	1	0	1	0	0
HICKORY, TOWNSHIP OF	0	0	2	0	2	0	0
MAHONING, TOWNSHIP OF	0	0	2	0	2	0	0
NESHANNOCK, TOWNSHIP OF	0	0	1	0	1	0	1
SCOTT, TOWNSHIP OF	0	1	2	1	2	0	1
WILMINGTON, TOWNSHIP OF	0	0	3	0	3	0	1
NEW BEAVER, BOROUGH 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
Bessemer borough	422627	0	0	0	0	0	0	0	
Ellport borough	422462	0	0	0	0	0	0	0	
Ellwood City borough	420567	1	0	3	0	4	1	0	Whole community, including the part in Beaver County; in-county portion (county table): FMA RL 0, FMA SRL 0, NFIP RL 1, NFIP SRL 0, any category 1.
Enon Valley borough	422463	0	0	0	0	0	0	0	
New Beaver borough	422465	0	0	1	0	1	0	0	
New Castle city	420568	0	0	6	0	6	0	1	
New Wilmington borough	420569	0	0	0	0	0	0	0	
S.N.P.J. borough	422711	0	0	0	0	0	0	0	
South New Castle borough	422467	0	0	0	0	0	0	0	
Volant borough	421790	0	0	0	0	0	0	0	
Wampum borough	421791	0	0	0	0	0	0	0	
Hickory township	421792	0	0	2	0	2	0	0	
Little Beaver township	422464	0	0	0	0	0	0	0	
Mahoning township	421793	0	0	2	0	2	0	0	
Neshannock township	421794	0	0	1	0	1	0	1	

Member	NFIP community ID	RL, FMA properties	SRL, FMA properties	RL, NFIP properties	SRL, NFIP properties	Any category properties	Mitigated properties	Currently insured properties	Note
North Beaver township	421795	0	0	0	0	0	0	0	
Perry township	421796	0	0	0	0	0	0	0	
Plain Grove township	421797	0	0	0	0	0	0	0	
Pulaski township	421798	0	0	0	0	0	0	0	
Scott township	421799	0	1	2	1	2	0	1	
Shenango township	421029	0	0	1	0	1	0	0	
Slippery Rock township	422466	0	0	0	0	0	0	0	
Taylor township	421800	0	0	0	0	0	0	0	
Union township	421801	0	0	0	0	0	0	0	
Washington township	422468	0	0	0	0	0	0	0	
Wayne township	422469	0	0	0	0	0	0	0	
Wilmington township	421802	0	0	3	0	3	0	1	

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 properties	SRL, FMA properties	RL, NFIP properties	SRL, NFIP properties	Any category properties	Mitigated properties	Currently insured properties
single-family residential	0	1	15	1	15	0	4
2 to 4 unit residential	0	0	2	0	2	0	0
other residential	0	0	0	0	0	0	0
non-residential	0	0	2	0	2	0	0
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 fmaRL field description omits the Increased Cost of Compliance clause of 44 CFR 77.2(i). NFIP repetitive loss (FEMA insurance definition, nfipRL) 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 19 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_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

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Cite this: Hazard Plain (2026). Lawrence County, PA: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-28; County area 42073). 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_42073. Preview: automated baseline.