

Rockingham County, NH

Risk-assessment baseline packet

Unit **County area 33015** 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

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: 37 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
Portsmouth city	City	Approved, expires 2029-08-20	City of Portsmouth, NH Hazard Mitigation Plan Update 2024 (FEMA plan 110000)	2024-08-21	2029-08-20	1,057		
Atkinson town	Town	Approved, expires 2030-05-28	Town of Atkinson, NH Natural Hazard Mitigation Plan Update 2024 (FEMA plan 110495)	2025-05-29	2030-05-28	1,338		
Auburn town	Town	Approved, expires 2030-07-28	Town of Auburn, New Hampshire Hazard Mitigation Plan 2025 (FEMA plan 110954)	2025-07-29	2030-07-28	1,399		
Brentwood town	Town	Approved, expires 2029-03-14	Brentwood Hazard Mitigation Plan Update 2023 (FEMA plan 109011)	2024-03-15	2029-03-14	898		
Candia town	Town	Approved, expires 2029-04-25	Town of Candia, NH Hazard Mitigation Plan Update 2023 (FEMA plan 109016)	2024-04-26	2029-04-25	940		
Chester town	Town	Approved, expires 2029-04-02	Chester, NH Hazard Mitigation Plan Update 2024 (FEMA plan 109351)	2024-04-03	2029-04-02	917		
Danville town	Town	Approved, expires 2029-03-20	Danville, NH Hazard Mitigation Plan Update 2024 (FEMA plan 109349)	2024-03-21	2029-03-20	904		
Deerfield town	Town	Approved, expires 2030-11-12	Town of Deerfield, New Hampshire Hazard Mitigation Plan 2025 Update (FEMA plan 111006)	2025-11-13	2030-11-12	1,506		
Derry town	Town	Approved, expires 2031-03-31	Town of Derry, NH Hazard Mitigation Plan 2025 (FEMA plan 111454)	2026-04-01	2031-03-31	1,645		
East Kingston town	Town	Expired on 2026-07-18	East Kingston Hazard Mitigation Plan Update 2021 (FEMA plan 107635)	2021-07-19	2026-07-18	-72		
Epping town	Town	Approved, expires 2029-08-20	Town of Epping, NH Natural Hazard Mitigation Plan Update 2023 (FEMA plan 109348)	2024-08-21	2029-08-20	1,057		
Exeter town	Town	Approved, expires 2030-02-09	Town of Exeter, NH Natural Hazard Mitigation Plan Update 2024 (FEMA plan 110198)	2025-02-10	2030-02-09	1,230		
Fremont town	Town	Approved, expires 2027-06-26	Town of Fremont, NH Hazard Mitigation Plan Update 2022 (FEMA plan 108381)	2022-06-27	2027-06-26	271		
Greenland town	Town	Approved, expires 2028-03-29	Greenland, NH Hazard Mitigation Plan Update (FEMA plan 108832)	2023-03-30	2028-03-29	548		
Hampstead town	Town	Approved, expires 2029-07-17	Town of Hampstead, NH Hazard Mitigation Plan Update 2023 (FEMA plan 109347)	2024-07-18	2029-07-17	1,023		

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Hampton Falls town	Town	Approved, expires 2030-04-15	Hampton Falls, NH Hazard Mitigation Plan Update 2024 (FEMA plan 110202)	2025-04-16	2030-04-15	1,295		
Hampton town	Town	Approved, expires 2029-04-16	Hampton, NH Hazard Mitigation Plan Update 2023 (FEMA plan 109243)	2024-04-17	2029-04-16	931		
Kensington town	Town	Expired on 2026-01-04	Kensington Hazard Mitigation Plan Update 2020 (FEMA plan 107088)	2021-01-05	2026-01-04	-267	FEMA tracker shows a plan in review	adoptionDate 2014-04-07 is more than 5 years from this plan's approval 2021-01-05; it may belong to an earlier plan, check with the jurisdiction
Kingston town	Town	Approved, expires 2029-12-01	Kingston, NH Hazard Mitigation Plan Update 2024 (FEMA plan 110204)	2024-12-02	2029-12-01	1,160		
Londonderry town	Town	Approved, expires 2030-05-19	Town of Londonderry, New Hampshire Hazard Mitigation Plan Update 2025 (FEMA plan 110529)	2025-05-20	2030-05-19	1,329		
New Castle town	Town	Approved, expires 2027-02-07	Town of New Castle, NH Hazard Mitigation Plan Update 2022 (FEMA plan 108127)	2022-02-08	2027-02-07	132		
Newfields town	Town	Expired on 2020-12-20	Town of Newfields New Hampshire 2015 Hazards Mitigation Plan (FEMA plan 101710)	2015-12-21	2020-12-20	-2,108		
Newington town	Town	Approved, expires 2030-01-05	Town of Newington, NH Hazard Mitigation Plan Update 2024 (FEMA plan 110164)	2025-01-06	2030-01-05	1,195		
Newmarket town	Town	Approved, expires 2031-04-15	Multi-Hazard Mitigation Plan Update, Town of Newmarket, NH, 2025 (FEMA plan 111411)	2026-04-16	2031-04-15	1,660		
Newton town	Town	Approved, expires 2027-06-13	Town of Newton, NH Hazard Mitigation Plan Update 2022 (FEMA plan 108343)	2022-06-14	2027-06-13	258		
North Hampton town	Town	Approved, expires 2029-12-05	Town of North Hampton, NH Hazard Mitigation Plan Update 2024 (FEMA plan 110175)	2024-12-06	2029-12-05	1,164		
Northwood town	Town	Approved, expires 2030-06-25	Multi-Hazard Mitigation Plan Update Town of Northwood, NH 2025 (FEMA plan 110864)	2025-06-26	2030-06-25	1,366		
Nottingham town	Town	Approved, expires 2029-12-05	Multi-Hazard Mitigation Plan Update 2024, Town of Nottingham, NH (FEMA plan 110124)	2024-12-06	2029-12-05	1,164		
Plaistow town	Town	Approved, expires 2031-06-09	Plaistow, NH Hazard Mitigation Plan Update 2026 (FEMA plan 111729)	2026-06-10	2031-06-09	1,715		
Raymond town	Town	Approved, expires 2027-03-03	Town of Raymond, NH Natural Hazard Mitigation Plan Update 2022 (FEMA plan 108144)	2022-03-04	2027-03-03	156		
Rye town	Town	Approved, expires 2027-06-14	Town of Rye, NH Hazard Mitigation Plan Update 2022 (FEMA plan 108347)	2022-06-15	2027-06-14	259		
Salem town	Town	Approved, expires 2030-05-18	Salem, NH Hazard Mitigation Plan Update 2025 (FEMA plan 110625)	2025-05-19	2030-05-18	1,328		
Sandown town	Town	Expired on 2026-09-27	Town of Sandown, NH Natural Hazard Mitigation Plan Update 2021 (FEMA plan 107775)	2021-09-28	2026-09-27	-1		FEMA status not yet updated
Seabrook town	Town	Approved, expires 2030-07-20	Town of Seabrook, NH Natural Hazard Mitigation Plan Update 2025 (FEMA plan 110858)	2025-07-21	2030-07-20	1,391		

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
South Hampton town	Town	Approved, expires 2030-09-03	Town of South Hampton, NH Hazard Mitigation Plan Update 2025 (FEMA plan 110936)	2025-09-04	2030-09-03	1,436		
Stratham town	Town	Expired on 2026-06-01	Stratham Hazard Mitigation Plan Update 2021 (FEMA plan 107557)	2021-06-02	2026-06-01	-119		
Windham town	Town	Approved, expires 2030-10-08	Town of Windham, New Hampshire Hazard Mitigation Plan Update 2025 (FEMA plan 110997)	2025-10-09	2030-10-08	1,471		

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 Moderate	Relatively Moderate	\$53,845,820	\$4,987	\$115,970	\$53,966,777	40		
2	Coastal Flooding	Relatively High	Very High	\$12,071,901		\$14,101	\$12,086,008	67		
3	Earthquake	Relatively Low	Relatively Moderate	\$4,601,565		\$893,595	\$5,495,160			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
4	Hurricane	Relatively Moderate	Relatively Moderate	\$4,639,246	\$185,311	\$149,747	\$4,974,303	3		
5	Tornado	Relatively Moderate	Relatively Moderate	\$459,572	\$277	\$3,953,268	\$4,413,116	2		
6	Cold Wave	Relatively Low	Relatively Moderate	\$960	\$3,152	\$1,927,696	\$1,931,808	21		Includes 1 Frost/Freeze record, event types the NRI definition of this hazard leaves out.
7	Ice Storm	Relatively High	Relatively High	\$1,503,555		\$106,250	\$1,609,804	3		

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
8	Strong Wind	Relatively Moderate	Relatively Moderate	\$419,032	\$1	\$1,174,282	\$1,593,315	286		Includes 25 High Wind records and 34 Strong Wind records, event types the NRI definition of this hazard leaves out.
9	Drought	Relatively Moderate	Relatively Moderate		\$1,191,166		\$1,191,166	23		
10	Heat Wave	Relatively Low	Relatively Low	\$1	\$3,593	\$1,112,238	\$1,115,833	3		
11	Lightning	Relatively Moderate	Relatively High	\$128,280		\$782,423	\$910,702	56		
12	Hail	Relatively Low	Relatively Low	\$18,808	\$179	\$207,129	\$226,116	160		
13	Winter Weather	Relatively Moderate	Relatively Moderate	\$15,773	\$15	\$153,009	\$168,796	181		
14	Wildfire	Very Low	Very Low	\$54,568	\$4	\$9,349	\$63,922	0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
15	Landslide	Relatively Low	Relatively Low	\$8,697		\$2,184	\$10,881	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.
16	Avalanche	Very Low	Very Low	\$0		\$3	\$3	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Tsunami	Insufficient Data	Insufficient Data					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.
	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.	1 of 72
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.	26 of 72
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	72 of 72
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	18 of 72
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.	72 of 72
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	72 of 72
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	72 of 72
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.	72 of 72
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	72 of 72
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.	72 of 72
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.	72 of 72
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	72 of 72
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	72 of 72
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.	72 of 72
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 72
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 72
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.	72 of 72
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	72 of 72

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.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Coastal Flood, Storm Surge/ Tide	none in data (FIRM for depth)	67, 1996 to 2024 (61 zone-level)		Coastal Flood, 2024-01-13, \$30,000,000 property; \$0 crops, reported for the zone (2024 dollars); NWS zone NHZ014 (COASTAL ROCKINGHAM), zone-level: may include parts of neighboring counties		Event records naming member places: Hampton town (2 records). Zone-level records (61) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	20, 1998 to 2023 (20 zone-level)	1 day to 6 days (median 2 days); 17 with a recorded value	6 consecutive days, 2000-01-13 to 2000-01-18, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Wind chill: in event narratives only; local data required.
Frost/Freeze (outside NRI Cold Wave definition)	crop damage	1, 2023 to 2023 (1 zone-level)		No crop damage reported in 1 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	23, 1999 to 2026 (23 zone-level)	26 days to 122 days (median 76 days); 10 with a recorded value	122 days (4 months), 2026-03-01 to 2026-06-30, a run of 4 consecutive Storm Events drought records, zone-level	Drought, 2020-11-01, \$20,000 property; \$9,000,000 crops, reported for the zone (2020 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).
Hail	hail size (inches)	170, 1963 to 2026	0.75 in to 2 in (median 1 in); 170 with a recorded value	2 in hail, 2014-07-03; same size also recorded on 2006-07-11		Event records naming member places: Derry town (13 records), Londonderry town (10 records), Raymond town (10 records), Windham town (7 records), Auburn town (6 records), East Kingston town (6 records), Exeter town (6 records), Fremont town (6 records), Greenland town (6 records), Atkinson town (5 records); and 21 more member places (see the XLSX file).	
Excessive Heat, Heat	heat index (narratives)	3, 1998 to 2024 (3 zone-level)	2 days; 1 with a recorded value	2 consecutive days, 2024-06-19 to 2024-06-20, 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.

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, 1996 to 2020 (3 zone-level)		Strongest recorded (records with damage, a wind speed or direct casualties first, then storm type, category and wind): Hurricane (Typhoon) record, 1996-09-02, damage not reported; NWS zone NHZ014 (COASTAL ROCKINGHAM), 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, 1998 to 2008 (3 zone-level)		Ice Storm, 2008-12-11, \$1,620,000 property; \$0 crops, reported for the zone (2008 dollars); NWS zone NHZ013 (INTERIOR ROCKINGHAM), zone-level: may include parts of neighboring counties		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)	40, 1996 to 2024 (7 zone-level)		Flash Flood, 1996-10-20, \$4,800,000 property; crops not reported (1996 dollars)		Event records naming member places: Newmarket town (6 records), New Castle town (5 records), Deerfield town (2 records), Exeter town (2 records), Auburn town (1 record), Danville town (1 record), Derry town (1 record), Epping town (1 record), Kensington town (1 record), Londonderry town (1 record); and 7 more member places (see the XLSX file). Zone-level records (7) 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)	56, 1996 to 2010		Lightning, 2007-05-10, \$500,000 property; \$0 crops (2007 dollars)		Event records naming member places: Kingston town (5 records), Portsmouth city (5 records), Exeter town (4 records), Salem town (4 records), Auburn town (3 records), Londonderry town (3 records), North Hampton town (3 records), Stratham town (3 records), Greenland town (2 records), Hampton town (2 records); and 17 more member places (see the XLSX file).	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)	59, 1996 to 2023 (59 zone-level)	32 kt (37 mph) to 61 kt (70 mph) (median 50 kt (58 mph)); 27 with a recorded value	61 kt (70 mph) estimated gust, High Wind, 2017-10-30; NWS zone NHZ013 (INTERIOR ROCKINGHAM), zone-level: may include parts of neighboring counties	Strong Wind, 2006-10-29, \$8,000,000 property; \$0 crops, reported for the zone (2006 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Thunderstorm Wind	wind speed (kt and mph)	264, 1958 to 2026	50 kt (58 mph) to 97 kt (112 mph) (median 50 kt (58 mph)); 230 with a recorded value	97 kt (112 mph) measured, Thunderstorm Wind, 2001-08-10	Thunderstorm Wind, 1994-08-13, \$50,000 property; crops not recorded (1994 dollars)	Event records naming member places: Portsmouth city (11 records), Deerfield town (10 records), Londonderry town (9 records), Chester town (8 records), Greenland town (8 records), Raymond town (8 records), Stratham town (8 records), Derry town (7 records), Epping town (7 records), Auburn town (6 records); and 23 more member places (see the XLSX file).	
Tornado	Enhanced Fujita (F before Feb 2007)	10, 1951 to 2008	F/EF0 to F/EF3 (median F/EF2); 10 with a recorded value	F3 tornado, 1953-06-09, 1.5 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, \$25,000 property; crops not recorded (1953 dollars), 5 direct injuries	Tornado, 2008-07-24, \$840,000 property; crops not reported (2008 dollars)	Event records naming member places: Hampton Falls town (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.
Wildfire	acres burned (local data)	0					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)	181, 1996 to 2026 (181 zone-level)		No damage reported in 181 records.		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/>

Supports B1-d: previous occurrences

Declaration rows35

Counted incidents29

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 federal share obligated, nominal dollars	Flags	Notes
2024-07-10	2024-04-03	DR-4799-NH	Major disaster	SEVERE WINTER STORM AND FLOODING	Winter Weather (primary); also designated: Inland Flooding	\$328,350.81	within last 5 years	
2024-04-19	2024-01-09	DR-4771-NH	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$1,262,129.83	within last 5 years	
2023-09-14	2023-07-09	DR-4740-NH	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$658,649.21	within last 5 years	
2020-04-03	2020-01-20	DR-4516-NH	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$11,141,525.20		
2020-03-13	2020-01-20	EM-3445-NH	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4516
2018-06-08	2018-03-13	DR-4371-NH	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$1,180,700.15		
2018-06-08	2018-03-02	DR-4370-NH	Major disaster	SEVERE STORM AND FLOODING	Coastal Flooding	\$352,360.13		
2015-03-25	2015-01-26	DR-4209-NH	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$1,973,521.94		
2013-03-19	2013-02-08	DR-4105-NH	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$1,535,170.04		
2012-11-28	2012-10-26	DR-4095-NH	Major disaster	HURRICANE SANDY	Hurricane	\$109,175.57		
2012-10-30	2012-10-26	EM-3360-NH	Emergency	HURRICANE SANDY	Hurricane	\$244,479.85		same incident as DR-4095
2011-12-05	2011-10-29	DR-4049-NH	Major disaster	SEVERE STORM AND SNOWSTORM	Winter Weather	\$680,047.67		
2011-11-01	2011-10-29	EM-3344-NH	Emergency	SEVERE STORM	Hazard not mapped (severe storm title names no single hazard); not counted	none found		same incident as DR-4049
2011-08-27	2011-08-26	EM-3333-NH	Emergency	HURRICANE IRENE	Hurricane	\$158,717.78		
2010-05-12	2010-03-14	DR-1913-NH	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$670,308.91		
2010-03-29	2010-02-23	DR-1892-NH	Major disaster	SEVERE WINTER STORM	Winter Weather	\$1,706,567.76		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2009-01-02	2008-12-11	DR-1812-NH	Major disaster	SEVERE WINTER STORM	Ice Storm	\$3,596,817.15		
2008-12-13	2008-12-11	EM-3297-NH	Emergency	SEVERE WINTER STORM	Winter Weather	none found		same incident as DR-1812
2008-08-11	2008-07-24	DR-1782-NH	Major disaster	SEVERE STORMS, TORNADO, AND FLOODING	Inland Flooding; Tornado	\$79,673.30		
2007-04-27	2007-04-15	DR-1695-NH	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$2,588,844.19		
2006-05-25	2006-05-12	DR-1643-NH	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$2,677,068.31		
2005-09-19	2005-08-29	EM-3258-NH	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	none found		
2005-04-28	2005-03-11	EM-3211-NH	Emergency	RECORD SNOW	Winter Weather	\$421,408.49		
2005-03-30	2005-01-22	EM-3207-NH	Emergency	RECORD AND/OR NEAR RECORD SNOW	Winter Weather	\$645,634.32		
2003-03-11	2003-02-17	EM-3177-NH	Emergency	SNOW	Winter Weather	\$538,074.62		
2001-03-28	2001-03-05	EM-3166-NH	Emergency	SNOW	Winter Weather	\$871,012.82		
1998-07-02	1998-06-12	DR-1231-NH	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding; Winter Weather	none found		
1996-10-29	1996-10-20	DR-1144-NH	Major disaster	FALL NORTHEASTER RAINSTORM	Inland Flooding	none found		
1993-03-16	1993-03-13	EM-3101-NH	Emergency	BLIZZARDS, HIGH WINDS & RECORD SNOWFALL	Winter Weather	none found		
1991-11-13	1991-10-30	DR-923-NH	Major disaster	COASTAL STORM	Coastal Flooding	none found		
1991-09-09	1991-08-18	DR-917-NH	Major disaster	HURRICANE BOB & SEVERE STORMS	Hurricane	none found		
1987-04-16	1987-03-30	DR-789-NH	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1978-02-16	1978-02-16	DR-549-NH	Major disaster	HIGH WINDS, TIDAL SURGE & COASTAL FLOODING	Coastal Flooding	none found		
1973-07-11	1973-07-11	DR-399-NH	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1972-03-18	1972-03-18	DR-327-NH	Major disaster	COASTAL STORMS	Coastal Flooding	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
1953-07-02	1953-07-02	DR-11-NH	Major disaster	FOREST FIRE	Wildfire		

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	67			5	4		1996 to 2026-06-30	
Cold Wave	21			2	0		1996 to 2026-06-30	Includes 1 Frost/Freeze record, event types the NRI definition of this hazard leaves out.
Drought	23			10	0		1996 to 2026-06-30	
Earthquake	0			0	0			No Storm Events record; local data required (e.g., USGS).
Hail	170			14	0		1955 to 2026-06-30	
Heat Wave	3			1	0		1996 to 2026-06-30	
Hurricane	3			0	3		1996 to 2026-06-30	
Ice Storm	3			0	1		1996 to 2026-06-30	
Inland Flooding	40			7	11		1996 to 2026-06-30	
Landslide	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Lightning	56			0	0		1996 to 2026-06-30	
Strong Wind	323			50	0		1955 to 2026-06-30	Includes 25 High Wind records and 34 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	10			0	1		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

Hazard	Storm Events records <i>full period</i>	Since plan approval <i>records</i>	During plan review <i>records</i>	Last 5 years <i>records</i>	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Wildfire	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	181			18	13		1996 to 2026-06-30	

SOURCES

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

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

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

Notable Storm Events records

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2026-03-01	Drought		\$0 property; \$0 crops, reported for the zone (2026 dollars)	0, 0	NWS zone NHZ014 (COASTAL ROCKINGHAM), zone-level: may include parts of neighboring counties	within last 5 years	B1-c worst recorded: Drought
2024-01-13	Coastal Flood		\$30,000,000 property; \$0 crops, reported for the zone (2024 dollars)	0, 0	NWS zone NHZ014 (COASTAL ROCKINGHAM), zone-level: may include parts of neighboring counties	within last 5 years	B1-c worst recorded: Coastal Flood, Storm Surge/Tide
2017-10-30	High Wind	61 kt (70 mph) estimated gust	\$0 property; crops not reported, reported for the zone (2017 dollars)	0, 0	NWS zone NHZ013 (INTERIOR ROCKINGHAM), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2008-12-11	Ice Storm		\$1,620,000 property; \$0 crops, reported for the zone (2008 dollars)	0, 0	NWS zone NHZ013 (INTERIOR ROCKINGHAM), zone-level: may include parts of neighboring counties		B1-c worst recorded: Ice Storm
2008-07-24	Tornado	EF2, 4.86 mi within this county, 880 yd wide	\$840,000 property; crops not reported (2008 dollars)	1, 2	LEAVITTS HILL to NORTHWOOD NARROWS		deaths or injuries recorded
2001-08-10	Thunderstorm Wind	97 kt (112 mph) measured	damage not reported	0, 0	PORTSMOUTH		B1-c worst recorded: Thunderstorm Wind
2000-06-17	Thunderstorm Wind	speed not recorded	damage not reported	1, 0	WINDHAM		deaths or injuries recorded
2000-01-13	Extreme Cold/Wind Chill		damage not reported	0, 0	NWS zone NHZ014 (COASTAL ROCKINGHAM), zone-level: may include parts of neighboring counties		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
1996-10-20	Flash Flood		\$4,800,000 property; crops not reported (1996 dollars)	0, 0	COUNTYWIDE		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
1996-09-02	Hurricane (Typhoon)		damage not reported	0, 0	NWS zone NHZ014 (COASTAL ROCKINGHAM), zone-level: may include parts of neighboring counties		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
1991-08-18	Thunderstorm Wind	speed not recorded	damage not recorded (pre-1996 record)	3, 11	location not recorded		deaths or injuries recorded

Direct deaths, injuries						
Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	<i>indirect not counted</i>	Location	Flags
1953-06-09	Tornado	F3, 1.5 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	\$25,000 property; crops not recorded (1953 dollars)	0, 5	location not recorded	B1-c worst recorded: Tornado

The full list is in the XLSX file, sheet "B1-d Storm Events history" (900 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	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	8.03	events per year at a location (modeled)	about 8 per year at a given location in the county	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	Descriptor from NRI: the rate at a location is 1 or more a year, so the county rate is at least that.
Cold Wave	1.4	event-days per year	about 1.4 days per year	Likely	event-days in 8 of 30 years, 1996 to 2025 (26.7%)	24.3	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 1.4 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 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. Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Drought	5.59	event-days per year	about 5.59 days per year	Likely	event-days in 5 of 30 years, 1996 to 2025 (16.7%)	266	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	NRI gives about 5.59 drought event-days a year here (its annualized frequency over 25.25 years; not its event count divided by the years), but Storm Events has a record in only 5 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together.
Earthquake	0.00218	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 0.218%			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	2.02	events per year	about 2.02 per year	Highly likely	FEMA annualized frequency (modeled)	78.3 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	4.22	event-days per year	about 4.22 days per year	Possible	event-days in 2 of 30 years, 1996 to 2025 (6.67%)	63.4	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 4.22 heat wave event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 2 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together.
Hurricane	0.137	events per year	about 1 in 7 years	Likely	FEMA annualized frequency (modeled)	56	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	2.03	event-days per year	about 2.03 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	127	1946-12-31 to 2014-02-12 (67 years)	countywide	NRI gives about 2.03 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	1.21	event-days per year	about 1.21 days per year	Likely	event-days in 21 of 30 years, 1996 to 2025 (70%)	34	1996 to 2023 (28 years)	see B1-f	
Landslide	0.587	events per year (modeled)	about 0.59 per year	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	19.8	days per year with a strike	about 19.8 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Strong Wind	0.843	events per year	about 0.84 per year	Likely	FEMA annualized frequency (modeled)	30	1986 to 2023 (38 years)	countywide	
Tornado	0.122	events per year	about 1 in 8 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)			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)
Volcanic Activity		annual probability				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Wildfire	0.0000738	annual probability at a location	chance a given location in the county burns in a year: 0.00738%		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)
Winter Weather	17.1	event-days per year	about 17.1 days per year	Highly likely	event-days in 30 of 30 years, 1996 to 2025 (100%)	296	2005-11-12 to 2024-11-12 (19 years)	countywide	

FEMA annualized frequency (modeled) comes from the National Risk Index v1.20 (December 2025). It is not recorded events divided by years, and what it measures depends on the hazard. For most hazards it estimates how often the hazard affects this county each year: it counts events or event-days (drought, heat wave, cold wave, winter weather, ice storm and inland flooding are in days per year; lightning is the number of days per year with a recorded cloud-to-ground strike, from the NOAA Storm Prediction Center daily lightning climatology); it may count events in the surrounding area (hail, strong wind, tornado, hurricane and ice storm use a 49 km grid and buffers) and is averaged over the county's area; and some hazards use a minimum value for places with no recorded event. Earthquake, wildfire and coastal flooding are different: FEMA computes them for each census block and averages them over the county, so the value is the chance (for coastal flooding, the modeled number of floods per year) at a location in the county, which is lower than the chance that the hazard strikes somewhere in the county. Earthquake is the chance of at least minor-damage shaking (U.S. Geological Survey model); wildfire is the chance that a location burns in a large fire (U.S. Forest Service burn probability); coastal flooding comes from FEMA flood zones and NOAA high-tide flooding, so it can be above 1 where high-tide flooding is frequent. Tsunami is the value at the county's most exposed location, from recorded events and modeled return periods. For these four hazards the packet gives no "1 in N years" and takes the descriptor from Storm Events (none for earthquake) unless the value is 1 or more a year. Landslide is a U.S. Geological Survey modeled county rate spread by slope susceptibility. Volcanic activity is the chance that a volcano affecting the county erupts in a year. Drought counts only extreme and exceptional drought (D3 and D4). Source: FEMA, National Risk Index Technical Documentation v1.20, sections 5.2.2 (Table 5), 5.2.3, 7.4, 10.4, 16.5, 17.1, 17.3.1, 17.5, 20.3.1, 21.4, 22.4 and 6 to 23.

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

Descriptor scale used in this packet (defined per unit)

Unit	Descriptor	Definition
events per year	Highly likely	1 or more per year

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

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

Intensity bands: historical frequency (Storm Events)

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Hail	1.00-1.99 in	1996 to 2025	97	30	3.23
Hail	2.00 in+	1996 to 2025	3	30	0.1
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	217	30	7.23
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	3	30	0.1
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	1	30	0.0333
Tornado	EF0-1	1996 to 2025	0	30	0
Tornado	EF2-3	1996 to 2025	2	30	0.0667
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

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

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

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

Supports B1-f: variation across the planning area

Range of census tract risk within the county

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Avalanche	1 of 72	1.7	1.7	1.7	Very Low 1, Not Applicable 71	
Coastal Flooding	26 of 72	69.8	94.0	99.9	Very High 3, Relatively High 8, Relatively Moderate 5, Relatively Low 5, Very Low 5, No Rating 46	
Cold Wave	72 of 72	15.8	32.6	43.4	Relatively Low 71, 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.
Drought	18 of 72	76.6	91.6	97.5	Relatively Moderate 9, Relatively Low 7, Very Low 2, No Rating 54	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	72 of 72	33.7	63.4	80.0	Relatively Moderate 3, Relatively Low 61, Very Low 8	
Hail	72 of 72	1.5	33.2	43.1	Relatively Low 15, Very Low 57	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	72 of 72	1.7	17.1	33.7	Relatively Low 37, Very Low 35	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	72 of 72	53.5	68.8	81.1	Relatively Moderate 2, Relatively Low 70	
Ice Storm	72 of 72	46.8	80.9	92.4	Relatively High 5, Relatively Moderate 56, Relatively Low 11	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	72 of 72	1.3	43.5	85.3	Relatively High 4, Relatively Moderate 28, Relatively Low 35, Very Low 5	
Landslide	72 of 72	22.4	68.7	93.0	Relatively Low 18, Very Low 54	
Lightning	72 of 72	1.4	47.0	65.6	Relatively Moderate 31, Relatively Low 39, 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.
Strong Wind	72 of 72	11.2	51.9	69.7	Relatively Moderate 30, Relatively Low 41, 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.
Tornado	72 of 72	3.9	46.0	58.0	Relatively Moderate 8, Relatively Low 58, Very Low 6	
Tsunami	0 of 72				Insufficient Data 72	
Volcanic Activity	0 of 72				Not Applicable 72	
Wildfire	72 of 72	20.3	58.8	78.0	Relatively Low 11, Very Low 61	
Winter Weather	72 of 72	15.1	43.6	56.5	Relatively Moderate 21, Relatively Low 50, 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.

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
Portsmouth city	City	Approved, expires 2029-08-20	FMA RL 0, SRL 0; any 2	\$1,165,620.44	18; 1	Includes \$364,640 for declarations not counted as hazard incidents (DR-4516-NH).
Atkinson town	Town	Approved, expires 2030-05-28	FMA RL 0, SRL 0; any 0	\$283,719.68	7; 0	Includes \$5,657.70 for declarations not counted as hazard incidents (DR-4516-NH).
Auburn town	Town	Approved, expires 2030-07-28	FMA RL 0, SRL 0; any 0	\$1,278,353.37	16; 1	
Brentwood town	Town	Approved, expires 2029-03-14	FMA RL 0, SRL 1; any 1	\$304,824.20	7; 0	
Candia town	Town	Approved, expires 2029-04-25	FMA RL 0, SRL 0; any 0	\$400,964.36	12; 0	Includes \$5,543.99 for declarations not counted as hazard incidents (DR-4516-NH).
Chester town	Town	Approved, expires 2029-04-02	FMA RL 0, SRL 0; any 0	\$547,751.36	13; 3	Includes \$31,846.91 for declarations not counted as hazard incidents (DR-4516-NH).
Danville town	Town	Approved, expires 2029-03-20	FMA RL 0, SRL 0; any 0	\$161,018.39	6; 0	
Deerfield town	Town	Approved, expires 2030-11-12	FMA RL 0, SRL 0; any 1	\$1,649,732.36	16; 0	
Derry town	Town	Approved, expires 2031-03-31	FMA RL 0, SRL 0; any 6	\$1,760,263.26	22; 1	Includes \$162,052.73 for declarations not counted as hazard incidents (DR-4516-NH).
East Kingston town	Town	Expired on 2026-07-18	FMA RL 0, SRL 0; any 0	\$212,048.58	6; 0	Includes \$11,631.30 for declarations not counted as hazard incidents (DR-4516-NH).
Epping town	Town	Approved, expires 2029-08-20	FMA RL 0, SRL 0; any 9	\$388,583.55	12; 0	Includes \$7,937.05 for declarations not counted as hazard incidents (DR-4516-NH).
Exeter town	Town	Approved, expires 2030-02-09	FMA RL 4, SRL 2; any 17	\$825,882.28	17; 0	Includes \$200,171.03 for declarations not counted as hazard incidents (DR-4516-NH).
Fremont town	Town	Approved, expires 2027-06-26	FMA RL 1, SRL 1; any 7	\$245,640.43	12; 3	Includes \$13,251.85 for declarations not counted as hazard incidents (DR-4516-NH).
Greenland town	Town	Approved, expires 2028-03-29	FMA RL 0, SRL 1; any 2	\$366,742.19	16; 3	Includes \$27,499.93 for declarations not counted as hazard incidents (DR-4516-NH).
Hampstead town	Town	Approved, expires 2029-07-17	FMA RL 0, SRL 0; any 1	\$364,431.76	9; 0	Includes \$16,572.38 for declarations not counted as hazard incidents (DR-4516-NH).
Hampton Falls town	Town	Approved, expires 2030-04-15	FMA RL 0, SRL 0; any 0	\$301,520.36	6; 0	Includes \$3,344.49 for declarations not counted as hazard incidents (DR-4516-NH).
Hampton town	Town	Approved, expires 2029-04-16	FMA RL 4, SRL 14; any 79	\$1,361,521.89	13; 2	Includes \$112,179.62 for declarations not counted as hazard incidents (DR-4516-NH).

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
Kensington town	Town	Expired on 2026-01-04	FMA RL 0, SRL 0; any 0	\$226,883.26	2; 0	Includes \$20,750.11 for declarations not counted as hazard incidents (DR-4516-NH).
Kingston town	Town	Approved, expires 2029-12-01	FMA RL 0, SRL 0; any 2	\$577,358.79	14; 0	
Londonderry town	Town	Approved, expires 2030-05-19	FMA RL 0, SRL 2; any 4	\$2,000,780.39	23; 0	Includes \$602,890.46 for declarations not counted as hazard incidents (DR-4516-NH).
New Castle town	Town	Approved, expires 2027-02-07	FMA RL 0, SRL 0; any 3	\$545,514.90	7; 1	Includes \$4,833.49 for declarations not counted as hazard incidents (DR-4516-NH).
Newfields town	Town	Expired on 2020-12-20	FMA RL 0, SRL 0; any 0	\$139,450.02	3; 0	
Newington town	Town	Approved, expires 2030-01-05	FMA RL 0, SRL 0; any 0	\$111,346.31	2; 0	Includes \$3,573.62 for declarations not counted as hazard incidents (DR-4516-NH).
Newmarket town	Town	Approved, expires 2031-04-15	FMA RL 0, SRL 0; any 4	\$680,896.12	15; 0	Includes \$42,795.67 for declarations not counted as hazard incidents (DR-4516-NH).
Newton town	Town	Approved, expires 2027-06-13	FMA RL 0, SRL 0; any 0	\$974,954.38	4; 0	Includes \$232,844.82 for declarations not counted as hazard incidents (DR-4516-NH).
North Hampton town	Town	Approved, expires 2029-12-05	FMA RL 0, SRL 1; any 2	\$308,508.26	10; 0	
Northwood town	Town	Approved, expires 2030-06-25	FMA RL 0, SRL 0; any 0	\$218,409.22	7; 0	
Nottingham town	Town	Approved, expires 2029-12-05	FMA RL 0, SRL 0; any 4	\$526,955.51	7; 0	
Plaistow town	Town	Approved, expires 2031-06-09	FMA RL 0, SRL 0; any 0	\$415,818.20	5; 0	Includes \$13,843.97 for declarations not counted as hazard incidents (DR-4516-NH).
Raymond town	Town	Approved, expires 2027-03-03	FMA RL 1, SRL 1; any 11	\$463,546.81	18; 2	
Rye town	Town	Approved, expires 2027-06-14	FMA RL 1, SRL 3; any 17	\$464,473.85	5; 0	Includes \$21,187.21 for declarations not counted as hazard incidents (DR-4516-NH).
Salem town	Town	Approved, expires 2030-05-18	FMA RL 0, SRL 2; any 11	\$2,308,510.14	11; 0	Includes \$343,202.23 for declarations not counted as hazard incidents (DR-4516-NH).
Sandown town	Town	Expired on 2026-09-27	FMA RL 0, SRL 0; any 0	\$230,103.56	5; 0	Includes \$9,138.16 for declarations not counted as hazard incidents (DR-4516-NH).
Seabrook town	Town	Approved, expires 2030-07-20	FMA RL 0, SRL 0; any 3	\$2,777,645.93	7; 0	Includes \$2,335,969.06 for declarations not counted as hazard incidents (DR-4516-NH).
South Hampton town	Town	Approved, expires 2030-09-03	FMA RL 0, SRL 0; any 1	\$113,615.35	0; 0	Includes \$3,412.42 for declarations not counted as hazard incidents (DR-4516-NH).
Stratham town	Town	Expired on 2026-06-01	FMA RL 0, SRL 0; any 1	\$223,562.60	16; 1	

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>	
Windham town	Town	Approved, expires 2030-10-08	FMA RL 0, SRL 0; any 0	\$451,073.12	15; 0	Includes \$22,927.30 for declarations not counted as hazard incidents (DR-4516-NH).

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	Agriculture exposure	Population exposed	EAL buildings	EAL agriculture	EAL population equivalence	EAL as % of exposure	Storm Events damage since plan	Zone-level damage since plan	Public Assistance since plan	Note
	<i>modeled dollars</i>	<i>modeled dollars</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	\$0		under 1	\$0		\$3					building exposure is 0 in NRI
Coastal Flooding	\$3,277,573,274		13,717	\$12,071,901		\$14,101	0.368%				
Cold Wave	\$65,029,314,958	\$28,842,225	314,137	\$960	\$3,152	\$1,927,696	under 0.0001%				
Drought		\$15,596,202			\$1,191,166		7.64% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$110,953,542,759		314,176	\$4,601,565		\$893,595	0.00415%				

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
Hail	\$65,029,314,958	\$28,842,225	314,137	\$18,808	\$179	\$207,129	under 0.0001%				
Heat Wave	\$65,029,314,958	\$28,842,225	314,137	\$1	\$3,593	\$1,112,238	under 0.0001%				
Hurricane	\$65,029,053,989	\$28,842,225	314,135	\$4,639,246	\$185,311	\$149,747	0.00713%				
Ice Storm	\$64,847,531,060		313,508	\$1,503,555		\$106,250	0.00232%				
Inland Flooding	\$64,873,843,284	\$998,023	10,502	\$53,845,820	\$4,987	\$115,970	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	\$1,389,650,938		7,110	\$8,697		\$2,184	0.000626%				
Lightning	\$65,029,314,958		314,137	\$128,280		\$782,423	0.000197%				
Strong Wind	\$65,029,314,958	\$28,842,225	314,137	\$419,032	\$1	\$1,174,282	0.000644%				
Tornado	\$65,029,314,958	\$28,842,225	314,137	\$459,572	\$277	\$3,953,268	0.000707%				
Tsunami											NRI publishes no building exposure for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$9,141,180,642	\$6,610,155	66,164	\$54,568	\$4	\$9,349	0.000597%				
Winter Weather	\$65,029,314,958	\$28,842,225	314,137	\$15,773	\$15	\$153,009	under 0.0001%				

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	314,137
Building value (total, not at risk)	\$65,029,314,958
Agriculture value (total, not at risk)	\$28,842,225
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$79,156,462
Expected annual loss, population equivalence, all hazards (NRI values each statistical life at \$13.7M; a modeled value of expected deaths and injuries, not property damage)	\$10,601,243
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)	12	Severe repetitive loss, FMA definition (44 CFR 77.2)	29
Repetitive loss, NFIP insurance definition	185	Severe repetitive loss, NFIP insurance definition	19

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 total and NFIP communities

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	12	29	185	19	194	4	83
BRENTWOOD, TOWN OF	0	1	1	1	1	0	1
DEERFIELD, TOWN OF	0	0	1	0	1	0	0
DERRY, TOWN OF	0	0	6	0	6	0	4
EPPING, TOWN OF	0	0	9	0	9	0	3

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>
EXETER, TOWN OF	4	2	16	1	17	1	3
FREMONT, TOWN OF	1	1	6	0	7	1	3
HAMPTON, TOWN OF	4	14	75	10	79	1	46
LONDONDERRY, TOWN OF	0	2	2	0	4	1	1
NEW CASTLE, TOWN OF	0	0	3	0	3	0	3
NEWMARKET, TOWN OF	0	0	4	0	4	0	1
NOTTINGHAM, TOWN OF	0	0	4	0	4	0	0
PORTSMOUTH, CITY OF	0	0	2	0	2	0	0
RAYMOND, TOWN OF	1	1	11	1	11	0	4
RYE, TOWN OF	1	3	17	3	17	0	8
SALEM, TOWN OF	0	2	11	2	11	0	2
SEABROOK, TOWN OF	0	0	3	0	3	0	0
SOUTH HAMPTON, TOWN OF	0	0	1	0	1	0	1
STRATHAM, TOWN OF	0	0	1	0	1	0	0
GREENLAND, TOWN OF	0	1	2	1	2	0	0
HAMPSTEAD, TOWN OF	0	0	1	0	1	0	0
KINGSTON, TOWN OF	0	0	2	0	2	0	0
NORTH HAMPTON, TOWN OF	0	1	1	0	2	0	1
SEABROOK BEACH VILLAGE DISTRICT (community ID not in plan data)	0	0	4	0	4	0	0
VILLAGE DISTRICT OF LITTLE BOAR'S HEAD (community ID not in plan data)	1	1	2	0	2	0	2

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
Portsmouth city	330139	0	0	2	0	2	0	0	
Atkinson town	330175	0	0	0	0	0	0	0	
Auburn town	330176	0	0	0	0	0	0	0	
Brentwood town	330125	0	1	1	1	1	0	1	
Candia town	330126	0	0	0	0	0	0	0	
Chester town	330182	0	0	0	0	0	0	0	
Danville town	330199	0	0	0	0	0	0	0	
Deerfield town	330127	0	0	1	0	1	0	0	
Derry town	330128	0	0	6	0	6	0	4	

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
East Kingston town	330203	0	0	0	0	0	0	0	
Epping town	330129	0	0	9	0	9	0	3	
Exeter town	330130	4	2	16	1	17	1	3	
Fremont town	330131	1	1	6	0	7	1	3	
Greenland town	330210	0	1	2	1	2	0	0	
Hampstead town	330211	0	0	1	0	1	0	0	
Hampton Falls town	330133	0	0	0	0	0	0	0	
Hampton town	330132	4	14	75	10	79	1	46	
Kensington town	330216	0	0	0	0	0	0	0	
Kingston town	330217	0	0	2	0	2	0	0	
Londonderry town	330134	0	2	2	0	4	1	1	
New Castle town	330135	0	0	3	0	3	0	3	
Newfields town	330228	0	0	0	0	0	0	0	
Newington town	330229	0	0	0	0	0	0	0	
Newmarket town	330136	0	0	4	0	4	0	1	
Newton town	330240	0	0	0	0	0	0	0	
North Hampton town	330232	0	1	1	0	2	0	1	
Northwood town	330855	0	0	0	0	0	0	0	
Nottingham town	330137	0	0	4	0	4	0	0	
Plaistow town	330138	0	0	0	0	0	0	0	
Raymond town	330140	1	1	11	1	11	0	4	
Rye town	330141	1	3	17	3	17	0	8	
Salem town	330142	0	2	11	2	11	0	2	
Sandown town	330191	0	0	0	0	0	0	0	
Seabrook town	330143	0	0	3	0	3	0	0	
South Hampton town	330193	0	0	1	0	1	0	1	
Stratham town	330197	0	0	1	0	1	0	0	
Windham town	330144	0	0	0	0	0	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	9	16	130	8	138	4	61
2 to 4 unit residential	1	3	23	3	23	0	9
other residential	1	5	15	4	15	0	9
non-residential	1	5	17	4	18	0	4
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 1 property is FMA repetitive loss but not NFIP repetitive loss, and 174 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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

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

gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip, https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx

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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_NH_33015. Preview: automated baseline.