

Lancaster County, PA

Risk-assessment baseline packet

County FIPS: 42071 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 2030-08-18. Plan: Lancaster County Hazard Mitigation Plan (FEMA plan 109076), approved 2025-08-19. Since the plan was approved on 2025-08-19: no new hazard declaration and 30 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 (\$110,633,482 a year), Hurricane (\$23,552,386) and Earthquake (\$9,646,392). 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; 42071 is this area.
D0 to D4: U.S. Drought Monitor categories, from abnormally dry (D0) to exceptional drought (D4).
F/EF, EFU: Fujita and Enhanced Fujita tornado ratings; EFU is an unrated tornado.
kt, CONUS: knots (1 kt is about 1.15 mph); the contiguous United States.
CFR: Code of Federal Regulations.
A4-a, E1-a: other items of FEMA's Local Mitigation Plan Review Tool (sources, and changes since the last plan).
Dollars: nominal (as reported, labeled with the year), not adjusted for inflation.

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Plan clock

Status:	Approved, expires 2030-08-18	Plan:	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)
Approved:	2025-08-19	Days to expiry:	1,418

What changed since your last plan (approved 2025-08-19)

New federal declarations:	none	Storm Events records since approval:	30 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 9, SRL 39 (44 CFR 77.2); any definition: 185	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: 85 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
Lancaster County	County	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-08-27
Adamstown borough	Organized Borough	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-09-02
Akron borough	Organized Borough	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-11-10
Christiana borough	Organized Borough	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-06-02
Columbia borough	Organized Borough	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-08-26
Denver borough	Organized Borough	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-11-10
East Petersburg borough	Organized Borough	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-11-06
Elizabethtown borough	Organized Borough	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-04-16
Ephrata borough	Organized Borough	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-07-13
Lancaster city	City	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-09-09
Lititz borough	Organized Borough	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-03-10
Manheim borough	Organized Borough	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-11-25
Marietta borough	Organized Borough	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-02-10

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Millersville borough	Organized Borough	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-10-14
Mount Joy borough	Organized Borough	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-09-08
Mountville borough	Organized Borough	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-10-13
New Holland borough	Organized Borough	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-10-07
Quarryville borough	Organized Borough	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-03-02
Strasburg borough	Organized Borough	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-09-09
Bart township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-12-03
Brecknock township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-07-14
Caernarvon township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-03-02
Clay township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-12-08
Colerain township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-02-02
Conestoga township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-12-02
Conoy township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-12-11
Drumore township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-03-05
Earl township	Township	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
East Cocalico township	Township	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
East Donegal township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-12-04
East Drumore township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-07-02
East Hempfield township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-09-03
East Lampeter township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-06-30
Eden township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-09-08
Elizabeth township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-10-13
Ephrata township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-11-04
Fulton township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-03-05
Lancaster township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-10-13
Leacock township	Township	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Little Britain township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-11-11
Manheim township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-10-27
Manor township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-10-06

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Martic township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-09-02
Mount Joy township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-04-20
Paradise township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-09-16
Penn township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-09-08
Pequea township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-08-20
Providence township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-02-02
Rapho township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-10-02
Sadsbury township	Township	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Salisbury township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-03-03
Strasburg township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-09-02
Upper Leacock township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-07-16
Warwick township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-10-01
West Cocalico township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-01-20
West Donegal township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-02-09
West Earl township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-02-23

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
West Hempfield township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-09-02
West Lampeter township	Township	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-09-08
Cocalico School District	Special District	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-09-22
Columbia Borough School District	Special District	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-09-18
Conestoga Valley School District	Special District	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Donegal School District	Special District	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Eastern Lancaster County School District	Special District	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Elizabethtown Area School District	Special District	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-11-25
Ephrata Area School District	Special District	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-09-25
Hempfield School District	Special District	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-11-11
Lampeter-Strasburg School District	Special District	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Lancaster School District	Special District	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2026-02-13

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
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Manheim Central School District	Special District	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Manheim Township School District	Special District	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Octorara Area School District	Special District	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Penn Manor School District	Special District	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Pequea Valley School District	Special District	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Solanco School District	Special District	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Warwick School District	Special District	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		
Bainbridge Water Authority	Special District	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
East Cocalico Township Water and Sewer Authority	Special District	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-08-26
Lancaster Area Sewer Authority	Special District	Approved, expires 2030-08-18	Lancaster County Hazard Mitigation Plan (FEMA plan 109076)	2025-08-19	2030-08-18	1,418		this jurisdiction approved 2025-09-03
Lancaster Bible College	Special District	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Lancaster County Conservation District	Special District	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Lancaster-Lebanon Intermediate Unit	Special District	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Manheim Area Water & Sewer	Special District	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Penn State Health	Special District	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Well Span Health	Special District	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	Lancaster County Hazard Mitigation Plan (FEMA plan 109076), pending adoption here	2025-08-19 by FEMA; not yet adopted here	2030-08-18 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

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	\$103,207,908	\$3,448,595	\$3,976,979	\$110,633,482	166	
2	Hurricane	Relatively High	Relatively High	\$16,380,873	\$6,625,142	\$546,371	\$23,552,386	1	
3	Earthquake	Relatively Moderate	Relatively Moderate	\$7,142,336	n/a	\$2,504,056	\$9,646,392		Storm Events does not record earthquakes.
4	Cold Wave	Relatively High	Relatively High	\$1,710	\$37,738	\$7,487,137	\$7,526,585	5	
5	Heat Wave	Relatively Moderate	Relatively Moderate	\$4	\$17,367	\$5,108,364	\$5,125,735	13	
6	Tornado	Relatively Moderate	Relatively Moderate	\$2,994,652	\$5,208	\$812,637	\$3,812,496	19	
7	Strong Wind	Relatively High	Relatively High	\$846,980	\$49,452	\$1,341,749	\$2,238,181	506	Includes 25 High Wind and 7 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
8	Winter Weather	Very High	Very High	\$383,095	\$712	\$1,848,470	\$2,232,277	73	
9	Lightning	Relatively High	Relatively High	\$77,117	n/a	\$2,093,624	\$2,170,741	6	
10	Drought	Relatively Moderate	Relatively Moderate	n/a	\$1,510,556	n/a	\$1,510,556	14	
11	Hail	Relatively Moderate	Relatively Moderate	\$138,954	\$899,188	\$2,381	\$1,040,522	159	

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
12	Ice Storm	Relatively Moderate	Relatively Moderate	\$196,538	n/a	\$273,963	\$470,502	7	
13	Wildfire	Very Low	Very Low	\$18,861	\$31	\$2,153	\$21,045	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Landslide	Relatively Low	Very Low	\$7,253	n/a	\$651	\$7,904	0	Declared 1 time; no Storm Events record of this type.
15	Avalanche	Very Low	Very Low	\$0	n/a	\$33	\$33	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 wildfire and landslide records (Storm Events records these hazards only in part).

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

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

Supports FEMA checklist item B1-b: hazard location

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

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

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

Source: 5

Hazard	Highest-rated census tracts <i>NRI risk rating, score 0 to 100</i>
Avalanche	tract 145.01 (Very Low, 8.5); tract 138 (Very Low, 7.6)
Earthquake	tract 118.05 (Relatively Moderate, 85.2); tract 4 (Relatively Moderate, 84.7); tract 1 (Relatively Moderate, 83.0)
Hurricane	tract 145.02 (Relatively High, 94.0); tract 146.03 (Relatively High, 92.6); tract 129 (Relatively High, 91.9)
Landslide	tract 145.01 (Relatively Low, 94.2); tract 145.02 (Relatively Low, 92.9); tract 102.01 (Relatively Low, 92.4)
Tornado	tract 129 (Relatively Moderate, 59.7); tract 118.05 (Relatively Low, 53.2); tract 141.01 (Relatively Low, 52.7)
Wildfire	tract 129 (Very Low, 61.7); tract 105.02 (Very Low, 59.9); tract 145.02 (Very Low, 59.4)

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 145.01 is Census Tract 145.01). 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)	14 records, 1997 to 2026 (14 zone-level)	1 day to 190 days (median 62 days); 5 with a recorded value	190 days (about 6.2 months), 2024-11-05 to 2025-05-13, 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)	192 records, 1960 to 2025	0.75 in to 2.75 in (median 1 in); 191 with a recorded value	2.75 in hail, 1980-04-09	Hail, 2009-05-29, \$5,000 property; crops not reported (2009 dollars)	Event records naming jurisdictions in the plan: Lancaster city (11 records), Lancaster township (11 records), Ephrata borough (9 records), Ephrata township (9 records), Lititz borough (9 records), Elizabethtown borough (8 records), Millersville borough (8 records), Manheim borough (5 records), Manheim township (5 records), Quarryville borough (5 records); and 11 more jurisdictions (see the Excel file).	
Excessive Heat, Heat	heat index (in event narratives)	13 records, 1999 to 2025 (13 zone-level)	1 day to 4 days (median 2 days); 11 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 PAZ066		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)	166 records, 1996 to 2025 (31 zone-level)		Flash Flood, 2000-06-25, \$4,000,000 property; crops not reported (2000 dollars)		Event records naming jurisdictions in the plan: Mount Joy borough (13 records), Mount Joy township (13 records), Little Britain township (12 records), Lancaster city (11 records), Lancaster township (11 records), Manheim borough (8 records), Manheim township (8 records), Mountville borough (4 records), Ephrata borough (3 records), Ephrata township (3 records); and 11 more jurisdictions (see the Excel file). Zone-level records (31) 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, 2000 to 2025		Lightning, 2014-08-31, \$0 property; \$0 crops (2014 dollars); 1 direct death, 1 direct injury	Lightning, 2000-09-12, \$20,000 property; crops not reported (2000 dollars)	Event records naming jurisdictions in the plan: Lancaster city (2 records), Lancaster township (2 records).	Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	32 records, 1996 to 2025 (32 zone-level)	33 kt (38 mph) to 71 kt (82 mph) (median 50 kt (58 mph)); 30 with a recorded value	71 kt (82 mph) measured gust, High Wind, 2003-11-13; NWS zone PAZ066	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)	618 records, 1955 to 2026	43 kt (49 mph) to 85 kt (98 mph) (median 52 kt (60 mph)); 482 with a recorded value	85 kt (98 mph), measurement type not recorded, Thunderstorm Wind, 1974-04-14	Thunderstorm Wind, 2017-02-25, \$5,000,000 property; \$0 crops (2017 dollars)	Event records naming jurisdictions in the plan: Lancaster city (38 records), Lancaster township (38 records), Manheim borough (21 records), Manheim township (21 records), Lititz borough (16 records), Ephrata borough (13 records), Ephrata township (13 records), Denver borough (12 records), Columbia borough (9 records), Millersville borough (9 records); and 20 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)	39 records, 1950 to 2026	F/EF0 to F/EF3 (median F/EF1); 39 with a recorded value	F3 tornado, 1950-11-04, 4.7 mi path length (whole path, pre-1996), 100 yd wide, \$250,000 property; crops not recorded (1950 dollars), 1 direct injury	Tornado, 2016-02-24, \$8,000,000 property; \$0 crops (2016 dollars)	Event records naming jurisdictions in the plan: Denver borough (1 record), Lancaster city (1 record), Lancaster township (1 record), Lititz borough (1 record), Manheim borough (1 record), Manheim township (1 record), Millersville borough (1 record), Quarryville borough (1 record), Strasburg borough (1 record), Strasburg township (1 record).	Before 1996 a tornado is listed once, under the county where it began, with its whole path's rating and length; from 1996 on, each county lists its own segment. Length is not used to rank tornadoes (see Methods).
Wildfire	acres burned (local data)	0					
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	73 records, 1996 to 2026 (73 zone-level)		Heavy Snow, 2026-02-22, \$15,000 property; \$0 crops (2026 dollars); NWS zone PAZ066		Countywide (zone-level records).	

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

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

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

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

Supports FEMA checklist item B1-d: previous occurrences

Federal declarations for this county: 22 declarations covering 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
2020-03-30	2020-01-20	DR-4506-PA	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$30,827,734.81	
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	\$1,940,864.81	
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	

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	
						<i>federal share obligated, nominal dollars</i>	Notes
2011-09-12	2011-09-03	DR-4030-PA	Major disaster	Tropical Storm Lee	Inland Flooding (primary); also designated: Hurricane	\$5,382,900.37	
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	\$1,611,677.40	
2006-06-30	2006-06-23	DR-1649-PA	Major disaster	Severe Storms, Flooding, and Mudslides	Inland Flooding; Landslide	PA not declared for this county	
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: designated for Hazard Mitigation only (no Public or Individual Assistance for this county); not counted	PA not declared for this county	
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	\$688,562.23	
1999-09-18	1999-09-16	DR-1294-PA	Major disaster	Hurricane Floyd Major Disaster Declarations	Hurricane	\$19,606.56	
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	
1973-07-17	1973-07-17	DR-400-PA	Major disaster	Severe Storms & 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	0	1	1	0	0	1996 to 2026-06-30	
Drought	14	3	7	10	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	192	0	2	11	0	0	1955 to 2026-06-30	
Heat Wave	13	0	3	4	0	0	1996 to 2026-06-30	
Hurricane	1	0	0	0	4	0	1996 to 2026-06-30	
Ice Storm	7	0	0	0	1	0	1996 to 2026-06-30	
Inland Flooding	166	2	39	47	7	0	1996 to 2026-06-30	
Landslide	0	0	0	0	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Lightning	6	0	1	1	0	0	1996 to 2026-06-30	
Strong Wind	650	19	28	110	0	0	1955 to 2026-06-30	Includes 25 High Wind and 7 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	39	2	1	5	0	0	1950 to 2026-06-30	
Wildfire	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	73	4	2	12	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
2026-02-22	Heavy Snow		\$15,000 property; \$0 crops (zone total, 2026 dollars)	0, 0	NWS zone PAZ066 (LANCASTER), zone-level	new since last plan; within last 5 years	B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2024-11-05	Drought		\$0 property; \$0 crops (zone total, 2024 dollars)	0, 0	NWS zone PAZ066 (LANCASTER), zone-level	in the 12 months before plan approval; within last 5 years	B1-c worst recorded: Drought
2014-08-31	Lightning		\$0 property; \$0 crops (2014 dollars)	1, 1	OAKRYN		deaths or injuries recorded
2011-09-07	Flood		\$800,000 property; \$0 crops (2011 dollars)	3, 0	DENVER to FALMOUTH		deaths or injuries recorded
2006-07-31	Heat		damage not reported	0, 0	NWS zone PAZ066 (LANCASTER), zone-level		B1-c worst recorded: Excessive Heat, Heat
2003-11-13	High Wind	71 kt (82 mph) measured gust	damage not reported	0, 0	NWS zone PAZ066 (LANCASTER), zone-level		B1-c worst recorded: High Wind and Strong Wind
2003-09-18	Tropical Storm		damage not reported	0, 0	NWS zone PAZ066 (LANCASTER), zone-level		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2000-06-25	Flash Flood		\$4,000,000 property; crops not reported (2000 dollars)	0, 0	COUNTYWIDE		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
1997-04-09	Cold/Wind Chill		damage not reported	0, 0	NWS zone PAZ066 (LANCASTER), zone-level		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
1994-11-01	Thunderstorm Wind	speed not recorded	damage not recorded (pre-1996 record)	1, 1	Pleasant Grove		deaths or injuries recorded
1974-04-14	Thunderstorm Wind	85 kt (98 mph), measurement type not recorded	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Thunderstorm Wind
1950-11-04	Tornado	F3, 4.7 mi path length (whole path, pre-1996), 100 yd wide	\$250,000 property; crops not recorded (1950 dollars)	0, 1	location not recorded		B1-c worst recorded: Tornado

The full list is in the Excel file, sheet "B1-d Storm Events history" (1,166 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	4.34	event-days per year	about 4.34 days per year	Likely	Storm Events event-days in 5 of 30 years, 1996 to 2025 (16.7%)	161	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.00153	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 0.153%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	2.71	events per year	about 2.71 per year	Highly likely	FEMA annualized frequency (modeled)	103.2 (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 7 of 30 years, 1996 to 2025 (23.3%)	80	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.0812	events per year	about 1 in 12 years	Possible	FEMA annualized frequency (modeled)	28	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	1.21	event-days per year	about 1.21 days per year	Likely	Storm Events event-days in 6 of 30 years, 1996 to 2025 (20%)	82	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	3.43	event-days per year	about 3.43 days per year	Likely	Storm Events event-days in 25 of 30 years, 1996 to 2025 (83.3%)	96	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	0.548	events per year (modeled)	about 0.55 per year	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	36	days per year with a strike	about 36 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	6.71	events per year	about 6.71 per year	Highly likely	FEMA annualized frequency (modeled)	256	1986 to 2023 (38 years)	countywide	
Tornado	0.588	events per year	about 0.59 per year	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Wildfire	0.0000115	annual probability at a location	chance a given location in the county burns in a year: 0.00115%		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No descriptor: no Storm Events record 1996 to 2025
Winter Weather	12.3	event-days per year	about 12.3 days per year	Likely	Storm Events event-days in 25 of 30 years, 1996 to 2025 (83.3%)	233	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	88	30	2.93
Hail	2.00 in+	1996 to 2025	1	30	0.0333
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	423	30	14.1
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	10	30	0.333
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	27	30	0.9
Tornado	EF0-1	1996 to 2025	16	30	0.533
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	2 of 116	7.6	8.0	8.5	Very Low 2, Not Applicable 114
Cold Wave	116 of 116	34.2	55.6	73.2	Relatively Moderate 92, Relatively Low 24
Drought	97 of 116	67.7	86.7	97.2	Relatively Moderate 20, Relatively Low 48, Very Low 29, No Rating 19
Earthquake	116 of 116	35.2	66.5	85.2	Relatively Moderate 16, Relatively Low 96, Very Low 4
Hail	116 of 116	11.3	39.3	90.2	Relatively High 2, Relatively Moderate 17, Relatively Low 41, Very Low 56
Heat Wave	116 of 116	23.8	53.8	75.6	Relatively Moderate 53, Relatively Low 63
Hurricane	116 of 116	68.6	82.0	94.0	Relatively High 7, Relatively Moderate 80, Relatively Low 29
Ice Storm	116 of 116	20.0	42.6	73.3	Relatively Moderate 1, Relatively Low 93, Very Low 22
Inland Flooding	116 of 116	16.1	73.3	97.3	Very High 4, Relatively High 37, Relatively Moderate 49, Relatively Low 26
Landslide	115 of 116	12.2	53.2	94.2	Relatively Low 17, Very Low 98, No Rating 1
Lightning	116 of 116	37.0	64.7	85.8	Relatively High 15, Relatively Moderate 88, Relatively Low 13
Strong Wind	116 of 116	28.1	51.2	80.4	Relatively Moderate 50, Relatively Low 66
Tornado	116 of 116	25.5	36.8	59.7	Relatively Moderate 1, Relatively Low 103, Very Low 12
Wildfire	111 of 116	19.4	45.9	61.7	Very Low 111, No Rating 5
Winter Weather	116 of 116	75.0	91.8	97.7	Very High 10, Relatively High 105, Relatively Moderate 1

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 86% 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
Lancaster County	County	Approved, expires 2030-08-18		\$1,841,187.65	0 total; 0 since its plan	No NFIP community ID on this jurisdiction's plan row.
Adamstown borough	Organized Borough	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	4 total; 0 since its plan	
Akron borough	Organized Borough	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 1	\$92,786.06	3 total; 0 since its plan	
Christiana borough	Organized Borough	Approved, expires 2030-08-18	FMA RL 0, SRL 1; any 1	\$16,786.28	9 total; 0 since its plan	
Columbia borough	Organized Borough	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 2	\$121,527.33	13 total; 0 since its plan	
Denver borough	Organized Borough	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 0	\$93,288.92	18 total; 0 since its plan	
East Petersburg borough	Organized Borough	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 0	\$31,048.64	4 total; 0 since its plan	
Elizabethtown borough	Organized Borough	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 1	\$230,775.47	15 total; 0 since its plan	
Ephrata borough	Organized Borough	Approved, expires 2030-08-18	FMA RL 1, SRL 1; any 8	\$172,917.03	25 total; 0 since its plan	
Lancaster city	City	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 0	\$684,049.69	63 total; 4 since its plan	
Lititz borough	Organized Borough	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 4	\$35,394.24	27 total; 0 since its plan	
Manheim borough	Organized Borough	Approved, expires 2030-08-18	FMA RL 2, SRL 1; any 14	\$285,637.72	35 total; 0 since its plan	
Marietta borough	Organized Borough	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 18	\$104,329.16	1 total; 0 since its plan	
Millersville borough	Organized Borough	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 0	\$72,121.68	20 total; 0 since its plan	
Mount Joy borough	Organized Borough	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 3	\$178,711.47	21 total; 0 since its plan	
Mountville borough	Organized Borough	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 0	\$8,627.28	10 total; 0 since its plan	
New Holland borough	Organized Borough	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 0	\$65,949.83	8 total; 1 since its plan	
Quarryville borough	Organized Borough	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 0	\$16,929.65	17 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>	
Strasburg borough	Organized Borough	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 0	\$23,155.75	14 total; 0 since its plan	
Bart township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 0	\$24,745.14	0 total; 0 since its plan	
Brecknock township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 2	\$49,751.20	0 total; 0 since its plan	
Caernarvon township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 1; any 1	\$59,530.18	0 total; 0 since its plan	
Clay township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 1	\$157,221.32	3 total; 0 since its plan	
Colerain township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 0	\$51,555.03	0 total; 0 since its plan	
Conestoga township	Township	Approved, expires 2030-08-18	FMA RL 1, SRL 3; any 5	\$33,437.65	3 total; 1 since its plan	
Conoy township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 3	\$100,509.62	0 total; 0 since its plan	
Drumore township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 2	\$40,589.34	0 total; 0 since its plan	
Earl township	Township	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$33,585.36	0 total; no approved plan	
East Cocalico township	Township	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 2	\$51,668.20	0 total; no approved plan	
East Donegal township	Township	Approved, expires 2030-08-18	FMA RL 1, SRL 0; any 3	\$51,165.60	0 total; 0 since its plan	
East Drumore township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 1	\$55,829.20	0 total; 0 since its plan	
East Hempfield township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 1; any 6	\$196,889.60	0 total; 0 since its plan	
East Lampeter township	Township	Approved, expires 2030-08-18	FMA RL 1, SRL 4; any 8	\$91,236.30	0 total; 0 since its plan	
Eden township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 0	\$31,538.66	5 total; 0 since its plan	
Elizabeth township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 2	\$42,264.78	0 total; 0 since its plan	
Ephrata township	Township	Approved, expires 2030-08-18	FMA RL 1, SRL 1; any 6	\$62,723.01	25 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>	
Fulton township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 1	\$44,814.03	0 total; 0 since its plan	
Lancaster township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 7; any 11	\$81,761.81	63 total; 4 since its plan	
Leacock township	Township	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	FMA RL 0, SRL 2; any 2	\$21,257.44	2 total; no approved plan	
Little Britain township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 0	\$247,181.25	13 total; 0 since its plan	
Manheim township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 1; any 3	\$254,512.90	35 total; 0 since its plan	
Manor township	Township	Approved, expires 2030-08-18	FMA RL 1, SRL 2; any 12	\$100,903.12	0 total; 0 since its plan	
Martic township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 10	\$77,359	0 total; 0 since its plan	
Mount Joy township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 1	\$60,541.92	21 total; 0 since its plan	
Paradise township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 1; any 6	\$29,910.52	2 total; 0 since its plan	
Penn township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 1	\$64,848.10	0 total; 0 since its plan	
Pequea township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 1; any 4	\$137,473.24	1 total; 0 since its plan	
Providence township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 0	\$57,973.46	0 total; 0 since its plan	
Rapho township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 3	\$562,325.70	0 total; 0 since its plan	
Sadsbury township	Township	Plan 109076 approved 2025-08-19, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$33,923.80	0 total; no approved plan	
Salisbury township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 0	\$119,781.14	0 total; 0 since its plan	
Strasburg township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 6; any 12	\$30,207.79	14 total; 0 since its plan	
Upper Leacock township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 1; any 5	\$36,266.84	0 total; 0 since its plan	
Warwick township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 1	\$66,695.43	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>	
West Cocalico township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 2	\$212,462.95	0 total; 0 since its plan	
West Donegal township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 0	\$165,387.62	0 total; 0 since its plan	
West Earl township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 1; any 2	\$48,218.94	0 total; 0 since its plan	
West Hempfield township	Township	Approved, expires 2030-08-18	FMA RL 0, SRL 0; any 3	\$60,960.42	0 total; 0 since its plan	
West Lampeter township	Township	Approved, expires 2030-08-18	FMA RL 1, SRL 4; any 10	\$46,255.58	0 total; 0 since its plan	

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

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

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

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

Local data needed

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

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

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

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

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2025-08-19 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Avalanche	\$0	n/a	under 1	\$0	n/a	\$33					building exposure is 0 in NRI
Cold Wave	\$117,869,606,183	\$1,940,563,310	552,633	\$1,710	\$37,738	\$7,487,137	under 0.0001%				
Drought	n/a	\$277,805,779	n/a	n/a	\$1,510,556	n/a	0.544% (agriculture)		\$0		NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$203,874,502,139	n/a	552,984	\$7,142,336	n/a	\$2,504,056	0.0035%				
Hail	\$117,869,606,183	\$1,940,563,310	552,633	\$138,954	\$899,188	\$2,381	0.000118%				
Heat Wave	\$117,869,606,183	\$1,940,563,310	552,633	\$4	\$17,367	\$5,108,364	under 0.0001%				
Hurricane	\$117,842,991,769	\$1,938,372,377	552,449	\$16,380,873	\$6,625,142	\$546,371	0.0139%				
Ice Storm	\$117,860,701,995	n/a	552,554	\$196,538	n/a	\$273,963	0.000167%				
Inland Flooding	\$117,817,149,642	\$104,155,441	7,426	\$103,207,908	\$3,448,595	\$3,976,979	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	\$2,620,370,325	n/a	13,135	\$7,253	n/a	\$651	0.000277%				
Lightning	\$117,869,606,183	n/a	552,633	\$77,117	n/a	\$2,093,624	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 2025-08-19 <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
Strong Wind	\$117,869,606,183	\$1,940,563,310	552,633	\$846,980	\$49,452	\$1,341,749	0.000719%	\$178,000	\$25,000		Storm Events damage since the plan includes 1 zone-level Strong Wind record (\$25,000): a NOAA non-thunderstorm wind type, outside NRI's Strong Wind definition.
Tornado	\$117,869,606,183	\$1,940,563,310	552,633	\$2,994,652	\$5,208	\$812,637	0.00254%	\$60,000			
Wildfire	\$18,780,226,919	\$351,430,755	97,341	\$18,861	\$31	\$2,153	0.0001%				
Winter Weather	\$117,869,606,183	\$1,940,563,310	552,633	\$383,095	\$712	\$1,848,470	0.000325%		\$15,000		

Totals since 2025-08-19 (Storm Events through 2026-06-30): 21 county-coded records, 21 with a damage value recorded (including \$0), \$238,000; 9 zone-level records, 9 with a damage value recorded (including \$0), \$40,000 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	552,633
Building value (total, not at risk)	\$117,869,606,183
Agriculture value (total, not at risk)	\$1,940,563,310
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$143,990,271
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)	\$25,998,567
Social vulnerability rating	Relatively Moderate
Community resilience rating	Relatively 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)	9	Severe repetitive loss, FMA definition (44 CFR 77.2)	39
Repetitive loss, NFIP insurance definition	181	Severe repetitive loss, NFIP insurance definition	34

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	9	39	181	34	185	3	52
of which: Christiana borough	0	1	1	1	1	0	0
of which: Columbia borough	0	0	2	0	2	0	0
of which: Conestoga township	1	3	5	3	5	0	2
of which: Conoy township	0	0	3	0	3	0	0
of which: East Cocalico township	0	0	2	0	2	0	2
of which: East Hempfield township	0	1	6	1	6	0	3
of which: Elizabethtown borough	0	0	1	0	1	0	1
of which: Ephrata borough	1	1	7	1	8	0	3
of which: Lancaster township	0	7	11	7	11	0	3
of which: Lititz borough	0	0	4	0	4	0	1
of which: Manheim borough	2	1	14	1	14	0	4
of which: Manheim township	0	1	3	1	3	0	0
of which: Manor township	1	2	12	1	12	0	4
of which: Marietta borough	0	0	18	0	18	0	7
of which: Mount Joy borough	0	0	3	0	3	0	2
of which: Washington borough (community ID not in plan data)	0	0	1	0	1	0	0
of which: West Lampeter township	1	4	9	3	10	1	1
of which: Leacock township	0	2	0	0	2	2	0
of which: West Earl township	0	1	2	1	2	0	0
of which: Martic township	0	0	10	0	10	0	0
of which: Ephrata township	1	1	6	1	6	0	1
of which: Brecknock township	0	0	2	0	2	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: Caernarvon township	0	1	1	1	1	0	0
of which: Clay township	0	0	1	0	1	0	1
of which: Drumore township	0	0	2	0	2	0	0
of which: Earl township	0	0	1	0	1	0	0
of which: East Donegal township	1	0	3	0	3	0	1
of which: East Drumore township	0	0	1	0	1	0	1
of which: East Lampeter township	1	4	8	4	8	0	3
of which: Elizabeth township	0	0	2	0	2	0	1
of which: Fulton township	0	0	1	0	1	0	0
of which: Mount Joy township	0	0	1	0	1	0	0
of which: Paradise township	0	1	6	1	6	0	1
of which: Penn township	0	0	1	0	1	0	1
of which: Pequea township	0	1	4	1	4	0	0
of which: Rapho township	0	0	3	0	3	0	1
of which: Strasburg township	0	6	12	5	12	0	1
of which: Upper Leacock township	0	1	5	1	5	0	2
of which: Warwick township	0	0	1	0	1	0	1
of which: West Cocalico township	0	0	2	0	2	0	2
of which: West Hempfield township	0	0	3	0	3	0	1
of which: Akron borough	0	0	1	0	1	0	0
Statewide, no county in FEMA's file	0	0	1	0	1	0	0

The statewide row counts properties FEMA's file gives with no county in this state; they are listed for reference and are not in this county's counts.

Repeat-flood properties by jurisdiction in the plan (NFIP community)

Sources: 1, 4

Jurisdiction	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
Adamstown borough	420541	0	0	0	0	0	0	0
Akron borough	422461	0	0	1	0	1	0	0
Christiana borough	420542	0	1	1	1	1	0	0
Columbia borough	420543	0	0	2	0	2	0	0
Denver borough	420546	0	0	0	0	0	0	0
East Petersburg borough	420549	0	0	0	0	0	0	0
Elizabethtown borough	420550	0	0	1	0	1	0	1
Ephrata borough	420551	1	1	7	1	8	0	3
Lancaster city	420552	0	0	0	0	0	0	0

Jurisdiction	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
Lititz borough	420554	0	0	4	0	4	0	1
Manheim borough	420555	2	1	14	1	14	0	4
Marietta borough	420558	0	0	18	0	18	0	7
Millersville borough	420559	0	0	0	0	0	0	0
Mount Joy borough	420561	0	0	3	0	3	0	2
Mountville borough	420560	0	0	0	0	0	0	0
New Holland borough	422709	0	0	0	0	0	0	0
Quarryville borough	420563	0	0	0	0	0	0	0
Strasburg borough	427790	0	0	0	0	0	0	0
Bart township	421761	0	0	0	0	0	0	0
Brecknock township	421762	0	0	2	0	2	0	1
Caernarvon township	421763	0	1	1	1	1	0	0
Clay township	421764	0	0	1	0	1	0	1
Colerain township	421765	0	0	0	0	0	0	0
Conestoga township	420544	1	3	5	3	5	0	2
Conoy township	420545	0	0	3	0	3	0	0
Drumore township	421766	0	0	2	0	2	0	0
Earl township	421767	0	0	1	0	1	0	0
East Cocalico township	420547	0	0	2	0	2	0	2
East Donegal township	421768	1	0	3	0	3	0	1
East Drumore township	421769	0	0	1	0	1	0	1
East Hempfield township	420548	0	1	6	1	6	0	3
East Lampeter township	421771	1	4	8	4	8	0	3
Eden township	421772	0	0	0	0	0	0	0
Elizabeth township	421773	0	0	2	0	2	0	1
Ephrata township	421208	1	1	6	1	6	0	1
Fulton township	421774	0	0	1	0	1	0	0
Lancaster township	420553	0	7	11	7	11	0	3
Leacock township	420958	0	2	0	0	2	2	0
Little Britain township	421775	0	0	0	0	0	0	0
Manheim township	420556	0	1	3	1	3	0	0
Manor township	420557	1	2	12	1	12	0	4
Martic township	421146	0	0	10	0	10	0	0
Mount Joy township	421776	0	0	1	0	1	0	0
Paradise township	421777	0	1	6	1	6	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>
Penn township	421778	0	0	1	0	1	0	1
Pequea township	421779	0	1	4	1	4	0	0
Providence township	421780	0	0	0	0	0	0	0
Rapho township	421781	0	0	3	0	3	0	1
Sadsbury township	421782	0	0	0	0	0	0	0
Salisbury township	421783	0	0	0	0	0	0	0
Strasburg township	421784	0	6	12	5	12	0	1
Upper Leacock township	421785	0	1	5	1	5	0	2
Warwick township	421786	0	0	1	0	1	0	1
West Cocalico township	421787	0	0	2	0	2	0	2
West Donegal township	421788	0	0	0	0	0	0	0
West Earl township	420959	0	1	2	1	2	0	0
West Hempfield township	421789	0	0	3	0	3	0	1
West Lampeter township	420566	1	4	9	3	10	1	1

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	7	21	119	18	122	2	36
2 to 4 unit residential	1	2	4	2	4	0	0
other residential	0	1	2	1	2	0	1
non-residential	1	15	56	13	57	1	15
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 1 property is FMA repetitive loss but not NFIP repetitive loss, and 173 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-29T134039Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
 2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-29T162832Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
 3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
 4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
 5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-30, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
 6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-30, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
 7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-30, <https://www.weather.gov/gis/ZoneCounty>
 8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-30, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_cousubs_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_place_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_elsd_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scscd_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)
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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

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Cite this: Hazard Plain (2026). Lancaster County, PA: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 42071). Automated baseline. <https://hazardplain.org/pa/42071/> 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