

Warren County, NJ

Risk-assessment baseline packet

Unit **County area 34041** Release **2026-10** As of **2026-09-28** Storm Events data through **2026-06-30**

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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.

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Plan clock

Status	Approved, expires 2027-01-09	Plan	Warren County 2021 (FEMA plan 107828)
Approved	2022-01-10	Expires	2027-01-09
As of	2026-09-28	Days	103 days to expiry
Update underway	FEMA tracker shows a plan in review		

What changed since your last plan (approved 2022-01-10)

New federal declarations	DR-4725-NJ (1 declaration row; 1 counted incident)	Storm Events records since approval	98 (data through 2026-06-30)
Repetitive loss now	FMA RL 85, SRL 76 (44 CFR 77.2); any definition: 264	Repeat-flood change	First release: no prior release to compare.

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

Plan status for every jurisdiction listed in this county: 27 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 negative = days since expiry	Update underway	Notes
Warren County	County	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	member approved 2022-02-16
Alpha borough	Borough	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	member approved 2022-02-16
Belvidere town	Town	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	
Hackettstown town	Town	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	member approved 2022-01-25
Phillipsburg town	Town	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	member approved 2022-03-28
Washington borough	Borough	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	member approved 2022-01-25
Allamuchy township	Township	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	member approved 2022-01-27
Blairstown township	Township	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	member approved 2022-01-25
Franklin township	Township	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	member approved 2022-02-16
Frelinghuysen township	Township	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	member approved 2022-01-25
Greenwich township	Township	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	member approved 2022-02-22
Hardwick township	Township	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103		member approved 2022-02-16
Harmony township	Township	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	
Hope township	Township	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	member approved 2022-02-16
Independence township	Township	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	member approved 2022-02-16

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Knowlton township	Township	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	member approved 2022-02-16
Liberty township	Township	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	member approved 2022-01-25
Lopatcong township	Township	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	member approved 2022-01-27
Mansfield township	Township	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	
Oxford township	Township	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103		member approved 2022-02-16
Pohatcong township	Township	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	member approved 2022-02-16
Washington township	Township	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	member approved 2022-02-16
White township	Township	Approved, expires 2027-01-09	Warren County 2021 (FEMA plan 107828)	2022-01-10	2027-01-09	103	FEMA tracker shows a plan in review	member approved 2022-03-28
Merrill Creek Reservoir	Natural Resources	No approved plan on record	none	none	none		FEMA tracker shows a plan in review	
Pollution Control Financing Authority of Warren County	Regional Planning Agency	No approved plan on record	none	none	none		FEMA tracker shows a plan in review	
Princeton-Blairstown Center	Other	No approved plan on record	none	none	none		FEMA tracker shows a plan in review	
Warren County Department of Education	School/School District	No approved plan on record	none	none	none		FEMA tracker shows a plan in review	

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

Supports B1-a: hazards

Hazards NRI does not cover: check locally

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

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

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
1	Inland Flooding	Relatively Moderate	Relatively Moderate	\$37,300,034	\$83,711	\$96,086	\$37,479,832	78		
2	Cold Wave	Relatively Moderate	Relatively High	\$152	\$23	\$8,016,031	\$8,016,205	35		Includes 2 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
3	Strong Wind	Relatively High	Relatively High	\$1,635,117	\$6,831	\$1,123,080	\$2,765,028	398		Includes 33 High Wind records and 90 Strong Wind records, event types the NRI definition of this hazard leaves out.
4	Hurricane	Relatively Low	Relatively Moderate	\$2,228,793	\$233,726	\$70,470	\$2,532,989	2		
5	Tornado	Relatively Low	Relatively Low	\$902,974	\$1,121	\$712,718	\$1,616,813	1		
6	Heat Wave	Relatively Low	Relatively Low	\$1	\$14,983	\$1,311,436	\$1,326,420	56		
7	Drought	Relatively Moderate	Relatively Moderate		\$1,107,701		\$1,107,701	36		
8	Earthquake	Relatively Low	Relatively Low	\$914,684		\$185,417	\$1,100,101			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
9	Lightning	Relatively Moderate	Relatively Moderate	\$31,685		\$685,000	\$716,685	13		
10	Winter Weather	Relatively Moderate	Relatively High	\$61,781	\$52	\$263,215	\$325,048	317		Includes 5 Sleet records, event types the NRI definition of this hazard leaves out.
11	Ice Storm	Relatively Moderate	Relatively Moderate	\$100,918		\$83,879	\$184,797	3		
12	Hail	Very Low	Very Low	\$21,327	\$23,468	\$20,402	\$65,197	27		
13	Landslide	Relatively Low	Relatively Low	\$10,254		\$5,719	\$15,973	0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
14	Wildfire	Very Low	Very Low	\$10,976	\$9	\$1,727	\$12,712	7		
15	Avalanche	Very Low	Very Low	under \$1		\$371	\$371	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Coastal Flooding	Not Applicable	Not Applicable					0		Declared 1 time; no Storm Events record of this type.

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
	Tsunami	Not Applicable	Not Applicable					0	NRI rates tsunami Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
	Volcanic Activity	Not Applicable	Not Applicable					0	NRI rates volcanic activity Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.

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

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

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

Supports B1-b: location

Where each hazard occurs

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Avalanche	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	4 of 23
Coastal Flooding	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 23
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	23 of 23
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	21 of 23
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.	23 of 23
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	23 of 23
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	23 of 23
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.	23 of 23
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	23 of 23
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.	23 of 23
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.	23 of 23
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	23 of 23
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	23 of 23
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.	23 of 23
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 23

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
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 23
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.	23 of 23
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	23 of 23

SOURCE

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

Supports B1-c: extent

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

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Avalanche	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Coastal Flood, Storm Surge/ Tide	none in data (FIRM for depth)	0					Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	33, 1996 to 2022 (33 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, 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	2, 2007 to 2007 (2 zone-level)		No crop damage reported in 2 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	36, 1997 to 2010 (36 zone-level)	1 day to 392 days (median 2 days); 15 with a recorded value	392 days (about 12.9 months), 2001-10-30 to 2002-11-25, a run of 14 consecutive Storm Events drought records, zone-level	Drought, 1999-09-01, property not reported; \$40,000,000 crops, reported for the zone (1999 dollars)	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).

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Hail	hail size (inches)	33, 1956 to 2024	0.75 in to 1.75 in (median 1 in); 33 with a recorded value	1.75 in hail, 2010-05-27; same size also recorded on 1956-06-10, 1966-08-16, 1980-07-11, 1985-06-24, 1990-07-01, 2007-07-06		Event records naming member places: Phillipsburg town (6 records), Alpha borough (3 records), Blairstown township (2 records), Hackettstown town (2 records), Washington borough (2 records), Washington township (2 records), Hope township (1 record), Oxford township (1 record).	
Excessive Heat, Heat	heat index (narratives)	56, 1996 to 2025 (56 zone- level)	1 day to 10 days (median 3 days); 34 with a recorded value	10 consecutive days, 2002-08-11 to 2002-08-20, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Heat index: in event narratives only; local data required. Heat records from November to March (unseasonable warmth, not a heat wave) are counted but not used for the longest run.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	2, 2011 to 2020 (2 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, \$250,000 property; \$0 crops, reported for the zone (2011 dollars); NWS zone NJZ007 (WARREN), 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)	3, 1997 to 2005 (3 zone- level)		No damage reported in 3 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)	78, 1996 to 2025 (4 zone- level)		Flood, 2004-09-18, \$28,000,000 property; crops not reported, reported for the zone (2004 dollars); NWS zone NJZ007 (WARREN), zone- level: may include parts of neighboring counties		Event records naming member places: Phillipsburg town (9 records), Hackettstown town (6 records), Alpha borough (4 records), Blairstown township (4 records), Washington borough (3 records), Washington township (3 records), Allamuchy township (2 records), Knowlton township (1 record). Zone-level records (4) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage can be \$0 or blank even for a major flood, so the worst record here may not be the worst flood; compare FEMA Public Assistance by declaration in B1-d.
Debris Flow	none (count and damage)	0					Physical measure: in event narratives only; local data required.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	13, 2000 to 2019		Lightning, 2003-05-28, \$10,000 property; \$0 crops (2003 dollars), 1 direct injury		Event records naming member places: Blairstown township (1 record), Phillipsburg town (1 record), Washington borough (1 record), Washington township (1 record).	Storm Events lists lightning with damage or casualties; physical measure in event narratives only; local data required.
High Wind and Strong Wind (outside NRI Strong Wind definition)	wind speed (kt and mph)	123, 1996 to 2020 (123 zone-level)	35 kt (40 mph) to 59 kt (68 mph) (median 40 kt (46 mph)); 96 with a recorded value	59 kt (68 mph) measured gust, High Wind, 2012-10-29; NWS zone NJZ007 (WARREN), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	307, 1987 to 2026	50 kt (58 mph) to 74 kt (85 mph) (median 50 kt (58 mph)); 270 with a recorded value	74 kt (85 mph) estimated, Thunderstorm Wind, 2000-05-13, 1 direct injury		Event records naming member places: Belvidere town (22 records), Blairstown township (22 records), Hackettstown town (20 records), Phillipsburg town (20 records), Hope township (12 records), Washington borough (12 records), Washington township (12 records), Oxford township (8 records), Alpha borough (7 records), Knowlton township (2 records); and 1 more member place (see the XLSX file).	
Tornado	Enhanced Fujita (F before Feb 2007)	6, 1957 to 2016	F/EF0 to F/EF2 (median between F/EF0 and F/EF1); 6 with a recorded value	F2 tornado, 1981-10-26, 0.8 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 400 yd wide, damage not recorded (pre-1996 record)	Tornado, 1957-11-19, \$250,000 property; crops not recorded (1957 dollars)	No event record names a member place.	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.
Wildfire	acres burned (local data)	7, 2002 to 2013 (6 zone-level)		No damage reported in 7 records.		No event record names a member place. Zone-level records (6) apply countywide.	Acres burned: 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
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall local)	317, 1996 to 2026 (317 zone-level)		Blizzard, 1996-01-07, \$1,100,000 property; crops not reported, reported for the zone (1996 dollars); NWS zone NJZ007 (WARREN), 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 rows

27

Counted incidents

18

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
2023-08-11	2023-07-14	DR-4725-NJ	Major disaster	SEVERE STORM AND FLOODING	Inland Flooding	\$16,553,428.36	new since last plan; within last 5 years	
2021-09-05	2021-09-01	DR-4614-NJ	Major disaster	REMNANTS OF HURRICANE IDA	Hurricane	\$2,840,434.93	during plan review, check whether your last plan included it	
2021-09-02	2021-09-01	EM-3573-NJ	Emergency	REMNANTS OF HURRICANE IDA	Hurricane	none found	during plan review, check whether your last plan included it	same incident as DR-4614
2021-04-28	2021-01-31	DR-4597-NJ	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$1,120,767.61	during plan review, check whether your last plan included it	
2020-03-25	2020-01-20	DR-4488-NJ	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$1,890,522.89		
2020-03-13	2020-01-20	EM-3451-NJ	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4488
2016-03-14	2016-01-22	DR-4264-NJ	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$1,039,096.18		
2012-10-30	2012-10-26	DR-4086-NJ	Major disaster	HURRICANE SANDY	Hurricane	\$1,834,921.70		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance		Flags	Notes
						<i>federal share obligated, nominal dollars</i>			
2012-10-28	2012-10-26	EM-3354-NJ	Emergency	HURRICANE SANDY	Hurricane	none found			same incident as DR-4086
2011-11-30	2011-10-29	DR-4048-NJ	Major disaster	SEVERE STORM	Hazard not mapped (severe storm title names no single hazard); not counted	\$481,330.20			
2011-10-14	2011-09-28	DR-4039-NJ	Major disaster	REMNANTS OF TROPICAL STORM LEE	Hurricane	\$345,965.67			
2011-08-31	2011-08-27	DR-4021-NJ	Major disaster	HURRICANE IRENE	Hurricane	\$1,466,982.44			
2011-08-27	2011-08-26	EM-3332-NJ	Emergency	HURRICANE IRENE	Hurricane	none found			same incident as DR-4021
2007-04-26	2007-04-14	DR-1694-NJ	Major disaster	SEVERE STORMS AND INLAND AND COASTAL FLOODING	Coastal Flooding	\$422,637.84			
2006-07-07	2006-06-23	DR-1653-NJ	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$162,944.29			
2005-09-19	2005-08-29	EM-3257-NJ	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	none found			
2005-04-19	2005-04-01	DR-1588-NJ	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	PA not declared for this county			
2004-10-01	2004-09-18	DR-1563-NJ	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$2,286,892.23			
2003-03-20	2003-02-16	EM-3181-NJ	Emergency	SNOW	Winter Weather	\$388,944.51			
2001-09-19	2001-09-11	EM-3169-NJ	Emergency	FIRES AND EXPLOSIONS	Non-natural, not counted	\$43,643.56			
2000-11-01	2000-05-30	EM-3156-NJ	Emergency	WEST NILE VIRUS	Non-natural, not counted	none found			
1999-09-17	1999-09-16	EM-3148-NJ	Emergency	HURRICANE FLOYD EMERGENCY DECLARATIONS	Hurricane	\$52,484.89			
1996-01-13	1996-01-07	DR-1088-NJ	Major disaster	BLIZZARD OF 96 (SEVERE SNOW STORM)	Winter Weather	none found			
1993-03-17	1993-03-13	EM-3106-NJ	Emergency	SEVERE BLIZZARD	Winter Weather	none found			
1980-10-19	1980-10-19	EM-3083-NJ	Emergency	WATER SHORTAGE	Drought	none found			
1971-09-04	1971-09-04	DR-310-NJ	Major disaster	HEAVY RAINS & FLOODING	Inland Flooding	none found			
1965-08-18	1965-08-18	DR-205-NJ	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
1962-03-09	1962-03-09	DR-124-NJ	Major disaster	SEVERE STORM, HIGH TIDES & FLOODING	Inland Flooding (primary); also designated: Coastal Flooding		
1955-08-20	1955-08-20	DR-41-NJ	Major disaster	HURRICANE & FLOODS	Hurricane (primary); also designated: 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)

Public Assistance not placed in a county in this state: 1 row, \$23,724.37

Disaster number	Declared	Applicant	County field in FEMA data	PA obligated <i>federal share obligated, nominal dollars</i>	Why not placed
4021	2011-08-31	SOUTH PLAINFIELD PUBLIC LIBRARY	Monroe County	\$23,724.37	county field is a county of another state and the applicant name does not identify a place in the declaring state

FEMA's Public Assistance summaries file these applicants under a county field that is not a county of this state (an Alaska school area, the former Valdez-Cordova Census Area, or another state's county), and the applicant name does not identify one place here. They are listed for the whole state and are not in any county total. Check whether any of them worked in your county.

SOURCE

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

Previous occurrences by hazard, with explicit no-event rows

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
Avalanche	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Coastal Flooding	0	0	0	0	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Cold Wave	35	1	0	1	0	0	1996 to 2026-06-30	Includes 2 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
Drought	36	0	0	0	2	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		No Storm Events record; local data required (e.g., USGS).
Hail	33	3	0	3	0	0	1955 to 2026-06-30	
Heat Wave	56	1	1	1	0	0	1996 to 2026-06-30	
Hurricane	2	0	0	0	5	0	1996 to 2026-06-30	
Ice Storm	3	0	0	0	0	0	1996 to 2026-06-30	
Inland Flooding	78	10	3	10	5	1	1996 to 2026-06-30	

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
Landslide	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	13	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	430	49	25	49	0	0	1955 to 2026-06-30	Includes 33 High Wind records and 90 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	6	0	0	0	0	0	1950 to 2026-06-30	
Tsunami	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Volcanic Activity	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	7	0	0	0	0	0	1996 to 2026-06-30	
Winter Weather	317	34	12	38	5	0	1996 to 2026-06-30	Includes 5 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
2012-10-29	High Wind	59 kt (68 mph) measured gust	\$10,000,000 property; \$0 crops, reported for the zone (2012 dollars)	0, 0	NWS zone NJZ007 (WARREN), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2011-08-27	Tropical Storm		\$250,000 property; \$0 crops, reported for the zone (2011 dollars)	0, 0	NWS zone NJZ007 (WARREN), zone-level: may include parts of neighboring counties		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2007-03-16	Winter Storm		\$0 property; \$0 crops, reported for the zone (2007 dollars)	1, 0	NWS zone NJZ007 (WARREN), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2007-02-06	Extreme Cold/ Wind Chill		\$0 property; \$0 crops, reported for the zone (2007 dollars)	1, 0	NWS zone NJZ007 (WARREN), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2004-09-18	Flood		\$28,000,000 property; crops not reported, reported for the zone (2004 dollars)	0, 0	NWS zone NJZ007 (WARREN), zone-level: may include parts of neighboring counties		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2003-09-18	High Wind	50 kt (58 mph) estimated gust	\$100,000 property; crops not reported, reported for the zone (2003 dollars)	1, 0	NWS zone NJZ007 (WARREN), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2003-05-28	Lightning		\$10,000 property; \$0 crops (2003 dollars)	0, 1	WASHINGTON		B1-c worst recorded: Lightning
2003-01-14	Cold/Wind Chill		damage not reported	0, 0	NWS zone NJZ007 (WARREN), 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	NWS zone NJZ007 (WARREN), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat
2001-10-30	Drought		damage not reported	0, 0	NWS zone NJZ007 (WARREN), zone-level: may include parts of neighboring counties		B1-c worst recorded: Drought
2000-05-13	Thunderstorm Wind	74 kt (85 mph) estimated	\$500,000 property; crops not reported (2000 dollars)	0, 1	COUNTYWIDE		B1-c worst recorded: Thunderstorm Wind
1981-10-26	Tornado	F2, 0.8 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 400 yd wide	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Tornado

The full list is in the XLSX file, sheet "B1-d Storm Events history" (1,016 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.

Tribal and special-area declarations in this state are listed on the state page.

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	0.01	events per year	about 1 in 100 years	Possible	FEMA annualized frequency (modeled)	0	1994 to 2023 (30 years)	see B1-f	0.01 is NRI's minimum avalanche frequency for a county in an avalanche susceptibility zone; NRI records no avalanche here, so the descriptor reflects the floor, not local events.
Coastal Flooding		events per year at a location (modeled)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Cold Wave	1	event-days per year	about 1 days per year	Likely	event-days in 14 of 30 years, 1996 to 2025 (46.7%)	19	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 1 cold wave event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 14 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together. Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	2.22	event-days per year	about 2.22 days per year	Likely	event-days in 8 of 30 years, 1996 to 2025 (26.7%)	56	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	NRI gives about 2.22 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 8 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	0.00133	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 0.133%			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	2.6	events per year	about 2.6 per year	Highly likely	FEMA annualized frequency (modeled)	98.6 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	5.37	event-days per year	about 5.37 days per year	Likely	event-days in 20 of 30 years, 1996 to 2025 (66.7%)	80	2005-11-12 to 2024-11-12 (19 years)	countywide	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Hurricane	0.0527	events per year	about 1 in 19 years	Possible	FEMA annualized frequency (modeled)	14	1851 to 2024 (Atlantic)	see B1-f	NRI counts hurricane and tropical storm tracks passing within storm-force wind range; federal declarations are counted separately in B1-d and need not match.
Ice Storm	1.74	event-days per year	about 1.74 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	117	1946-12-31 to 2014-02-12 (67 years)	countywide	NRI gives about 1.74 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 3 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	2.29	event-days per year	about 2.29 days per year	Likely	event-days in 24 of 30 years, 1996 to 2025 (80%)	64	1996 to 2023 (28 years)	see B1-f	
Landslide	0.34	events per year (modeled)	about 1 in 3 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	33	days per year with a strike	about 33 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	6.19	events per year	about 6.19 per year	Highly likely	FEMA annualized frequency (modeled)	236	1986 to 2023 (38 years)	countywide	
Tornado	0.153	events per year	about 1 in 7 years	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
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	0.000124	annual probability at a location	chance a given location in the county burns in a year: 0.0124%	Likely	Storm Events records in 5 of 30 years, 1996 to 2025 (16.7%)	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.

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
Winter Weather	14.5	event-days per year	about 14.5 days per year	Highly likely	event-days in 30 of 30 years, 1996 to 2025 (100%)	276	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	13	30	0.433
Hail	2.00 in+	1996 to 2025	0	30	0
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	264	30	8.8
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	1	30	0.0333
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	6	30	0.2
Tornado	EF0-1	1996 to 2025	1	30	0.0333
Tornado	EF2-3	1996 to 2025	0	30	0
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

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

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

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

Supports B1-f: variation across the planning area

Range of census tract risk within the county

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Avalanche	4 of 23	25.8	28.6	36.6	Very Low 4, Not Applicable 19	
Coastal Flooding	0 of 23				Not Applicable 23	
Cold Wave	23 of 23	71.2	88.9	97.4	Very High 2, Relatively High 17, Relatively Moderate 4	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	21 of 23	67.8	90.5	96.8	Relatively Moderate 9, Relatively Low 6, Very Low 6, No Rating 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. 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	23 of 23	24.6	56.0	70.5	Relatively Low 22, Very Low 1	
Hail	23 of 23	17.0	32.7	46.9	Relatively Low 5, Very Low 18	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.

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Heat Wave	23 of 23	27.9	57.0	81.2	Relatively Moderate 13, Relatively Low 10	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	23 of 23	59.3	76.9	83.5	Relatively Moderate 7, Relatively Low 16	
Ice Storm	23 of 23	31.4	57.9	77.5	Relatively Moderate 5, Relatively Low 17, Very Low 1	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	23 of 23	7.9	85.9	99.4	Very High 3, Relatively High 11, Relatively Moderate 7, Very Low 2	
Landslide	23 of 23	29.2	81.8	95.5	Relatively Low 12, Very Low 11	
Lightning	23 of 23	46.4	74.7	94.6	Relatively High 11, Relatively Moderate 11, Relatively Low 1	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	23 of 23	68.8	91.6	97.4	Very High 2, Relatively High 17, Relatively Moderate 4	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	23 of 23	31.2	49.5	62.6	Relatively Moderate 6, Relatively Low 17	
Tsunami	0 of 23				Not Applicable 23	
Volcanic Activity	0 of 23				Not Applicable 23	
Wildfire	23 of 23	21.0	48.9	73.4	Relatively Low 3, Very Low 20	
Winter Weather	23 of 23	63.4	84.9	95.1	Relatively High 16, Relatively Moderate 7	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
Warren County	County	Approved, expires 2027-01-09		\$12,019,513.04	0; 0	No NFIP community ID on this member's plan row. Includes \$932,808.47 for declarations not counted as hazard incidents (DR-4048-NJ, DR-4488-NJ, EM-3169-NJ).
Alpha borough	Borough	Approved, expires 2027-01-09	FMA RL 0, SRL 0; any 0	\$113,786.86	14; 5	

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
Belvidere town	Town	Approved, expires 2027-01-09	FMA RL 5, SRL 5; any 40	\$1,674,170.09	22; 3	Includes \$25,455.03 for declarations not counted as hazard incidents (DR-4048-NJ, DR-4488-NJ).
Hackettstown town	Town	Approved, expires 2027-01-09	FMA RL 0, SRL 1; any 2	\$263,596.29	28; 6	Includes \$59,582.32 for declarations not counted as hazard incidents (DR-4048-NJ, DR-4488-NJ).
Phillipsburg town	Town	Approved, expires 2027-01-09	FMA RL 4, SRL 4; any 8	\$1,358,184.50	36; 3	Includes \$6,379.79 for declarations not counted as hazard incidents (DR-4048-NJ).
Washington borough	Borough	Approved, expires 2027-01-09	FMA RL 0, SRL 0; any 2	\$151,265.31	18; 4	
Allamuchy township	Township	Approved, expires 2027-01-09	FMA RL 0, SRL 0; any 0	\$61,888.67	3; 1	Includes \$2,250 for declarations not counted as hazard incidents (DR-4048-NJ).
Blairstown township	Township	Approved, expires 2027-01-09	FMA RL 0, SRL 1; any 18	\$377,936.32	29; 4	Includes \$2,122.86 for declarations not counted as hazard incidents (DR-4048-NJ).
Franklin township	Township	Approved, expires 2027-01-09	FMA RL 0, SRL 0; any 3	\$653,002.66	0; 0	Includes \$15,118.71 for declarations not counted as hazard incidents (DR-4048-NJ).
Frelinghuysen township	Township	Approved, expires 2027-01-09	FMA RL 0, SRL 0; any 0	\$126,798.46	0; 0	Includes \$8,129.70 for declarations not counted as hazard incidents (DR-4048-NJ).
Greenwich township	Township	Approved, expires 2027-01-09	FMA RL 0, SRL 0; any 1	\$373,998.38	0; 0	Includes \$8,394.59 for declarations not counted as hazard incidents (DR-4048-NJ).
Hardwick township	Township	Approved, expires 2027-01-09	FMA RL 0, SRL 0; any 0	\$215,401.80	0; 0	Includes \$6,326.19 for declarations not counted as hazard incidents (DR-4048-NJ).
Harmony township	Township	Approved, expires 2027-01-09	FMA RL 44, SRL 38; any 85	\$1,059,120.35	0; 0	
Hope township	Township	Approved, expires 2027-01-09	FMA RL 0, SRL 0; any 3	\$582,887.54	13; 3	Includes \$19,959.69 for declarations not counted as hazard incidents (DR-4048-NJ).
Independence township	Township	Approved, expires 2027-01-09	FMA RL 0, SRL 0; any 0	\$52,845.65	0; 0	
Knowlton township	Township	Approved, expires 2027-01-09	FMA RL 12, SRL 10; any 37	\$269,384.83	3; 0	Includes \$30,622.12 for declarations not counted as hazard incidents (DR-4048-NJ).
Liberty township	Township	Approved, expires 2027-01-09	FMA RL 0, SRL 0; any 0	\$161,650.93	0; 0	Includes \$25,229.13 for declarations not counted as hazard incidents (DR-4488-NJ).
Lopatcong township	Township	Approved, expires 2027-01-09	FMA RL 1, SRL 0; any 1	\$662,400.36	0; 0	Includes \$41,407.22 for declarations not counted as hazard incidents (DR-4048-NJ).
Mansfield township	Township	Approved, expires 2027-01-09	FMA RL 0, SRL 0; any 5	\$180,624.47	0; 0	Includes \$12,464.67 for declarations not counted as hazard incidents (DR-4048-NJ).
Oxford township	Township	Approved, expires 2027-01-09	FMA RL 0, SRL 0; any 0	\$452,630.29	9; 0	Includes \$6,099.44 for declarations not counted as hazard incidents (DR-4048-NJ).
Pohatcong township	Township	Approved, expires 2027-01-09	FMA RL 14, SRL 12; any 42	\$1,401,988.14	0; 0	Includes \$19,580.96 for declarations not counted as hazard incidents (DR-4048-NJ, DR-4488-NJ).

Member	Type	Plan status	Repetitive loss	Public Assistance matched	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>federal share obligated, nominal dollars</i>	<i>all years; since the member's plan</i>	
Washington township	Township	Approved, expires 2027-01-09	FMA RL 0, SRL 1; any 5	\$1,162,900.16	18; 4	Includes \$24,173.67 for declarations not counted as hazard incidents (DR-4048-NJ).
White township	Township	Approved, expires 2027-01-09	FMA RL 5, SRL 4; any 12	\$607,713.34	0; 0	Includes \$20,962.04 for declarations not counted as hazard incidents (DR-4048-NJ).

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

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

SOURCES

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

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

Local data required

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

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

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

Hazard	Building exposure	Agriculture exposure	Population exposed	EAL buildings	EAL agriculture	EAL population equivalence	EAL as % of exposure	Storm Events damage since 2022-01-10	Zone-level damage since plan	Public Assistance since plan	Note
	<i>modeled dollars</i>	<i>modeled dollars</i>	<i>people</i>	<i>modeled dollars per year</i>	<i>modeled dollars per year</i>	<i>statistical value of life and injury, \$13.7M per life, not property damage</i>	<i>buildings; agriculture where noted</i>	<i>county-coded records, property plus crops, nominal dollars</i>	<i>property plus crops, reported for the zone</i>	<i>nominal dollars; see note</i>	
Avalanche	\$240,796		under 1	under \$1		\$371	under 0.0001%				
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$29,343,799,943	\$120,021,447	109,580	\$152	\$23	\$8,016,031	under 0.0001%		\$0		
Drought		\$83,080,453			\$1,107,701		1.33% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$51,545,175,088		109,632	\$914,684		\$185,417	0.00177%				
Hail	\$29,343,799,943	\$120,021,447	109,580	\$21,327	\$23,468	\$20,402	under 0.0001%				

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	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 2022-01-10 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Heat Wave	\$29,343,799,943	\$120,021,447	109,580	\$1	\$14,983	\$1,311,436	under 0.0001%				
Hurricane	\$29,340,844,542	\$120,021,447	109,555	\$2,228,793	\$233,726	\$70,470	0.0076%				
Ice Storm	\$29,332,683,254		109,504	\$100,918		\$83,879	0.000344%				
Inland Flooding	\$29,296,699,716	\$5,467,302	2,560	\$37,300,034	\$83,711	\$96,086	n/a (see note)	\$0		\$16,553,428.36	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	\$1,484,896,817		5,071	\$10,254		\$5,719	0.000691%				
Lightning	\$29,343,799,943		109,580	\$31,685		\$685,000	0.000108%				
Strong Wind	\$29,343,799,943	\$120,021,447	109,580	\$1,635,117	\$6,831	\$1,123,080	0.00557%	\$0			
Tornado	\$29,343,799,943	\$120,021,447	109,580	\$902,974	\$1,121	\$712,718	0.00308%				
Tsunami											Not Applicable in NRI for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$2,180,340,749	\$10,724,873	10,681	\$10,976	\$9	\$1,727	0.000503%				
Winter Weather	\$29,343,799,943	\$120,021,447	109,580	\$61,781	\$52	\$263,215	0.000211%		\$0		

Totals since 2022-01-10 (Storm Events through 2026-06-30): 62 county-coded records, 29 with a damage value recorded (including \$0), \$0; 36 zone-level records, 35 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance on counted declarations \$16,553,428.36 (1 declaration, 1 with PA).

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

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

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

SOURCES

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

https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)

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

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

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

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

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

Supports B2-a: context

County context

Measure	Value
Population	109,580
Building value (total, not at risk)	\$29,343,799,943
Agriculture value (total, not at risk)	\$120,021,447
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$44,690,319
Expected annual loss, population equivalence, all hazards (NRI values each statistical life at \$13.7M; a modeled value of expected deaths and injuries, not property damage)	\$12,575,552
Social vulnerability rating	Very Low
Community resilience rating	Relatively 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)	85	Severe repetitive loss, FMA definition (44 CFR 77.2)	76
Repetitive loss, NFIP insurance definition	245	Severe repetitive loss, NFIP insurance definition	60

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	85	76	245	60	264	18	81
BELVIDERE, TOWN OF	5	5	38	3	40	2	18
BLAIRSTOWN, TOWNSHIP OF	0	1	18	1	18	0	3
GREENWICH, TOWNSHIP OF	0	0	1	0	1	0	0
HACKETTSTOWN, TOWN OF	0	1	2	1	2	0	0

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
HARMONY, TOWNSHIP OF	44	38	76	30	85	8	26
HOPE, TOWNSHIP OF	0	0	3	0	3	0	0
KNOWLTON, TOWNSHIP OF	12	10	33	6	37	4	10
MANSFIELD, TOWNSHIP OF	0	0	5	0	5	0	1
PHILLIPSBURG, TOWN OF	4	4	7	4	8	1	1
POHATCONG, TOWNSHIP OF	14	12	40	10	42	2	13
WASHINGTON, BOROUGH OF	0	0	2	0	2	0	2
WASHINGTON, TOWNSHIP OF	0	1	5	1	5	0	2
WHITE, TOWNSHIP OF	5	4	11	4	12	1	4
FRANKLIN, TOWNSHIP OF	0	0	3	0	3	0	1
LOPATCONG, TOWNSHIP OF	1	0	1	0	1	0	0
State level, not in this county: county not reported	0	1	5	0	6	1	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
Alpha borough	340576	0	0	0	0	0	0	0	
Belvidere town	340481	5	5	38	3	40	2	18	
Hackettstown town	340484	0	1	2	1	2	0	0	
Phillipsburg town	340493	4	4	7	4	8	1	1	
Washington borough	340495	0	0	2	0	2	0	2	
Allamuchy township	340480	0	0	0	0	0	0	0	
Blairstown township	340482	0	1	18	1	18	0	3	
Franklin township	340563	0	0	3	0	3	0	1	
Frelinghuysen township	340564	0	0	0	0	0	0	0	
Greenwich township	340483	0	0	1	0	1	0	0	
Hardwick township	340528	0	0	0	0	0	0	0	
Harmony township	340485	44	38	76	30	85	8	26	
Hope township	340486	0	0	3	0	3	0	0	
Independence township	340487	0	0	0	0	0	0	0	
Knowlton township	340488	12	10	33	6	37	4	10	
Liberty township	340489	0	0	0	0	0	0	0	
Lopatcong township	340574	1	0	1	0	1	0	0	

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Mansfield township	340491	0	0	5	0	5	0	1	
Oxford township	340492	0	0	0	0	0	0	0	
Pohatcong township	340494	14	12	40	10	42	2	13	
Washington township	340496	0	1	5	1	5	0	2	
White township	340497	5	4	11	4	12	1	4	

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	80	69	220	53	239	18	74
2 to 4 unit residential	1	2	12	2	12	0	5
other residential	0	0	1	0	1	0	0
non-residential	4	5	12	5	12	0	2
not reported	0	0	0	0	0	0	0

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

SOURCES

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

FMA RL and FMA SRL are the Flood Mitigation Assistance definitions (44 CFR 77.2), the ones the FEMA Local Mitigation Planning Policy Guide cites; OpenFEMA's fmaRI field description omits the Increased Cost of Compliance clause of 44 CFR 77.2(i). NFIP repetitive loss (FEMA insurance definition, nfipRI) 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 16 properties are FMA repetitive loss but not NFIP repetitive loss, and 176 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)
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Corrections: to report an error, name the packet, the table and what your records show. Contact: to be added

Hazard Plain release 2026-10. As of 2026-09-28; Storm Events data through 2026-06-30. File hazard-plain_2026-10_NJ_34041. Preview: automated baseline.