

York County, PA

Risk-assessment baseline packet

County FIPS: 42133 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 2029-11-09. Plan: York County Hazard Mitigation Plan (FEMA plan 109077), approved 2024-11-10.

Since the plan was approved on 2024-11-10: no new hazard declaration and 97 NOAA Storm Events records; details under "What changed since your last plan".

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$68,975,782 a year), Hurricane (\$15,269,902) and Earthquake (\$4,651,700).

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; 42133 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.

CONTENTS

- 1. Summary and terms used, page 1
- 2. Plan clock, page 2
- 3. What changed since your last plan (approved 2024-11-10), page 2
- 4. B1-a: hazard identification, page 8
- 5. B1-b: hazard location, page 9
- 6. B1-c: hazard extent, page 10
- 7. B1-d: previous occurrences, page 12
- 8. B1-e: probability of future events, page 17
- 9. B1-f: hazards that vary across jurisdictions, page 20
- 10. B2-a and B2-b: vulnerability and potential impacts, page 25
- 11. B2-a: vulnerability (county context), page 27
- 12. B2-c: repetitive loss properties, page 27
- 13. Sources, what the plan adds, disclaimer and citation, page 31

Plan clock

Status:	Approved, expires 2029-11-09	Plan:	York County Hazard Mitigation Plan (FEMA plan 109077)
Approved:	2024-11-10	Days to expiry:	1,136
What changed since your last plan (approved 2024-11-10)			
New federal declarations:	none	Storm Events records since approval:	97 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 13, SRL 26 (44 CFR 77.2); any definition: 170	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: 73 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
York County	County	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction approved 2024-11-13

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Spring Grove borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction approved 2024-11-18
Winterstown borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		
Yorkana borough	Organized Borough	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction approved 2024-11-25

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
East Hopewell township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction approved 2024-12-03
Lower Windsor township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction approved 2024-12-17

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
North Codorus township	Township	Approved, expires 2029-11-09	York County Hazard Mitigation Plan (FEMA plan 109077)	2024-11-10	2029-11-09	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction 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	1,136		this jurisdiction approved 2024-12-10

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 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	n/a	\$1,108,312	\$4,651,700		Storm Events does not record earthquakes.
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 and 5 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
7	Lightning	Relatively High	Relatively High	\$76,776	n/a	\$1,704,831	\$1,781,607	6	
8	Drought	Relatively Moderate	Relatively Moderate	n/a	\$1,656,506	n/a	\$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	n/a	\$152,836	\$190,100	7	
12	Hail	Very Low	Very Low	\$6,125	\$94,943	\$2,132	\$103,200	141	

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
13	Wildfire	Very Low	Very Low	\$30,709	\$11	\$3,759	\$34,480	1	
14	Landslide	Relatively Low	Relatively Low	\$16,031	n/a	\$1,408	\$17,439	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
15	Avalanche	Very Low	Very Low	under \$1	n/a	\$69	\$69	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).

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

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

Local data needed: state and local landslide records (Storm Events records this hazard 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 237.21 (Very Low, 12.4); tract 234 (Very Low, 12.1); tract 237.22 (Very Low, 11.9)
Earthquake	tract 105.10 (Relatively Moderate, 78.5); tract 215 (Relatively Moderate, 78.5); tract 223 (Relatively Low, 77.1)
Hurricane	tract 105.10 (Relatively Moderate, 86.4); tract 215 (Relatively Moderate, 85.2); tract 102.20 (Relatively Moderate, 85.0)
Landslide	tract 237.21 (Relatively Low, 94.6); tract 240.01 (Relatively Low, 93.9); tract 237.22 (Relatively Low, 93.3)
Tornado	tract 105.10 (Relatively Low, 35.2); tract 102.20 (Relatively Low, 33.6); tract 215 (Relatively Low, 33.5)
Wildfire	tract 204.10 (Relatively Low, 80.5); tract 204.22 (Relatively Low, 71.1); tract 202.22 (Very Low, 63.3)

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 237.21 is Census Tract 237.21). 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	5 records, 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		Countywide (zone-level records).	
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	0					
Drought	U.S. Drought Monitor scale (D0 to D4)	16 records, 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		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)	164 records, 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 jurisdictions in the plan: 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 jurisdictions (see the Excel file).	
Excessive Heat, Heat	heat index (in event narratives)	11 records, 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		Countywide (zone-level records).	
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	1 record, 2003 (1 zone-level)		Strongest recorded: Tropical Storm record, 2003-09-18 to 2003-09-19, damage not reported; NWS zone PAZ065		Countywide (zone-level records).	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.

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Ice Storm	Sperry-Piltz ice scale (local data)	7 records, 1998 to 2008 (7 zone-level)		No damage reported in 7 records.		Countywide (zone-level records).	
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	140 records, 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 jurisdictions in the plan: 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 jurisdictions (see the Excel file). Zone-level records (19) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage is often \$0 or blank for floods, major ones included; FEMA Public Assistance by declaration (B1-d) shows which floods cost the most.
Debris Flow	none (count and damage only)	0					
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	6 records, 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 jurisdictions in the plan: Lewisberry borough (1 record), York city (1 record), York township (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)	28 records, 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	High Wind, 2009-02-12, \$50,000 property; crops not reported (zone total, 2009 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	608 records, 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 jurisdictions in the plan: 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 jurisdictions (see the Excel file).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Tornado	Enhanced Fujita (Fujita before Feb 2007)	32 records, 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 (whole path, pre-1996), 33 yd wide, \$2,500,000 property; crops not recorded (1952 dollars), 4 direct injuries		Event records naming jurisdictions in the plan: 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 jurisdiction (see the Excel file).	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).
Wildfire	acres burned (local data)	1 record, 2021 (1 zone-level)		No damage reported in 1 record.		Countywide (zone-level records).	
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	75 records, 1996 to 2026 (75 zone-level)		Winter Weather, 2024-01-15, \$30,000 property; \$0 crops (2024 dollars); NWS zone PAZ065		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: 21 declarations covering 16 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

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
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	no Public Assistance recorded	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	

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Notes
						<i>federal share obligated, nominal dollars</i>	
2014-02-06	2014-02-04	EM-3367-PA	Emergency	Severe Winter Storm	Ice Storm	no Public Assistance recorded	
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	\$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	no Public Assistance recorded	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	no Public Assistance recorded	
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	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	
1976-10-20	1976-10-20	DR-523-PA	Major disaster	Severe Storms & Flooding	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
2003-08-23	2003-07-21	DR-1485-PA	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado
1959-01-23	1959-01-23	DR-89-PA	Major disaster	Floods	Inland Flooding
1956-08-09	1956-08-09	DR-61-PA	Major disaster	Storm	Hazard not mapped (severe storm title names no single hazard); not counted
1956-05-21	1956-05-21	DR-58-PA	Major disaster	Severe Storm	Hazard not mapped (severe storm title names no single hazard); not counted
1956-03-15	1956-03-15	DR-51-PA	Major disaster	Flood	Inland Flooding
1955-08-20	1955-08-20	DR-40-PA	Major disaster	Floods & Rains	Inland Flooding

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

Previous occurrences by hazard, with explicit no-event rows

Sources: 2, 6, 7

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval records	In the 12 months before plan approval records	Last 5 years records	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</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
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		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
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 and 5 Strong Wind records.

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
Tornado	32	0	0	3	0	0	1950 to 2026-06-30	
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	

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
2024-11-19	Drought		\$0 property; \$0 crops (zone total, 2024 dollars)	0, 0	NWS zone PAZ065 (YORK), zone-level	new since last plan; within last 5 years	B1-c worst recorded: Drought
2024-01-15	Winter Weather		\$30,000 property; \$0 crops (zone total, 2024 dollars)	0, 0	NWS zone PAZ065 (YORK), zone-level	in the 12 months before plan approval; 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		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		B1-c worst recorded: High Wind and Strong Wind
2003-09-18	Tropical Storm		damage not reported	0, 0	NWS zone PAZ065 (YORK), zone-level		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
1997-04-09	Cold/Wind Chill		property not reported; \$25,000,000 crops (zone total, 1997 dollars)	0, 0	NWS zone PAZ065 (YORK), zone-level		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
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 (whole path, pre-1996), 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 Excel file, sheet "B1-d Storm Events history" (1,094 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	1.16	event-days per year	about 1.16 days per year	Likely	Storm Events event-days in 4 of 30 years, 1996 to 2025 (13.3%)	22	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	4.44	event-days per year	about 4.44 days per year	Likely	Storm Events event-days in 5 of 30 years, 1996 to 2025 (16.7%)	154	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
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	No descriptor (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	Storm Events event-days in 6 of 30 years, 1996 to 2025 (20%)	79	2005-11-12 to 2024-11-12 (19 years)	countywide	
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 in B1-d.
Ice Storm	1.15	event-days per year	about 1.15 days per year	Likely	Storm Events event-days in 6 of 30 years, 1996 to 2025 (20%)	78	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	3.46	event-days per year	about 3.46 days per year	Likely	Storm Events event-days in 23 of 30 years, 1996 to 2025 (76.7%)	97	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	0.977	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	
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	
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	
Winter Weather	12.2	event-days per year	about 12.2 days per year	Likely	Storm Events 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) 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	69	30	2.3
Hail	2.00 in+	1996 to 2025	4	30	0.133
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	414	30	13.8
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	19	30	0.633
Thunderstorm Wind (counted as NRI Strong Wind)	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

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	4 of 108	11.1	12.0	12.4	Very Low 4, Not Applicable 104
Cold Wave	108 of 108	21.9	35.4	51.6	Relatively Moderate 1, Relatively Low 107
Drought	87 of 108	67.2	84.5	96.5	Relatively Moderate 15, Relatively Low 47, Very Low 25, No Rating 21
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
Heat Wave	108 of 108	12.0	47.7	71.5	Relatively Moderate 21, Relatively Low 85, Very Low 2
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
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
Strong Wind	108 of 108	26.2	60.0	80.8	Relatively Moderate 80, Relatively Low 28
Tornado	108 of 108	5.1	24.3	35.2	Relatively Low 11, Very Low 97
Wildfire	105 of 108	19.2	47.9	80.5	Relatively Low 2, Very Low 103, No Rating 3
Winter Weather	108 of 108	53.8	85.3	94.7	Relatively High 86, Relatively Moderate 22

Drought: Agriculture is all of NRI's expected annual loss for this hazard in the county, so the tract range mostly reflects where crop and livestock value is.

Hail: Agriculture is 92% of NRI's expected annual loss for this hazard in the county, so the tract range mostly reflects where crop and livestock value is.

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, drought, 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 (crop and livestock value where a line above names agriculture).

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
York County	County	Approved, expires 2029-11-09		\$782,826.71	0 total; 0 since its plan	No NFIP community ID on this jurisdiction'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 total; 0 since its plan	
Dallastown borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$71,058.59	15 total; 0 since its plan	
Delta borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$15,735.27	7 total; 1 since its plan	
Dillsburg borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$81,600.05	23 total; 1 since its plan	
Dover borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$19,696.36	34 total; 3 since its plan	
East Prospect borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	12 total; 2 since its plan	
Fawn Grove borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$14,451.77	4 total; 0 since its plan	
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 total; 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 total; no approved plan	
Glen Rock borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 4	\$81,213.98	7 total; 0 since its plan	
Goldsboro borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 2, SRL 2; any 12	\$269,533.74	0 total; 0 since its plan	
Hallam borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 1; any 4	\$10,026.34	17 total; 1 since its plan	
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 total; 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 total; 1 since its plan	

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
Jefferson borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$2,438.82	4 total; 0 since its plan	
Lewisberry borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	11 total; 0 since its plan	
Loganville borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$18,260.25	11 total; 0 since its plan	
Manchester borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$14,372.57	11 total; 1 since its plan	
Mount Wolf borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 1	\$12,993.88	4 total; 0 since its plan	
New Freedom borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$63,090.94	5 total; 0 since its plan	
New Salem borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$6,678.15	8 total; 0 since its plan	
North York borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$32,098.20	6 total; 0 since its plan	
Railroad borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	2 total; 1 since its plan	
Red Lion borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$39,824.04	17 total; 2 since its plan	
Seven Valleys borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 2	\$4,030.39	1 total; 0 since its plan	
Shrewsbury borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$44,507.18	17 total; 0 since its plan	
Spring Grove borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$65,608.55	17 total; 0 since its plan	
Stewartstown borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$20,768.70	17 total; 0 since its plan	
Wellsville borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$9,740.70	3 total; 0 since its plan	
West York borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 1	\$20,005.18	14 total; 2 since its plan	
Windsor borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 8	\$32,274.96	11 total; 1 since its plan	
Winterstown borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	5 total; 1 since its plan	
Wrightsville borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 1	no Public Assistance recorded	15 total; 2 since its plan	

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
Yoe borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$656,498.82	2 total; 1 since its plan	
York city	City	Approved, expires 2029-11-09	FMA RL 0, SRL 1; any 4	\$270,431.69	81 total; 1 since its plan	
York Haven borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 1, SRL 0; any 1	\$34,869.57	9 total; 0 since its plan	
Yorkana borough	Organized Borough	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	3 total; 1 since its plan	
Carroll township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 1	\$36,816.73	0 total; 0 since its plan	
Chanceford township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 2	\$268,967.18	0 total; 0 since its plan	
Codorus township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 2; any 3	\$74,564.30	0 total; 0 since its plan	
Conewago township	Township	Approved, expires 2029-11-09	FMA RL 1, SRL 1; any 11	\$282,503.52	0 total; 0 since its plan	
Dover township	Township	Approved, expires 2029-11-09	FMA RL 3, SRL 5; any 17	\$623,383.70	34 total; 3 since its plan	
East Hopewell township	Township	Approved, expires 2029-11-09	FMA RL 1, SRL 0; any 1	\$82,928.53	0 total; 0 since its plan	
East Manchester township	Township	Approved, expires 2029-11-09	FMA RL 1, SRL 0; any 3	\$246,925.49	0 total; 0 since its plan	
Fairview township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 1; any 17	\$364,153.29	0 total; 0 since its plan	
Fawn township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 1	\$37,587.94	0 total; 0 since its plan	
Franklin township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 1	\$27,196.32	0 total; 0 since its plan	
Heidelberg township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan	
Hellam township	Township	Approved, expires 2029-11-09	FMA RL 1, SRL 1; any 14	\$454,534.28	0 total; 0 since its plan	
Hopewell township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$206,245.82	0 total; 0 since its plan	
Jackson township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$38,478.20	0 total; 0 since its plan	
Lower Chanceford township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 4	\$33,596.80	0 total; 0 since its plan	

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
Lower Windsor township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 1; any 8	\$112,870.31	0 total; 0 since its plan	
Manchester township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 1; any 3	\$233,375.54	11 total; 1 since its plan	
Manheim township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$44,911.32	0 total; 0 since its plan	
Monaghan township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 2	\$21,731.95	0 total; 0 since its plan	
Newberry township	Township	Approved, expires 2029-11-09	FMA RL 2, SRL 5; any 11	\$303,877.45	0 total; 0 since its plan	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 total; 0 since its plan	
North Hopewell township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$84,674.87	0 total; 0 since its plan	
Paradise township	Township	Approved, expires 2029-11-09	FMA RL 1, SRL 2; any 11	\$711,135.41	0 total; 0 since its plan	
Peach Bottom township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$38,714.41	0 total; 0 since its plan	
Penn township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$68,941.41	0 total; 0 since its plan	
Shrewsbury township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$505,777.96	17 total; 0 since its plan	
Spring Garden township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$97,560.63	0 total; 0 since its plan	
Springettsbury township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 1; any 3	\$183,752.99	0 total; 0 since its plan	
Springfield township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$708,824.80	0 total; 0 since its plan	
Warrington township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 1; any 2	\$157,742.26	0 total; 0 since its plan	
Washington township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 1; any 1	\$39,403.60	0 total; 0 since its plan	
West Manchester township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 3	\$115,911.84	0 total; 0 since its plan	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 total; 1 since its plan	

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
Windsor township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 0	\$238,660.87	11 total; 1 since its plan	
York township	Township	Approved, expires 2029-11-09	FMA RL 0, SRL 0; any 4	\$292,947.06	81 total; 1 since its plan	

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

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

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

Local data needed

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

- 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	Agriculture exposure	Population exposed	EAL buildings	EAL agriculture	Cost of expected deaths and injuries	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>FEMA's dollar value per year, 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	n/a	under 1	under \$1	n/a	\$69	under 0.0001%				
Cold Wave	\$94,400,053,906	\$335,956,552	456,310	\$1,181	\$38,780	\$3,099,246	under 0.0001%		\$0		
Drought	n/a	\$159,963,339	n/a	n/a	\$1,656,506	n/a	1.04% (agriculture)		\$0		NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$165,383,143,555	n/a	456,438	\$3,543,387	n/a	\$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	n/a	456,019	\$37,265	n/a	\$152,836	under 0.0001%				

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 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
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.
Landslide	\$3,251,119,497	n/a	17,322	\$16,031	n/a	\$1,408	0.000493%				
Lightning	\$94,400,053,906	n/a	456,310	\$76,776	n/a	\$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): a NOAA non-thunderstorm wind type, outside NRI's Strong Wind definition.
Tornado	\$94,400,053,906	\$335,956,552	456,310	\$1,137,776	\$880	\$256,305	0.00121%				
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: 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	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 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)	13	Severe repetitive loss, FMA definition (44 CFR 77.2)	26
Repetitive loss, NFIP insurance definition	165	Severe repetitive loss, NFIP insurance definition	20

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

Repeat-flood properties: county and state-level rows

Sources: 1, 4

Scope	RL, FMA <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
of which: Conewago township	1	1	11	0	11	0	3
of which: Dover township	3	5	15	4	17	2	5
of which: East Manchester township	1	0	3	0	3	0	2
of which: Felton borough	0	0	6	0	6	0	1

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
of which: Fairview township	0	1	17	1	17	0	4
of which: Glen Rock borough	0	0	4	0	4	0	1
of which: Goldsboro borough	2	2	12	1	12	0	6
of which: Hallam borough	0	1	4	1	4	0	1
of which: Hellam township	1	1	13	0	14	1	8
of which: Jacobus borough	0	0	1	0	1	0	0
of which: Lower Chanceford township	0	0	4	0	4	0	1
of which: Manchester township	0	1	3	1	3	0	1
of which: Paradise township	1	2	10	1	11	1	1
of which: Seven Valleys borough	0	0	2	0	2	0	0
of which: West York borough	0	0	1	0	1	0	1
of which: Windsor borough	0	0	8	0	8	0	1
of which: Wrightsville borough	0	0	1	0	1	0	0
of which: York city	0	1	3	0	4	0	1
of which: York Haven borough	1	0	1	0	1	0	0
of which: Mount Wolf borough	0	0	1	0	1	0	0
of which: Springettsbury township	0	1	3	1	3	0	2
of which: York township	0	0	4	0	4	0	0
of which: Codorus township	0	2	3	2	3	0	0
of which: Washington township	0	1	1	1	1	0	1
of which: Lower Windsor township	0	1	8	1	8	0	0
of which: Carroll township	0	0	1	0	1	0	0
of which: Chanceford township	0	0	2	0	2	0	0
of which: East Hopewell township	1	0	1	0	1	0	0
of which: Fawn township	0	0	1	0	1	0	0
of which: Franklin township	0	0	1	0	1	0	0
of which: Monaghan township	0	0	2	0	2	0	2
of which: Newberry township	2	5	11	5	11	0	4
of which: North Codorus township	0	0	2	0	2	0	0
of which: Warrington township	0	1	2	1	2	0	0
of which: West Manchester township	0	0	3	0	3	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>	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
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	

Jurisdiction	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
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	
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	

Jurisdiction	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
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	

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	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

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

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

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

In this county 3 properties are FMA repetitive loss but not NFIP repetitive loss, and 155 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-29T134039Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-29T162832Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)

3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)

5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-30, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)

6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-30, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-30, <https://www.weather.gov/gis/ZoneCounty>
8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-30, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_cousubs_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_cousubs_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_place_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_place_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_unsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scsd_national.zip), https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx (used to match place names and codes; no table prints its values)

What this packet is and what the plan adds

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

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

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

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).

Reuse, citation and corrections

Reuse and citation: Hazard Plain text and tables are licensed under Creative Commons Attribution 4.0 International (CC BY 4.0, <https://creativecommons.org/licenses/by/4.0/>); credit Hazard Plain and the release. The underlying federal data are public domain; OpenFEMA data are also subject to the OpenFEMA terms and conditions.

Cite this: Hazard Plain (2026). York County, PA: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 42133). Automated baseline. <https://hazardplain.org/pa/42133/> 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