

Montgomery County, PA

Risk-assessment baseline packet

Unit **County area 42091** Release **2026-10** As of **2026-09-28** Storm Events data through **2026-06-30**

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

A starting point for the plan's risk assessment (FEMA Local Mitigation Plan Review Tool, Element B). It does not replace local data or FEMA review. Section headings say which FEMA review item each table supports; whether an item is satisfied is decided by the plan and its reviewers.

OPENFEMA DISCLAIMER

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

Plan clock

No county-level plan row in FEMA data

What changed since your last plan

Not available. No county-level plan row in FEMA data, so there is no approval date to count from.

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

Plan status for every jurisdiction listed in this county: 64 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" after these cover pages.

State plan status and tribal plans in this state: see the state page.

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Plan clock**Plan status for every jurisdiction listed in this county**

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Ambler borough	Organized Borough	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-04-18
Bridgeport borough	Organized Borough	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	Montgomery County Hazard Mitigation Plan (FEMA plan 108976), pending adoption here	2023-04-12 by FEMA; not yet adopted here	2028-04-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Bryn Athyn borough	Organized Borough	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2025-03-03
Collegeville borough	Organized Borough	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	Montgomery County Hazard Mitigation Plan (FEMA plan 108976), pending adoption here	2023-04-12 by FEMA; not yet adopted here	2028-04-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Conshohocken borough	Organized Borough	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-10-04
East Greenville borough	Organized Borough	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-07-10
Green Lane borough	Organized Borough	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-06-08
Hatboro borough	Organized Borough	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	Montgomery County Hazard Mitigation Plan (FEMA plan 108976), pending adoption here	2023-04-12 by FEMA; not yet adopted here	2028-04-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Hatfield borough	Organized Borough	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-06-14
Jenkintown borough	Organized Borough	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	Montgomery County Hazard Mitigation Plan (FEMA plan 108976), pending adoption here	2023-04-12 by FEMA; not yet adopted here	2028-04-11 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>		
Lansdale borough	Organized Borough	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-08-16
Narberth borough	Organized Borough	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-06-15
Norristown borough	Municipality	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-08-02
North Wales borough	Organized Borough	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	Montgomery County Hazard Mitigation Plan (FEMA plan 108976), pending adoption here	2023-04-12 by FEMA; not yet adopted here	2028-04-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Pennsburg borough	Organized Borough	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-06-13
Pottstown borough	Organized Borough	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-07-10
Red Hill borough	Organized Borough	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-06-14
Rockledge borough	Organized Borough	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	Montgomery County Hazard Mitigation Plan (FEMA plan 108976), pending adoption here	2023-04-12 by FEMA; not yet adopted here	2028-04-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Royersford borough	Organized Borough	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-06-13
Schwenksville borough	Organized Borough	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-07-13
Souderton borough	Organized Borough	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-07-10
Telford borough	Organized Borough	Approved, expires 2026-10-03	Bucks County Hazard Mitigation Plan (FEMA plan 107652)	2021-10-04	2026-10-03	5	FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Trappe borough	Organized Borough	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-07-11
West Conshohocken borough	Organized Borough	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	Montgomery County Hazard Mitigation Plan (FEMA plan 108976), pending adoption here	2023-04-12 by FEMA; not yet adopted here	2028-04-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Abington township	Township	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	Montgomery County Hazard Mitigation Plan (FEMA plan 108976), pending adoption here	2023-04-12 by FEMA; not yet adopted here	2028-04-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Cheltenham township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-07-19

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Douglass township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-06-20
East Norriton township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-06-27
Franconia township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	
Hatfield township	Township	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	Montgomery County Hazard Mitigation Plan (FEMA plan 108976), pending adoption here	2023-04-12 by FEMA; not yet adopted here	2028-04-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Horsham township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-06-26
Limerick township	Township	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	Montgomery County Hazard Mitigation Plan (FEMA plan 108976), pending adoption here	2023-04-12 by FEMA; not yet adopted here	2028-04-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Lower Frederick township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-07-25
Lower Gwynedd township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-08-22
Lower Merion township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-07-19
Lower Moreland township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-07-11
Lower Pottsgrove township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2025-02-03
Lower Providence township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-07-20
Lower Salford township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-09-06
Marlborough township	Township	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	Montgomery County Hazard Mitigation Plan (FEMA plan 108976), pending adoption here	2023-04-12 by FEMA; not yet adopted here	2028-04-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Montgomery township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-06-12
New Hanover township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-06-15
Perkiomen township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-07-05
Plymouth township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-07-10

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Salford township	Township	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	Montgomery County Hazard Mitigation Plan (FEMA plan 108976), pending adoption here	2023-04-12 by FEMA; not yet adopted here	2028-04-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Skippack township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-06-13
Springfield township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	
Towamencin township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2025-02-12
Upper Dublin township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-06-13
Upper Frederick township	Township	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	Montgomery County Hazard Mitigation Plan (FEMA plan 108976), pending adoption here	2023-04-12 by FEMA; not yet adopted here	2028-04-11 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Upper Gwynedd township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-06-20
Upper Hanover township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-06-13
Upper Merion township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-07-13
Upper Moreland township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-08-07
Upper Pottsgrove township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-10-16
Upper Providence township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-08-21
Upper Salford township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-06-13
West Norriton township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-06-13
West Pottsgrove township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-06-07
Whitemarsh township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-07-13
Whitpain township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2023-06-20
Worcester township	Township	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2025-05-21
Green Lane Marlborough Joint Authority	Special District	Approved, expires 2028-04-11	Montgomery County Hazard Mitigation Plan (FEMA plan 108976)	2023-04-12	2028-04-11	561	FEMA tracker shows a plan in progress	member approved 2025-11-19

							Days to expiry <i>negative = days since expiry</i>		
Jurisdiction	Type	Status	Plan	Approved	Expires			Update underway	Notes
Hatfield Township Municipal Authority	Special District	No approved plan on record	none	none	none			FEMA tracker shows a plan in progress	

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

Supports B1-a: hazards

Hazards NRI does not cover: check locally

- dam failure (incl. upstream dams)
 - levee failure
 - flash flood as its own subtype
 - ice jams
- debris flows
 - erosion (riverine and coastal)
 - land subsidence and sinkholes
 - expansive soils

The 18 National Risk Index hazards, ranked by expected annual loss (EAL)

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
1	Inland Flooding	Relatively High	Relatively High	\$167,371,688	\$57,029	\$25,157,078	\$192,585,796	284		
2	Cold Wave	Relatively High	Very High	\$788	\$15	\$29,891,903	\$29,892,706	35		Includes 3 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
3	Heat Wave	Relatively High	Relatively High	\$1,035	\$315	\$20,289,734	\$20,291,085	106		
4	Tornado	Relatively High	Relatively High	\$8,735,831	\$538	\$6,728,542	\$15,464,912	5		
5	Earthquake	Relatively Moderate	Relatively Moderate	\$11,166,318		\$3,285,897	\$14,452,215			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
6	Strong Wind	Very High	Very High	\$1,889,791	\$5,440	\$7,720,921	\$9,616,153	666		Includes 37 High Wind records and 92 Strong Wind records, event types the NRI definition of this hazard leaves out.
7	Hurricane	Relatively Moderate	Relatively Moderate	\$8,556,654	\$132,090	\$253,469	\$8,942,212	3		
8	Winter Weather	Very High	Very High	\$807,962	\$17	\$2,680,003	\$3,487,982	292		Includes 6 Sleet records, event types the NRI definition of this hazard leaves out.

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
9	Lightning	Relatively Moderate	Relatively Moderate	\$206,983		\$549,072	\$756,056	48		
10	Ice Storm	Relatively Moderate	Relatively High	\$86,644		\$443,174	\$529,818	5		
11	Drought	Relatively Low	Relatively Low		\$366,932		\$366,932	49		
12	Hail	Relatively Low	Relatively Low	\$149,677	\$40,184	\$44,287	\$234,147	116		
13	Wildfire	Very Low	Very Low	\$21,248	\$2	\$4,641	\$25,891	3		
14	Landslide	Relatively Low	Very Low	\$5,776		\$138	\$5,914	0		Declared 1 time; no Storm Events record of this type. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
15	Coastal Flooding	No Rating	No Expected Annual Losses	\$0		\$0	\$0	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Avalanche	Not Applicable	Not Applicable					0	NRI rates avalanche Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Tsunami	Not Applicable	Not Applicable					0	NRI rates tsunami Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
	Volcanic Activity	Not Applicable	Not Applicable					0	NRI rates volcanic activity Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.

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

SOURCES

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB),
https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
 NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Check your state hazard mitigation plan's hazard list for this county; explain any hazard you drop.

Supports B1-b: location

Where each hazard occurs

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Avalanche	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 219
Coastal 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.	0 of 219
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	219 of 219
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	69 of 219
Earthquake	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	219 of 219
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	219 of 219
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	219 of 219
Hurricane	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	219 of 219
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	219 of 219
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.	219 of 219
Landslide	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	217 of 219
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	219 of 219
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	219 of 219
Tornado	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	219 of 219
Tsunami	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 219
Volcanic Activity	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 219
Wildfire	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	188 of 219
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	219 of 219

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

Supports B1-c: extent

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

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Avalanche	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Coastal Flood, Storm Surge/ Tide	none in data (FIRM for depth)	0					Flood depth: see the FEMA Flood Insurance Rate Map.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	32, 1996 to 2022 (32 zone-level)	1 day to 16 days (median 2 days); 27 with a recorded value	16 consecutive days, 2003-01-14 to 2003-01-29, 1 direct death, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Wind chill: in event narratives only; local data required. Cold/Wind Chill records from May to September (a frost night, not a cold wave) are counted but not used for the longest run.
Frost/Freeze (outside NRI Cold Wave definition)	crop damage	3, 2007 to 2007 (3 zone-level)		No crop damage reported in 3 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Temperature: in event narratives only; local data required.
Drought	US Drought Monitor D-scale	49, 1997 to 2010 (49 zone-level)	1 day to 385 days (median 21 days); 19 with a recorded value	385 days (about 12.6 months), 2001-11-06 to 2002-11-25, a run of 13 consecutive Storm Events drought records, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					No Storm Events record; local data required (e.g., USGS).
Hail	hail size (inches)	132, 1957 to 2025	0.75 in to 1.75 in (median 1 in); 132 with a recorded value	1.75 in hail, 2023-06-06; same size also recorded on 1975-08-04, 1995-05-29, 1997-05-01, 2000-05-13, 2001-06-11, 2002-05-31, 2002-06-19, 2003-07-21, 2006-08-26		Event records naming member places: Pottstown borough (11 records), Collegeville borough (7 records), Skippack township (5 records), Green Lane borough (4 records), Pennsburg borough (4 records), Royersford borough (4 records), Souderton borough (4 records), Horsham township (3 records), East Greenville borough (2 records), Hatfield borough (2 records); and 11 more member places (see the XLSX file).	
Excessive Heat, Heat	heat index (narratives)	106, 1996 to 2025 (106 zone-level)	1 day to 10 days (median 2 days); 78 with a recorded value	10 consecutive days, 2002-08-11 to 2002-08-20, zone-level	Excessive Heat, 2012-06-20, \$10,000 property; \$0 crops, reported for the zone (2012 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	Heat index: in event narratives only; local data required. Heat records from November to March (unseasonable warmth, not a heat wave) are counted but not used for the longest run.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	3, 2008 to 2020 (3 zone- level)		Strongest recorded (records with damage, a wind speed or direct casualties first, then storm type, category and wind): Tropical Storm record, 2011-08-27 to 2011-08-28, \$100,000 property; \$0 crops, reported for the zone (2011 dollars); Storm Events area MONTGOMERY (legacy zone code PAZ068), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Storm Events files every zone of a storm's episode under the storm's event type and category, so a Hurricane (Typhoon) record, especially an inland or remnant one, does not by itself mean hurricane-force winds here; read the damage and wind columns.
Ice Storm	Sperry-Piltz (local data)	5, 1998 to 2022 (5 zone- level)		No damage reported in 5 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	Ice thickness: in event narratives only; local data required.
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	284, 1996 to 2026 (20 zone- level)		Flash Flood, 2001-06-16, \$33,500,000 property; crops not reported (2001 dollars), 1 direct death		Event records naming member places: Schwenksville borough (15 records), East Greenville borough (14 records), Pottstown borough (9 records), Pennsburg borough (8 records), Red Hill borough (7 records), Royersford borough (7 records), Narberth borough (4 records), Norristown borough (4 records), Ambler borough (3 records), Bridgeport borough (3 records); and 15 more member places (see the XLSX file). Zone-level records (20) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage can be \$0 or blank even for a major flood, so the worst record here may not be the worst flood; compare FEMA Public Assistance by declaration in B1-d.
Debris Flow	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	48, 1996 to 2023		Lightning, 2005-06-06, \$750,000 property; \$0 crops (2005 dollars)		Event records naming member places: Pottstown borough (4 records), Abington township (2 records), Franconia township (2 records), Green Lane borough (2 records), Limerick township (2 records), Worcester township (2 records), Ambler borough (1 record), Bridgeport borough (1 record), Cheltenham township (1 record), Conshohocken borough (1 record); and 8 more member places (see the XLSX file).	Storm Events lists lightning with damage or casualties; physical measure in event narratives only; local data required.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
High Wind and Strong Wind (outside NRI Strong Wind definition)	wind speed (kt and mph)	129, 1996 to 2025 (129 zone-level)	30 kt (35 mph) to 57 kt (66 mph) (median 40 kt (46 mph)); 102 with a recorded value	57 kt (66 mph), measurement type not recorded, High Wind, 1999-01-18; Storm Events area MONTGOMERY (legacy zone code PAZ068), zone-level: may include parts of neighboring counties	High Wind, 2003-09-18, \$7,000,000 property; crops not reported, reported for the zone (2003 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	634, 1956 to 2026	43 kt (49 mph) to 96 kt (110 mph) (median 50 kt (58 mph)); 542 with a recorded value	96 kt (110 mph) estimated gust, Thunderstorm Wind, 2019-05-29	Thunderstorm Wind, 2009-03-29, \$1,000,000 property; \$0 crops (2009 dollars)	Event records naming member places: Pottstown borough (39 records), Norristown borough (20 records), Narberth borough (16 records), Lansdale borough (13 records), Green Lane borough (11 records), Cheltenham township (10 records), Jenkintown borough (10 records), Collegeville borough (9 records), Abington township (8 records), Ambler borough (8 records); and 23 more member places (see the XLSX file).	
Tornado	Enhanced Fujita (F before Feb 2007)	19, 1956 to 2021	F/EF0 to F/EF3 (median F/EF1); 19 with a recorded value	F3 tornado, 1994-07-27, 2 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 100 yd wide, \$50,000,000 property; crops not recorded (1994 dollars), 3 direct deaths, 25 direct injuries		Event records naming member places: Norristown borough (2 records), Narberth borough (1 record), Souderton borough (1 record), Worcester township (1 record).	From 1996 on, tornado records are per-county segments and length is the path length within this county (NWS Instruction 10-1605); records before 1996 may give the whole path length, including the path outside this county, and before 1996 a tornado is listed once, under the county where it began, with the whole path's rating; counties farther along the path may not list it. Length is not used to rank tornadoes.
Tsunami	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					Physical measure: in event narratives only; local data required.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Wildfire	acres burned (local data)	3, 2002 to 2015 (3 zone- level)		Wildfire, 2015-04-06, \$1,000 property; \$0 crops, reported for the zone (2015 dollars); NWS zone PAZ103 (WESTERN MONTGOMERY), zone- level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Acres burned: in event narratives only; local data required.
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall local)	292, 1996 to 2026 (292 zone-level)		Winter Storm, 2010-02-09, \$5,000,000 property; \$0 crops, reported for the zone (2010 dollars); Storm Events area MONTGOMERY (legacy zone code PAZ068), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Snow depth: in event narratives only; local data required.

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

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records are placed with NWS zone-county files, which exist from 2020 on; an earlier record is placed by its zone number in the nearest later file only when its zone name matches that file, records from zones NWS renumbered are placed by name or left out, and a record whose zone is in no known file is left out of every count, so counts before 2020 can be low. Some current zones are also missing from the NWS files, so recent counts can be low too.

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

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

Supports B1-d: previous occurrences

Declaration rows29Counted incidents22

No county-level plan row in FEMA data, so there is no approval date to count from.

Federal disaster declarations for this county

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2021-09-10	2021-08-31	DR-4618-PA	Major disaster	REMNANTS OF HURRICANE IDA	Hurricane	\$22,277,462.69		
2020-03-30	2020-01-20	DR-4506-PA	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$93,658,986.24		
2020-03-13	2020-01-20	EM-3441-PA	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4506

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance		
						<i>federal share obligated, nominal dollars</i>	Flags	Notes
2016-03-23	2016-01-22	DR-4267-PA	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$3,586,583.87		
2014-02-06	2014-02-04	EM-3367-PA	Emergency	SEVERE WINTER STORM	Ice Storm	none found		
2013-01-10	2012-10-26	DR-4099-PA	Major disaster	HURRICANE SANDY	Hurricane	\$2,268,232.64		
2012-10-29	2012-10-26	EM-3356-PA	Emergency	HURRICANE SANDY	Hurricane	none found		same incident as DR-4099
2011-09-12	2011-09-03	DR-4030-PA	Major disaster	TROPICAL STORM LEE	Inland Flooding (primary); also designated: Hurricane	\$2,696,525.55		
2011-09-08	2011-09-03	EM-3340-PA	Emergency	REMNANTS OF TROPICAL STORM LEE	Inland Flooding (primary); also designated: Hurricane	none found		same incident as DR-4030
2011-09-03	2011-08-26	DR-4025-PA	Major disaster	HURRICANE IRENE	Hurricane	\$2,086,805.07		
2011-08-29	2011-08-26	EM-3339-PA	Emergency	HURRICANE IRENE	Hurricane	none found		same incident as DR-4025
2010-04-16	2010-02-05	DR-1898-PA	Major disaster	SEVERE WINTER STORMS AND SNOWSTORMS	Winter Weather	\$3,194,039.30		
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	none found		
2004-09-19	2004-09-17	DR-1557-PA	Major disaster	TROPICAL DEPRESSION IVAN	Hurricane	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		
2004-08-06	2004-07-27	DR-1538-PA	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	PA not declared for this county		
2003-03-14	2003-02-14	EM-3180-PA	Emergency	SNOW	Winter Weather	\$1,341,989.36		
2001-06-21	2001-06-15	DR-1383-PA	Major disaster	TROPICAL STORM ALLISON	Hurricane; Inland Flooding	\$1,253,311.36		
1999-09-18	1999-09-16	DR-1294-PA	Major disaster	HURRICANE FLOYD MAJOR DISASTER DECLARATIONS	Hurricane	\$1,471,546.54		
1996-09-13	1996-09-06	DR-1138-PA	Major disaster	FLOODING ASSOCIATED WITH TROPICAL DEPRESSION FRAN	Inland Flooding (primary); also designated: Hurricane	none found		
1996-01-21	1996-01-19	DR-1093-PA	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	PA not declared for this county		
1996-01-13	1996-01-06	DR-1085-PA	Major disaster	BLIZZARD OF 96	Winter Weather	none found		
1994-03-10	1994-01-04	DR-1015-PA	Major disaster	SEVERE WINTER STORMS	Winter Weather	none found		
1993-03-16	1993-03-13	EM-3105-PA	Emergency	SEVERE SNOWFALL & WINTER STORM	Winter Weather	none found		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
1973-07-17	1973-07-17	DR-400-PA	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1972-06-23	1972-06-23	DR-340-PA	Major disaster	TROPICAL STORM AGNES	Inland Flooding (primary); also designated: Hurricane	none found		
1971-09-18	1971-09-18	DR-312-PA	Major disaster	FLOODS	Inland Flooding	none found		
1965-08-18	1965-08-18	DR-206-PA	Major disaster	WATER SHORTAGE	Drought	none found		

County Public Assistance: applicants the FEMA record places in this county, including any state agencies FEMA files there; statewide rows are listed on the state page; federal share obligated, nominal dollars. Dollars are nominal (as reported), labeled with the year; not adjusted for inflation.

SOURCES

FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Statewide declarations

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	Flags	Notes
2003-08-23	2003-07-21	DR-1485-PA	Major disaster	SEVERE STORMS, TORNADOES, AND FLOODING	Inland Flooding; Tornado		
1959-01-23	1959-01-23	DR-89-PA	Major disaster	FLOODS	Inland Flooding		
1956-08-09	1956-08-09	DR-61-PA	Major disaster	STORM	Hazard not mapped (severe storm title names no single hazard); not counted		
1956-05-21	1956-05-21	DR-58-PA	Major disaster	SEVERE STORM	Hazard not mapped (severe storm title names no single hazard); not counted		
1956-03-15	1956-03-15	DR-51-PA	Major disaster	FLOOD	Inland Flooding		
1955-08-20	1955-08-20	DR-40-PA	Major disaster	FLOODS & RAINS	Inland Flooding		

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

SOURCE

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

Previous occurrences by hazard, with explicit no-event rows

Hazard	Storm Events records <i>full period</i>	Since plan approval <i>records</i>	During plan review <i>records</i>	Last 5 years <i>records</i>	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Avalanche	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Coastal Flooding	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	35			1	0		1996 to 2026-06-30	Includes 3 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
Drought	49			0	1		1996 to 2026-06-30	
Earthquake	0			0	0			No Storm Events record; local data required (e.g., USGS).

Hazard	Storm Events records <i>full period</i>	Since plan approval records	During plan review records	Last 5 years records	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Hail	132			16	0		1955 to 2026-06-30	
Heat Wave	106			9	0		1996 to 2026-06-30	
Hurricane	3			0	9		1996 to 2026-06-30	
Ice Storm	5			1	1		1996 to 2026-06-30	
Inland Flooding	284			30	9		1996 to 2026-06-30	
Landslide	0			0	1		1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Lightning	48			2	0		1996 to 2026-06-30	
Strong Wind	763			108	0		1955 to 2026-06-30	Includes 37 High Wind records and 92 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	19			0	0		1950 to 2026-06-30	
Tsunami	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Volcanic Activity	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	3			0	0		1996 to 2026-06-30	
Winter Weather	292			38	6		1996 to 2026-06-30	Includes 6 Sleet records, event types the NRI definition of this hazard leaves out.

SOURCES

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

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

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

Notable Storm Events records

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2019-05-29	Thunderstorm Wind	96 kt (110 mph) estimated gust	damage not reported	0, 0	HENDRICKS		B1-c worst recorded: Thunderstorm Wind
2011-08-27	Tropical Storm		\$100,000 property; \$0 crops, reported for the zone (2011 dollars)	0, 0	Storm Events area MONTGOMERY (legacy zone code PAZ068), zone-level: may include parts of neighboring counties		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2010-07-05	Excessive Heat		\$0 property; \$0 crops, reported for the zone (2010 dollars)	3, 0	Storm Events area MONTGOMERY (legacy zone code PAZ068), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2010-02-09	Winter Storm		\$5,000,000 property; \$0 crops, reported for the zone (2010 dollars)	0, 0	Storm Events area MONTGOMERY (legacy zone code PAZ068), zone-level: may include parts of neighboring counties		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2005-06-06	Lightning		\$750,000 property; \$0 crops (2005 dollars)	0, 0	FRANCONIA		B1-c worst recorded: Lightning
2003-01-14	Cold/Wind Chill		damage not reported	1, 0	Storm Events area MONTGOMERY (legacy zone code PAZ068), zone-level: may include parts of neighboring counties		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2002-08-11	Heat		damage not reported	0, 0	Storm Events area MONTGOMERY (legacy zone code PAZ068), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat
2001-11-06	Drought		\$0 property; crops not reported, reported for the zone (2001 dollars)	0, 0	Storm Events area MONTGOMERY (legacy zone code PAZ068), zone-level: may include parts of neighboring counties		B1-c worst recorded: Drought
2001-06-16	Flash Flood		\$33,500,000 property; crops not reported (2001 dollars)	1, 0	SOUTH PORTION		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
1999-09-16	Flash Flood		\$12,000,000 property; crops not reported (1999 dollars)	3, 8	COUNTYWIDE		deaths or injuries recorded
1999-01-18	High Wind	57 kt (66 mph), measurement type not recorded	property not reported; \$0 crops, reported for the zone (1999 dollars)	0, 0	Storm Events area MONTGOMERY (legacy zone code PAZ068), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
1994-07-27	Tornado	F3, 2 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 100 yd wide	\$50,000,000 property; crops not recorded (1994 dollars)	3, 25	location not recorded		deaths or injuries recorded

The full list is in the **XLSX file, sheet "B1-d Storm Events history" (1,739 rows).**

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records are placed with NWS zone-county files, which exist from 2020 on; an earlier record is placed by its zone number in the nearest later file only when its zone name matches that file, records from zones NWS renumbered are placed by name or left out, and a record whose zone is in no known file is left out of every count, so counts before 2020 can be low. Some current zones are also missing from the NWS files, so recent counts can be low too.

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
 NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
 FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

State-declared emergencies are not in federal data. Add them from your state emergency management agency.

FEMA's declaration data list no tribal or special-area declarations for this state.

Supports B1-e: probability

Probability: FEMA annualized frequency and descriptor per hazard

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Avalanche		events per year					1994 to 2023 (30 years)	see B1-f	Not Applicable in NRI for this county; no descriptor.
Coastal Flooding	0.012	events per year at a location (modeled)	about 0.012 per year at a given location in the county		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No Storm Events record of this hazard, 1996 to 2025; descriptor not assigned (the NRI value is the chance at a location in the county, not how often the hazard affects the county)
Cold Wave	0.894	event-days per year	about 0.894 days per year	Likely	event-days in 15 of 30 years, 1996 to 2025 (50%)	17	2005-11-12 to 2024-11-12 (19 years)	countywide	Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	4.1	event-days per year	about 4.1 days per year	Likely	event-days in 11 of 30 years, 1996 to 2025 (36.7%)	161	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	NRI gives about 4.1 drought event-days a year here (its annualized frequency over 25.25 years; not its event count divided by the years), but Storm Events has a record in only 11 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together.
Earthquake	0.00139	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.139%			not shown	modeled	see B1-f	Descriptor not assigned: the NRI value is the chance at a location in the county, not how often the hazard affects the county, and Storm Events does not record earthquakes.
Hail	2.59	events per year	about 2.59 per year	Highly likely	FEMA annualized frequency (modeled)	98.5 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	9.59	event-days per year	about 9.59 days per year	Likely	event-days in 24 of 30 years, 1996 to 2025 (80%)	115	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.0842	events per year	about 1 in 12 years	Possible	FEMA annualized frequency (modeled)	22	1851 to 2024 (Atlantic)	see B1-f	NRI counts hurricane and tropical storm tracks passing within storm-force wind range; federal declarations are counted separately in B1-d and need not match.

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
Ice Storm	1.44	event-days per year	about 1.44 days per year	Likely	event-days in 5 of 30 years, 1996 to 2025 (16.7%)	97	1946-12-31 to 2014-02-12 (67 years)	countywide	NRI gives about 1.44 ice storm event-days a year here (its annualized frequency over 67 years; not its event count divided by the years), but Storm Events has a record in only 5 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together.
Inland Flooding	5.71	event-days per year	about 5.71 days per year	Highly likely	event-days in 30 of 30 years, 1996 to 2025 (100%)	160	1996 to 2023 (28 years)	see B1-f	
Landslide	0.263	events per year (modeled)	about 1 in 4 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	34.6	days per year with a strike	about 34.6 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	6.99	events per year	about 6.99 per year	Highly likely	FEMA annualized frequency (modeled)	266	1986 to 2023 (38 years)	countywide	
Tornado	0.253	events per year	about 1 in 4 years	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Tsunami		annual probability at the most exposed location (used in place of a county value)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Volcanic Activity		annual probability				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Wildfire	0.0000461	annual probability at a location	chance a given location in the county burns in a year: 0.00461%	Likely	Storm Events records in 3 of 30 years, 1996 to 2025 (10%)	not shown	modeled	see B1-f	Descriptor from Storm Events, not NRI: the NRI value is the chance at a location in the county, not how often the hazard affects the county.
Winter Weather	12.4	event-days per year	about 12.4 days per year	Highly likely	event-days in 29 of 30 years, 1996 to 2025 (96.7%)	236	2005-11-12 to 2024-11-12 (19 years)	countywide	

FEMA annualized frequency (modeled) comes from the National Risk Index v1.20 (December 2025). It is not recorded events divided by years, and what it measures depends on the hazard. For most hazards it estimates how often the hazard affects this county each year: it counts events or event-days (drought, heat wave, cold wave, winter weather, ice storm and inland flooding are in days per year; lightning is the number of days per year with a recorded cloud-to-ground strike, from the NOAA Storm Prediction Center daily lightning climatology); it may count events in the surrounding area (hail, strong wind, tornado,

hurricane and ice storm use a 49 km grid and buffers) and is averaged over the county's area; and some hazards use a minimum value for places with no recorded event. Earthquake, wildfire and coastal flooding are different: FEMA computes them for each census block and averages them over the county, so the value is the chance (for coastal flooding, the modeled number of floods per year) at a location in the county, which is lower than the chance that the hazard strikes somewhere in the county. Earthquake is the chance of at least minor-damage shaking (U.S. Geological Survey model); wildfire is the chance that a location burns in a large fire (U.S. Forest Service burn probability); coastal flooding comes from FEMA flood zones and NOAA high-tide flooding, so it can be above 1 where high-tide flooding is frequent. Tsunami is the value at the county's most exposed location, from recorded events and modeled return periods. For these four hazards the packet gives no "1 in N years" and takes the descriptor from Storm Events (none for earthquake) unless the value is 1 or more a year. Landslide is a U.S. Geological Survey modeled county rate spread by slope susceptibility. Volcanic activity is the chance that a volcano affecting the county erupts in a year. Drought counts only extreme and exceptional drought (D3 and D4). Source: FEMA, National Risk Index Technical Documentation v1.20, sections 5.2.2 (Table 5), 5.2.3, 7.4, 10.4, 16.5, 17.1, 17.3.1, 17.5, 20.3.1, 21.4, 22.4 and 6 to 23.

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Descriptor scale used in this packet (defined per unit)

Unit	Descriptor	Definition
events per year	Highly likely	1 or more per year
events per year	Likely	about once in 1 to 10 years
events per year	Possible	about once in 10 to 100 years
events per year	Unlikely	less than once in 100 years
annual probability	Likely	10% to under 100% chance in a given year
annual probability	Possible	1% to under 10% chance in a given year
annual probability	Unlikely	under 1% chance in a given year
event-days (share of years)	Highly likely	event-days recorded in 90% or more of years
event-days (share of years)	Likely	event-days recorded in 10% to under 90% of years
event-days (share of years)	Possible	event-days recorded in some years but under 10% of years
lightning strike-days	Highly likely	cloud-to-ground strikes on 1 or more days per year

SOURCES
FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>

Intensity bands: historical frequency (Storm Events)

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Hail	1.00-1.99 in	1996 to 2025	59	30	1.97
Hail	2.00 in+	1996 to 2025	0	30	0
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	489	30	16.3
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	13	30	0.433
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	14	30	0.467
Tornado	EF0-1	1996 to 2025	4	30	0.133
Tornado	EF2-3	1996 to 2025	1	30	0.0333
Tornado	EF4-5	1996 to 2025	0	30	0

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Tornado	unrated (EFU)	1996 to 2025	0	30	0

Hail smaller than 1 inch is not counted: on 2010-01-05 the National Weather Service raised its severe-hail threshold from 3/4 inch to 1 inch, so smaller reports became less common after 2009 (NWS Service Change Notice 09-52). NRI hail frequency uses a 0.75 inch threshold.

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

Optional: future conditions. Not a required item in the 2025 FEMA Local Mitigation Planning Policy Guide; some states ask for it. The federal Climate Mapping for Resilience and Adaptation (CMRA) site gives county exposure to future climate conditions.

Supports B1-f: variation across the planning area

Range of census tract risk within the county

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Avalanche	0 of 219				Not Applicable 219	
Coastal Flooding	0 of 219				No Rating 219	
Cold Wave	219 of 219	15.5	69.5	91.6	Relatively High 50, Relatively Moderate 160, Relatively Low 6, Very Low 3	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Drought	69 of 219	66.9	81.0	91.8	Relatively Low 44, Very Low 25, No Rating 150	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. Agriculture is all of NRI's expected annual loss for this hazard in the county, so the tract range above mostly reflects where crop and livestock value is, not where buildings and people are. Confirm locally.
Earthquake	219 of 219	3.1	62.5	79.5	Relatively Moderate 7, Relatively Low 184, Very Low 28	
Hail	219 of 219	2.3	18.6	41.6	Relatively Low 4, Very Low 215	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Heat Wave	219 of 219	1.5	71.9	92.0	Relatively High 29, Relatively Moderate 157, Relatively Low 30, Very Low 3	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Hurricane	219 of 219	35.2	61.7	80.6	Relatively Moderate 3, Relatively Low 212, Very Low 4	
Ice Storm	219 of 219	0.1	26.0	57.9	Relatively Low 56, Very Low 163	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Inland Flooding	219 of 219	0.2	58.8	99.2	Very High 7, Relatively High 33, Relatively Moderate 92, Relatively Low 69, Very Low 18	
Landslide	217 of 219	10.5	50.0	92.8	Relatively Low 10, Very Low 207, No Rating 2	

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Lightning	219 of 219	0.2	17.1	43.6	Relatively Low 76, Very Low 143	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Strong Wind	219 of 219	1.2	70.9	92.6	Relatively High 31, Relatively Moderate 160, Relatively Low 26, Very Low 2	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Tornado	219 of 219	1.6	48.1	74.5	Relatively High 1, Relatively Moderate 60, Relatively Low 156, Very Low 2	
Tsunami	0 of 219				Not Applicable 219	
Volcanic Activity	0 of 219				Not Applicable 219	
Wildfire	188 of 219	18.5	33.1	69.4	Relatively Low 1, Very Low 187, No Rating 31	
Winter Weather	219 of 219	13.3	86.6	97.8	Very High 3, Relatively High 176, Relatively Moderate 38, Very Low 2	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.

Rated tracts only: No Rating (score 0.0), Not Applicable and Insufficient Data tracts are counted but not used for the minimum, median and maximum.

SOURCE

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

Per-member block (Starter, confirm locally)

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat- flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Ambler borough	Organized Borough	Approved, expires 2028-04-11	FMA RL 1, SRL 11; any 33	\$733,847.12	13; 0	
Bridgeport borough	Organized Borough	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	FMA RL 0, SRL 3; any 16	\$323,538.68	11; no approved plan	
Bryn Athyn borough	Organized Borough	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 1	\$43,111.81	5; 1	
Collegeville borough	Organized Borough	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	FMA RL 3, SRL 9; any 19	\$148,460.95	18; no approved plan	
Conshohocken borough	Organized Borough	Approved, expires 2028-04-11	FMA RL 1, SRL 4; any 16	\$382,712.49	4; 1	Includes \$25,720.77 for declarations not counted as hazard incidents (DR-4506-PA).

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
East Greenville borough	Organized Borough	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 0	\$16,356.81	20; 0	
Green Lane borough	Organized Borough	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 6	\$4,932.44	20; 5	
Hatboro borough	Organized Borough	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	FMA RL 2, SRL 11; any 22	\$241,107.27	5; no approved plan	Includes \$18,436.53 for declarations not counted as hazard incidents (DR-4506-PA).
Hatfield borough	Organized Borough	Approved, expires 2028-04-11	FMA RL 0, SRL 3; any 8	\$95,313.19	10; 0	Includes \$4,959.04 for declarations not counted as hazard incidents (DR-4506-PA).
Jenkintown borough	Organized Borough	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$19,611.06	10; no approved plan	Includes \$19,611.06 for declarations not counted as hazard incidents (DR-4506-PA).
Lansdale borough	Organized Borough	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 1	\$136,318.30	14; 0	
Narberth borough	Organized Borough	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 2	\$22,056.52	22; 1	
Norristown borough	Municipality	Approved, expires 2028-04-11	FMA RL 0, SRL 4; any 20	none found	26; 4	
North Wales borough	Organized Borough	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 1	\$17,368.66	9; no approved plan	
Pennsburg borough	Organized Borough	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 0	\$20,076.37	16; 1	
Pottstown borough	Organized Borough	Approved, expires 2028-04-11	FMA RL 0, SRL 2; any 23	\$322,441.59	63; 16	Includes \$98,403.15 for declarations not counted as hazard incidents (DR-4506-PA).
Red Hill borough	Organized Borough	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 0	\$16,310.11	8; 3	
Rockledge borough	Organized Borough	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$27,513.54	5; no approved plan	
Royersford borough	Organized Borough	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 1	\$67,736.05	18; 1	
Schwenksville borough	Organized Borough	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 1	\$516,277.53	19; 0	
Souderton borough	Organized Borough	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 0	\$31,966.68	10; 1	

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Telford borough	Organized Borough	Approved, expires 2026-10-03	FMA RL 0, SRL 0; any 0	\$61,388.07	3; 0	
Trappe borough	Organized Borough	Approved, expires 2028-04-11	FMA RL 1, SRL 1; any 1	\$36,188.70	5; 0	
West Conshohocken borough	Organized Borough	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 4	\$102,871.42	0; no approved plan	Includes \$48,190.14 for declarations not counted as hazard incidents (DR-4506-PA).
Abington township	Township	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	FMA RL 1, SRL 8; any 52	\$1,249,667.60	10; no approved plan	Includes \$70,280.16 for declarations not counted as hazard incidents (DR-4506-PA).
Cheltenham township	Township	Approved, expires 2028-04-11	FMA RL 0, SRL 12; any 47	\$3,174,726.75	13; 1	Includes \$68,496.48 for declarations not counted as hazard incidents (DR-4506-PA).
Douglass township	Township	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 2	\$82,759.01	0; 0	
East Norriton township	Township	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 2	\$206,310.67	2; 0	Includes \$15,875.64 for declarations not counted as hazard incidents (DR-4506-PA).
Franconia township	Township	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 0	\$86,738.67	7; 0	
Hatfield township	Township	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	FMA RL 3, SRL 3; any 11	\$103,296.29	10; no approved plan	
Horsham township	Township	Approved, expires 2028-04-11	FMA RL 1, SRL 4; any 22	\$1,311,278.43	9; 0	Includes \$18,905.40 for declarations not counted as hazard incidents (DR-4506-PA).
Limerick township	Township	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$441,128.45	11; no approved plan	Includes \$8,743.30 for declarations not counted as hazard incidents (DR-4506-PA).
Lower Frederick township	Township	Approved, expires 2028-04-11	FMA RL 0, SRL 3; any 7	\$289,560.38	0; 0	
Lower Gwynedd township	Township	Approved, expires 2028-04-11	FMA RL 1, SRL 1; any 4	\$265,880.59	0; 0	Includes \$15,706.22 for declarations not counted as hazard incidents (DR-4506-PA).
Lower Merion township	Township	Approved, expires 2028-04-11	FMA RL 1, SRL 5; any 37	\$1,437,362.59	0; 0	Includes \$109,969.38 for declarations not counted as hazard incidents (DR-4506-PA).
Lower Moreland township	Township	Approved, expires 2028-04-11	FMA RL 8, SRL 3; any 35	\$674,265.62	0; 0	Includes \$26,617.33 for declarations not counted as hazard incidents (DR-4506-PA).
Lower Pottsgrove township	Township	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 1	\$58,083.71	0; 0	

Member	Type	Plan status	Repetitive loss	Public Assistance matched	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>federal share obligated, nominal dollars</i>	<i>all years; since the member's plan</i>	
Lower Providence township	Township	Approved, expires 2028-04-11	FMA RL 7, SRL 11; any 29	\$279,710.68	0; 0	Includes \$16,060.22 for declarations not counted as hazard incidents (DR-4506-PA).
Lower Salford township	Township	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 3	\$348,226.82	0; 0	
Marlborough township	Township	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	FMA RL 2, SRL 3; any 10	\$336,271.48	0; no approved plan	
Montgomery township	Township	Approved, expires 2028-04-11	FMA RL 1, SRL 1; any 2	\$243,293.67	0; 0	Includes \$61,947.83 for declarations not counted as hazard incidents (DR-4506-PA).
New Hanover township	Township	Approved, expires 2028-04-11	FMA RL 1, SRL 2; any 9	\$97,604.10	8; 1	Includes \$6,894.24 for declarations not counted as hazard incidents (DR-4506-PA).
Perkiomen township	Township	Approved, expires 2028-04-11	FMA RL 2, SRL 7; any 18	\$212,147.99	0; 0	
Plymouth township	Township	Approved, expires 2028-04-11	FMA RL 0, SRL 2; any 5	\$366,073.70	0; 0	Includes \$51,014.32 for declarations not counted as hazard incidents (DR-4506-PA).
Salford township	Township	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$8,934.29	2; no approved plan	
Skippack township	Township	Approved, expires 2028-04-11	FMA RL 5, SRL 9; any 15	\$101,447.76	12; 1	
Springfield township	Township	Approved, expires 2028-04-11	FMA RL 0, SRL 4; any 13	\$976,589.41	0; 0	Includes \$11,701.90 for declarations not counted as hazard incidents (DR-4506-PA).
Towamencin township	Township	Approved, expires 2028-04-11	FMA RL 0, SRL 1; any 3	\$201,175.64	0; 0	Includes \$17,452.75 for declarations not counted as hazard incidents (DR-4506-PA).
Upper Dublin township	Township	Approved, expires 2028-04-11	FMA RL 0, SRL 9; any 28	\$1,277,468.33	0; 0	
Upper Frederick township	Township	Plan 108976 approved 2023-04-12, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$42,779.94	0; no approved plan	
Upper Gwynedd township	Township	Approved, expires 2028-04-11	FMA RL 1, SRL 0; any 2	\$136,317.01	0; 0	
Upper Hanover township	Township	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 1	\$111,200.29	0; 0	
Upper Merion township	Township	Approved, expires 2028-04-11	FMA RL 0, SRL 3; any 12	\$806,596.44	0; 0	Includes \$103,426 for declarations not counted as hazard incidents (DR-4506-PA).
Upper Moreland township	Township	Approved, expires 2028-04-11	FMA RL 2, SRL 7; any 31	\$617,590.85	0; 0	Includes \$8,244.78 for declarations not counted as hazard incidents (DR-4506-PA).

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Upper Pottsgrove township	Township	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 0	\$151,131.33	0; 0	
Upper Providence township	Township	Approved, expires 2028-04-11	FMA RL 16, SRL 26; any 64	\$905,693.63	0; 0	
Upper Salford township	Township	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 0	\$40,178.87	0; 0	
West Norriton township	Township	Approved, expires 2028-04-11	FMA RL 15, SRL 47; any 85	\$289,053.08	0; 0	
West Pottsgrove township	Township	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 0	\$51,235.32	0; 0	
Whitemarsh township	Township	Approved, expires 2028-04-11	FMA RL 9, SRL 17; any 49	\$815,146.17	0; 0	Includes \$18,512.87 for declarations not counted as hazard incidents (DR-4506-PA).
Whitpain township	Township	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 7	\$245,585.57	0; 0	
Worcester township	Township	Approved, expires 2028-04-11	FMA RL 0, SRL 0; any 1	none found	6; 0	

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

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

SOURCES

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

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

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

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

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

Local data required

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

No county-level plan row in FEMA data, so there is no approval date to count from.

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

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

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since plan <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Avalanche											Not Applicable in NRI for this county
Coastal Flooding	\$78,250,276		227	\$0		\$0	0%				
Cold Wave	\$232,274,288,981	\$45,556,132	856,020	\$788	\$15	\$29,891,903	under 0.0001%				
Drought		\$31,630,873			\$366,932		1.16% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$394,557,271,394		856,553	\$11,166,318		\$3,285,897	0.00283%				
Hail	\$232,274,288,981	\$45,556,132	856,020	\$149,677	\$40,184	\$44,287	under 0.0001%				
Heat Wave	\$232,274,288,981	\$45,556,132	856,020	\$1,035	\$315	\$20,289,734	under 0.0001%				
Hurricane	\$232,221,821,556	\$45,556,132	855,714	\$8,556,654	\$132,090	\$253,469	0.00368%				
Ice Storm	\$232,270,296,921		855,999	\$86,644		\$443,174	under 0.0001%				
Inland Flooding	\$232,217,634,699	\$1,085,017	15,903	\$167,371,688	\$57,029	\$25,157,078	n/a (see note)				NRI counts the full building value of any census block with some flood loss; this is not the value of buildings in the floodplain. Use local FIRM overlays for B2-a/B2-b. EAL as % of exposure: n/a.
Landslide	\$4,351,956,908		14,878	\$5,776		\$138	0.000133%				
Lightning	\$232,274,288,981		856,020	\$206,983		\$549,072	under 0.0001%				
Strong Wind	\$232,274,288,981	\$45,556,132	856,020	\$1,889,791	\$5,440	\$7,720,921	0.000814%				
Tornado	\$232,274,288,981	\$45,556,132	856,020	\$8,735,831	\$538	\$6,728,542	0.00376%				
Tsunami											Not Applicable in NRI for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$10,752,742,457	\$5,694,339	58,436	\$21,248	\$2	\$4,641	0.000198%				
Winter Weather	\$232,274,288,981	\$45,556,132	856,020	\$807,962	\$17	\$2,680,003	0.000348%				

Totals since the plan: not available. No county-level plan row in FEMA data, so there is no approval date to count from.

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

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

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

SOURCES

FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Supports B2-a: context

County context

Measure	Value
Population	856,020
Building value (total, not at risk)	\$232,274,288,981
Agriculture value (total, not at risk)	\$45,556,132
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$199,602,958
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)	\$97,048,860
Social vulnerability rating	Very Low
Community resilience rating	Very High
NRI version	December 2025

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

SOURCE

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

Supports B2-c: repetitive loss

Repetitive loss in this county, both definitions

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	84	Severe repetitive loss, FMA definition (44 CFR 77.2)	236
Repetitive loss, NFIP insurance definition	740	Severe repetitive loss, NFIP insurance definition	200

Your state NFIP coordinator's list may use the NFIP insurance definition, so its counts can be higher.

SOURCES

FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

Repeat-flood properties: county and state-level rows

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
County total	84	236	740	200	784	47	257
ABINGTON, TOWNSHIP OF	1	8	52	8	52	0	13
CHELTENHAM, TOWNSHIP OF	0	12	47	12	47	0	11
HATBORO, BOROUGH OF	2	11	20	9	22	2	8
HATFIELD, BOROUGH OF	0	3	8	3	8	0	5
HATFIELD, TOWNSHIP OF	3	3	11	3	11	0	5
HORSHAM, TOWNSHIP OF	1	4	22	4	22	0	7
LOWER MERION, TOWNSHIP OF	1	5	36	4	37	1	15
LOWER MORELAND, TOWNSHIP OF	8	3	35	3	35	0	6
LOWER PROVIDENCE, TOWNSHIP OF	7	11	28	10	29	1	2
NORTH WALES, BOROUGH OF	0	0	1	0	1	0	0
POTTSTOWN, BOROUGH OF	0	2	23	2	23	0	10
UPPER DUBLIN, TOWNSHIP OF	0	9	27	9	28	1	14
UPPER PROVIDENCE, TOWNSHIP OF	16	26	51	13	64	14	20
WEST CONSHOHOCKEN, BOROUGH OF	0	0	4	0	4	0	2
WEST NORRITON, TOWNSHIP OF	15	47	80	44	85	8	30
WHITEMARSH, TOWNSHIP OF	9	17	45	14	49	4	15
WHITPAIN, TOWNSHIP OF	0	0	7	0	7	0	3
AMBLER, BOROUGH OF	1	11	33	11	33	0	13
BRIDGEPORT, BOROUGH OF	0	3	16	3	16	0	4
CONSHOHOCKEN, BOROUGH OF	1	4	16	4	16	0	7
EAST NORRITON, TOWNSHIP OF	0	0	2	0	2	0	1
LANSDALE, BOROUGH OF	0	0	1	0	1	0	0
LOWER FREDERICK, TOWNSHIP OF	0	3	7	3	7	0	1
LOWER GWYNEDD, TOWNSHIP OF	1	1	4	1	4	0	1
PLYMOUTH, TOWNSHIP OF	0	2	4	1	5	0	2
UPPER GWYNEDD, TOWNSHIP OF	1	0	1	0	2	1	1
UPPER MERION, TOWNSHIP OF	0	3	12	3	12	0	7
SKIPPACK, TOWNSHIP OF	5	9	15	9	15	2	3
LOWER SALFORD, TOWNSHIP OF	0	0	3	0	3	0	0
MONTGOMERY, TOWNSHIP OF	1	1	2	1	2	0	0
BRYN ATHYN, BOROUGH OF	0	0	1	0	1	0	0
COLLEGEVILLE, BOROUGH OF	3	9	9	0	19	10	4
GREEN LANE, BOROUGH OF	0	0	6	0	6	0	2

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>
NARBERTH, BOROUGH OF	0	0	2	0	2	0	2
ROYERSFORD, BOROUGH OF	0	0	1	0	1	0	0
SCHWENKSVILLE, BOROUGH OF	0	0	1	0	1	0	1
TRAPPE, BOROUGH OF	1	1	0	0	1	1	0
LOWER POTTSBGROVE, TOWNSHIP OF	0	0	1	0	1	0	0
UPPER MORELAND, TOWNSHIP OF	2	7	30	7	31	0	13
DOUGLASS, TOWNSHIP OF	0	0	2	0	2	0	2
MARLBOROUGH, TOWNSHIP OF	2	3	10	3	10	0	2
NEW HANOVER, TOWNSHIP OF	1	2	9	2	9	0	5
PERKIOMEN, TOWNSHIP OF	2	7	18	7	18	0	7
UPPER HANOVER, TOWNSHIP OF	0	0	1	0	1	0	1
WORCESTER, TOWNSHIP OF	0	0	1	0	1	0	0
TOWAMENCIN, TOWNSHIP OF	0	1	3	1	3	0	1
NORRISTOWN, BOROUGH OF	0	4	20	4	20	0	6
SPRINGFIELD, TOWNSHIP OF	0	4	10	2	13	2	5
Unknown (community ID Unknown in FEMA data)	0	0	2	0	2	0	0
State level, not in this county: county not reported	0	0	1	0	1	0	0

SOURCESFEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)**Repeat-flood properties by plan member (NFIP community)**

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Ambler borough	420947	1	11	33	11	33	0	13	
Bridgeport borough	420948	0	3	16	3	16	0	4	
Bryn Athyn borough	421899	0	0	1	0	1	0	0	
Collegeville borough	421900	3	9	9	0	19	10	4	
Conshohocken borough	420949	1	4	16	4	16	0	7	
East Greenville borough	421901	0	0	0	0	0	0	0	
Green Lane borough	421902	0	0	6	0	6	0	2	
Hatboro borough	420697	2	11	20	9	22	2	8	
Hatfield borough	420698	0	3	8	3	8	0	5	
Jenkintown borough	422717	0	0	0	0	0	0	0	
Lansdale borough	420951	0	0	1	0	1	0	0	
Narberth borough	421903	0	0	2	0	2	0	2	

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Norristown borough	425386	0	4	20	4	20	0	6	
North Wales borough	420704	0	0	1	0	1	0	0	
Pennsburg borough	422496	0	0	0	0	0	0	0	
Pottstown borough	420705	0	2	23	2	23	0	10	
Red Hill borough	422718	0	0	0	0	0	0	0	
Rockledge borough	420706	0	0	0	0	0	0	0	
Royersford borough	421904	0	0	1	0	1	0	0	
Schwenksville borough	421905	0	0	1	0	1	0	1	
Souderton borough	421906	0	0	0	0	0	0	0	
Telford borough	422339	0	0	0	0	0	0	0	
Trappe borough	421907	1	1	0	0	1	1	0	
West Conshohocken borough	420710	0	0	4	0	4	0	2	
Abington township	420695	1	8	52	8	52	0	13	
Cheltenham township	420696	0	12	47	12	47	0	11	
Douglass township	421911	0	0	2	0	2	0	2	
East Norriton township	420950	0	0	2	0	2	0	1	
Franconia township	422494	0	0	0	0	0	0	0	
Hatfield township	420699	3	3	11	3	11	0	5	
Horsham township	420700	1	4	22	4	22	0	7	
Limerick township	421912	0	0	0	0	0	0	0	
Lower Frederick township	420952	0	3	7	3	7	0	1	
Lower Gwynedd township	420953	1	1	4	1	4	0	1	
Lower Merion township	420701	1	5	36	4	37	1	15	
Lower Moreland township	420702	8	3	35	3	35	0	6	
Lower Pottsgrove township	421908	0	0	1	0	1	0	0	
Lower Providence township	420703	7	11	28	10	29	1	2	
Lower Salford township	421170	0	0	3	0	3	0	0	
Marlborough township	421913	2	3	10	3	10	0	2	
Montgomery township	421226	1	1	2	1	2	0	0	
New Hanover township	421914	1	2	9	2	9	0	5	
Perkiomen township	421915	2	7	18	7	18	0	7	
Plymouth township	420955	0	2	4	1	5	0	2	
Salford township	422497	0	0	0	0	0	0	0	
Skippack township	421149	5	9	15	9	15	2	3	
Springfield township	425388	0	4	10	2	13	2	5	

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Towamencin township	422236	0	1	3	1	3	0	1	
Upper Dublin township	420708	0	9	27	9	28	1	14	
Upper Frederick township	421916	0	0	0	0	0	0	0	
Upper Gwynedd township	420956	1	0	1	0	2	1	1	
Upper Hanover township	421917	0	0	1	0	1	0	1	
Upper Merion township	420957	0	3	12	3	12	0	7	
Upper Moreland township	421909	2	7	30	7	31	0	13	
Upper Pottsgrove township	421910	0	0	0	0	0	0	0	
Upper Providence township	420709	16	26	51	13	64	14	20	
Upper Salford township	421918	0	0	0	0	0	0	0	
West Norriton township	420711	15	47	80	44	85	8	30	
West Pottsgrove township	421133	0	0	0	0	0	0	0	
Whitemarsh township	420712	9	17	45	14	49	4	15	
Whitpain township	420713	0	0	7	0	7	0	3	
Worcester township	421919	0	0	1	0	1	0	0	

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

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

SOURCES

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

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

County repeat-flood properties by occupancy group

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	75	166	508	133	547	43	158
2 to 4 unit residential	1	6	27	3	30	3	6
other residential	6	17	55	17	55	0	33
non-residential	2	47	150	47	152	1	60
not reported	0	0	0	0	0	0	0

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

SOURCES

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

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

FMA RL and FMA SRL are the Flood Mitigation Assistance definitions (44 CFR 77.2), the ones the FEMA Local Mitigation Planning Policy Guide cites; OpenFEMA's fmaRL field description omits the Increased Cost of Compliance clause of 44 CFR 77.2(i). NFIP repetitive loss (FEMA insurance definition, nfipRL) is 2 or more claims over \$1,000 in 10 years and can drop to false when a property is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured.

Your state NFIP coordinator's list may use the NFIP insurance definition, so its counts can be higher.

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

Counts may differ from your state NFIP coordinator's list, which is the source the Handbook names.

In this county 18 properties are FMA repetitive loss but not NFIP repetitive loss, and 674 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

Every table above lists its own sources. The full list, for the plan's bibliography (FEMA review item A4-a):

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-28, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_cousubs_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_cousubs_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_place_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_place_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_unsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_elsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_elsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scsd_national.zip), https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx

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Cite this: Hazard Plain (2026). Montgomery County, PA: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-28; County area 42091). Preview: automated baseline. Built from FEMA OpenFEMA, the FEMA National Risk Index and NOAA NCEI Storm Events; source versions in the packet's Sources list.

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Hazard Plain release 2026-10. As of 2026-09-28; Storm Events data through 2026-06-30. File hazard-plain_2026-10_PA_42091. Preview: automated baseline.