

Norfolk County, MA

Risk-assessment baseline packet

County FIPS: 25021 Release: 2026-10 Data as of: 2026-09-30 Storm Events data through: 2026-06-30

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

Summary

Plan status as of 2026-09-30: No county-level plan row in FEMA data.

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$103,067,766 a year), Hurricane (\$15,628,146) and Earthquake (\$8,881,734).

The tables that follow are organized by the items of FEMA's Local Mitigation Plan Review Tool, Element B (B1-a to B2-c); each heading says which item its tables support.

TERMS USED

EAL: expected annual loss: FEMA's modeled average yearly loss from a hazard.

NRI: FEMA's National Risk Index (version 1.20, December 2025).

NFIP: National Flood Insurance Program.

RL, SRL: repetitive loss and severe repetitive loss: flood-insured properties with repeated claims (definitions in B2-c).

FMA, HMGP: Flood Mitigation Assistance and Hazard Mitigation Grant Program, FEMA mitigation grants.

PA: FEMA Public Assistance: disaster aid to governments and some nonprofits.

Zone-level: NOAA logged the event for a National Weather Service forecast zone, which may include parts of neighboring counties.

County-coded: NOAA logged the event to this county.

FIPS: the federal code for a place; 25021 is this area.

D0 to D4: U.S. Drought Monitor categories, from abnormally dry (D0) to exceptional drought (D4).

F/EF, EFU: Fujita and Enhanced Fujita tornado ratings; EFU is an unrated tornado.

kt, CONUS: knots (1 kt is about 1.15 mph); the contiguous United States.

CFR: Code of Federal Regulations.

A4-a, E1-a: other items of FEMA's Local Mitigation Plan Review Tool (sources, and changes since the last plan).

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

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Plan clock

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: 1, 2, 4, 6 (numbered list at the end)

Plan status for every jurisdiction listed in this county: 29 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" on the following pages.

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

Plan clock

Plan status for every jurisdiction listed in this county

Source: 1

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway
Braintree Town city	City	Approved, expires 2029-11-19	Town of Braintree, MA Hazard Mitigation Plan Update April 2024 (FEMA plan 109891)	2024-11-20	2029-11-19	1,146	
Franklin Town city	Town	Expired on 2026-01-21	Town of Franklin Hazard Mitigation Plan 2020 Update (FEMA plan 106880)	2021-01-22	2026-01-21	-252	
Quincy city	City	Approved, expires 2030-12-04	City of Quincy Multi-Hazard Mitigation Plan (FEMA plan 110472)	2025-12-05	2030-12-04	1,526	
Randolph Town city	Town	Expired on 2021-09-20	Town of Randolph Hazard Mitigation Plan 2014 Update (FEMA plan 12264)	2016-09-20	2021-09-20	-1,836	
Weymouth Town city	Town	Approved, expires 2026-11-28	Town of Weymouth Hazard Mitigation Plan 2021 Update (FEMA plan 107812)	2021-11-29	2026-11-28	59	
Avon town	Town	Approved, expires 2027-01-10	Town of Avon Massachusetts Hazard Mitigation Plan and Municipal Vulnerability Report (FEMA plan 107770)	2022-01-11	2027-01-10	102	
Bellingham town	Town	Expired on 2025-11-03	Town of Bellingham Hazard Mitigation Plan 2020 Update (FEMA plan 106813)	2020-11-04	2025-11-03	-331	
Brookline town	Town	Approved, expires 2028-11-27	Town of Brookline, MA Hazard Mitigation Plan Update June 2023 (FEMA plan 109173)	2023-11-28	2028-11-27	789	
Canton town	Town	Expired on 2023-06-21	Town of Canton Hazard Mitigation Plan 2017 Update (Draft) (FEMA plan 104767)	2018-06-22	2023-06-21	-1,197	
Cohasset town	Town	Expired on 2025-11-11	Town of Cohasset Hazard Mitigation Plan 2020 Update (FEMA plan 106725)	2020-11-12	2025-11-11	-323	
Dedham town	Town	Expired on 2026-02-23	2020 Hazard Mitigation Plan Update Town of Dedham, Massachusetts (FEMA plan 106745)	2021-02-24	2026-02-23	-219	
Dover town	Town	Approved, expires 2027-09-25	Town of Dover Draft Hazard Mitigation Plan 2022 Update (FEMA plan 108146)	2022-09-26	2027-09-25	360	
Foxborough town	Town	Expired on 2025-10-14	Town of Foxborough Hazard Mitigation Plan (FEMA plan 106686)	2020-10-15	2025-10-14	-351	
Holbrook town	Town	No approved plan on record	none	none	none		FEMA tracker shows a plan in review
Medfield town	Town	Expired on 2024-09-19	Town of Medfield Hazard Mitigation Plan 2019 Update (FEMA plan 105925)	2019-09-20	2024-09-19	-741	
Medway town	Town	Approved, expires 2030-01-12	Town of Medway Hazard Mitigation Plan 2024 Update (FEMA plan 109747)	2025-01-13	2030-01-12	1,200	
Millis town	Town	Approved, expires 2030-11-12	Town of Millis Hazard Mitigation Plan 2025 Update (FEMA plan 110882)	2025-11-13	2030-11-12	1,504	
Milton town	Town	Approved, expires 2027-01-06	Town of Milton Hazard Mitigation Plan 2021 Update (FEMA plan 107811)	2022-01-07	2027-01-06	98	
Needham town	Town	Expired on 2026-01-21	Town of Needham Hazard Mitigation Plan 2020 Update (FEMA plan 106729)	2021-01-22	2026-01-21	-252	
Norfolk town	Town	Approved, expires 2029-02-27	Town of Norfolk Hazard Mitigation Plan 2023 Update (FEMA plan 109227)	2024-02-28	2029-02-27	881	

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway
						<i>negative = days since expiry</i>	
Norwood town	Town	Approved, expires 2030-09-15	Town of Norwood Hazard Mitigation Plan 2024 Update (FEMA plan 110315)	2025-09-16	2030-09-15	1,446	
Plainville town	Town	Expired on 2013-04-02	Southeastern Regional Planning and Economic Development District (SRPEDD) (FEMA plan 12041)	2008-04-03	2013-04-02	-4,929	
Sharon town	Town	Approved, expires 2030-10-19	Town of Sharon Hazard Mitigation Plan 2024 Update (FEMA plan 110410)	2025-10-20	2030-10-19	1,480	
Stoughton 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	1,230	
Walpole town	Town	Expired on 2022-05-31	Town of Walpole Hazard Mitigation Plan Draft 2017 Plan Update (FEMA plan 104203)	2017-06-01	2022-05-31	-1,583	
Wellesley town	Town	Approved, expires 2029-02-22	Town of Wellesley, MA Hazard Mitigation Plan (FEMA plan 109310)	2024-02-23	2029-02-22	876	
Westwood town	Town	Approved, expires 2029-04-11	Westwood, MA Hazard Mitigation Plan 2022 Update February 2023 (FEMA plan 108925)	2024-04-12	2029-04-11	924	
Wrentham town	Town	Expired on 2023-11-26	Town of Wrentham Hazard Mitigation Plan 2018 Update (FEMA plan 105354)	2018-11-27	2023-11-26	-1,039	
Name not given in FEMA data (ID NM01_12386)	College/University	Expired on 2021-05-12	University of Massachusetts Multi-Campus Hazard Mitigation Plan (FEMA plan 12383)	2016-05-12	2021-05-12	-1,967	

Supports FEMA checklist item B1-a: hazard identification

Hazards NRI does not cover (local data needed)

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

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

Sources: 5, 6

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
1	Inland Flooding	Relatively High	Relatively High	\$102,429,843	\$24	\$637,899	\$103,067,766	148	
2	Hurricane	Relatively Moderate	Relatively High	\$15,130,182	\$51,197	\$446,768	\$15,628,146	6	
3	Earthquake	Relatively Moderate	Relatively Moderate	\$7,106,937	n/a	\$1,774,797	\$8,881,734		Storm Events does not record earthquakes.
4	Coastal Flooding	Relatively High	Relatively High	\$5,070,024	n/a	\$20,621	\$5,090,645	71	
5	Heat Wave	Relatively Moderate	Relatively Moderate	\$5	\$914	\$3,861,543	\$3,862,462	30	
6	Cold Wave	Relatively Moderate	Relatively Moderate	\$2,308	\$689	\$3,321,296	\$3,324,293	9	
7	Tornado	Relatively Moderate	Relatively Moderate	\$2,798,739	\$65	\$389,797	\$3,188,601	8	
8	Lightning	Relatively High	Relatively High	\$202,168	n/a	\$1,049,609	\$1,251,777	56	
9	Ice Storm	Relatively High	Relatively High	\$1,155,664	n/a	\$35,116	\$1,190,780	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
10	Strong Wind	Relatively Moderate	Relatively Moderate	\$650,411	under \$1	\$488,760	\$1,139,170	606	Includes 189 High Wind and 190 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
11	Drought	Relatively Low	Relatively Low	n/a	\$97,921	n/a	\$97,921	13	

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
12	Winter Weather	Relatively Low	Relatively Moderate	\$56,415	\$3	\$24,851	\$81,269	166	
13	Wildfire	Very Low	Very Low	\$55,475	\$1	\$5,391	\$60,867	1	
14	Hail	Very Low	Very Low	\$32,194	\$44	\$10,374	\$42,613	75	
15	Landslide	Relatively Low	Relatively Low	\$8,740	n/a	\$636	\$9,376	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Tsunami	Insufficient Data	Insufficient Data	n/a	n/a	n/a	n/a	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).

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

NRI risk rating combines expected annual loss with social vulnerability and community resilience; EAL rating rates expected annual loss alone. Both compare this county with all U.S. counties.

Local data needed: state and local landslide and tsunami records (Storm Events records these hazards only in part).

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

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

Supports FEMA checklist item B1-b: hazard location

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

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

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

Source: 5

Hazard	Highest-rated census tracts <i>NRI risk rating, score 0 to 100</i>
Earthquake	tract 4191 (Relatively Moderate, 80.6); tract 4035.01 (Relatively Moderate, 79.8); tract 4041 (Relatively Moderate, 79.0)
Hurricane	tract 4191 (Relatively Moderate, 83.6); tract 4035.01 (Relatively Moderate, 82.9); tract 4571 (Relatively Moderate, 82.8)
Landslide	tract 4051 (Relatively Low, 92.3); tract 4231.02 (Relatively Low, 88.4); tract 4412.03 (Relatively Low, 87.7)
Tornado	tract 4035.01 (Relatively Low, 46.7); tract 4034 (Relatively Low, 43.8); tract 4051 (Relatively Low, 42.4)
Tsunami	no tract has a National Risk Index rating for this hazard
Wildfire	tract 4051 (Relatively Low, 82.7); tract 4034 (Relatively Low, 74.3); tract 4061.02 (Relatively Low, 72.6)

Up to 3 census tracts per hazard, highest National Risk Index rating first, then highest score; a tract number is the Census tract number (for example 4191 is Census Tract 4191). FEMA's Resilience Analysis and Planning Tool maps the National Risk Index for every tract: <https://www.fema.gov/emergency-managers/practitioners/resilience-analysis-and-planning-tool>

Supports FEMA checklist item B1-c: hazard extent

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

Sources: 6, 7

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Coastal Flood, Storm Surge/ Tide	none in data (flood depth: FIRM)	71 records, 1996 to 2024 (70 zone-level)		Coastal Flood, 2013-02-09, \$9,200,000 property; \$0 crops (2013 dollars); NWS zone MAZ019		Event records naming jurisdictions in the plan: Quincy city (1 record). Zone-level records (70) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	9 records, 1999 to 2018 (9 zone-level)	1 day to 2 days (median 1 day); 6 with a recorded value	2 consecutive days, 2007-02-03 to 2007-02-04, 1 direct death, zone-level		Countywide (zone-level records).	Cold/Wind Chill records from May to September (a frost night, not a cold wave) are counted but not used for the longest run.
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	0					
Drought	U.S. Drought Monitor scale (D0 to D4)	13 records, 1999 to 2017 (13 zone-level)	1 day to 183 days (median 17.5 days); 4 with a recorded value	183 days (about 6.0 months), 2016-07-26 to 2017-01-24, a run of 9 consecutive Storm Events drought records, zone-level		Countywide (zone-level records).	Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	hail size (inches)	82 records, 1965 to 2024	0.75 in to 2 in (median 0.88 in); 82 with a recorded value	2 in hail, 2020-06-28; same size also recorded on 1969-04-19		Event records naming jurisdictions in the plan: Foxborough town (5 records), Needham town (5 records), Bellingham town (4 records), Stoughton town (4 records), Walpole town (4 records), Wrentham town (4 records), Avon town (3 records), Medway town (3 records), Norfolk town (3 records), Quincy city (3 records); and 9 more jurisdictions (see the Excel file).	
Excessive Heat, Heat	heat index (in event narratives)	30 records, 1996 to 2018 (30 zone-level)	1 day to 3 days (median 1 day); 14 with a recorded value	3 consecutive days, 1999-09-07 to 1999-09-09, zone-level		Countywide (zone-level records).	Heat records from November to March (unseasonable warmth, not a heat wave) are counted but not used for the longest run.
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	6 records, 2011 to 2021 (6 zone-level)		Strongest recorded: Tropical Storm record, 2011-08-28, \$3,500,000 property; \$0 crops (2011 dollars); NWS zone MAZ013		Countywide (zone-level records).	Storm Events files every zone of a storm's episode under the storm's type; flooding from the storm is filed as Flood or Flash Flood records.

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Ice Storm	Sperry-Piltz ice scale (local data)	0					
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	148 records, 1996 to 2025 (11 zone-level)		Flash Flood, 2020-06-28, \$30,000,000 property; \$0 crops (2020 dollars)		Event records naming jurisdictions in the plan: Walpole town (8 records), Quincy city (6 records), Brookline town (5 records), Holbrook town (4 records), Needham town (4 records), Norwood town (4 records), Dover town (3 records), Sharon town (3 records), Wellesley town (3 records), Wrentham town (3 records); and 10 more jurisdictions (see the Excel file). Zone-level records (11) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage is often \$0 or blank for floods, major ones included; FEMA Public Assistance by declaration (B1-d) shows which floods cost the most.
Debris Flow	none (count and damage only)	0					
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	56 records, 1996 to 2023		Lightning, 2009-05-24, \$1,000,000 property; \$0 crops (2009 dollars)		Event records naming jurisdictions in the plan: Milton town (5 records), Sharon town (4 records), Stoughton town (3 records), Wrentham town (3 records), Needham town (2 records), Norfolk town (2 records), Norwood town (2 records), Plainville town (2 records), Quincy city (2 records), Bellingham town (1 record); and 7 more jurisdictions (see the Excel file).	Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	379 records, 1996 to 2025 (379 zone-level)	27 kt (31 mph) to 85 kt (98 mph) (median 50 kt (58 mph)); 314 with a recorded value	85 kt (98 mph) measured gust, High Wind, 2006-01-18; NWS zone MAZ016	High Wind, 2012-10-29, \$3,000,000 property; \$0 crops (zone total, 2012 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	254 records, 1956 to 2026	40 kt (46 mph) to 70 kt (81 mph) (median 50 kt (58 mph)); 236 with a recorded value	70 kt (81 mph), measurement type not recorded, Thunderstorm Wind, 1999-07-06	Thunderstorm Wind, 2016-07-22, \$50,000 property; \$0 crops (2016 dollars)	Event records naming jurisdictions in the plan: Walpole town (14 records), Brookline town (13 records), Medway town (13 records), Milton town (11 records), Wellesley town (11 records), Needham town (9 records), Quincy city (9 records), Foxborough town (8 records), Wrentham town (8 records), Medfield town (6 records); and 13 more jurisdictions (see the Excel file).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	15 records, 1953 to 2023	F/EF0 to F/EF3 (median F/EF0); 15 with a recorded value	F3 tornado, 1953-06-09, 13.1 mi path length (whole path, pre-1996), 667 yd wide, \$2,500,000 property; crops not recorded (1953 dollars), 15 direct injuries		Event records naming jurisdictions in the plan: Stoughton town (2 records), Bellingham town (1 record), Millis town (1 record), Wrentham town (1 record).	Before 1996 a tornado is listed once, under the county where it began, with its whole path's rating and length; from 1996 on, each county lists its own segment. Length is not used to rank tornadoes (see Methods).

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Tsunami	none (count and damage only)	0					
Wildfire	acres burned (local data)	1 record, 2012 (1 zone-level)		No damage reported in 1 record.		Countywide (zone-level records).	
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	166 records, 1996 to 2026 (166 zone-level)		Heavy Snow, 1996-01-07, \$7,000,000 property; crops not reported (1996 dollars); NWS zone MAZ015		Countywide (zone-level records).	

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

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

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

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

Supports FEMA checklist item B1-d: previous occurrences

Federal declarations for this county: 38 declarations covering 29 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

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

Federal disaster declarations for this county

Sources: 1, 2, 3

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2023-09-15	2023-09-15	EM-3599-MA	Emergency	Hurricane Lee	Hurricane	no Public Assistance recorded	within last 5 years	
2022-04-18	2022-01-28	DR-4651-MA	Major disaster	Severe Winter Storm and Snowstorm	Winter Weather	\$5,279,440.40	within last 5 years	
2020-03-27	2020-01-20	DR-4496-MA	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$51,481,681.05		
2020-03-13	2020-01-20	EM-3438-MA	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded		same incident as DR-4496
2018-07-19	2018-03-13	DR-4379-MA	Major disaster	Severe Winter Storm and Snowstorm	Winter Weather	\$4,047,879.40		
2018-06-25	2018-03-02	DR-4372-MA	Major disaster	Severe Winter Storm and Flooding	Inland Flooding; Winter Weather	\$6,875,355.88		
2015-04-13	2015-01-26	DR-4214-MA	Major disaster	Severe Winter Storm, Snowstorm, and Flooding	Inland Flooding; Winter Weather	\$9,261,345.75		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance		
						<i>federal share obligated, nominal dollars</i>	Flags	Notes
2013-04-19	2013-02-08	DR-4110-MA	Major disaster	Severe Winter Storm, Snowstorm, and Flooding	Inland Flooding; Winter Weather	\$4,855,562.13		
2013-04-17	2013-04-15	EM-3362-MA	Emergency	Explosions	Non-natural, not counted	\$39,796.74		
2012-10-28	2012-10-27	EM-3350-MA	Emergency	Hurricane Sandy	Hurricane	no Public Assistance recorded		
2011-11-01	2011-10-29	EM-3343-MA	Emergency	Severe Storm	Hazard not mapped (severe storm title names no single hazard); not counted	no Public Assistance recorded		
2011-09-03	2011-08-27	DR-4028-MA	Major disaster	Tropical Storm Irene	Hurricane	\$2,024,728.03		
2011-08-26	2011-08-26	EM-3330-MA	Emergency	Hurricane Irene	Hurricane	no Public Assistance recorded		same incident as DR-4028
2011-03-07	2011-01-11	DR-1959-MA	Major disaster	Severe Winter Storm and Snowstorm	Winter Weather	\$3,091,794.98		
2010-09-02	2010-09-01	EM-3315-MA	Emergency	Hurricane Earl	Hurricane	\$42,493.87		
2010-05-03	2010-05-01	EM-3312-MA	Emergency	Water Main Break	Non-natural, not counted	no Public Assistance recorded		
2010-03-29	2010-03-12	DR-1895-MA	Major disaster	Severe Storms and Flooding	Inland Flooding	\$3,400,456.04		
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	no Public Assistance recorded		
2005-02-17	2005-01-22	EM-3201-MA	Emergency	Record and/or Near Record Snow	Winter Weather	\$4,036,317.79		
2004-04-21	2004-04-01	DR-1512-MA	Major disaster	Flooding	Inland Flooding	PA not declared for this county		
2004-01-15	2003-12-06	EM-3191-MA	Emergency	Snow	Winter Weather	\$3,019,806.95		
2003-03-11	2003-02-17	EM-3175-MA	Emergency	Snow	Winter Weather	\$2,146,207.81		
2001-04-10	2001-03-05	DR-1364-MA	Major disaster	Severe Storms and Flooding	Inland Flooding	PA not declared for this county		
2001-03-28	2001-03-05	EM-3165-MA	Emergency	Snow	Winter Weather	\$2,254,284.92		
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 Conditions and Flooding	Inland Flooding	no Public Assistance recorded		
1996-10-23	1996-10-20	EM-3119-MA	Emergency	Extreme Weather Conditions and Flooding	Inland Flooding	no Public Assistance recorded		same incident as DR-1142
1996-01-24	1996-01-07	DR-1090-MA	Major disaster	Blizzard of 96	Winter Weather	no Public Assistance recorded		
1993-03-16	1993-03-13	EM-3103-MA	Emergency	Blizzards, High Winds & Record Snowfall	Winter Weather	no Public Assistance recorded		
1992-12-21	1992-12-11	DR-975-MA	Major disaster	Winter Coastal Storm	Coastal Flooding	no Public Assistance recorded		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
1991-11-04	1991-10-30	DR-920-MA	Major disaster	Coastal Storm	Coastal Flooding	no Public Assistance recorded		
1991-08-26	1991-08-19	DR-914-MA	Major disaster	Hurricane Bob	Hurricane	no Public Assistance recorded		
1987-04-18	1987-03-30	DR-790-MA	Major disaster	Severe Storms & Flooding	Inland Flooding	PA not declared for this county		
1985-10-28	1985-09-27	DR-751-MA	Major disaster	Hurricane Gloria	Hurricane	no Public Assistance recorded		
1978-02-10	1978-02-06	DR-546-MA	Major disaster	Coastal Storms, Flood, Ice & Snow	Coastal Flooding	no Public Assistance recorded		
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	no Public Assistance recorded		

County Public Assistance: applicants the FEMA record places in this county, including any state agencies FEMA files there; statewide rows are listed on the state page; federal share obligated, nominal dollars.

Statewide declarations

Source: 2

Declared	Incident began	FEMA number	Type	Title	Mapped hazard
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, so they are listed on every county page in the state and not counted with county rows. Local data needed: whether each one affected this county.

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.

Previous occurrences by hazard, with explicit no-event rows

Sources: 2, 6, 7

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Coastal Flooding	71			9	3		1996 to 2026-06-30	
Cold Wave	9			0	0		1996 to 2026-06-30	
Drought	13			0	0		1996 to 2026-06-30	
Earthquake	0			0	0			Storm Events does not record earthquakes; the USGS earthquake catalog is the source.

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Hail	82			4	0		1955 to 2026-06-30	
Heat Wave	30			0	0		1996 to 2026-06-30	
Hurricane	6			0	6		1996 to 2026-06-30	
Ice Storm	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Inland Flooding	148			27	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			3	0		1996 to 2026-06-30	
Strong Wind	633			55	0		1955 to 2026-06-30	Includes 189 High Wind and 190 Strong Wind records.
Tornado	15			3	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
Wildfire	1			0	0		1996 to 2026-06-30	
Winter Weather	166			10	12		1996 to 2026-06-30	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Why listed
2020-06-28	Flash Flood		\$30,000,000 property; \$0 crops (2020 dollars)	0, 0	NORWOOD	B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2016-02-05	Heavy Snow		\$100,000 property; \$0 crops (zone total, 2016 dollars)	2, 0	NWS zone MAZ013 (WESTERN NORFOLK), zone-level	deaths or injuries recorded
2013-02-09	Coastal Flood		\$9,200,000 property; \$0 crops (zone total, 2013 dollars)	0, 0	NWS zone MAZ019 (EASTERN PLYMOUTH), zone-level	B1-c worst recorded: Coastal Flood, Storm Surge/Tide
2011-08-28	Tropical Storm		\$3,500,000 property; \$0 crops (zone total, 2011 dollars)	0, 0	NWS zone MAZ013 (WESTERN NORFOLK), zone-level	B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2009-05-24	Lightning		\$1,000,000 property; \$0 crops (2009 dollars)	0, 0	EAST WALPOLE	B1-c worst recorded: Lightning
2007-02-03	Extreme Cold/ Wind Chill		\$0 property; \$0 crops (zone total, 2007 dollars)	1, 0	NWS zone MAZ015 (SUFFOLK), zone-level	B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2006-01-18	High Wind	85 kt (98 mph) measured gust	\$20,000 property; crops not reported (zone total, 2006 dollars)	0, 0	NWS zone MAZ016 (EASTERN NORFOLK), zone-level	B1-c worst recorded: High Wind and Strong Wind
1999-09-07	Heat		damage not reported	0, 0	NWS zone MAZ016 (EASTERN NORFOLK), zone-level	B1-c worst recorded: Excessive Heat, Heat
1999-07-06	Thunderstorm Wind	70 kt (81 mph), measurement type not recorded	damage not reported	0, 0	WEYMOUTH	B1-c worst recorded: Thunderstorm Wind
1999-07-05	Heat		damage not reported	2, 0	NWS zone MAZ015 (SUFFOLK / ALSO PART OF NORFOLK), zone-level	deaths or injuries recorded
1972-08-09	Tornado	F1, 4.9 mi path length (whole path, pre-1996), 30 yd wide	\$25,000 property; crops not recorded (1972 dollars)	1, 6	location not recorded	deaths or injuries recorded
1953-06-09	Tornado	F3, 13.1 mi path length (whole path, pre-1996), 667 yd wide	\$2,500,000 property; crops not recorded (1953 dollars)	0, 15	location not recorded	B1-c worst recorded: Tornado

The full list is in the Excel file, sheet "B1-d Storm Events history" (1,230 rows).

Location is the place NOAA recorded, as written in its data; it need not be a jurisdiction in this plan.

Local data needed: state-declared emergencies, from your state emergency management agency (federal data do not include them).

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

Supports FEMA checklist item B1-e: probability of future events

Probability: FEMA annualized frequency and descriptor per hazard

Sources: 5, 6

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Coastal Flooding	7.92	events per year at a location (modeled)	about 7.9 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	1.3	event-days per year	about 1.3 days per year	Likely	Storm Events event-days in 6 of 30 years, 1996 to 2025 (20%)	22.8	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	5.77	event-days per year	about 5.77 days per year	Likely	Storm Events event-days in 4 of 30 years, 1996 to 2025 (13.3%)	238	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.00166	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.166%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	1.84	events per year	about 1.84 per year	Highly likely	FEMA annualized frequency (modeled)	74.9 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	6.07	event-days per year	about 6.07 days per year	Likely	Storm Events event-days in 9 of 30 years, 1996 to 2025 (30%)	93.6	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.178	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 in B1-d.
Ice Storm	1.78	event-days per year	about 1.78 days per year		Storm Events event-days in 0 of 30 years, 1996 to 2025 (0%)	115	1946-12-31 to 2014-02-12 (67 years)	countywide	No Storm Events ice storm record, 1996 to 2025
Inland Flooding	2.86	event-days per year	about 2.86 days per year	Likely	Storm Events event-days in 23 of 30 years, 1996 to 2025 (76.7%)	80	1996 to 2023 (28 years)	see B1-f	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Landslide	0.234	events per year (modeled)	about 1 in 4 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	21	days per year with a strike	about 21 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.917	events per year	about 0.92 per year	Likely	FEMA annualized frequency (modeled)	35	1986 to 2023 (38 years)	countywide	
Tornado	0.0818	events per year	about 1 in 12 years	Possible	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 descriptor: no Storm Events record 1996 to 2025
Wildfire	0.0000615	annual probability at a location	chance a given location in the county burns in a year: 0.00615%	Possible	Storm Events records in 1 of 30 years, 1996 to 2025 (3.33%)	not shown	modeled	see B1-f	
Winter Weather	13	event-days per year	about 13 days per year	Highly likely	Storm Events event-days in 28 of 30 years, 1996 to 2025 (93.3%)	228	2005-11-12 to 2024-11-12 (19 years)	countywide	

FEMA annualized frequency (modeled) is the National Risk Index v1.20 (December 2025) estimate of how often a hazard affects this county in a year; it is not recorded events divided by years, and its unit differs by hazard (events, event-days, or days with a lightning strike per year). For earthquake, wildfire, coastal flooding and tsunami the value is the chance (or number of events) at a location in the county, not across the county, so no "1 in N years" is given and the descriptor comes from Storm Events where it has a record (none for earthquake). The Methods page gives each hazard's method, from FEMA's National Risk Index Technical Documentation v1.20.

Where NRI gives event-days, the descriptor comes from the share of years with a Storm Events record; NRI's source records more events, so the two differ.

Descriptor scale used in this packet (defined per unit)

Sources: 5, 6

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

Intensity bands: historical frequency (Storm Events)

Source: 6

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Hail	1.00-1.99 in	1996 to 2025	25	30	0.833
Hail	2.00 in+	1996 to 2025	1	30	0.0333
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	203	30	6.77
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	2	30	0.0667
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	19	30	0.633
Tornado	EF0-1	1996 to 2025	8	30	0.267
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

The bands show how often events of each severity were recorded in this county, to profile how severe events have been (FEMA's probability item asks for the range of intensities).

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

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

Supports FEMA checklist item B1-f: hazards that vary across jurisdictions

Range of census tract risk within the county

Source: 5

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Coastal Flooding	30 of 154	70.6	91.3	99.4	Very High 2, Relatively High 8, Relatively Moderate 7, Relatively Low 7, Very Low 6, No Rating 124
Cold Wave	154 of 154	15.7	29.2	48.0	Relatively Moderate 1, Relatively Low 152, Very Low 1
Drought	13 of 154	71.4	82.0	92.3	Relatively Moderate 1, Relatively Low 7, Very Low 5, No Rating 141
Earthquake	153 of 154	20.2	55.9	80.6	Relatively Moderate 3, Relatively Low 135, Very Low 15, No Rating 1
Hail	154 of 154	0.1	5.3	16.5	Very Low 154
Heat Wave	154 of 154	1.7	28.3	63.0	Relatively Moderate 2, Relatively Low 125, Very Low 27
Hurricane	154 of 154	11.3	74.9	83.6	Relatively Moderate 28, Relatively Low 125, Very Low 1
Ice Storm	154 of 154	0.1	43.5	89.0	Relatively Moderate 31, Relatively Low 81, Very Low 42
Inland Flooding	153 of 154	1.8	39.5	96.6	Very High 1, Relatively High 12, Relatively Moderate 44, Relatively Low 72, Very Low 24, No Rating 1
Landslide	154 of 154	15.3	66.2	92.3	Relatively Low 14, Very Low 140
Lightning	154 of 154	0.2	33.8	58.4	Relatively Moderate 8, Relatively Low 134, Very Low 12
Strong Wind	154 of 154	0.2	24.4	47.4	Relatively Low 119, Very Low 35
Tornado	154 of 154	0.3	27.8	46.7	Relatively Low 57, Very Low 97
Tsunami	0 of 154				Insufficient Data 154
Wildfire	134 of 154	18.7	39.6	82.7	Relatively Low 7, Very Low 127, No Rating 20
Winter Weather	154 of 154	10.6	22.8	30.6	Relatively Low 142, Very Low 12

Drought: Agriculture is all of NRI's expected annual loss for this hazard in the county, so the tract range mostly reflects where crop and livestock value is.

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

The score ranks a tract against all U.S. tracts (100 = highest). The rating is FEMA's category for the tract's risk value, computed differently, so the two can disagree.

Frequency data for cold wave, drought, hail, heat wave, ice storm, lightning, strong wind and winter weather are county-wide or coarse (49 km grid or NWS zone), the same for every jurisdiction; the tract range mostly reflects where buildings and people are (crop and livestock value where a line above names agriculture).

Each jurisdiction (starting figures from federal data)

Sources: 1, 3, 4, 6

Jurisdiction	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance to this jurisdiction <i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since its plan</i>	Notes
Braintree Town city	City	Approved, expires 2029-11-19	FMA RL 0, SRL 2; any 18	no Public Assistance recorded	0 total; 0 since its plan	
Franklin Town city	Town	Expired on 2026-01-21	FMA RL 0, SRL 0; any 5	no Public Assistance recorded	0 total; 0 since its plan	
Quincy city	City	Approved, expires 2030-12-04	FMA RL 0, SRL 23; any 201	\$12,351,814.84	21 total; 0 since its plan	Includes \$1,554,321.40 for declarations not counted as hazard incidents (DR-4496-MA).
Randolph Town city	Town	Expired on 2021-09-20	FMA RL 0, SRL 0; any 2	no Public Assistance recorded	0 total; 0 since its plan	
Weymouth Town city	Town	Approved, expires 2026-11-28	FMA RL 0, SRL 8; any 37	no Public Assistance recorded	0 total; 0 since its plan	
Avon town	Town	Approved, expires 2027-01-10	FMA RL 0, SRL 0; any 0	\$691,952.55	6 total; 0 since its plan	Includes \$183,936.42 for declarations not counted as hazard incidents (DR-4496-MA).
Bellingham town	Town	Expired on 2025-11-03	FMA RL 0, SRL 0; any 0	\$1,042,761.09	11 total; 1 since its plan	Includes \$222,949.13 for declarations not counted as hazard incidents (DR-4496-MA).
Brookline town	Town	Approved, expires 2028-11-27	FMA RL 0, SRL 0; any 3	\$3,442,032.47	19 total; 0 since its plan	Includes \$668,914.32 for declarations not counted as hazard incidents (DR-4496-MA, EM-3362-MA).
Canton town	Town	Expired on 2023-06-21	FMA RL 0, SRL 0; any 2	\$2,540,048.24	4 total; 3 since its plan	Includes \$271,708.52 for declarations not counted as hazard incidents (DR-4496-MA).
Cohasset town	Town	Expired on 2025-11-11	FMA RL 0, SRL 2; any 10	\$798,281.49	5 total; 0 since its plan	Includes \$267,563.28 for declarations not counted as hazard incidents (DR-4496-MA).
Dedham town	Town	Expired on 2026-02-23	FMA RL 0, SRL 0; any 1	\$2,377,546.22	4 total; 1 since its plan	Includes \$646,948 for declarations not counted as hazard incidents (DR-4496-MA).
Dover town	Town	Approved, expires 2027-09-25	FMA RL 0, SRL 0; any 1	\$598,123.92	8 total; 0 since its plan	Includes \$80,998.84 for declarations not counted as hazard incidents (DR-4496-MA).
Foxborough town	Town	Expired on 2025-10-14	FMA RL 0, SRL 0; any 1	\$1,215,893.46	15 total; 0 since its plan	Includes \$376,508.34 for declarations not counted as hazard incidents (DR-4496-MA).
Holbrook town	Town	No approved plan on record	FMA RL 0, SRL 0; any 5	\$897,157.84	9 total; no approved plan	Includes \$369,848.44 for declarations not counted as hazard incidents (DR-4496-MA).
Medfield town	Town	Expired on 2024-09-19	FMA RL 0, SRL 0; any 0	\$910,464.62	8 total; 4 since its plan	Includes \$119,696.88 for declarations not counted as hazard incidents (DR-4496-MA).
Medway town	Town	Approved, expires 2030-01-12	FMA RL 0, SRL 0; any 1	\$1,275,385.08	18 total; 0 since its plan	Includes \$221,364.32 for declarations not counted as hazard incidents (DR-4496-MA).
Millis town	Town	Approved, expires 2030-11-12	FMA RL 0, SRL 0; any 1	\$892,581.77	3 total; 0 since its plan	Includes \$81,551.40 for declarations not counted as hazard incidents (DR-4496-MA).

Jurisdiction	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance to this jurisdiction <i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since its plan</i>	Notes
Milton town	Town	Approved, expires 2027-01-06	FMA RL 0, SRL 0; any 7	\$1,752,109.58	19 total; 3 since its plan	Includes \$541,737.51 for declarations not counted as hazard incidents (DR-4496-MA).
Needham town	Town	Expired on 2026-01-21	FMA RL 0, SRL 0; any 4	\$2,594,633.18	20 total; 2 since its plan	Includes \$436,628.81 for declarations not counted as hazard incidents (DR-4496-MA).
Norfolk town	Town	Approved, expires 2029-02-27	FMA RL 0, SRL 0; any 5	\$1,477,646.97	11 total; 0 since its plan	Includes \$718,879.10 for declarations not counted as hazard incidents (DR-4496-MA).
Norwood town	Town	Approved, expires 2030-09-15	FMA RL 0, SRL 0; any 2	\$2,854,039.44	6 total; 0 since its plan	Includes \$725,610.65 for declarations not counted as hazard incidents (DR-4496-MA).
Plainville town	Town	Expired on 2013-04-02	FMA RL 0, SRL 0; any 0	\$603,516.68	7 total; 4 since its plan	Includes \$171,429.67 for declarations not counted as hazard incidents (DR-4496-MA).
Sharon town	Town	Approved, expires 2030-10-19	FMA RL 0, SRL 0; any 1	\$1,107,280.13	13 total; 0 since its plan	Includes \$204,793.02 for declarations not counted as hazard incidents (DR-4496-MA).
Stoughton town	Town	Approved, expires 2030-02-11	FMA RL 0, SRL 0; any 1	\$2,190,729.29	16 total; 0 since its plan	Includes \$418,674.79 for declarations not counted as hazard incidents (DR-4496-MA).
Walpole town	Town	Expired on 2022-05-31	FMA RL 0, SRL 0; any 0	\$1,654,394.02	27 total; 2 since its plan	Includes \$132,630.32 for declarations not counted as hazard incidents (DR-4496-MA).
Wellesley town	Town	Approved, expires 2029-02-22	FMA RL 0, SRL 0; any 6	\$2,295,743.02	18 total; 0 since its plan	Includes \$910,517.17 for declarations not counted as hazard incidents (DR-4496-MA, EM-3362-MA).
Westwood town	Town	Approved, expires 2029-04-11	FMA RL 0, SRL 0; any 4	\$1,939,542.19	9 total; 0 since its plan	Includes \$385,561.29 for declarations not counted as hazard incidents (DR-4496-MA).
Wrentham town	Town	Expired on 2023-11-26	FMA RL 0, SRL 0; any 0	\$998,132.14	19 total; 4 since its plan	Includes \$272,473.15 for declarations not counted as hazard incidents (DR-4496-MA).

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

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

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

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

Local data needed

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

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

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

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

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 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
Coastal Flooding	\$8,996,912,230	n/a	36,791	\$5,070,024	n/a	\$20,621	0.0564%				
Cold Wave	\$167,152,963,713	\$6,394,921	725,648	\$2,308	\$689	\$3,321,296	under 0.0001%				
Drought	n/a	\$5,164,595	n/a	n/a	\$97,921	n/a	1.9% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$284,229,827,628	n/a	725,981	\$7,106,937	n/a	\$1,774,797	0.0025%				
Hail	\$167,152,963,713	\$6,394,921	725,648	\$32,194	\$44	\$10,374	under 0.0001%				
Heat Wave	\$167,152,963,713	\$6,394,921	725,648	\$5	\$914	\$3,861,543	under 0.0001%				
Hurricane	\$167,128,274,976	\$6,394,921	725,420	\$15,130,182	\$51,197	\$446,768	0.00905%				
Ice Storm	\$166,532,991,673	n/a	722,144	\$1,155,664	n/a	\$35,116	0.000694%				
Inland Flooding	\$166,996,668,556	\$111,202	27,330	\$102,429,843	\$24	\$637,899	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.
Landslide	\$3,443,873,422	n/a	14,882	\$8,740	n/a	\$636	0.000254%				
Lightning	\$167,152,963,713	n/a	725,648	\$202,168	n/a	\$1,049,609	0.000121%				
Strong Wind	\$167,152,963,713	\$6,394,921	725,648	\$650,411	under \$1	\$488,760	0.000389%				
Tornado	\$167,152,963,713	\$6,394,921	725,648	\$2,798,739	\$65	\$389,797	0.00167%				

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 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
Tsunami	n/a	n/a	n/a	n/a	n/a	n/a					NRI publishes no building exposure for this county
Wildfire	\$10,874,924,098	\$672,176	57,147	\$55,475	\$1	\$5,391	0.00051%				
Winter Weather	\$167,152,963,713	\$6,394,921	725,648	\$56,415	\$3	\$24,851	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.

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

NRI computes earthquake exposure on its own basis, so it exceeds the county building value in B2-a.

Supports FEMA checklist item B2-a: vulnerability (county context)

County context

Source: 5

Measure	Value
Population	725,648
Building value (total, not at risk)	\$167,152,963,713
Agriculture value (total, not at risk)	\$6,394,921
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$134,849,962
Expected annual loss, population equivalence, all hazards (NRI values each statistical life at \$13.7M; a modeled value of expected deaths and injuries, not property damage)	\$12,067,457
Social vulnerability rating	Very Low
Community resilience rating	Very High
NRI version	December 2025

FEMA's all-hazard expected annual loss adds buildings, agriculture and population equivalence; this table gives the property part and the population-equivalence part as separate rows.

Social vulnerability: higher means people are more likely to be harmed and slower to recover. Community resilience: lower means the community is less able to recover. High social vulnerability and low resilience both raise the NRI risk rating.

Supports FEMA checklist item B2-c: repetitive loss properties

Repetitive loss in this county, both definitions

Sources: 1, 4

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	0	Severe repetitive loss, FMA definition (44 CFR 77.2)	35
Repetitive loss, NFIP insurance definition	317	Severe repetitive loss, NFIP insurance definition	34

The state NFIP coordinator's list, the source FEMA's Handbook names, often uses the NFIP insurance definition (second row).

Repeat-flood properties: county total and NFIP communities

Sources: 1, 4

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
County total	0	35	317	34	318	1	131
of which: Braintree town	0	2	18	2	18	0	5
of which: Brookline town	0	0	3	0	3	0	1
of which: Canton town	0	0	2	0	2	0	1
of which: Cohasset town	0	2	9	1	10	1	6
of which: Dedham town	0	0	1	0	1	0	1
of which: Dover town	0	0	1	0	1	0	1
of which: Foxborough town	0	0	1	0	1	0	0
of which: Franklin town	0	0	5	0	5	0	2
of which: Medway town	0	0	1	0	1	0	0
of which: Millis town	0	0	1	0	1	0	0
of which: Milton town	0	0	7	0	7	0	0
of which: Norwood town	0	0	2	0	2	0	0
of which: Randolph town	0	0	2	0	2	0	0
of which: Sharon town	0	0	1	0	1	0	1
of which: Stoughton town	0	0	1	0	1	0	0
of which: Wellesley town	0	0	6	0	6	0	2
of which: Weymouth town	0	8	37	8	37	0	18
of which: Holbrook town	0	0	5	0	5	0	3
of which: Needham town	0	0	4	0	4	0	2
of which: Norfolk town	0	0	5	0	5	0	1
of which: Quincy city	0	23	201	23	201	0	87
of which: Westwood town	0	0	4	0	4	0	0

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

Sources: 1, 4

Jurisdiction	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
Braintree Town city	250233	0	2	18	2	18	0	5
Franklin Town city	250240	0	0	5	0	5	0	2
Quincy city	255219	0	23	201	23	201	0	87
Randolph Town city	250251	0	0	2	0	2	0	0
Weymouth Town city	250257	0	8	37	8	37	0	18
Avon town	250231	0	0	0	0	0	0	0
Bellingham town	250232	0	0	0	0	0	0	0
Brookline town	250234	0	0	3	0	3	0	1
Canton town	250235	0	0	2	0	2	0	1
Cohasset town	250236	0	2	9	1	10	1	6
Dedham town	250237	0	0	1	0	1	0	1
Dover town	250238	0	0	1	0	1	0	1
Foxborough town	250239	0	0	1	0	1	0	0
Holbrook town	255212	0	0	5	0	5	0	3
Medfield town	250242	0	0	0	0	0	0	0
Medway town	250243	0	0	1	0	1	0	0
Millis town	250244	0	0	1	0	1	0	0
Milton town	250245	0	0	7	0	7	0	0
Needham town	255215	0	0	4	0	4	0	2
Norfolk town	255217	0	0	5	0	5	0	1
Norwood town	250248	0	0	2	0	2	0	0
Plainville town	250249	0	0	0	0	0	0	0
Sharon town	250252	0	0	1	0	1	0	1
Stoughton town	250253	0	0	1	0	1	0	0
Walpole town	250254	0	0	0	0	0	0	0
Wellesley town	250255	0	0	6	0	6	0	2
Westwood town	255225	0	0	4	0	4	0	0
Wrentham town	250258	0	0	0	0	0	0	0

Counts by occupancy group for each jurisdiction are in the Excel file, sheet "B2-c Jurisdictions".

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

County repeat-flood properties by occupancy group

Sources: 1, 4

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	0	28	262	28	262	0	107
2 to 4 unit residential	0	4	27	3	28	1	14
other residential	0	1	11	1	11	0	5
non-residential	0	2	17	2	17	0	5
not reported	0	0	0	0	0	0	0

FEMA's occupancy groups have no institutional class; institutional properties are counted in non-residential or other residential in the table by occupancy group.

FMA RL and FMA SRL are the Flood Mitigation Assistance definitions (44 CFR 77.2), the ones the FEMA Local Mitigation Planning Policy Guide cites. NFIP repetitive loss (the FEMA insurance definition) is 2 or more claims over \$1,000 in 10 years, and a property can leave that group once it is mitigated. Also shown: NFIP severe repetitive loss, any category, mitigated and currently insured. The Methods page gives the OpenFEMA field details.

Counts are aggregates of FEMA's public NFIP Multiple Loss Properties file (FEMA's data date 2026-08-02; file version 2026-08-04). No property is identified. County assignment is FEMA's geocode.

In this county 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 317 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-29T134039Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-29T162832Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-30, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-30, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-30, <https://www.weather.gov/gis/ZoneCounty>
8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-30, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_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 (used to match place names and codes; no table prints its values)

What this packet is and what the plan adds

This packet is the federal data for the plan's risk assessment (the summary on page 1 says how it is organized); the plan and FEMA's review decide whether each item is met.

The plan adds what only the community has: local data on assets, critical facilities, development and each jurisdiction's impacts; local hazard history, including state-declared emergencies; the mitigation strategy; and adoption.

How the federal data are built: National Risk Index values are FEMA's model, not counts of events. Storm Events is more complete from 1996; zone-level records are placed by forecast zone, not by location in the county. Public Assistance for a jurisdiction is matched by applicant name. The Methods page gives every rule and the known edge cases.

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Cite this: Hazard Plain (2026). Norfolk County, MA: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 25021). Automated baseline. <https://hazardplain.org/ma/25021/> Built from FEMA OpenFEMA, the FEMA National Risk Index and NOAA NCEI Storm Events; source versions in the packet's Sources list.

Corrections: to report an error, name the packet, the table and what your records show. Contact: contact@hazardplain.org