

Plymouth County, MA

Risk-assessment baseline packet

Unit **County area 25023** 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: 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 <i>negative = days since expiry</i>	Update underway	Notes
Bridgewater Town city	Town	Approved, expires 2027-08-10	Town of Bridgewater, MA Hazard Mitigation Plan (FEMA plan 108263)	2022-08-11	2027-08-10	316		
Brockton city	City	Approved, expires 2027-12-13	Brockton Natural Hazard Mitigation Plan (FEMA plan 108309)	2022-12-14	2027-12-13	441		member approved 2022-12-09
Abington town	Town	Approved, expires 2030-02-11	Towns of Abington, Easton, and Stoughton Natural Hazard Mitigation Plan 2023 Update (FEMA plan 109886)	2025-02-12	2030-02-11	1,232		
Carver town	Town	Approved, expires 2027-06-29	Town of Carver Hazard Mitigation Plan 2022 (FEMA plan 108233)	2022-06-30	2027-06-29	274		
Duxbury town	Town	Expired on 2024-01-08	Town of Duxbury Hazard Mitigation Plan 2018 (FEMA plan 105478)	2019-01-09	2024-01-08	-994		
East Bridgewater town	Town	Expired on 2020-11-12	Natural Hazard Mitigation Plan for the Old Colony Region May 2015 (FEMA plan 11350)	2015-11-12	2020-11-12	-2,146		
Halifax town	Town	Approved, expires 2027-02-13	Town of Halifax, Massachusetts Integrated Municipal Vulnerability Preparedness and Hazard Mitigation Plan (MVP-HMP) (FEMA plan 107718)	2022-02-14	2027-02-13	138		
Hanover town	Town	Approved, expires 2030-04-15	Town of Hanover Hazard Mitigation Plan 2024 Update (FEMA plan 109762)	2025-04-16	2030-04-15	1,295		
Hanson town	Town	Approved, expires 2027-01-03	Town of Hanson, Massachusetts Integrated Municipal Vulnerability Preparedness and Hazard Mitigation Plan (MVP-HMP) (FEMA plan 107611)	2022-01-04	2027-01-03	97		
Hingham town	Town	Approved, expires 2027-07-10	Town of Hingham Hazard Mitigation Plan 2022 Update (FEMA plan 108265)	2022-07-11	2027-07-10	285		
Hull town	Town	Approved, expires 2029-09-12	Town of Hull Hazard Mitigation Plan 2024 Update (FEMA plan 109990)	2024-09-13	2029-09-12	1,080		
Kingston town	Town	Approved, expires 2027-09-01	Hazard Mitigation Plan, Kingston, Massachusetts 2022 (FEMA plan 108388)	2022-09-02	2027-09-01	338		
Lakeville town	Town	Approved, expires 2027-09-11	Town of Lakeville Natural Hazard Mitigation Plan 2022 (FEMA plan 108327)	2022-09-12	2027-09-11	348		
Marion town	Town	Approved, expires 2027-01-10	Marion Multi-Hazard Mitigation Plan (FEMA plan 107875)	2022-01-11	2027-01-10	104		
Marshfield town	Town	Approved, expires 2028-12-12	Marshfield Multi-Hazard Mitigation Plan (FEMA plan 109126)	2023-12-13	2028-12-12	806		

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Mattapoisett town	Town	Approved, expires 2031-01-29	Town of Mattapoisett Multi-Hazard Mitigation Plan (FEMA plan 110853)	2026-01-30	2031-01-29	1,584		
Middleborough town	Town	Approved, expires 2029-04-11	Town of Middleborough, MA Hazard Mitigation Plan Update (FEMA plan 109353)	2024-04-12	2029-04-11	926		
Norwell town	Town	Expired on 2025-12-03	Town of Norwell Hazard Mitigation Plan 2020 Update (FEMA plan 106750)	2020-12-04	2025-12-03	-299		
Pembroke town	Town	Approved, expires 2028-02-15	Town of Pembroke, MA Municipal Vulnerability & Hazard Mitigation Plan (FEMA plan 108293)	2023-02-16	2028-02-15	505		
Plymouth town	Town	Approved, expires 2026-12-15	2021 Hazard Mitigation Plan Plymouth, Massachusetts (FEMA plan 107852)	2021-12-16	2026-12-15	78		
Plympton town	Town	Approved, expires 2026-12-07	Plympton Multi-Hazard Mitigation Plan (FEMA plan 107804)	2021-12-08	2026-12-07	70		
Rochester town	Town	Approved, expires 2030-07-20	2024 Hazard Mitigation Plan, Rochester, Massachusetts (FEMA plan 110257)	2025-07-21	2030-07-20	1,391		
Rockland town	Town	Expired on 2024-08-26	Town of Rockland Hazard Mitigation Plan (FEMA plan 105857)	2019-08-27	2024-08-26	-763		
Scituate town	Town	Approved, expires 2027-06-29	2022 Scituate, MA Hazard Mitigation Plan (FEMA plan 108287)	2022-06-30	2027-06-29	274		
Wareham town	Town	Expired on 2025-12-20	Wareham Multi-Hazard Mitigation Plan (FEMA plan 106824)	2020-12-21	2025-12-20	-282		
West Bridgewater town	Town	Approved, expires 2027-11-01	Town of West Bridgewater Multi-Hazard Mitigation Plan (FEMA plan 108481)	2022-11-02	2027-11-01	399		
Whitman town	Town	Approved, expires 2027-01-06	Town of Whitman, Massachusetts Integrated Municipal Vulnerability Preparedness and Hazard Mitigation Plan (MVP-HMP) (FEMA plan 107717)	2022-01-07	2027-01-06	100		

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	EAL agriculture	EAL population equivalence	EAL total (see note)	Storm Events records since 1996	Evidence for an omission	Storm Events coverage note
				<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>modeled dollars per year</i>	<i>count</i>	<i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	
1	Inland Flooding	Relatively Moderate	Relatively High	\$70,400,283	\$497,798	\$461,245	\$71,359,326	81		

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
2	Coastal Flooding	Very High	Very High	\$14,314,229		\$21,828	\$14,336,053	65		
3	Hurricane	Relatively Moderate	Relatively High	\$10,245,702	\$721,624	\$320,704	\$11,288,030	6		
4	Earthquake	Relatively Low	Relatively Moderate	\$4,080,048		\$779,549	\$4,859,597			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
5	Strong Wind	Relatively High	Relatively High	\$1,214,583	\$200	\$1,987,355	\$3,202,139	457		Includes 105 High Wind records and 175 Strong Wind records, event types the NRI definition of this hazard leaves out.
6	Heat Wave	Relatively Moderate	Relatively Moderate	\$3	\$11,003	\$2,535,218	\$2,546,224	3		
7	Cold Wave	Relatively Low	Relatively Moderate	\$1,293	\$7,725	\$1,975,106	\$1,984,124	2		
8	Lightning	Relatively High	Relatively High	\$82,283		\$1,565,714	\$1,647,997	45		
9	Tornado	Relatively Low	Relatively Low	\$1,319,957	\$661	\$220,789	\$1,541,407	3		
10	Drought	Relatively Moderate	Relatively Moderate		\$690,039		\$690,039	8		
11	Ice Storm	Relatively High	Relatively High	\$620,728		\$69,107	\$689,835	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
12	Wildfire	Very Low	Very Low	\$69,236	\$12	\$8,268	\$77,516	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.
13	Winter Weather	Relatively Low	Relatively Low	\$39,578	\$31	\$20,133	\$59,742	119		
14	Hail	Very Low	Very Low	\$19,303	\$224	\$7,457	\$26,985	77		
15	Landslide	Very Low	Very Low	\$3,400		\$566	\$3,966	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.
	Avalanche	Not Applicable	Not Applicable					0	NRI rates avalanche Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30).

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	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.	0 of 110
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.	41 of 110
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	110 of 110
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	67 of 110
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.	110 of 110
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	110 of 110
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	110 of 110
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.	110 of 110
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	110 of 110
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.	110 of 110
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.	110 of 110
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	110 of 110
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	110 of 110
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.	110 of 110
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 110

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 110
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.	105 of 110
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	110 of 110

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)	65, 1997 to 2024 (64 zone-level)		Coastal Flood, 2013-02-09, \$9,200,000 property; \$0 crops, reported for the zone (2013 dollars); NWS zone MAZ019 (EASTERN PLYMOUTH), zone-level: may include parts of neighboring counties		Event records naming member places: Hingham town (1 record). Zone-level records (64) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	2, 2015 to 2016 (2 zone-level)	1 day; 2 with a recorded value	1 consecutive day, 2016-02-14, 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	0					Temperature: in event narratives only; local data required.
Drought	US Drought Monitor D-scale	8, 2012 to 2017 (8 zone-level)	34 days to 155 days (median 94.5 days); 2 with a recorded value	155 days (about 5.1 months), 2016-08-23 to 2017-01-24, a run of 6 consecutive Storm Events drought records, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					No Storm Events record; local data required (e.g., USGS).

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)	82, 1959 to 2025	0.75 in to 2.75 in (median 1 in); 82 with a recorded value	2.75 in hail, 1999-07-06	Hail, 2004-07-02, \$35,000 property; crops not reported (2004 dollars)	Event records naming member places: Plymouth town (13 records), Brockton city (8 records), Duxbury town (4 records), Scituate town (4 records), Whitman town (4 records), Abington town (3 records), Rockland town (3 records), West Bridgewater town (3 records), Carver town (2 records), Halifax town (2 records); and 14 more member places (see the XLSX file).	
Excessive Heat, Heat	heat index (narratives)	3, 2010 to 2018 (3 zone- level)	1 day; 3 with a recorded value	1 consecutive day, 2018-07-03, 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.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	6, 2008 to 2021 (6 zone- level)		Strongest recorded (records with damage, a wind speed or direct casualties first, then storm type, category and wind): Tropical Storm record, 2011-08-28, \$1,600,000 property; \$0 crops, reported for the zone (2011 dollars); NWS zone MAZ018 (WESTERN PLYMOUTH), 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)	0					Ice thickness: in event narratives only; local data required.
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	81, 1996 to 2025 (5 zone- level)		Flood, 2010-03-14, \$16,150,000 property; \$0 crops (2010 dollars)		Event records naming member places: Hingham town (8 records), Plymouth town (7 records), Marion town (6 records), Brockton city (4 records), Kingston town (3 records), Wareham town (3 records), Whitman town (2 records), Carver town (1 record), East Bridgewater town (1 record), Hanover town (1 record); and 2 more member places (see the XLSX file). Zone-level records (5) 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)	45, 1996 to 2024		Lightning, 2010-09-08, \$0 property; \$0 crops (2010 dollars), 1 direct death	Lightning, 2014-10-08, \$300,000 property; \$0 crops (2014 dollars)	Event records naming member places: Hingham town (4 records), Plymouth town (4 records), Brockton city (3 records), Halifax town (3 records), Duxbury town (2 records), Hanover town (2 records), Whitman town (2 records), East Bridgewater town (1 record), Hanson town (1 record), Hull town (1 record); and 9 more member places (see the XLSX file).	Storm Events lists lightning with damage or casualties; physical measure in event narratives only; local data required.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
High Wind and Strong Wind (outside NRI Strong Wind definition)	wind speed (kt and mph)	280, 1996 to 2025 (280 zone-level)	26 kt (30 mph) to 76 kt (87 mph) (median 48 kt (55 mph)); 216 with a recorded value	76 kt (87 mph) measured gust, High Wind, 2021-10-26; NWS zone MAZ019 (EASTERN PLYMOUTH), 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)	197, 1961 to 2025	40 kt (46 mph) to 90 kt (104 mph) (median 50 kt (58 mph)); 181 with a recorded value	90 kt (104 mph), measurement type not recorded, Thunderstorm Wind, 1997-06-22, 1 direct death; same speed and measurement basis also recorded on 1996-05-21	Thunderstorm Wind, 1996-05-21, \$4,000,000 property; crops not reported (1996 dollars)	Event records naming member places: Hingham town (21 records), Plymouth town (10 records), Brockton city (8 records), Whitman town (7 records), Duxbury town (6 records), Pembroke town (6 records), Scituate town (6 records), Halifax town (5 records), Rochester town (5 records), Abington town (3 records); and 11 more member places (see the XLSX file).	
Tornado	Enhanced Fujita (F before Feb 2007)	10, 1958 to 2023	F/EF0 to F/EF2 (median between F/EF0 and F/EF1); 10 with a recorded value	F2 tornado, 1967-11-18, 0.1 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 17 yd wide, \$250 property; crops not recorded (1967 dollars)	Tornado, 1986-09-16, \$250,000 property; crops not recorded (1986 dollars)	Event records naming member places: Plymouth 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.

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)	119, 1996 to 2026 (119 zone-level)		Heavy Snow, 1997-04-01, \$2,500,000 property; crops not reported, reported for the zone (1997 dollars); NWS zone MAZ018 (WESTERN PLYMOUTH), 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 32 Counted incidents 25

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

Federal disaster declarations for this county

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2023-09-15	2023-09-15	EM-3599-MA	Emergency	HURRICANE LEE	Hurricane	\$2,954.08	within last 5 years	
2022-04-18	2022-01-28	DR-4651-MA	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$3,346,871.88	within last 5 years	
2020-03-27	2020-01-20	DR-4496-MA	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$26,700,364.80		
2020-03-13	2020-01-20	EM-3438-MA	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4496
2018-06-25	2018-03-02	DR-4372-MA	Major disaster	SEVERE WINTER STORM AND FLOODING	Inland Flooding; Winter Weather	\$12,430,409.86		
2015-04-13	2015-01-26	DR-4214-MA	Major disaster	SEVERE WINTER STORM, SNOWSTORM, AND FLOODING	Inland Flooding; Winter Weather	\$8,118,237.20		
2013-04-19	2013-02-08	DR-4110-MA	Major disaster	SEVERE WINTER STORM, SNOWSTORM, AND FLOODING	Inland Flooding; Winter Weather	\$5,327,481.26		
2012-12-19	2012-10-27	DR-4097-MA	Major disaster	HURRICANE SANDY	Hurricane	\$1,268,254.30		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance		Flags	Notes
						federal share obligated, nominal dollars			
2012-10-28	2012-10-27	EM-3350-MA	Emergency	HURRICANE SANDY	Hurricane		none found		same incident as DR-4097
2011-09-03	2011-08-27	DR-4028-MA	Major disaster	TROPICAL STORM IRENE	Hurricane		\$2,074,590.38		
2011-08-26	2011-08-26	EM-3330-MA	Emergency	HURRICANE IRENE	Hurricane		none found		same incident as DR-4028
2010-09-02	2010-09-01	EM-3315-MA	Emergency	HURRICANE EARL	Hurricane		\$108,710.03		
2010-03-29	2010-03-12	DR-1895-MA	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding		\$975,580.21		
2007-05-16	2007-04-15	DR-1701-MA	Major disaster	SEVERE STORMS AND INLAND AND COASTAL FLOODING	Coastal Flooding		\$1,322,878.28		
2005-11-10	2005-10-07	DR-1614-MA	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	PA not declared for this county			
2005-09-13	2005-08-29	EM-3252-MA	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted		\$11,866.36		
2005-02-17	2005-01-22	EM-3201-MA	Emergency	RECORD AND/OR NEAR RECORD SNOW	Winter Weather		\$3,169,511.85		
2004-01-15	2003-12-06	EM-3191-MA	Emergency	SNOW	Winter Weather		\$1,816,405.45		
2003-03-11	2003-02-17	EM-3175-MA	Emergency	SNOW	Winter Weather		\$1,677,017.59		
2001-04-10	2001-03-05	DR-1364-MA	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	PA not declared for this county			
1998-06-23	1998-06-13	DR-1224-MA	Major disaster	HEAVY RAINS AND FLOODING	Inland Flooding	PA not declared for this county			
1996-10-25	1996-10-20	DR-1142-MA	Major disaster	EXTREME WEATHER CONDITONS AND FLOODING	Inland Flooding		none found		
1996-10-23	1996-10-20	EM-3119-MA	Emergency	EXTREME WEATHER CONDITIONS AND FLOODING	Inland Flooding		none found		same incident as DR-1142
1996-01-24	1996-01-07	DR-1090-MA	Major disaster	BLIZZARD OF 96	Winter Weather		none found		
1993-03-16	1993-03-13	EM-3103-MA	Emergency	BLIZZARDS, HIGH WINDS & RECORD SNOWFALL	Winter Weather		none found		
1992-12-21	1992-12-11	DR-975-MA	Major disaster	WINTER COASTAL STORM	Coastal Flooding		none found		
1991-11-04	1991-10-30	DR-920-MA	Major disaster	COASTAL STORM	Coastal Flooding		none found		
1991-08-26	1991-08-19	DR-914-MA	Major disaster	HURRICANE BOB	Hurricane		none found		
1985-10-28	1985-09-27	DR-751-MA	Major disaster	HURRICANE GLORIA	Hurricane		none found		
1978-02-10	1978-02-06	DR-546-MA	Major disaster	COASTAL STORMS, FLOOD, ICE & SNOW	Coastal Flooding		none found		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
1972-09-28	1972-09-28	DR-357-MA	Major disaster	TOXIC ALGAE IN COASTAL WATERS	Fishing Losses: economic loss, not a physical hazard event; non-natural, not counted	PA not declared for this county		
1972-03-06	1972-03-06	DR-325-MA	Major disaster	SEVERE STORMS & FLOODING	Inland 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
1955-08-20	1955-08-20	DR-43-MA	Major disaster	HURRICANE & FLOODS	Hurricane (primary); also designated: Inland Flooding		
1954-09-02	1954-09-02	DR-22-MA	Major disaster	HURRICANES	Hurricane (primary); also designated: Inland Flooding		
1953-06-11	1953-06-11	DR-7-MA	Major disaster	TORNADO	Tornado		

FEMA recorded these with designated area Statewide and no county. Listed on every county page in the state; not counted with county rows.
1 Fire Management declaration (1995-09-12 to 1995-09-12) FEMA filed as Statewide with no county; each names one local fire. Listed on the state page.

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	65			10	4		1996 to 2026-06-30	
Cold Wave	2			0	0		1996 to 2026-06-30	
Drought	8			0	0		1996 to 2026-06-30	
Earthquake	0			0	0			No Storm Events record; local data required (e.g., USGS).
Hail	82			6	0		1955 to 2026-06-30	
Heat Wave	3			0	0		1996 to 2026-06-30	
Hurricane	6			0	6		1996 to 2026-06-30	

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
Ice Storm	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Inland Flooding	81			10	9		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	45			4	0		1996 to 2026-06-30	
Strong Wind	477			65	0		1955 to 2026-06-30	Includes 105 High Wind records and 175 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	10			1	0		1950 to 2026-06-30	
Tsunami	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Volcanic Activity	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	119			8	9		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
2023-12-18	Strong Wind	43 kt (49 mph) measured gust	\$0 property; \$0 crops, reported for the zone (2023 dollars)	1, 0	NWS zone MAZ018 (WESTERN PLYMOUTH), zone-level: may include parts of neighboring counties	within last 5 years	deaths or injuries recorded
2021-10-26	High Wind	76 kt (87 mph) measured gust	\$1,660,000 property; \$0 crops, reported for the zone (2021 dollars)	0, 0	NWS zone MAZ019 (EASTERN PLYMOUTH), zone-level: may include parts of neighboring counties	within last 5 years	B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2018-07-03	Excessive Heat		\$0 property; \$0 crops, reported for the zone (2018 dollars)	0, 0	NWS zone MAZ019 (EASTERN PLYMOUTH), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat
2016-04-03	Strong Wind	43 kt (49 mph) estimated gust	\$15,000 property; \$0 crops, reported for the zone (2016 dollars)	2, 0	NWS zone MAZ018 (WESTERN PLYMOUTH), zone-level: may include parts of neighboring counties		deaths or injuries recorded

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2016-02-14	Extreme Cold/ Wind Chill		\$0 property; \$0 crops, reported for the zone (2016 dollars)	0, 0	NWS zone MAZ019 (EASTERN PLYMOUTH), zone-level: may include parts of neighboring counties		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2013-02-09	Coastal Flood		\$9,200,000 property; \$0 crops, reported for the zone (2013 dollars)	0, 0	NWS zone MAZ019 (EASTERN PLYMOUTH), zone-level: may include parts of neighboring counties		B1-c worst recorded: Coastal Flood, Storm Surge/Tide
2011-08-28	Tropical Storm		\$1,600,000 property; \$0 crops, reported for the zone (2011 dollars)	0, 0	NWS zone MAZ018 (WESTERN PLYMOUTH), zone-level: may include parts of neighboring counties		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2010-09-08	Lightning		\$0 property; \$0 crops (2010 dollars)	1, 0	PLYMOUTH		B1-c worst recorded: Lightning
2010-03-14	Flood		\$16,150,000 property; \$0 crops (2010 dollars)	0, 0	HANOVER to COCHESETT		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
1997-06-22	Thunderstorm Wind	90 kt (104 mph), measurement type not recorded	damage not reported	1, 0	HULL		B1-c worst recorded: Thunderstorm Wind
1967-11-18	Tornado	F2, 0.1 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 17 yd wide	\$250 property; crops not recorded (1967 dollars)	0, 0	location not recorded		B1-c worst recorded: Tornado
1958-09-07	Tornado	F0, 33 yd wide	\$2,500 property; crops not recorded (1958 dollars)	1, 1	location not recorded		deaths or injuries recorded

The full list is in the XLSX file, sheet "B1-d Storm Events history" (898 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		events per year					1994 to 2023 (30 years)	see B1-f	Not Applicable in NRI for this county; no descriptor.
Coastal Flooding	7.14	events per year at a location (modeled)	about 7.1 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	1.03	event-days per year	about 1.03 days per year	Possible	event-days in 2 of 30 years, 1996 to 2025 (6.67%)	12.4	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 1.03 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 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. Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	3.15	event-days per year	about 3.15 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	203	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	NRI gives about 3.15 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 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.
Earthquake	0.00145	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.145%			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	1.28	events per year	about 1.28 per year	Highly likely	FEMA annualized frequency (modeled)	55.1 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	5.09	event-days per year	about 5.09 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	53.5	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 5.09 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 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.

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	0.174	events per year	about 1 in 6 years	Likely	FEMA annualized frequency (modeled)	54	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	0.618	event-days per year	about 0.618 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	31	1946-12-31 to 2014-02-12 (67 years)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned
Inland Flooding	2.32	event-days per year	about 2.32 days per year	Likely	event-days in 25 of 30 years, 1996 to 2025 (83.3%)	65	1996 to 2023 (28 years)	see B1-f	
Landslide	0.191	events per year (modeled)	about 1 in 5 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	18.7	days per year with a strike	about 18.7 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.659	events per year	about 0.66 per year	Likely	FEMA annualized frequency (modeled)	18	1986 to 2023 (38 years)	countywide	
Tornado	0.144	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)			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	0.0000509	annual probability at a location	chance a given location in the county burns in a year: 0.00509%		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	11.1	event-days per year	about 11.1 days per year	Highly likely	event-days in 27 of 30 years, 1996 to 2025 (90%)	134	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	36	30	1.2
Hail	2.00 in+	1996 to 2025	4	30	0.133
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	159	30	5.3
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	4	30	0.133
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	14	30	0.467

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Tornado	EF0-1	1996 to 2025	3	30	0.1
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	0 of 110				Not Applicable 110	
Coastal Flooding	41 of 110	70.3	96.3	99.9	Very High 2, Relatively High 24, Relatively Moderate 6, Relatively Low 3, Very Low 6, No Rating 69	
Cold Wave	110 of 110	19.9	27.1	38.1	Relatively Low 110	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	67 of 110	68.9	81.0	95.2	Relatively Moderate 6, Relatively Low 33, Very Low 28, No Rating 43	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	110 of 110	21.9	48.7	80.3	Relatively Moderate 2, Relatively Low 73, Very Low 35	
Hail	110 of 110	1.2	4.4	14.7	Very Low 110	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	110 of 110	5.9	25.8	52.3	Relatively Low 82, Very Low 28	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	110 of 110	57.2	74.0	83.4	Relatively Moderate 26, Relatively Low 84	
Ice Storm	110 of 110	8.7	46.7	82.1	Relatively Moderate 5, Relatively Low 83, Very Low 22	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	110 of 110	0.8	38.8	89.8	Relatively High 6, Relatively Moderate 35, Relatively Low 53, Very Low 16	

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Landslide	110 of 110	14.3	54.0	91.8	Relatively Low 3, Very Low 107	
Lightning	110 of 110	22.3	51.6	74.5	Relatively Moderate 61, Relatively Low 49	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	110 of 110	26.0	58.2	79.7	Relatively Moderate 67, Relatively Low 43	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	110 of 110	4.4	22.7	38.6	Relatively Low 14, Very Low 96	
Tsunami	0 of 110				Insufficient Data 110	
Volcanic Activity	0 of 110				Not Applicable 110	
Wildfire	105 of 110	18.5	49.7	77.2	Relatively Low 10, Very Low 95, No Rating 5	
Winter Weather	110 of 110	16.1	22.7	30.9	Relatively Low 97, Very Low 13	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
Bridgewater Town city	Town	Approved, expires 2027-08-10	FMA RL 0, SRL 0; any 2	none found	0; 0	
Brockton city	City	Approved, expires 2027-12-13	FMA RL 0, SRL 2; any 40	\$2,813,814.10	23; 1	
Abington town	Town	Approved, expires 2030-02-11	FMA RL 0, SRL 0; any 0	\$553,189.16	6; 0	
Carver town	Town	Approved, expires 2027-06-29	FMA RL 0, SRL 0; any 1	\$808,800.89	3; 0	
Duxbury town	Town	Expired on 2024-01-08	FMA RL 1, SRL 13; any 66	\$4,627,285.84	12; 1	Includes \$32,740.37 for declarations not counted as hazard incidents (DR-4496-MA).
East Bridgewater town	Town	Expired on 2020-11-12	FMA RL 0, SRL 0; any 1	\$570,170.99	5; 2	
Halifax town	Town	Approved, expires 2027-02-13	FMA RL 0, SRL 0; any 0	\$356,914.71	10; 1	

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Hanover town	Town	Approved, expires 2030-04-15	FMA RL 0, SRL 0; any 0	\$2,529,295.36	8; 0	Includes \$1,750,066.07 for declarations not counted as hazard incidents (DR-4496-MA).
Hanson town	Town	Approved, expires 2027-01-03	FMA RL 0, SRL 0; any 0	\$473,322.28	5; 0	
Hingham town	Town	Approved, expires 2027-07-10	FMA RL 0, SRL 3; any 10	\$4,245,986.53	35; 1	Includes \$2,383,064.87 for declarations not counted as hazard incidents (DR-4496-MA).
Hull town	Town	Approved, expires 2029-09-12	FMA RL 2, SRL 34; any 259	\$2,484,044.88	6; 0	Includes \$84,842.28 for declarations not counted as hazard incidents (DR-4496-MA).
Kingston town	Town	Approved, expires 2027-09-01	FMA RL 0, SRL 0; any 0	\$698,603.88	4; 0	Includes \$8,105.14 for declarations not counted as hazard incidents (EM-3252-MA).
Lakeville town	Town	Approved, expires 2027-09-11	FMA RL 0, SRL 0; any 2	\$416,084.29	4; 0	
Marion town	Town	Approved, expires 2027-01-10	FMA RL 0, SRL 0; any 6	\$437,398.81	11; 1	
Marshfield town	Town	Approved, expires 2028-12-12	FMA RL 6, SRL 44; any 186	\$4,939,988.69	3; 0	
Mattapoisett town	Town	Approved, expires 2031-01-29	FMA RL 0, SRL 0; any 10	\$312,000.66	3; 0	
Middleborough town	Town	Approved, expires 2029-04-11	FMA RL 0, SRL 0; any 1	\$872,231.97	0; 0	
Norwell town	Town	Expired on 2025-12-03	FMA RL 0, SRL 0; any 1	\$496,908.04	5; 0	
Pembroke town	Town	Approved, expires 2028-02-15	FMA RL 0, SRL 0; any 0	\$632,285.84	9; 0	
Plymouth town	Town	Approved, expires 2026-12-15	FMA RL 2, SRL 7; any 45	\$1,720,441.93	35; 2	
Plympton town	Town	Approved, expires 2026-12-07	FMA RL 0, SRL 0; any 0	\$164,018.85	2; 0	
Rochester town	Town	Approved, expires 2030-07-20	FMA RL 0, SRL 0; any 0	\$410,391.96	7; 0	
Rockland town	Town	Expired on 2024-08-26	FMA RL 0, SRL 0; any 0	\$971,083.85	5; 1	Includes \$65,692 for declarations not counted as hazard incidents (DR-4496-MA).
Scituate town	Town	Approved, expires 2027-06-29	FMA RL 18, SRL 171; any 537	\$8,270,744.51	12; 1	
Wareham town	Town	Expired on 2025-12-20	FMA RL 0, SRL 3; any 21	\$1,078,613.48	4; 0	

Member	Type	Plan status	Repetitive loss	Public Assistance matched	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>federal share obligated, nominal dollars</i>	<i>all years; since the member's plan</i>	
West Bridgewater town	Town	Approved, expires 2027-11-01	FMA RL 0, SRL 0; any 0	\$421,918.50	6; 0	
Whitman town	Town	Approved, expires 2027-01-06	FMA RL 0, SRL 0; any 1	\$347,098.83	15; 0	

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

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

SOURCES

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

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

Local data required

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

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

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

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

Hazard	Building exposure	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>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											Not Applicable in NRI for this county
Coastal Flooding	\$8,567,076,367		35,642	\$14,314,229		\$21,828	0.167%				
Cold Wave	\$115,081,264,762	\$92,622,203	530,320	\$1,293	\$7,725	\$1,975,106	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 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
Drought		\$71,289,181			\$690,039		0.968% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$195,481,701,179		530,819	\$4,080,048		\$779,549	0.00209%				
Hail	\$115,081,264,762	\$92,622,203	530,320	\$19,303	\$224	\$7,457	under 0.0001%				
Heat Wave	\$115,081,264,762	\$92,622,203	530,320	\$3	\$11,003	\$2,535,218	under 0.0001%				
Hurricane	\$115,079,871,287	\$92,622,203	530,307	\$10,245,702	\$721,624	\$320,704	0.0089%				
Ice Storm	\$113,214,701,823		522,092	\$620,728		\$69,107	0.000548%				
Inland Flooding	\$114,879,203,462	\$23,971,768	30,563	\$70,400,283	\$497,798	\$461,245	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	\$1,922,568,645		8,074	\$3,400		\$566	0.000177%				
Lightning	\$115,081,264,762		530,320	\$82,283		\$1,565,714	under 0.0001%				
Strong Wind	\$115,081,264,762	\$92,622,203	530,320	\$1,214,583	\$200	\$1,987,355	0.00106%				
Tornado	\$115,081,264,762	\$92,622,203	530,320	\$1,319,957	\$661	\$220,789	0.00115%				
Tsunami											NRI publishes no building exposure for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$15,817,615,588	\$31,261,760	89,492	\$69,236	\$12	\$8,268	0.000438%				
Winter Weather	\$115,081,264,762	\$92,622,203	530,320	\$39,578	\$31	\$20,133	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	530,320
Building value (total, not at risk)	\$115,081,264,762
Agriculture value (total, not at risk)	\$92,622,203
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$104,339,943
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)	\$9,973,041
Social vulnerability rating	Very Low
Community resilience rating	Very High
NRI version	December 2025

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

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

Supports B2-c: repetitive loss

Repetitive loss in this county, both definitions

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	29	Severe repetitive loss, FMA definition (44 CFR 77.2)	277
Repetitive loss, NFIP insurance definition	1,162	Severe repetitive loss, NFIP insurance definition	242

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	29	277	1,162	242	1,191	27	649
BRIDGEWATER, TOWN OF	0	0	2	0	2	0	0
BROCKTON, CITY OF	0	2	40	2	40	0	17
CARVER, TOWN OF	0	0	1	0	1	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>
DUXBURY, TOWN OF	1	13	65	11	66	0	42
EAST BRIDGEWATER, TOWN OF	0	0	1	0	1	0	0
HINGHAM, TOWN OF	0	3	10	3	10	0	2
HULL, TOWN OF	2	34	258	32	259	1	144
LAKEVILLE, TOWN OF	0	0	2	0	2	0	1
MARSHFIELD, TOWN OF	6	44	180	38	186	6	100
MIDDLEBOROUGH, TOWN OF	0	0	1	0	1	0	0
NORWELL, TOWN OF	0	0	1	0	1	0	0
PLYMOUTH, TOWN OF	2	7	44	6	45	1	12
SCITUATE, TOWN OF	18	171	517	147	537	19	324
WHITMAN, TOWN OF	0	0	1	0	1	0	0
MARION, TOWN OF	0	0	6	0	6	0	1
MATTAPOISETT, TOWN OF	0	0	10	0	10	0	2
WAREHAM, TOWN OF	0	3	21	3	21	0	4
Unknown (community ID Unknown in FEMA data)	0	0	2	0	2	0	0

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

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Bridgewater Town city	250260	0	0	2	0	2	0	0	
Brockton city	250261	0	2	40	2	40	0	17	
Abington town	250259	0	0	0	0	0	0	0	
Carver town	250262	0	0	1	0	1	0	0	
Duxbury town	250263	1	13	65	11	66	0	42	
East Bridgewater town	250264	0	0	1	0	1	0	0	
Halifax town	250265	0	0	0	0	0	0	0	
Hanover town	250266	0	0	0	0	0	0	0	
Hanson town	250267	0	0	0	0	0	0	0	
Hingham town	250268	0	3	10	3	10	0	2	
Hull town	250269	2	34	258	32	259	1	144	
Kingston town	250270	0	0	0	0	0	0	0	
Lakeville town	250271	0	0	2	0	2	0	1	
Marion town	255213	0	0	6	0	6	0	1	

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
Marshfield town	250273	6	44	180	38	186	6	100	
Mattapoisett town	255214	0	0	10	0	10	0	2	
Middleborough town	250275	0	0	1	0	1	0	0	
Norwell town	250276	0	0	1	0	1	0	0	
Pembroke town	250277	0	0	0	0	0	0	0	
Plymouth town	250278	2	7	44	6	45	1	12	
Plympton town	250279	0	0	0	0	0	0	0	
Rochester town	250280	0	0	0	0	0	0	0	
Rockland town	250281	0	0	0	0	0	0	0	
Scituate town	250282	18	171	517	147	537	19	324	
Wareham town	255223	0	3	21	3	21	0	4	
West Bridgewater town	250284	0	0	0	0	0	0	0	
Whitman town	250285	0	0	1	0	1	0	0	

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

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

SOURCES

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

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

County repeat-flood properties by occupancy group

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	27	245	1,049	214	1,074	23	608
2 to 4 unit residential	2	10	51	8	53	2	22
other residential	0	8	17	7	18	1	11
non-residential	0	14	45	13	46	1	8
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 9 properties are FMA repetitive loss but not NFIP repetitive loss, and 1,142 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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

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

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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_MA_25023. Preview: automated baseline.