

Lackawanna County, PA

Risk-assessment baseline packet

County FIPS: 42069 Release: 2026-10 Data as of: 2026-09-30 Storm Events data through: 2026-06-30

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

Summary

Plan status as of 2026-09-30: Approved, expires 2031-08-04. Plan: Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), approved 2026-08-05.

Since the plan was approved on 2026-08-05: no new hazard declaration; details under "What changed since your last plan".

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$57,166,866 a year), Cold Wave (\$5,876,713) and Hurricane (\$2,190,401).

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; 42069 is this area.

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

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

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

CFR: Code of Federal Regulations.

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

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

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Plan clock

Status:	Approved, expires 2031-08-04	Plan:	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109)
Approved:	2026-08-05	Days to expiry:	1,769

What changed since your last plan (approved 2026-08-05)

New federal declarations:	none	Storm Events records since approval:	not yet covered: Storm Events data run through 2026-06-30, before the approval date, so there is no period to count yet
Repetitive loss now:	FMA RL 4, SRL 21 (44 CFR 77.2); any definition: 148	Repeat-flood change:	this release sets the baseline count.

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

Plan status for every jurisdiction listed in this county: 41 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
Lackawanna County	County	Approved, expires 2031-08-04	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109)	2026-08-05	2031-08-04	1,769		
Archbald borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Blakely borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Carbondale city	City	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Clarks Green borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Clarks Summit borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Dalton borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Dickson City borough	Organized Borough	Approved, expires 2031-08-04	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109)	2026-08-05	2031-08-04	1,769		this jurisdiction approved 2026-09-08
Dunmore borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Jermyn borough	Organized Borough	Approved, expires 2031-08-04	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109)	2026-08-05	2031-08-04	1,769		this jurisdiction approved 2026-08-20

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Jessup borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Mayfield borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Moosic borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Moscow borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Old Forge borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Olyphant borough	Organized Borough	Approved, expires 2031-08-04	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109)	2026-08-05	2031-08-04	1,769		this jurisdiction approved 2026-09-08
Scranton city	City	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Taylor borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Throop borough	Organized Borough	Approved, expires 2031-08-04	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109)	2026-08-05	2031-08-04	1,769		this jurisdiction approved 2026-08-25
Vandling borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 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
Benton township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Carbondale township	Township	Approved, expires 2031-08-04	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109)	2026-08-05	2031-08-04	1,769		this jurisdiction approved 2026-09-03
Clifton township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Covington township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Elmhurst township	Township	Approved, expires 2031-08-04	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109)	2026-08-05	2031-08-04	1,769		this jurisdiction approved 2026-09-03
Fell township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Glenburn township	Township	Approved, expires 2031-08-04	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109)	2026-08-05	2031-08-04	1,769		this jurisdiction approved 2026-08-26
Greenfield township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Jefferson township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
La Plume township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Madison township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 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	Update underway	Notes
						<i>negative = days since expiry</i>		
Newton township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
North Abington township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Ransom township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Roaring Brook township	Township	Approved, expires 2031-08-04	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109)	2026-08-05	2031-08-04	1,769		this jurisdiction approved 2026-09-03
Scott township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
South Abington township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Spring Brook township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Thornhurst township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Waverly township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109), pending adoption here	2026-08-05 by FEMA; not yet adopted here	2031-08-04 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
West Abington township	Township	Approved, expires 2031-08-04	Lackawanna County Hazard Mitigation Plan (FEMA plan 109109)	2026-08-05	2031-08-04	1,769		this jurisdiction approved 2026-09-01

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 High	Relatively Moderate	\$55,461,057	\$23,983	\$1,681,825	\$57,166,866	99	
2	Cold Wave	Relatively High	Relatively High	\$1,877	\$8	\$5,874,827	\$5,876,713	11	Includes 1 Frost/Freeze record (outside NRI's Cold Wave definition; counted in this table and in B1-d, not in the B1-e descriptor).
3	Hurricane	Relatively Moderate	Relatively Moderate	\$2,078,626	\$22,291	\$89,483	\$2,190,401	0	Declared 5 times; no Storm Events record of this type.
4	Tornado	Relatively Moderate	Relatively Low	\$1,114,699	\$142	\$941,777	\$2,056,619	10	
5	Heat Wave	Relatively Moderate	Relatively Moderate	\$1	\$1,214	\$1,625,021	\$1,626,235	4	
6	Lightning	Relatively High	Relatively High	\$28,840	n/a	\$1,056,967	\$1,085,806	16	
7	Earthquake	Relatively Low	Relatively Low	\$805,948	n/a	\$192,721	\$998,669		Storm Events does not record earthquakes.
8	Strong Wind	Relatively Moderate	Relatively Moderate	\$522,805	\$102	\$148,059	\$670,966	233	Includes 18 High Wind and 3 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
9	Winter Weather	Relatively High	Relatively High	\$79,833	\$9	\$346,725	\$426,567	82	
10	Ice Storm	Relatively Moderate	Relatively Moderate	\$135,652	n/a	\$41,205	\$176,857	5	
11	Hail	Very Low	Very Low	\$44,166	\$853	\$45,809	\$90,827	62	

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
12	Wildfire	Very Low	Very Low	\$21,291	\$9	\$3,743	\$25,043	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
13	Landslide	Relatively Low	Very Low	\$2,828	n/a	\$4,037	\$6,865	0	Declared 1 time; no Storm Events record of this type.
14	Avalanche	Very Low	Very Low	\$0	n/a	\$157	\$157	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	5	

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 wildfire and landslide records (Storm Events records these hazards only in part).

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

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

Supports FEMA checklist item B1-b: hazard location

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

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

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

Source: 5

Hazard	Highest-rated census tracts <i>NRI risk rating, score 0 to 100</i>
Avalanche	tract 1124 (Very Low, 23.4); tract 1129.01 (Very Low, 22.1); tract 1121 (Very Low, 21.7)
Earthquake	tract 1129.02 (Relatively Low, 70.8); tract 1120 (Relatively Low, 60.0); tract 1125 (Relatively Low, 57.4)
Hurricane	tract 1129.02 (Relatively Moderate, 81.5); tract 1120 (Relatively Low, 75.5); tract 1018 (Relatively Low, 75.2)
Landslide	tract 1124 (Relatively Low, 93.8); tract 1129.01 (Relatively Low, 91.5); tract 1102.01 (Relatively Low, 90.8)
Tornado	tract 1129.02 (Relatively Moderate, 60.6); tract 1018 (Relatively Low, 52.3); tract 1125 (Relatively Low, 51.9)
Wildfire	tract 1124 (Relatively Low, 78.3); tract 1102.01 (Relatively Low, 76.5); tract 1129.02 (Relatively Low, 74.7)

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 1124 is Census Tract 1124). FEMA's Resilience Analysis and Planning Tool maps the National Risk Index for every tract: <https://www.fema.gov/emergency-managers/practitioners/resilience-analysis-and-planning-tool>

Supports FEMA checklist item B1-c: hazard extent

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

Sources: 6, 7

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Avalanche	none (count and damage only)	0					
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	10 records, 1996 to 2026 (10 zone-level)	1 day to 3 days (median 1 day); 9 with a recorded value	3 consecutive days, 1996-03-08 to 1996-03-10, zone-level	Cold/Wind Chill, 2004-01-15, \$10,000 property; crops not reported (zone total, 2004 dollars)	Countywide (zone-level records).	Cold/Wind Chill records from May to September (a frost night, not a cold wave) are counted but not used for the longest run.
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	1 record, 2026 (1 zone-level)		Frost/Freeze, 2026-04-19, \$7,500,000 crop damage (2026 dollars); NWS zone PAZ044		Countywide (zone-level records).	
Drought	U.S. Drought Monitor scale (D0 to D4)	5 records, 1997 to 2024 (5 zone-level)	30 days to 36 days (median 31 days); 4 with a recorded value	36 days (about 1.2 months), 2024-11-12 to 2024-12-17, a run of 2 consecutive Storm Events drought records, zone-level	Drought, 1997-08-01, property not reported; \$200,000 crops (zone total, 1997 dollars)	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)	74 records, 1959 to 2024	0.75 in to 2.75 in (median 1 in); 74 with a recorded value	2.75 in hail, 1985-06-24	Hail, 1998-06-30, \$15,000 property; crops not reported (1998 dollars)	Event records naming jurisdictions in the plan: Scranton city (12 records), Moscow borough (5 records), Carbondale city (4 records), Carbondale township (4 records), Mayfield borough (4 records), Olyphant borough (4 records), Throop borough (4 records), Archbald borough (3 records), Clarks Summit borough (3 records), Clarks Green borough (2 records); and 6 more jurisdictions (see the Excel file).	
Excessive Heat, Heat	heat index (in event narratives)	4 records, 2001 to 2012 (4 zone-level)	3 days to 10 days (median 6.5 days); 2 with a recorded value	10 consecutive days, 2001-08-01 to 2001-08-10, zone-level		Countywide (zone-level records).	Heat records from November to March (unseasonable warmth, not a heat wave) are counted but not used for the longest run.
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)	5 records, 1998 to 2021 (5 zone-level)		No damage reported in 5 records.		Countywide (zone-level records).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	99 records, 1996 to 2026 (5 zone-level)		Flash Flood, 2006-06-27, \$50,000,000 property; crops not reported (2006 dollars)		Event records naming jurisdictions in the plan: Scranton city (12 records), Dunmore borough (8 records), Taylor borough (7 records), Clarks Summit borough (6 records), Throop borough (4 records), Clarks Green borough (3 records), Jessup borough (3 records), Moosic borough (3 records), Moscow borough (3 records), Olyphant borough (3 records); and 11 more jurisdictions (see the Excel file). Zone-level records (5) 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)	16 records, 1996 to 2026		Lightning, 2001-09-13, damage not reported, 1 direct death	Lightning, 2005-06-06, \$100,000 property; crops not reported (2005 dollars)	Event records naming jurisdictions in the plan: Carbondale city (3 records), Carbondale township (3 records), Scranton city (2 records), Clarks Summit borough (1 record), Dunmore borough (1 record), Elmhurst township (1 record), Moscow borough (1 record), Olyphant borough (1 record), Throop 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)	21 records, 1996 to 2021 (21 zone-level)	45 kt (52 mph) to 60 kt (69 mph) (median 50 kt (58 mph)); 15 with a recorded value	60 kt (69 mph) estimated gust, High Wind, 2003-10-15; NWS zone PAZ044	High Wind, 1999-09-16, \$630,000 property; crops not reported (zone total, 1999 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	250 records, 1958 to 2026	50 kt (58 mph) to 75 kt (86 mph) (median 50 kt (58 mph)); 201 with a recorded value	75 kt (86 mph) estimated gust, Thunderstorm Wind, 2004-11-25		Event records naming jurisdictions in the plan: Scranton city (27 records), Clarks Green borough (13 records), Dalton borough (12 records), Waverly township (10 records), Moscow borough (9 records), Carbondale city (8 records), Carbondale township (8 records), Clarks Summit borough (8 records), Dunmore borough (7 records), Elmhurst township (6 records); and 15 more jurisdictions (see the Excel file).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	12 records, 1991 to 2023	F/EF0 to F/EF2 (median between F/EF0 and F/EF1); 12 with a recorded value	EF2 tornado, 2017-02-25, 5.4 mi within this county, 500 yd wide, \$50,000 property; \$0 crops (2017 dollars)	Tornado, 1998-06-02, \$300,000 property; crops not reported (1998 dollars)	Event records naming jurisdictions in the plan: Elmhurst township (1 record), Jessup borough (1 record), La Plume township (1 record), Newton township (1 record), Old Forge borough (1 record), Scranton city (1 record), Throop 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)	82 records, 1996 to 2026 (82 zone-level)		Heavy Snow, 2003-01-03, \$300,000 property; crops not reported (2003 dollars); NWS zone PAZ044		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: 22 declarations covering 17 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

Storm Events records since the plan: not yet covered: Storm Events data run through 2026-06-30, before the approval date, so there is no period to count yet.

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	\$5,188,777.88	
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
2018-11-27	2018-08-10	DR-4408-PA	Major disaster	Severe Storms and Flooding	Inland Flooding	\$3,563,661.36	
2012-10-29	2012-10-26	EM-3356-PA	Emergency	Hurricane Sandy	Hurricane	no Public Assistance recorded	
2011-09-12	2011-09-03	DR-4030-PA	Major disaster	Tropical Storm Lee	Inland Flooding (primary); also designated: Hurricane	\$699,144.98	
2011-09-08	2011-09-03	EM-3340-PA	Emergency	Remnants of Tropical Storm Lee	Inland Flooding (primary); also designated: Hurricane	no Public Assistance recorded	same incident as DR-4030
2007-02-23	2006-11-16	DR-1684-PA	Major disaster	Severe Storms and Flooding	Inland Flooding	\$1,756,099.30	
2006-06-30	2006-06-23	DR-1649-PA	Major disaster	Severe Storms, Flooding, and Mudslides	Inland Flooding; Landslide	\$1,844,903.62	

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Notes
						<i>federal share obligated, nominal dollars</i>	
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	
2005-04-14	2005-04-02	DR-1587-PA	Major disaster	Severe Storms and Flooding	Inland Flooding	\$427,512.34	
2004-09-19	2004-09-17	DR-1557-PA	Major disaster	Tropical Depression Ivan	Hurricane	\$1,193,352.60	
2004-09-19	2004-09-08	DR-1555-PA	Major disaster	Severe Storms and Flooding Associated with Tropical Depression Frances	Hurricane; Inland Flooding: designated for Hazard Mitigation only (no Public or Individual Assistance for this county); not counted	PA not declared for this county	
2003-08-23	2003-07-21	DR-1485-PA	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado	\$1,046,380.49	
1996-01-21	1996-01-19	DR-1093-PA	Major disaster	Severe Storms and Flooding	Inland Flooding	no Public Assistance recorded	
1996-01-13	1996-01-06	DR-1085-PA	Major disaster	Blizzard of 96	Winter Weather	no Public Assistance recorded	
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	
1985-10-08	1985-09-27	DR-745-PA	Major disaster	Hurricane Gloria	Hurricane	no Public Assistance recorded	
1976-10-20	1976-10-20	DR-523-PA	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded	
1976-07-07	1976-07-07	DR-513-PA	Major disaster	High Winds, Flash Floods	Inland Flooding	no Public Assistance recorded	
1975-09-26	1975-09-26	DR-485-PA	Major disaster	Severe Storms, Heavy Rains & Flooding	Inland Flooding	no Public Assistance recorded	
1972-06-23	1972-06-23	DR-340-PA	Major disaster	Tropical Storm Agnes	Inland Flooding (primary); also designated: Hurricane	no Public Assistance recorded	

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

Statewide declarations

Source: 2

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

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

Previous occurrences by hazard, with explicit no-event rows

Sources: 2, 6, 7

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Avalanche	0		0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	11		2	3	0	0	1996 to 2026-06-30	Includes 1 Frost/Freeze record.
Drought	5		0	2	0	0	1996 to 2026-06-30	
Earthquake	0		0	0	0	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	74		0	3	0	0	1955 to 2026-06-30	
Heat Wave	4		0	0	0	0	1996 to 2026-06-30	
Hurricane	0		0	0	5	0	1996 to 2026-06-30	No Storm Events records of this type; 5 federal declared incidents (see declarations table)
Ice Storm	5		0	0	0	0	1996 to 2026-06-30	
Inland Flooding	99		5	31	11	0	1996 to 2026-06-30	
Landslide	0		0	0	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Lightning	16		1	3	0	0	1996 to 2026-06-30	
Strong Wind	271		6	53	0	0	1955 to 2026-06-30	Includes 18 High Wind and 3 Strong Wind records.
Tornado	12		0	1	1	0	1950 to 2026-06-30	
Wildfire	0		0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	82		3	11	3	0	1996 to 2026-06-30	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Flags	Why listed
2026-04-19	Frost/Freeze		\$0 property; \$7,500,000 crops (zone total, 2026 dollars)	0, 0	NWS zone PAZ044 (LACKAWANNA), zone-level	in the 12 months before plan approval; within last 5 years	B1-c worst recorded: Frost/Freeze
2023-09-09	Flash Flood		\$2,500,000 property; \$0 crops (2023 dollars)	2, 2	CHINCHILLA	within last 5 years	deaths or injuries recorded
2017-02-25	Tornado	EF2, 5.4 mi within this county, 500 yd wide	\$50,000 property; \$0 crops (2017 dollars)	0, 0	HILLSIDE JCT to NAY AUG		B1-c worst recorded: Tornado
2006-06-27	Flash Flood		\$50,000,000 property; crops not reported (2006 dollars)	0, 0	COUNTYWIDE		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2004-11-25	Thunderstorm Wind	75 kt (86 mph) estimated gust	\$200,000 property; crops not reported (2004 dollars)	0, 0	CARBONDALE		B1-c worst recorded: Thunderstorm Wind
2003-10-15	High Wind	60 kt (69 mph) estimated gust	\$100,000 property; crops not reported (zone total, 2003 dollars)	0, 0	NWS zone PAZ044 (LACKAWANNA), zone-level		B1-c worst recorded: High Wind and Strong Wind
2003-01-03	Heavy Snow		\$300,000 property; crops not reported (zone total, 2003 dollars)	0, 0	NWS zone PAZ044 (LACKAWANNA), zone-level		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2001-09-13	Lightning		damage not reported	1, 0	SPRINGBROOK CORNERS		deaths or injuries recorded
2001-08-01	Heat		damage not reported	0, 0	NWS zone PAZ044 (LACKAWANNA), zone-level		B1-c worst recorded: Excessive Heat, Heat
1996-07-08	Lightning		damage not reported	0, 3	DUNMORE		deaths or injuries recorded
1996-03-08	Cold/Wind Chill		\$0 property; \$0 crops (zone total, 1996 dollars)	0, 0	NWS zone PAZ044 (LACKAWANNA), zone-level		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
1985-06-24	Hail	2.75 in	damage not recorded (pre-1996 record)	0, 1	location not recorded		B1-c worst recorded: Hail

The full list is in the Excel file, sheet "B1-d Storm Events history" (579 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	Likely	Storm Events event-days in 4 of 30 years, 1996 to 2025 (13.3%)	0	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	NRI models no drought event-days here (2000 to 2025, 25.25 years; D3 and D4 only); Storm Events has a record in 4 of 30 years. The descriptor comes from Storm Events, which counts D2 drought that NRI leaves out.
Earthquake	0.000844	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0844%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	2.1	events per year	about 2.1 per year	Highly likely	FEMA annualized frequency (modeled)	79.9 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	2.48	event-days per year	about 2.48 days per year	Likely	Storm Events event-days in 4 of 30 years, 1996 to 2025 (13.3%)	39.1	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.04	events per year	about 1 in 25 years	Possible	FEMA annualized frequency (modeled)	10	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	0.531	event-days per year	about 0.531 days per year	Likely	Storm Events event-days in 5 of 30 years, 1996 to 2025 (16.7%)	36	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	1.68	event-days per year	about 1.68 days per year	Likely	Storm Events event-days in 23 of 30 years, 1996 to 2025 (76.7%)	47	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	0.506	events per year (modeled)	about 0.51 per year	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	31.3	days per year with a strike	about 31.3 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	2.71	events per year	about 2.71 per year	Highly likely	FEMA annualized frequency (modeled)	104	1986 to 2023 (38 years)	countywide	
Tornado	0.147	events per year	about 1 in 7 years	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Wildfire	0.000271	annual probability at a location	chance a given location in the county burns in a year: 0.0271%		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	13.8	event-days per year	about 13.8 days per year	Highly likely	Storm Events event-days in 27 of 30 years, 1996 to 2025 (90%)	262	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	33	30	1.1
Hail	2.00 in+	1996 to 2025	0	30	0
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	190	30	6.33
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	4	30	0.133
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	13	30	0.433
Tornado	EF0-1	1996 to 2025	9	30	0.3
Tornado	EF2-3	1996 to 2025	1	30	0.0333
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	5 of 60	15.9	21.7	23.4	Very Low 5, Not Applicable 55
Cold Wave	60 of 60	47.4	66.4	85.5	Relatively High 6, Relatively Moderate 54
Drought	0 of 60				No Rating 60
Earthquake	60 of 60	19.0	35.1	70.8	Relatively Low 21, Very Low 39
Hail	60 of 60	14.3	26.0	42.6	Relatively Low 1, Very Low 59
Heat Wave	60 of 60	17.6	37.6	66.8	Relatively Moderate 5, Relatively Low 55
Hurricane	60 of 60	51.2	63.2	81.5	Relatively Moderate 1, Relatively Low 58, Very Low 1
Ice Storm	60 of 60	10.2	36.3	71.6	Relatively Moderate 1, Relatively Low 30, Very Low 29
Inland Flooding	60 of 60	5.6	70.3	97.8	Very High 4, Relatively High 18, Relatively Moderate 21, Relatively Low 13, Very Low 4
Landslide	60 of 60	18.1	58.9	93.8	Relatively Low 13, Very Low 47
Lightning	60 of 60	40.9	63.4	88.8	Relatively High 7, Relatively Moderate 48, Relatively Low 5
Strong Wind	60 of 60	17.5	39.0	75.1	Relatively Moderate 6, Relatively Low 53, Very Low 1
Tornado	60 of 60	24.6	38.5	60.6	Relatively Moderate 1, Relatively Low 55, Very Low 4
Wildfire	54 of 60	18.6	36.9	78.3	Relatively Low 9, Very Low 45, No Rating 6
Winter Weather	60 of 60	53.6	73.6	90.1	Relatively High 23, Relatively Moderate 37

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
Lackawanna County	County	Approved, expires 2031-08-04		\$3,724,701.33	0 total; not yet covered	No NFIP community ID on this jurisdiction's plan row. Includes \$1,232,155.34 for declarations not counted as hazard incidents (DR-4506-PA).
Archbald borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 3	\$130,368.82	6 total; no approved plan	
Blakely borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$130,293.52	3 total; no approved plan	
Carbondale city	City	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 7	\$94,737.87	17 total; no approved plan	
Clarks Green borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	18 total; no approved plan	
Clarks Summit borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 2	\$125,631.36	18 total; no approved plan	
Dalton borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$117,728.31	14 total; no approved plan	
Dickson City borough	Organized Borough	Approved, expires 2031-08-04	FMA RL 0, SRL 0; any 0	\$11,197.44	3 total; not yet covered	
Dunmore borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	17 total; no approved plan	
Jermyn borough	Organized Borough	Approved, expires 2031-08-04	FMA RL 0, SRL 0; any 2	\$244,221.13	2 total; not yet covered	
Jessup borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$12,268.66	9 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>	
Mayfield borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 2; any 2	\$65,933.88	8 total; no approved plan	
Moosic borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 2	\$184,149.42	7 total; no approved plan	
Moscow borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 3	\$65,907.03	18 total; no approved plan	
Old Forge borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$41,668.69	6 total; no approved plan	
Olyphant borough	Organized Borough	Approved, expires 2031-08-04	FMA RL 0, SRL 0; any 7	\$36,549.32	11 total; not yet covered	
Scranton city	City	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 4, SRL 16; any 111	\$3,724,984.88	54 total; no approved plan	Includes \$28,430.94 for declarations not counted as hazard incidents (DR-4506-PA).
Taylor borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$1,221.72	10 total; no approved plan	
Throop borough	Organized Borough	Approved, expires 2031-08-04	FMA RL 0, SRL 0; any 0	\$13,049.47	11 total; not yet covered	
Vandling borough	Organized Borough	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	4 total; no approved plan	
Benton township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$137,851.09	0 total; no approved plan	
Carbondale township	Township	Approved, expires 2031-08-04	FMA RL 0, SRL 0; any 0	\$5,311.50	17 total; not yet covered	
Clifton township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$9,384.45	0 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>	
Covington township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$94,367.68	0 total; no approved plan	
Elmhurst township	Township	Approved, expires 2031-08-04	FMA RL 0, SRL 0; any 0	\$188,245.51	10 total; not yet covered	
Fell township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$94,158.74	0 total; no approved plan	
Glenburn township	Township	Approved, expires 2031-08-04	FMA RL 0, SRL 0; any 0	\$61,034.93	2 total; not yet covered	
Greenfield township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$138,508.67	0 total; no approved plan	
Jefferson township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$49,600.05	0 total; no approved plan	
La Plume township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	4 total; no approved plan	
Madison township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$33,599.88	0 total; no approved plan	
Newton township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$96,069.46	3 total; no approved plan	
North Abington township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$34,790.89	0 total; no approved plan	
Ransom township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$356,588.11	2 total; no approved plan	
Roaring Brook township	Township	Approved, expires 2031-08-04	FMA RL 0, SRL 0; any 0	\$33,244.03	0 total; not yet covered	

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
Scott township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$279,831.51	0 total; no approved plan	
South Abington township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 1	\$206,139.53	0 total; no approved plan	
Spring Brook township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$140,962.43	0 total; no approved plan	
Thornhurst township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 4	no Public Assistance recorded	3 total; no approved plan	
Waverly township	Township	Plan 109109 approved 2026-08-05, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	no Public Assistance recorded	12 total; no approved plan	
West Abington township	Township	Approved, expires 2031-08-04	FMA RL 0, SRL 0; any 0	\$10,179.83	0 total; not yet covered	

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

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

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

Local data needed

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

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

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

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

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2026-08-05 <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	\$157					building exposure is 0 in NRI
Cold Wave	\$50,825,687,213	\$21,205,572	215,724	\$1,877	\$8	\$5,874,827	under 0.0001%				
Drought	n/a	\$0	n/a	n/a	\$0	n/a					agriculture exposure is 0 in NRI
Earthquake	\$88,196,407,042	n/a	215,896	\$805,948	n/a	\$192,721	0.000914%				
Hail	\$50,825,687,213	\$21,205,572	215,724	\$44,166	\$853	\$45,809	under 0.0001%				
Heat Wave	\$50,825,687,213	\$21,205,572	215,724	\$1	\$1,214	\$1,625,021	under 0.0001%				
Hurricane	\$50,824,218,204	\$21,205,572	215,712	\$2,078,626	\$22,291	\$89,483	0.00409%				
Ice Storm	\$50,753,617,226	n/a	215,450	\$135,652	n/a	\$41,205	0.000267%				
Inland Flooding	\$50,767,585,146	\$2,522,058	8,605	\$55,461,057	\$23,983	\$1,681,825	n/a (see note)				NRI counts the full building value of any census block with some flood loss; this is not the value of buildings in the floodplain. Use local FIRM overlays for B2-a/B2-b.
Landslide	\$1,844,774,477	n/a	7,871	\$2,828	n/a	\$4,037	0.000153%				
Lightning	\$50,825,687,213	n/a	215,724	\$28,840	n/a	\$1,056,967	under 0.0001%				
Strong Wind	\$50,825,687,213	\$21,205,572	215,724	\$522,805	\$102	\$148,059	0.00103%				
Tornado	\$50,825,687,213	\$21,205,572	215,724	\$1,114,699	\$142	\$941,777	0.00219%				

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2026-08-05 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Wildfire	\$3,935,784,787	\$3,097,093	19,503	\$21,291	\$9	\$3,743	0.000541%				
Winter Weather	\$50,825,687,213	\$21,205,572	215,724	\$79,833	\$9	\$346,725	0.000157%				

Totals since 2026-08-05: Storm Events not yet covered: Storm Events data run through 2026-06-30, before the approval date, so there is no period to count yet; Public Assistance: no counted declaration since the plan.

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

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

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

County context

Source: 5

Measure	Value
Population	215,724
Building value (total, not at risk)	\$50,825,687,213
Agriculture value (total, not at risk)	\$21,205,572
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$60,346,234
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)	\$12,052,357
Social vulnerability rating	Relatively High
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)	4	Severe repetitive loss, FMA definition (44 CFR 77.2)	21
Repetitive loss, NFIP insurance definition	142	Severe repetitive loss, NFIP insurance definition	16

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

Repeat-flood properties: county and state-level rows

Sources: 1, 4

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
County total	4	21	142	16	148	0	28
of which: Archbald borough	0	1	3	1	3	0	0
of which: Blakely borough	0	0	1	0	1	0	1
of which: Carbondale city	0	0	7	0	7	0	1
of which: Clarks Summit borough	0	1	2	1	2	0	1
of which: Jermyn borough	0	0	2	0	2	0	0
of which: Mayfield borough	0	2	2	2	2	0	1
of which: Moosic borough	0	0	2	0	2	0	0
of which: Moscow borough	0	0	3	0	3	0	1
of which: Olyphant borough	0	0	7	0	7	0	2
of which: Scranton city	4	16	105	11	111	0	19
of which: Fell township	0	0	1	0	1	0	0
of which: Newton township	0	0	1	0	1	0	0
of which: South Abington township	0	1	1	1	1	0	0
of which: Waverly township	0	0	1	0	1	0	1
of which: Township of Thornhurst	0	0	4	0	4	0	1
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>
Archbald borough	420524	0	1	3	1	3	0	0
Blakely borough	420525	0	0	1	0	1	0	1
Carbondale city	420526	0	0	7	0	7	0	1
Clarks Green borough	422454	0	0	0	0	0	0	0
Clarks Summit borough	420527	0	1	2	1	2	0	1
Dalton borough	420998	0	0	0	0	0	0	0
Dickson City borough	420528	0	0	0	0	0	0	0
Dunmore borough	420529	0	0	0	0	0	0	0
Jermyn borough	420530	0	0	2	0	2	0	0
Jessup borough	420531	0	0	0	0	0	0	0
Mayfield borough	420532	0	2	2	2	2	0	1
Moosic borough	420533	0	0	2	0	2	0	0
Moscow borough	420534	0	0	3	0	3	0	1
Old Forge borough	420535	0	0	0	0	0	0	0
Olyphant borough	420536	0	0	7	0	7	0	2
Scranton city	420538	4	16	105	11	111	0	19
Taylor borough	420539	0	0	0	0	0	0	0
Throop borough	420540	0	0	0	0	0	0	0
Vandling borough	421748	0	0	0	0	0	0	0
Benton township	421749	0	0	0	0	0	0	0
Carbondale township	421750	0	0	0	0	0	0	0
Clifton township	421751	0	0	0	0	0	0	0
Covington township	422455	0	0	0	0	0	0	0
Elmhurst township	421752	0	0	0	0	0	0	0
Fell township	421753	0	0	1	0	1	0	0
Glenburn township	421754	0	0	0	0	0	0	0
Greenfield township	422456	0	0	0	0	0	0	0
Jefferson township	422457	0	0	0	0	0	0	0
La Plume township	422458	0	0	0	0	0	0	0
Madison township	421755	0	0	0	0	0	0	0
Newton township	421756	0	0	1	0	1	0	0
North Abington township	422460	0	0	0	0	0	0	0
Ransom township	420537	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>
Roaring Brook township	420999	0	0	0	0	0	0	0
Scott township	421757	0	0	0	0	0	0	0
South Abington township	421758	0	1	1	1	1	0	0
Spring Brook township	421759	0	0	0	0	0	0	0
Thornhurst township	422459	0	0	4	0	4	0	1
Waverly township	422453	0	0	1	0	1	0	1
West Abington township	421760	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	3	8	100	5	103	0	24
2 to 4 unit residential	1	6	25	5	27	0	1
other residential	0	0	0	0	0	0	0
non-residential	0	7	17	6	18	0	3
not reported	0	0	0	0	0	0	0

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

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

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

In this county 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 138 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_Gaz_cousubs_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_Gaz_unsd_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_Gaz_scsd_national.zip, https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx (used to match place names and codes; no table prints its values)

What this packet is and what the plan adds

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

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

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

OpenFEMA disclaimer

This product uses the Federal Emergency Management Agency's OpenFEMA API, but is not endorsed by FEMA. The Federal Government or FEMA cannot vouch for the data or analyses derived from these data after the data have been retrieved from the Agency's website(s).

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Cite this: Hazard Plain (2026). Lackawanna County, PA: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 42069). Automated baseline. <https://hazardplain.org/pa/42069/> 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