

York County, PA

Risk-assessment baseline packet

Unit **County area 42133** 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.

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).

Plan clock

Status	Approved, expires 2029-11-09	Plan	York County Hazard Mitigation Plan (FEMA plan 109077)
Approved	2024-11-10	Expires	2029-11-09
As of	2026-09-28	Days	1,138 days to expiry

What changed since your last plan (approved 2024-11-10)

New federal declarations	none (0 declaration rows; 0 counted incidents)	Storm Events records since approval	97 (data through 2026-06-30)
Repetitive loss now	FMA RL 13, SRL 26 (44 CFR 77.2); any definition: 170	Repeat-flood change	First release: no prior release to compare.

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

Plan status for every jurisdiction listed in this county: 73 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
York County	County	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-11-20
Cross Roads borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-08-12
Dallastown borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-03-10
Delta borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-01-28
Dillsburg borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-11-12
Dover borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-05-05
East Prospect borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-04
Fawn Grove borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-02-04
Felton borough	Organized Borough	Plan 109077 approved 2024-11-10, pending adoption here; not yet eligible	York County Hazard Mitigation Plan (FEMA plan 109077), pending adoption here	2024-11-10 by FEMA; not yet adopted here	2029-11-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Franklintown borough	Organized Borough	Plan 109077 approved 2024-11-10, pending adoption here; not yet eligible	York County Hazard Mitigation Plan (FEMA plan 109077), pending adoption here	2024-11-10 by FEMA; not yet adopted here	2029-11-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Glen Rock borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-03-19
Goldsboro borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-07-14

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Hallam borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-09
Hanover borough	Organized Borough	Plan 109077 approved 2024-11-10, pending adoption here; not yet eligible	York County Hazard Mitigation Plan (FEMA plan 109077), pending adoption here	2024-11-10 by FEMA; not yet adopted here	2029-11-09 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Jacobus borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-08-06
Jefferson borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-05-05
Lewisberry borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-03-03
Loganville borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-01-06
Manchester borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-03-11
Mount Wolf borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-10
New Freedom borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-09
New Salem borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-03
North York borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-06-10
Railroad borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-17
Red Lion borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-01-10
Seven Valleys borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-12-02
Shrewsbury borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-11-13
Spring Grove borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-05-19
Stewartstown borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-02
Wellsville borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-09-02
West York borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-02
Windsor borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-11-18

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Winterstown borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-08-12
Wrightsville borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-02
Yoe borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-03-04
York city	City	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-01-21
York Haven borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		
Yorkana borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-03-10
Carroll township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-08-11
Chanceford township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-03-10
Codorus township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-05
Conewago township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-06-03
Dover township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-11-25
East Hopewell township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-03-05
East Manchester township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-11-12
Fairview township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-09
Fawn township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-09
Franklin township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-11-13
Heidelberg township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-04-02
Hellam township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-19
Hopewell township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-11-08
Jackson township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-03
Lower Chanceford township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-03

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Lower Windsor township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-11-14
Manchester township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-11-12
Manheim township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-05-19
Monaghan township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-10-14
Newberry township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-17
North Codorus township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-03
North Hopewell township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-08-04
Paradise township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-03-10
Peach Bottom township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-08-06
Penn township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-16
Shrewsbury township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-04
Spring Garden township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-11-13
Springettsbury township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-01-09
Springfield township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-09
Warrington township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-11-15
Washington township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-16
West Manchester township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-19
West Manheim township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2025-03-12
Windsor township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-11-18
York township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,138		member approved 2024-12-10

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 High	Relatively High	\$65,336,707	\$320,916	\$3,318,159	\$68,975,782	140		
2	Hurricane	Relatively Moderate	Relatively High	\$13,597,540	\$1,195,793	\$476,569	\$15,269,902	1		
3	Earthquake	Relatively Low	Relatively Moderate	\$3,543,387		\$1,108,312	\$4,651,700			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
4	Heat Wave	Relatively Moderate	Relatively Moderate	\$2	\$5,604	\$4,301,471	\$4,307,078	11		
5	Cold Wave	Relatively Moderate	Relatively Moderate	\$1,181	\$38,780	\$3,099,246	\$3,139,207	5		
6	Strong Wind	Relatively High	Relatively High	\$815,464	\$49,414	\$2,160,965	\$3,025,843	521		Includes 23 High Wind records and 5 Strong Wind records, event types the NRI definition of this hazard leaves out.
7	Lightning	Relatively High	Relatively High	\$76,776		\$1,704,831	\$1,781,607	6		
8	Drought	Relatively Moderate	Relatively Moderate		\$1,656,506		\$1,656,506	16		
9	Winter Weather	Very High	Very High	\$63,594	\$58	\$1,376,427	\$1,440,079	75		
10	Tornado	Relatively Low	Relatively Low	\$1,137,776	\$880	\$256,305	\$1,394,960	15		
11	Ice Storm	Relatively Moderate	Relatively Moderate	\$37,265		\$152,836	\$190,100	7		
12	Hail	Very Low	Very Low	\$6,125	\$94,943	\$2,132	\$103,200	141		
13	Wildfire	Very Low	Very Low	\$30,709	\$11	\$3,759	\$34,480	1		

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	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
14	Landslide	Relatively Low	Relatively Low	\$16,031		\$1,408	\$17,439	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.
15	Avalanche	Very Low	Very Low	under \$1		\$69	\$69	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
	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.	4 of 108
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 108
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	108 of 108
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	87 of 108
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.	108 of 108
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	108 of 108

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	108 of 108
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.	108 of 108
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	108 of 108
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.	108 of 108
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.	108 of 108
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	108 of 108
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	108 of 108
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.	108 of 108
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 108
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 108
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.	105 of 108
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	108 of 108

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	5, 1997 to 2025 (5 zone-level)	2 days to 3 days (median 2 days); 4 with a recorded value	3 consecutive days, 1997-04-09 to 1997-04-11, 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	16, 1997 to 2026 (16 zone-level)	1 day to 183 days (median 56 days); 6 with a recorded value	183 days (about 6.0 months), 2024-11-19 to 2025-05-20, a run of 7 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)	164, 1955 to 2025	0.75 in to 4 in (median 1 in); 163 with a recorded value	4 in hail, 1980-04-09	Hail, 2009-06-10, \$3,000 property; \$0 crops (2009 dollars)	Event records naming member places: York city (13 records), York township (13 records), Hanover borough (12 records), Dover borough (9 records), Dover township (9 records), Dillsburg borough (6 records), Shrewsbury borough (6 records), Shrewsbury township (6 records), Wrightsville borough (6 records), Dallastown borough (4 records); and 19 more member places (see the XLSX file).	
Excessive Heat, Heat	heat index (narratives)	11, 1999 to 2025 (11 zone-level)	1 day to 4 days (median 2 days); 9 with a recorded value	4 consecutive days, 2006-07-31 to 2006-08-03, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Heat index: in event narratives only; local data required.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	1, 2003 to 2003 (1 zone-level)		Strongest recorded (records with damage, a wind speed or direct casualties first, then storm type, category and wind): Tropical Storm record, 2003-09-18 to 2003-09-19, damage not reported; NWS zone PAZ065 (YORK), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Storm Events files every zone of a storm's episode under the storm's event type and category, so a Hurricane (Typhoon) record, especially an inland or remnant one, does not by itself mean hurricane-force winds here; read the damage and wind columns.
Ice Storm	Sperry-Piltz (local data)	7, 1998 to 2008 (7 zone-level)		No damage reported in 7 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Ice thickness: in event narratives only; local data required.
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	140, 1996 to 2026 (19 zone-level)		Flash Flood, 2004-05-09, \$5,500,000 property; crops not reported (2004 dollars), 2 direct deaths		Event records naming member places: York city (13 records), York township (13 records), Felton borough (6 records), Dover borough (5 records), Dover township (5 records), East Prospect borough (5 records), Spring Grove borough (5 records), Hallam borough (4 records), Hanover borough (3 records), West Manheim township (3 records); and 25 more member places (see the XLSX file). Zone-level records (19) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage can be \$0 or blank even for a major flood, so the worst record here may not be the worst flood; compare FEMA Public Assistance by declaration in B1-d.
Debris Flow	none (count and damage)	0					Physical measure: in event narratives only; local data required.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	6, 1998 to 2025		Lightning, 2007-06-19, \$0 property; \$0 crops (2007 dollars), 1 direct death, 1 direct injury	Lightning, 2025-07-26, \$40,000 property; \$0 crops (2025 dollars)	Event records naming member places: Lewisberry borough (1 record), York city (1 record), York township (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)	28, 1996 to 2025 (28 zone-level)	35 kt (40 mph) to 60 kt (69 mph) (median 51 kt (59 mph)); 26 with a recorded value	60 kt (69 mph) estimated gust, High Wind, 2003-11-13, 1 direct death (reported for the zone); same speed and measurement basis also recorded on 2003-02-23; NWS zone PAZ065 (YORK), zone-level: may include parts of neighboring counties	High Wind, 2009-02-12, \$50,000 property; crops not reported, reported for the zone (2009 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	608, 1955 to 2026	35 kt (40 mph) to 87 kt (100 mph) (median 52 kt (60 mph)); 477 with a recorded value	87 kt (100 mph), measurement type not recorded, Thunderstorm Wind, 1995-04-09; same speed and measurement basis also recorded on 1983-07-21	Thunderstorm Wind, 2021-06-21, \$4,000,000 property; \$0 crops (2021 dollars)	Event records naming member places: York city (54 records), York township (54 records), Hanover borough (28 records), Dover borough (18 records), Dover township (18 records), Dillsburg borough (15 records), Stewartstown borough (14 records), Red Lion borough (12 records), West York borough (12 records), Spring Grove borough (11 records); and 31 more member places (see the XLSX file).	
Tornado	Enhanced Fujita (F before Feb 2007)	32, 1952 to 2023	F/EF0 to F/EF3 (median F/EF1); 32 with a recorded value	F3 tornado, 1952-04-05, 17.5 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 33 yd wide, \$2,500,000 property; crops not recorded (1952 dollars), 4 direct injuries		Event records naming member places: Dover borough (2 records), Dover township (2 records), Felton borough (2 records), Windsor borough (2 records), Windsor township (2 records), Dillsburg borough (1 record), Hallam borough (1 record), Hanover borough (1 record), Loganville borough (1 record), Red Lion borough (1 record); and 1 more member place (see the XLSX file).	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)	1, 2021 to 2021 (1 zone- level)		No damage reported in 1 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Acres burned: in event narratives only; local data required.
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall local)	75, 1996 to 2026 (75 zone- level)		Winter Weather, 2024-01-15, \$30,000 property; \$0 crops, reported for the zone (2024 dollars); NWS zone PAZ065 (YORK), 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.

Where a hazard names more than 10 member places, the table lists the 10 with the most records; every place is in the XLSX file, sheet "B1-c Extent".

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 rows21

Counted incidents16

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
2021-09-10	2021-08-31	DR-4618-PA	Major disaster	REMNANTS OF HURRICANE IDA	Hurricane	\$2,728,546.70		
2020-03-30	2020-01-20	DR-4506-PA	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$73,602,388.75		
2020-03-13	2020-01-20	EM-3441-PA	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4506
2016-03-23	2016-01-22	DR-4267-PA	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$2,137,976.07		
2014-02-06	2014-02-04	EM-3367-PA	Emergency	SEVERE WINTER STORM	Ice Storm	none found		
2012-10-29	2012-10-26	EM-3356-PA	Emergency	HURRICANE SANDY	Hurricane	none found		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	
						<i>federal share obligated, nominal dollars</i>	Flags Notes
2011-09-12	2011-09-03	DR-4030-PA	Major disaster	TROPICAL STORM LEE	Inland Flooding (primary); also designated: Hurricane	\$4,644,084.15	
2011-09-08	2011-09-03	EM-3340-PA	Emergency	REMNANTS OF TROPICAL STORM LEE	Inland Flooding (primary); also designated: Hurricane	none found	same incident as DR-4030
2010-04-16	2010-02-05	DR-1898-PA	Major disaster	SEVERE WINTER STORMS AND SNOWSTORMS	Winter Weather	\$1,468,917.96	
2005-09-10	2005-08-29	EM-3235-PA	Emergency	HURRICANE KATRINA	Hurricane: evacuation support, not a local hazard event; not counted	none found	
2004-09-19	2004-09-17	DR-1557-PA	Major disaster	TROPICAL DEPRESSION IVAN	Hurricane	\$250,389.99	
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	
2003-03-14	2003-02-14	EM-3180-PA	Emergency	SNOW	Winter Weather	\$566,281.16	
1999-09-18	1999-09-16	DR-1294-PA	Major disaster	HURRICANE FLOYD MAJOR DISASTER DECLARATIONS	Hurricane	\$15,846.18	
1996-01-21	1996-01-19	DR-1093-PA	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	none found	
1996-01-13	1996-01-06	DR-1085-PA	Major disaster	BLIZZARD OF 96	Winter Weather	none found	
1994-03-10	1994-01-04	DR-1015-PA	Major disaster	SEVERE WINTER STORMS	Winter Weather	none found	
1993-03-16	1993-03-13	EM-3105-PA	Emergency	SEVERE SNOWFALL & WINTER STORM	Winter Weather	none found	
1976-10-20	1976-10-20	DR-523-PA	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found	
1975-09-26	1975-09-26	DR-485-PA	Major disaster	SEVERE STORMS, HEAVY RAINS & FLOODING	Inland Flooding	none found	
1972-06-23	1972-06-23	DR-340-PA	Major disaster	TROPICAL STORM AGNES	Inland Flooding (primary); also designated: Hurricane	none found	

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

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

SOURCES

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

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

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

Statewide declarations

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	Flags	Notes
2003-08-23	2003-07-21	DR-1485-PA	Major disaster	SEVERE STORMS, TORNADOES, AND FLOODING	Inland Flooding; Tornado		
1959-01-23	1959-01-23	DR-89-PA	Major disaster	FLOODS	Inland Flooding		
1956-08-09	1956-08-09	DR-61-PA	Major disaster	STORM	Hazard not mapped (severe storm title names no single hazard); not counted		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	Flags	Notes
1956-05-21	1956-05-21	DR-58-PA	Major disaster	SEVERE STORM	Hazard not mapped (severe storm title names no single hazard); not counted		
1956-03-15	1956-03-15	DR-51-PA	Major disaster	FLOOD	Inland Flooding		
1955-08-20	1955-08-20	DR-40-PA	Major disaster	FLOODS & RAINS	Inland Flooding		

FEMA recorded these with designated area Statewide and no county. Listed on every county page in the state; not counted with county rows.

SOURCE

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

Previous occurrences by hazard, with explicit no-event rows

Hazard	Storm Events records <i>full period</i>	Since plan approval <i>records</i>	During plan review <i>records</i>	Last 5 years <i>records</i>	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Avalanche	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Coastal Flooding	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	5	1	0	1	0	0	1996 to 2026-06-30	
Drought	16	12	0	12	0	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		No Storm Events record; local data required (e.g., USGS).
Hail	164	2	6	14	0	0	1955 to 2026-06-30	
Heat Wave	11	2	0	2	0	0	1996 to 2026-06-30	
Hurricane	1	0	0	0	6	0	1996 to 2026-06-30	
Ice Storm	7	0	0	0	1	0	1996 to 2026-06-30	
Inland Flooding	140	19	0	19	5	0	1996 to 2026-06-30	
Landslide	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	6	1	0	1	0	0	1996 to 2026-06-30	
Strong Wind	636	54	16	118	0	0	1955 to 2026-06-30	Includes 23 High Wind records and 5 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	32	0	0	3	0	0	1950 to 2026-06-30	
Tsunami	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Volcanic Activity	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events

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
Wildfire	1	0	0	0	0	0	1996 to 2026-06-30	
Winter Weather	75	6	2	11	6	0	1996 to 2026-06-30	

SOURCES

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

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

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

Notable Storm Events records

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2024-11-19	Drought		\$0 property; \$0 crops, reported for the zone (2024 dollars)	0, 0	NWS zone PAZ065 (YORK), zone-level: may include parts of neighboring counties	new since last plan; within last 5 years	B1-c worst recorded: Drought
2024-01-15	Winter Weather		\$30,000 property; \$0 crops, reported for the zone (2024 dollars)	0, 0	NWS zone PAZ065 (YORK), zone-level: may include parts of neighboring counties	during plan review, check whether your last plan included it; within last 5 years	B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2007-06-19	Lightning		\$0 property; \$0 crops (2007 dollars)	1, 1	LEWISBERRY		deaths or injuries recorded
2006-07-31	Heat		damage not reported	0, 0	NWS zone PAZ065 (YORK), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat
2004-05-09	Flash Flood		\$5,500,000 property; crops not reported (2004 dollars)	2, 0	FELTON		deaths or injuries recorded
2003-11-13	High Wind	60 kt (69 mph) estimated gust	damage not reported	1, 0	NWS zone PAZ065 (YORK), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2003-09-18	Tropical Storm		damage not reported	0, 0	NWS zone PAZ065 (YORK), zone-level: may include parts of neighboring counties		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
1997-04-09	Cold/Wind Chill		property not reported; \$25,000,000 crops, reported for the zone (1997 dollars)	0, 0	NWS zone PAZ065 (YORK), zone-level: may include parts of neighboring counties		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
1995-04-09	Thunderstorm Wind	87 kt (100 mph), measurement type not recorded	damage not recorded (pre-1996 record)	0, 0	York to Northeast and		B1-c worst recorded: Thunderstorm Wind
1986-07-18	Thunderstorm Wind	speed not recorded	damage not recorded (pre-1996 record)	1, 15	location not recorded		deaths or injuries recorded

Direct deaths, injuries <i>indirect not counted</i>						
Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Location	Flags	Why listed
1980-04-09	Hail	4 in	damage not recorded (pre-1996 record)	0, 0 location not recorded		B1-c worst recorded: Hail
1952-04-05	Tornado	F3, 17.5 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 33 yd wide	\$2,500,000 property; crops not recorded (1952 dollars)	0, 4 location not recorded		B1-c worst recorded: Tornado

The full list is in the XLSX file, sheet "B1-d Storm Events history" (1,094 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

FEMA annualized frequency (modeled) <i>unit per row</i>							NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)			
Hazard	Unit	In plain terms	Descriptor	Descriptor basis	NRI period	Location	Note			
Avalanche	0.01 events per year	about 1 in 100 years	Possible	FEMA annualized frequency (modeled)	0	1994 to 2023 (30 years)	see B1-f	0.01 is NRI's minimum avalanche frequency for a county in an avalanche susceptibility zone; NRI records no avalanche here, so the descriptor reflects the floor, not local events.		
Coastal Flooding	events per year at a location (modeled)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.		
Cold Wave	1.16 event-days per year	about 1.16 days per year	Likely	event-days in 4 of 30 years, 1996 to 2025 (13.3%)	22	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 1.16 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 4 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.		

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
Drought	4.44	event-days per year	about 4.44 days per year	Likely	event-days in 5 of 30 years, 1996 to 2025 (16.7%)	154	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	NRI gives about 4.44 drought event-days a year here (its annualized frequency over 25.25 years; not its event count divided by the years), but Storm Events has a record in only 5 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.
Earthquake	0.00118	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 0.118%			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	2.96	events per year	about 2.96 per year	Highly likely	FEMA annualized frequency (modeled)	112.7 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	5.26	event-days per year	about 5.26 days per year	Likely	event-days in 6 of 30 years, 1996 to 2025 (20%)	79	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 5.26 heat wave event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 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.
Hurricane	0.0851	events per year	about 1 in 12 years	Possible	FEMA annualized frequency (modeled)	34	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	1.15	event-days per year	about 1.15 days per year	Likely	event-days in 6 of 30 years, 1996 to 2025 (20%)	78	1946-12-31 to 2014-02-12 (67 years)	countywide	NRI gives about 1.15 ice storm event-days a year here (its annualized frequency over 67 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.
Inland Flooding	3.46	event-days per year	about 3.46 days per year	Likely	event-days in 23 of 30 years, 1996 to 2025 (76.7%)	97	1996 to 2023 (28 years)	see B1-f	
Landslide	0.977	events per year (modeled)	about 0.98 per year	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	37	days per year with a strike	about 37 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	

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
Strong Wind	6.84	events per year	about 6.84 per year	Highly likely	FEMA annualized frequency (modeled)	260	1986 to 2023 (38 years)	countywide	
Tornado	0.574	events per year	about 0.57 per year	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	0.0000168	annual probability at a location	chance a given location in the county burns in a year: 0.00168%	Possible	Storm Events records in 1 of 30 years, 1996 to 2025 (3.33%)	not shown	modeled	see B1-f	Descriptor from Storm Events, not NRI: the NRI value is the chance at a location in the county, not how often the hazard affects the county.
Winter Weather	12.2	event-days per year	about 12.2 days per year	Likely	event-days in 26 of 30 years, 1996 to 2025 (86.7%)	232	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

Unit	Descriptor	Definition
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	69	30	2.3
Hail	2.00 in+	1996 to 2025	4	30	0.133
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	414	30	13.8
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	19	30	0.633
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	33	30	1.1
Tornado	EF0-1	1996 to 2025	13	30	0.433
Tornado	EF2-3	1996 to 2025	2	30	0.0667
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 rated of all	Risk score min NRI score, 0 to 100	Median	Max	Tracts by rating	Note
Avalanche	4 of 108	11.1	12.0	12.4	Very Low 4, Not Applicable 104	
Coastal Flooding	0 of 108				Not Applicable 108	
Cold Wave	108 of 108	21.9	35.4	51.6	Relatively Moderate 1, Relatively Low 107	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	87 of 108	67.2	84.5	96.5	Relatively Moderate 15, Relatively Low 47, Very Low 25, No Rating 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. Agriculture is all of NRI's expected annual loss for this hazard in the county, so the tract range above mostly reflects where crop and livestock value is, not where buildings and people are. Confirm locally.
Earthquake	108 of 108	17.9	50.2	78.5	Relatively Moderate 2, Relatively Low 82, Very Low 24	
Hail	108 of 108	1.2	8.5	44.7	Relatively Low 5, Very Low 103	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. Agriculture is 92% of NRI's expected annual loss for this hazard in the county, so the tract range above mostly reflects where crop and livestock value is, not where buildings and people are. Confirm locally.
Heat Wave	108 of 108	12.0	47.7	71.5	Relatively Moderate 21, Relatively Low 85, 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.
Hurricane	108 of 108	58.0	79.8	86.4	Relatively Moderate 64, Relatively Low 44	
Ice Storm	108 of 108	4.9	21.2	44.0	Relatively Low 6, Very Low 102	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	108 of 108	1.0	46.3	90.7	Relatively High 5, Relatively Moderate 45, Relatively Low 49, Very Low 9	
Landslide	108 of 108	9.4	66.7	94.6	Relatively Low 28, Very Low 80	
Lightning	108 of 108	22.2	58.1	81.3	Relatively High 1, Relatively Moderate 82, Relatively Low 25	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	108 of 108	26.2	60.0	80.8	Relatively Moderate 80, Relatively 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.
Tornado	108 of 108	5.1	24.3	35.2	Relatively Low 11, Very Low 97	
Tsunami	0 of 108				Not Applicable 108	
Volcanic Activity	0 of 108				Not Applicable 108	
Wildfire	105 of 108	19.2	47.9	80.5	Relatively Low 2, Very Low 103, No Rating 3	

Hazard	Tracts <i>rated of all</i>	Risk score min	Median	Max	Tracts by rating	Note
		<i>NRI score, 0 to 100</i>				
Winter Weather	108 of 108	53.8	85.3	94.7	Relatively High 86, Relatively Moderate 22	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
York County	County	Approved, expires 2029-11-09		\$782,826.71	0; 0	No NFIP community ID on this member's plan row. Includes \$149,201.80 for declarations not counted as hazard incidents (DR-4506-PA).
Cross Roads borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$9,768.27	0; 0	
Dallastown borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$71,058.59	15; 0	
Delta borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$15,735.27	7; 1	
Dillsburg borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$81,600.05	23; 1	
Dover borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$19,696.36	34; 3	
East Prospect borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	none found	12; 2	
Fawn Grove borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$14,451.77	4; 0	
Felton borough	Organized Borough	Plan 109077 approved 2024-11-10, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 6	\$34,489.24	13; no approved plan	
Franklintown borough	Organized Borough	Plan 109077 approved 2024-11-10, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$12,368.81	5; no approved plan	
Glen Rock borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 4	\$81,213.98	7; 0	

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Goldsboro borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 2, SRL 2; any 12	\$269,533.74	0; 0	
Hallam borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 1; any 4	\$10,026.34	17; 1	
Hanover borough	Organized Borough	Plan 109077 approved 2024-11-10, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$167,490.77	44; no approved plan	Includes \$16,831.77 for declarations not counted as hazard incidents (DR-4506-PA).
Jacobus borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 1	\$26,594.73	4; 1	
Jefferson borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$2,438.82	4; 0	
Lewisberry borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	none found	11; 0	
Loganville borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$18,260.25	11; 0	
Manchester borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$14,372.57	11; 1	
Mount Wolf borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 1	\$12,993.88	4; 0	
New Freedom borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$63,090.94	5; 0	
New Salem borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$6,678.15	8; 0	
North York borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$32,098.20	6; 0	
Railroad borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	none found	2; 1	
Red Lion borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$39,824.04	17; 2	
Seven Valleys borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 2	\$4,030.39	1; 0	
Shrewsbury borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$44,507.18	17; 0	
Spring Grove borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$65,608.55	17; 0	
Stewartstown borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$20,768.70	17; 0	
Wellsville borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$9,740.70	3; 0	

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
West York borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 1	\$20,005.18	14; 2	
Windsor borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 8	\$32,274.96	11; 1	
Winterstown borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	none found	5; 1	
Wrightsville borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 1	none found	15; 2	
Yoe borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$656,498.82	2; 1	
York city	City	Approved, expires 2029-11-09	FMA RL 0, SRL 1; any 4	\$270,431.69	81; 1	
York Haven borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 1, SRL 0; any 1	\$34,869.57	9; 0	
Yorkana borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	none found	3; 1	
Carroll township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 1	\$36,816.73	0; 0	
Chanceford township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 2	\$268,967.18	0; 0	
Codorus township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 2; any 3	\$74,564.30	0; 0	
Conewago township	Township	Approved, expires 2029-11-09	FMA RL 1, SRL 1; any 11	\$282,503.52	0; 0	
Dover township	Township	Approved, expires 2029-11-09	FMA RL 3, SRL 5; any 17	\$623,383.70	34; 3	
East Hopewell township	Township	Approved, expires 2029-11-09	FMA RL 1, SRL 0; any 1	\$82,928.53	0; 0	
East Manchester township	Township	Approved, expires 2029-11-09	FMA RL 1, SRL 0; any 3	\$246,925.49	0; 0	
Fairview township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 1; any 17	\$364,153.29	0; 0	
Fawn township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 1	\$37,587.94	0; 0	
Franklin township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 1	\$27,196.32	0; 0	
Heidelberg township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	none found	0; 0	

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Hellam township	Township	Approved, expires 2029-11-09	FMA RL 1, SRL 1; any 14	\$454,534.28	0; 0	
Hopewell township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$206,245.82	0; 0	
Jackson township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$38,478.20	0; 0	
Lower Chanceford township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 4	\$33,596.80	0; 0	
Lower Windsor township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 1; any 8	\$112,870.31	0; 0	
Manchester township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 1; any 3	\$233,375.54	11; 1	
Manheim township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$44,911.32	0; 0	
Monaghan township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 2	\$21,731.95	0; 0	
Newberry township	Township	Approved, expires 2029-11-09	FMA RL 2, SRL 5; any 11	\$303,877.45	0; 0	Includes \$3,602.68 for declarations not counted as hazard incidents (DR-4506-PA).
North Codorus township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 2	\$129,273.23	0; 0	
North Hopewell township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$84,674.87	0; 0	
Paradise township	Township	Approved, expires 2029-11-09	FMA RL 1, SRL 2; any 11	\$711,135.41	0; 0	
Peach Bottom township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$38,714.41	0; 0	
Penn township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$68,941.41	0; 0	
Shrewsbury township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$505,777.96	17; 0	
Spring Garden township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$97,560.63	0; 0	
Springettsbury township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 1; any 3	\$183,752.99	0; 0	
Springfield township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$708,824.80	0; 0	
Warrington township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 1; any 2	\$157,742.26	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>	
Washington township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 1; any 1	\$39,403.60	0; 0	
West Manchester township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 3	\$115,911.84	0; 0	Includes \$6,700.56 for declarations not counted as hazard incidents (DR-4506-PA).
West Manheim township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$56,018.23	7; 1	
Windsor township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$238,660.87	11; 1	
York township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 4	\$292,947.06	81; 1	

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

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

SOURCES

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

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

Local data required

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

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

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

Hazard	Building exposure	Agriculture exposure	Population exposed	EAL buildings	EAL agriculture	EAL population equivalence	EAL as % of exposure	Storm Events damage since 2024-11-10	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	\$182,411		under 1	under \$1		\$69	under 0.0001%				
Coastal Flooding											Not Applicable in NRI for this county

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 2024-11-10 <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
Cold Wave	\$94,400,053,906	\$335,956,552	456,310	\$1,181	\$38,780	\$3,099,246	under 0.0001%		\$0		
Drought		\$159,963,339			\$1,656,506		1.04% (agriculture)		\$0		NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$165,383,143,555		456,438	\$3,543,387		\$1,108,312	0.00214%				
Hail	\$94,400,053,906	\$335,956,552	456,310	\$6,125	\$94,943	\$2,132	under 0.0001%	\$0			
Heat Wave	\$94,400,053,906	\$335,956,552	456,310	\$2	\$5,604	\$4,301,471	under 0.0001%		\$0		
Hurricane	\$94,368,359,485	\$335,953,522	456,078	\$13,597,540	\$1,195,793	\$476,569	0.0144%				
Ice Storm	\$94,342,856,695		456,019	\$37,265		\$152,836	under 0.0001%				
Inland Flooding	\$94,368,165,047	\$9,342,992	5,346	\$65,336,707	\$320,916	\$3,318,159	n/a (see note)	\$0			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	\$3,251,119,497		17,322	\$16,031		\$1,408	0.000493%				
Lightning	\$94,400,053,906		456,310	\$76,776		\$1,704,831	under 0.0001%	\$40,000			
Strong Wind	\$94,400,053,906	\$335,956,552	456,310	\$815,464	\$49,414	\$2,160,965	0.000864%	\$287,000	\$28,000		Storm Events damage since the plan includes 3 zone-level Strong Wind records (\$28,000), an event type the NRI definition of this hazard leaves out.
Tornado	\$94,400,053,906	\$335,956,552	456,310	\$1,137,776	\$880	\$256,305	0.00121%				
Tsunami											Not Applicable in NRI for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$22,482,958,845	\$90,683,052	117,376	\$30,709	\$11	\$3,759	0.000137%				
Winter Weather	\$94,400,053,906	\$335,956,552	456,310	\$63,594	\$58	\$1,376,427	under 0.0001%		\$2,000		

Totals since 2024-11-10 (Storm Events through 2026-06-30): 72 county-coded records, 72 with a damage value recorded (including \$0), \$327,000; 25 zone-level records, 25 with a damage value recorded (including \$0), \$30,000 reported for the zone; Public Assistance on counted declarations none found (0 declarations, 0 with PA).

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

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

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

SOURCES

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)

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

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

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

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

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

Supports B2-a: context

County context

Measure	Value
Population	456,310
Building value (total, not at risk)	\$94,400,053,906
Agriculture value (total, not at risk)	\$335,956,552
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$88,025,462
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)	\$17,962,490
Social vulnerability rating	Very Low
Community resilience rating	Very High
NRI version	December 2025

FEMA's all-hazard expected annual loss total adds buildings, agriculture and population equivalence; the two parts are shown separately so the property figure is not read as including the statistical value of life.

SOURCE

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)

Supports B2-c: repetitive loss

Repetitive loss in this county, both definitions

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	13	Severe repetitive loss, FMA definition (44 CFR 77.2)	26
Repetitive loss, NFIP insurance definition	165	Severe repetitive loss, NFIP insurance definition	20

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	13	26	165	20	170	4	47
CONEWAGO, TOWNSHIP OF	1	1	11	0	11	0	3
DOVER, TOWNSHIP OF	3	5	15	4	17	2	5
EAST MANCHESTER, TOWNSHIP OF	1	0	3	0	3	0	2
FELTON, BOROUGH OF	0	0	6	0	6	0	1
FAIRVIEW, TOWNSHIP OF	0	1	17	1	17	0	4
GLEN ROCK, BOROUGH OF	0	0	4	0	4	0	1
GOLDSBORO, BOROUGH OF	2	2	12	1	12	0	6
HALLAM, BOROUGH OF	0	1	4	1	4	0	1
HELLAM, TOWNSHIP OF	1	1	13	0	14	1	8
JACOBUS, BOROUGH OF	0	0	1	0	1	0	0
LOWER CHANCEFORD, TOWNSHIP OF	0	0	4	0	4	0	1
MANCHESTER, TOWNSHIP OF	0	1	3	1	3	0	1
PARADISE, TOWNSHIP OF	1	2	10	1	11	1	1
SEVEN VALLEYS, BOROUGH OF	0	0	2	0	2	0	0
WEST YORK, BOROUGH OF	0	0	1	0	1	0	1
WINDSOR, BOROUGH OF	0	0	8	0	8	0	1
WRIGHTSVILLE, BOROUGH OF	0	0	1	0	1	0	0
YORK, CITY OF	0	1	3	0	4	0	1
YORK HAVEN, BOROUGH OF	1	0	1	0	1	0	0
MOUNT WOLF, BOROUGH OF	0	0	1	0	1	0	0
SPRINGETTSBURY, TOWNSHIP OF	0	1	3	1	3	0	2
YORK, TOWNSHIP OF	0	0	4	0	4	0	0
CODORUS, TOWNSHIP OF	0	2	3	2	3	0	0
WASHINGTON, TOWNSHIP OF	0	1	1	1	1	0	1
LOWER WINDSOR, TOWNSHIP OF	0	1	8	1	8	0	0
CARROLL, TOWNSHIP OF	0	0	1	0	1	0	0
CHANCEFORD, TOWNSHIP OF	0	0	2	0	2	0	0
EAST HOPEWELL, TOWNSHIP OF	1	0	1	0	1	0	0
FAWN, TOWNSHIP OF	0	0	1	0	1	0	0
FRANKLIN, TOWNSHIP OF	0	0	1	0	1	0	0
MONAGHAN, TOWNSHIP OF	0	0	2	0	2	0	2
NEWBERRY, TOWNSHIP OF	2	5	11	5	11	0	4
NORTH CODORUS, TOWNSHIP OF	0	0	2	0	2	0	0

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>
WARRINGTON, TOWNSHIP OF	0	1	2	1	2	0	0
WEST MANCHESTER, TOWNSHIP OF	0	0	3	0	3	0	1
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
Cross Roads borough	422209	0	0	0	0	0	0	0	
Dallastown borough	422739	0	0	0	0	0	0	0	
Delta borough	422211	0	0	0	0	0	0	0	
Dillsburg borough	420919	0	0	0	0	0	0	0	
Dover borough	422569	0	0	0	0	0	0	0	
East Prospect borough	422740	0	0	0	0	0	0	0	
Fawn Grove borough	422570	0	0	0	0	0	0	0	
Felton borough	420922	0	0	6	0	6	0	1	
Franklintown borough	422741	0	0	0	0	0	0	0	
Glen Rock borough	420924	0	0	4	0	4	0	1	
Goldsboro borough	420925	2	2	12	1	12	0	6	
Hallam borough	420926	0	1	4	1	4	0	1	
Hanover borough	422212	0	0	0	0	0	0	0	
Jacobus borough	420928	0	0	1	0	1	0	0	
Jefferson borough	422742	0	0	0	0	0	0	0	
Lewisberry borough	420929	0	0	0	0	0	0	0	
Loganville borough	422213	0	0	0	0	0	0	0	
Manchester borough	422747	0	0	0	0	0	0	0	
Mount Wolf borough	421021	0	0	1	0	1	0	0	
New Freedom borough	420932	0	0	0	0	0	0	0	
New Salem borough	422743	0	0	0	0	0	0	0	
North York borough	420933	0	0	0	0	0	0	0	
Railroad borough	420935	0	0	0	0	0	0	0	
Red Lion borough	422214	0	0	0	0	0	0	0	
Seven Valleys borough	420936	0	0	2	0	2	0	0	
Shrewsbury borough	422230	0	0	0	0	0	0	0	shared NFIP community; count covers the joint 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
Spring Grove borough	420938	0	0	0	0	0	0	0	
Stewartstown borough	422744	0	0	0	0	0	0	0	
Wellsville borough	420940	0	0	0	0	0	0	0	
West York borough	420941	0	0	1	0	1	0	1	
Windsor borough	420942	0	0	8	0	8	0	1	
Winterstown borough	422745	0	0	0	0	0	0	0	
Wrightsville borough	420943	0	0	1	0	1	0	0	
Yoe borough	420944	0	0	0	0	0	0	0	
York city	420945	0	1	3	0	4	0	1	
York Haven borough	420946	1	0	1	0	1	0	0	
Yorkana borough	422746	0	0	0	0	0	0	0	
Carroll township	422216	0	0	1	0	1	0	0	
Chanceford township	422217	0	0	2	0	2	0	0	
Codorus township	421142	0	2	3	2	3	0	0	
Conewago township	420918	1	1	11	0	11	0	3	
Dover township	420920	3	5	15	4	17	2	5	
East Hopewell township	422218	1	0	1	0	1	0	0	
East Manchester township	420921	1	0	3	0	3	0	2	
Fairview township	420923	0	1	17	1	17	0	4	
Fawn township	422219	0	0	1	0	1	0	0	
Franklin township	422220	0	0	1	0	1	0	0	
Heidelberg township	422221	0	0	0	0	0	0	0	
Hellam township	420927	1	1	13	0	14	1	8	
Hopewell township	422222	0	0	0	0	0	0	0	
Jackson township	422223	0	0	0	0	0	0	0	
Lower Chanceford township	420930	0	0	4	0	4	0	1	
Lower Windsor township	421187	0	1	8	1	8	0	0	
Manchester township	420931	0	1	3	1	3	0	1	
Manheim township	422224	0	0	0	0	0	0	0	
Monaghan township	422225	0	0	2	0	2	0	2	
Newberry township	422226	2	5	11	5	11	0	4	
North Codorus township	422227	0	0	2	0	2	0	0	
North Hopewell township	422228	0	0	0	0	0	0	0	
Paradise township	420934	1	2	10	1	11	1	1	
Peach Bottom township	422229	0	0	0	0	0	0	0	

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Penn township	421025	0	0	0	0	0	0	0	
Shrewsbury township	422230	0	0	0	0	0	0	0	shared NFIP community; count covers the joint community
Spring Garden township	420937	0	0	0	0	0	0	0	
Springettsbury township	421031	0	1	3	1	3	0	2	
Springfield township	422231	0	0	0	0	0	0	0	
Warrington township	422232	0	1	2	1	2	0	0	
Washington township	421150	0	1	1	1	1	0	1	
West Manchester township	422233	0	0	3	0	3	0	1	
West Manheim township	422234	0	0	0	0	0	0	0	
Windsor township	422235	0	0	0	0	0	0	0	
York township	421032	0	0	4	0	4	0	0	

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

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

SOURCES

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

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

County repeat-flood properties by occupancy group

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	12	22	142	17	147	4	44
2 to 4 unit residential	0	1	2	1	2	0	0
other residential	0	1	5	1	5	0	1
non-residential	1	2	16	1	16	0	2
not reported	0	0	0	0	0	0	0

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

SOURCES

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

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

FMA RL and FMA SRL are the Flood Mitigation Assistance definitions (44 CFR 77.2), the ones the FEMA Local Mitigation Planning Policy Guide cites; OpenFEMA's 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 3 properties are FMA repetitive loss but not NFIP repetitive loss, and 155 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_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_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/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). York County, PA: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-28; County area 42133). 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_42133. Preview: automated baseline.