

Barnstable County, MA

Risk-assessment baseline packet

Unit **County area 25001** Release **2026-10** As of **2026-09-28** Storm Events data through **2026-06-30**

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

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

OPENFEMA DISCLAIMER

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

Plan clock

No county-level plan row in FEMA data

What changed since your last plan

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

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

Plan status for every jurisdiction listed in this county: 15 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.

CONTENTS

1. Plan clock, page 1

2. What changed since your last plan, page 1

3. Supports B1-a: hazards, page 2

4. Supports B1-b: location, page 4

5. Supports B1-c: extent, page 5

6. Supports B1-d: previous occurrences, page 8
7. Supports B1-e: probability, page 12

8. Supports B1-f: variation across the planning area, page 16

9. Supports B2-a and B2-b: assets and impacts, page 18

10. Supports B2-a: context, page 19

11. Supports B2-c: repetitive loss, page 20

12. Sources and OpenFEMA disclaimer, page 22

Plan clock

Plan status for every jurisdiction listed in this county

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry negative = days since expiry	Update underway	Notes
Barnstable Town city	Town	Approved, expires 2027-10-05	2021 Hazard Mitigation Plan Update Town of Barnstable, MA (FEMA plan 108285)	2022-10-06	2027-10-05	372		
Bourne town	Town	Expired on 2022-11-29	Bourne 2017 Draft Hazard Mitigation Plan (FEMA plan 104723)	2017-11-30	2022-11-29	-1,399		
Brewster town	Town	Approved, expires 2027-03-28	Multi-Hazard Mitigation Plan 2021 Brewster, Massachusetts (FEMA plan 108003)	2022-03-29	2027-03-28	181		
Chatham town	Town	Expired on 2023-05-10	Chatham Draft 2018 Hazard Mitigation Plan (FEMA plan 105066)	2018-05-11	2023-05-10	-1,237		
Dennis town	Town	Expired on 2016-06-03	Barnstable County, Cape Cod, Massachusetts Multi-Hazard Mitigation Plan Update (FEMA plan 10239)	2011-06-03	2016-06-03	-3,769		
Eastham town	Town	Expired on 2025-10-21	Eastham 2020 Hazard Mitigation Plan (FEMA plan 106728)	2020-10-22	2025-10-21	-342		
Falmouth town	Town	Approved, expires 2028-01-19	Falmouth Multi-Hazard Mitigation Plan (FEMA plan 108537)	2023-01-20	2028-01-19	478		
Harwich town	Town	Approved, expires 2031-08-26	2026 Harwich Hazard Mitigation Plan (FEMA plan 111725)	2026-08-27	2031-08-26	1,793		
Mashpee town	Town	Approved, expires 2029-08-01	Town of Mashpee, MA Hazard Mitigation Plan Update, November 2023 (FEMA plan 109648)	2024-08-02	2029-08-01	1,038		
Orleans town	Town	Expired on 2025-01-01	Orleans Multi-Hazard Mitigation Plan (FEMA plan 105947)	2020-01-02	2025-01-01	-635		
Provincetown town	Town	Expired on 2026-06-21	Provincetown 2021 Hazard Mitigation Plan (FEMA plan 107500)	2021-06-22	2026-06-21	-99		
Sandwich town	Town	Approved, expires 2030-01-06	Sandwich Hazard Mitigation Plan 2024 (FEMA plan 110165)	2025-01-07	2030-01-06	1,196		
Truro town	Town	Expired on 2022-05-30	Truro 2017 Hazard Mitigation Plan (FEMA plan 103838)	2017-05-31	2022-05-30	-1,582		
Wellfleet town	Town	Approved, expires 2027-10-05	Wellfleet 2022 Hazard Mitigation Plan (FEMA plan 108346)	2022-10-06	2027-10-05	372		
Yarmouth town	Town	Approved, expires 2031-08-26	2026 Yarmouth Hazard Mitigation Plan (FEMA plan 111731)	2026-08-27	2031-08-26	1,793		

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

Supports B1-a: hazards

Hazards NRI does not cover: check locally

- dam failure (incl. upstream dams)

• levee failure

- flash flood as its own subtype
- ice jams
- debris flows

- erosion (riverine and coastal)
- land subsidence and sinkholes
- expansive soils

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

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
1	Inland Flooding	Relatively Moderate	Relatively Moderate	\$44,122,109	\$21,602	\$77,098	\$44,220,809	54		
2	Hurricane	Relatively High	Relatively High	\$19,361,804	\$195,094	\$409,754	\$19,966,652	8		
3	Coastal Flooding	Very High	Very High	\$12,260,083		\$8,181	\$12,268,265	37		
4	Earthquake	Relatively Low	Relatively Low	\$1,288,226		\$176,111	\$1,464,337			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
5	Tornado	Relatively Low	Relatively Low	\$327,323	\$93	\$804,862	\$1,132,278	6		
6	Lightning	Relatively High	Relatively High	\$178,335		\$880,714	\$1,059,049	32		
7	Strong Wind	Relatively Moderate	Relatively Moderate	\$392,092	\$7	\$396,970	\$789,070	348		Includes 144 High Wind records and 108 Strong Wind records, event types the NRI definition of this hazard leaves out.
8	Hail	Relatively Low	Relatively Low	\$512,596	\$2,342	\$46,190	\$561,129	45		
9	Cold Wave	Relatively Low	Relatively Low	\$440	\$1,421	\$447,908	\$449,768	1		
10	Heat Wave	Relatively Low	Relatively Low	under \$1	\$757	\$229,475	\$230,233	2		
11	Ice Storm	Relatively Low	Relatively Low	\$65,817		\$10,325	\$76,142	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
12	Wildfire	Very Low	Very Low	\$55,361	\$6	\$3,913	\$59,280	1		
13	Drought	Relatively Low	Relatively Low		\$30,849		\$30,849	6		
14	Winter Weather	Relatively Low	Relatively Low	\$21,709	\$9	\$2,640	\$24,357	70		
15	Landslide	Relatively Low	Very Low	\$4,541		\$27	\$4,568	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.

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
	Avalanche	Not Applicable	Not Applicable					0	NRI rates avalanche Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Tsunami	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 56
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.	49 of 56
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	56 of 56
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	39 of 56
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.	56 of 56
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	56 of 56
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	56 of 56
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.	56 of 56
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	56 of 56
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.	56 of 56
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.	56 of 56
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	56 of 56

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	56 of 56
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.	56 of 56
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 56
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 56
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.	56 of 56
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	56 of 56

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)	37, 1998 to 2024 (36 zone-level)		Coastal Flood, 2013-02-09, \$5,300,000 property; \$0 crops, reported for the zone (2013 dollars); NWS zone MAZ022 (BARNSTABLE), zone-level: may include parts of neighboring counties		Event records naming member places: Eastham town (1 record). Zone-level records (36) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	1, 2016 to 2016 (1 zone-level)	1 day; 1 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	6, 2012 to 2016 (6 zone-level)	22 days to 93 days (median 57.5 days); 2 with a recorded value	93 days (about 3.1 months), 2016-08-30 to 2016-11-30, a run of 4 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.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Earthquake	Modified Mercalli (local data)	0					No Storm Events record; local data required (e.g., USGS).
Hail	hail size (inches)	49, 1962 to 2024	0.75 in to 1.75 in (median 0.75 in); 49 with a recorded value	1.75 in hail, 1997-07-18; same size also recorded on 1981-07-13	Hail, 2005-07-22, \$5,000 property; crops not reported (2005 dollars)	Event records naming member places: Wellfleet town (5 records), Bourne town (4 records), Orleans town (4 records), Sandwich town (4 records), Dennis town (3 records), Mashpee town (3 records), Yarmouth town (3 records), Falmouth town (2 records), Harwich town (2 records), Brewster town (1 record); and 1 more member place (see the XLSX file).	
Excessive Heat, Heat	heat index (narratives)	2, 2010 to 2011 (2 zone-level)	1 day; 2 with a recorded value	1 consecutive day, 2011-07-22, 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	8, 2011 to 2023 (8 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, \$3,700,000 property; \$0 crops, reported for the zone (2011 dollars); NWS zone MAZ022 (BARNSTABLE), 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)	54, 2001 to 2023 (1 zone-level)		Flash Flood, 2017-08-18, \$50,000 property; \$0 crops (2017 dollars)		Event records naming member places: Dennis town (4 records), Provincetown town (3 records), Bourne town (2 records), Chatham town (2 records), Falmouth town (2 records), Harwich town (2 records), Brewster town (1 record), Eastham town (1 record), Orleans town (1 record), Sandwich town (1 record); and 2 more member places (see the XLSX file). Zone-level records (1) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage can be \$0 or blank even for a major flood, so the worst record here may not be the worst flood; compare FEMA Public Assistance by declaration in B1-d.
Debris Flow	none (count and damage)	0					Physical measure: in event narratives only; local data required.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	32, 1999 to 2024		Lightning, 2009-07-01, \$0 property; \$0 crops (2009 dollars), 1 direct death	Lightning, 2003-08-16, \$2,500,000 property; crops not reported (2003 dollars)	Event records naming member places: Eastham town (4 records), Bourne town (3 records), Mashpee town (3 records), Orleans town (3 records), Sandwich town (3 records), Dennis town (1 record), Harwich town (1 record), Provincetown town (1 record), Truro town (1 record).	Storm Events lists lightning with damage or casualties; physical measure in event narratives only; local data required.
High Wind and Strong Wind (outside NRI Strong Wind definition)	wind speed (kt and mph)	252, 1996 to 2025 (252 zone-level)	30 kt (35 mph) to 84 kt (97 mph) (median 50 kt (58 mph)); 183 with a recorded value	84 kt (97 mph) estimated gust, High Wind, 2018-03-02; NWS zone MAZ022 (BARNSTABLE), zone-level: may include parts of neighboring counties	High Wind, 2005-12-09, \$1,500,000 property; crops not reported, reported for the zone (2005 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	106, 1957 to 2025	40 kt (46 mph) to 95 kt (109 mph) (median 50 kt (58 mph)); 102 with a recorded value	95 kt (109 mph), measurement type not recorded, Thunderstorm Wind, 1973-07-15	Thunderstorm Wind, 2019-07-23, \$2,600,000 property; \$0 crops (2019 dollars)	Event records naming member places: Falmouth town (7 records), Mashpee town (6 records), Sandwich town (6 records), Orleans town (5 records), Bourne town (4 records), Provincetown town (4 records), Wellfleet town (4 records), Yarmouth town (4 records), Brewster town (2 records), Eastham town (2 records); and 3 more member places (see the XLSX file).	
Tornado	Enhanced Fujita (F before Feb 2007)	8, 1968 to 2023	F/EF0 to F/EF1 (median F/EF1); 8 with a recorded value	F1 tornado, 1977-08-22, 0.1 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 10 yd wide, \$25,000 property; crops not recorded (1977 dollars), 2 direct injuries	Tornado, 2019-07-23, \$3,600,000 property; \$0 crops (2019 dollars)	Event records naming member places: Dennis town (1 record), Harwich 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)	1, 2016 to 2016 (1 zone-level)		No damage reported in 1 records.		Zone-level records: applies countywide; national data do not locate these events within the county.	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)	70, 1996 to 2026 (70 zone- level)		Heavy Snow, 1996-01-07, \$800,000 property; crops not reported, reported for the zone (1996 dollars); NWS zone MAZ022 (BARNSTABLE), 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 **24** Counted incidents **18**

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	none found	within last 5 years	
2020-03-27	2020-01-20	DR-4496-MA	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$19,178,369.02		
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	\$972,448.05		
2015-04-13	2015-01-26	DR-4214-MA	Major disaster	SEVERE WINTER STORM, SNOWSTORM, AND FLOODING	Inland Flooding; Winter Weather	\$2,291,074.90		
2013-04-19	2013-02-08	DR-4110-MA	Major disaster	SEVERE WINTER STORM, SNOWSTORM, AND FLOODING	Inland Flooding; Winter Weather	\$4,467,231.67		
2012-12-19	2012-10-27	DR-4097-MA	Major disaster	HURRICANE SANDY	Hurricane	\$978,371.39		
2012-10-28	2012-10-27	EM-3350-MA	Emergency	HURRICANE SANDY	Hurricane	none found		same incident as DR-4097

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance		Flags	Notes
						federal share obligated, nominal dollars			
2011-09-03	2011-08-27	DR-4028-MA	Major disaster	TROPICAL STORM IRENE	Hurricane	\$1,263,147.20			
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	\$213,620.61			
2007-05-16	2007-04-15	DR-1701-MA	Major disaster	SEVERE STORMS AND INLAND AND COASTAL FLOODING	Coastal Flooding	\$475,617.80			
2005-09-13	2005-08-29	EM-3252-MA	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	\$118,682.57			
2005-02-17	2005-01-22	EM-3201-MA	Emergency	RECORD AND/OR NEAR RECORD SNOW	Winter Weather	\$1,927,753.24			
2004-01-15	2003-12-06	EM-3191-MA	Emergency	SNOW	Winter Weather	\$435,191.65			
2003-03-11	2003-02-17	EM-3175-MA	Emergency	SNOW	Winter Weather	\$749,655.76			
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			
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			

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		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	Flags	Notes
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)

Public Assistance filed under this county for declarations that do not list it: 1 row, \$21,145.26

FEMA number	Declared	Title	Applicant	PA obligated
				<i>federal share obligated, nominal dollars</i>
DR-4651-MA	2022-04-18	SEVERE WINTER STORM AND SNOWSTORM	OpenCape Corporation	\$21,145.26

FEMA's Public Assistance summaries file these applicants under this county, but FEMA's declaration rows for these disasters do not designate it (an electric cooperative or district serving several counties, for example). Not in any declaration row above and not counted.

SOURCES

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

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 records	During plan review records	Last 5 years records	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Avalanche	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Coastal Flooding	37			7	4		1996 to 2026-06-30	
Cold Wave	1			0	0		1996 to 2026-06-30	
Drought	6			0	0		1996 to 2026-06-30	
Earthquake	0			0	0			No Storm Events record; local data required (e.g., USGS).
Hail	49			3	0		1955 to 2026-06-30	
Heat Wave	2			0	0		1996 to 2026-06-30	
Hurricane	8			1	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	54			4	3		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

Hazard	Storm Events records <i>full period</i>	Since plan approval records	During plan review records	Last 5 years records	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Lightning	32			2	0		1996 to 2026-06-30	
Strong Wind	358			33	0		1955 to 2026-06-30	Includes 144 High Wind records and 108 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	8			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	1			0	0		1996 to 2026-06-30	
Winter Weather	70			4	8		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
2018-03-02	High Wind	84 kt (97 mph) estimated gust	\$40,000 property; \$0 crops, reported for the zone (2018 dollars)	0, 0	NWS zone MAZ022 (BARNSTABLE), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2017-08-18	Flash Flood		\$50,000 property; \$0 crops (2017 dollars)	0, 0	NORTH EASTHAM to EASTHAM		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2016-02-14	Extreme Cold/ Wind Chill		\$0 property; \$0 crops, reported for the zone (2016 dollars)	0, 0	NWS zone MAZ022 (BARNSTABLE), zone-level: may include parts of neighboring counties		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2013-02-09	Coastal Flood		\$5,300,000 property; \$0 crops, reported for the zone (2013 dollars)	0, 0	NWS zone MAZ022 (BARNSTABLE), zone-level: may include parts of neighboring counties		B1-c worst recorded: Coastal Flood, Storm Surge/Tide
2012-08-28	Lightning		\$0 property; \$0 crops (2012 dollars)	0, 2	EASTHAM		deaths or injuries recorded
2011-08-28	Tropical Storm		\$3,700,000 property; \$0 crops, reported for the zone (2011 dollars)	0, 0	NWS zone MAZ022 (BARNSTABLE), zone-level: may include parts of neighboring counties		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2011-07-22	Excessive Heat		\$0 property; \$0 crops, reported for the zone (2011 dollars)	0, 0	NWS zone MAZ022 (BARNSTABLE), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2009-07-01	Lightning		\$0 property; \$0 crops (2009 dollars)	1, 0	ORLEANS		deaths or injuries recorded
2006-01-18	High Wind	61 kt (70 mph) measured gust	\$100,000 property; crops not reported, reported for the zone (2006 dollars)	1, 0	NWS zone MAZ022 (BARNSTABLE), zone-level: may include parts of neighboring counties		deaths or injuries recorded
1997-07-18	Hail	1.75 in	damage not reported	0, 0	WELLFLEET		B1-c worst recorded: Hail
1977-08-22	Tornado	F1, 0.1 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 10 yd wide	\$25,000 property; crops not recorded (1977 dollars)	0, 2	location not recorded		B1-c worst recorded: Tornado
1973-07-15	Thunderstorm Wind	95 kt (109 mph), measurement type not recorded	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Thunderstorm Wind

The full list is in the XLSX file, sheet "B1-d Storm Events history" (626 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	4.83	events per year at a location (modeled)	about 4.8 per year at a given location in the county	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	Descriptor from NRI: the rate at a location is 1 or more a year, so the county rate is at least that.
Cold Wave	0.579	event-days per year	about 0.579 days per year	Possible	event-days in 1 of 30 years, 1996 to 2025 (3.33%)	11	2005-11-12 to 2024-11-12 (19 years)	countywide	Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Drought	1.87	event-days per year	about 1.87 days per year	Possible	event-days in 2 of 30 years, 1996 to 2025 (6.67%)	112	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	NRI gives about 1.87 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 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.
Earthquake	0.00118	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.118%			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	0.554	events per year	about 0.55 per year	Likely	FEMA annualized frequency (modeled)	23.0 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	1.11	event-days per year	about 1.11 days per year	Possible	event-days in 2 of 30 years, 1996 to 2025 (6.67%)	20	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 1.11 heat wave event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 2 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together.
Hurricane	0.147	events per year	about 1 in 7 years	Likely	FEMA annualized frequency (modeled)	50	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	0.151	event-days per year	about 0.151 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	4	1946-12-31 to 2014-02-12 (67 years)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned
Inland Flooding	1.07	event-days per year	about 1.07 days per year	Likely	event-days in 16 of 30 years, 1996 to 2025 (53.3%)	30	1996 to 2023 (28 years)	see B1-f	
Landslide	0.084	events per year (modeled)	about 1 in 12 years	Possible	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	15.1	days per year with a strike	about 15.1 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Strong Wind	0.294	events per year	about 1 in 3 years	Likely	FEMA annualized frequency (modeled)	4	1986 to 2023 (38 years)	countywide	
Tornado	0.0852	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 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	0.0000269	annual probability at a location	chance a given location in the county burns in a year: 0.00269%	Possible	Storm Events records in 1 of 30 years, 1996 to 2025 (3.33%)	not shown	modeled	see B1-f	Descriptor from Storm Events, not NRI: the NRI value is the chance at a location in the county, not how often the hazard affects the county.
Winter Weather	9.79	event-days per year	about 9.79 days per year	Likely	event-days in 25 of 30 years, 1996 to 2025 (83.3%)	186	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

Unit	Descriptor	Definition
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	12	30	0.4
Hail	2.00 in+	1996 to 2025	0	30	0
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	85	30	2.83
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	6	30	0.2
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	5	30	0.167
Tornado	EF0-1	1996 to 2025	6	30	0.2
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 56				Not Applicable 56	
Coastal Flooding	49 of 56	69.8	96.3	99.6	Very High 2, Relatively High 24, Relatively Moderate 19, Relatively Low 1, Very Low 3, No Rating 7	
Cold Wave	56 of 56	16.6	22.7	26.1	Relatively Low 55, Very Low 1	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Drought	39 of 56	67.9	75.8	83.7	Relatively Low 11, Very Low 28, No Rating 17	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	56 of 56	5.0	42.8	76.6	Relatively Low 36, Very Low 20	
Hail	56 of 56	10.4	55.6	79.7	Relatively Moderate 2, Relatively Low 52, Very Low 2	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Heat Wave	56 of 56	2.0	5.0	8.1	Very Low 56	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	56 of 56	53.5	87.4	94.6	Relatively High 9, Relatively Moderate 46, Relatively Low 1	
Ice Storm	56 of 56	1.2	20.2	55.0	Relatively Low 3, Very Low 53	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	56 of 56	0.3	63.9	84.8	Relatively High 12, Relatively Moderate 27, Relatively Low 15, Very Low 2	
Landslide	56 of 56	29.2	70.1	93.4	Relatively Low 10, Very Low 46	
Lightning	56 of 56	11.4	64.2	78.2	Relatively High 2, Relatively Moderate 51, Relatively Low 2, Very Low 1	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Strong Wind	56 of 56	9.8	45.6	74.5	Relatively Moderate 10, Relatively Low 44, Very Low 2	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Tornado	56 of 56	4.7	31.5	46.6	Relatively Low 33, Very Low 23	
Tsunami	0 of 56				Insufficient Data 56	
Volcanic Activity	0 of 56				Not Applicable 56	
Wildfire	56 of 56	22.3	64.5	78.7	Relatively Low 15, Very Low 41	
Winter Weather	56 of 56	11.4	23.0	35.1	Relatively Low 55, Very Low 1	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.

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

SOURCE

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

Per-member block (Starter, confirm locally)

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Barnstable Town city	Town	Approved, expires 2027-10-05	FMA RL 0, SRL 2; any 28	\$181,477.47	0; 0	
Bourne town	Town	Expired on 2022-11-29	FMA RL 0, SRL 0; any 14	\$975,705.41	13; 5	Includes \$126,081.13 for declarations not counted as hazard incidents (DR-4496-MA, EM-3252-MA).
Brewster town	Town	Approved, expires 2027-03-28	FMA RL 0, SRL 0; any 0	\$638,683.15	4; 0	Includes \$212,008.70 for declarations not counted as hazard incidents (DR-4496-MA, EM-3252-MA).
Chatham town	Town	Expired on 2023-05-10	FMA RL 1, SRL 2; any 10	\$999,194.54	3; 1	Includes \$355,271.43 for declarations not counted as hazard incidents (DR-4496-MA, EM-3252-MA).
Dennis town	Town	Expired on 2016-06-03	FMA RL 0, SRL 1; any 19	\$946,764.24	10; 9	
Eastham town	Town	Expired on 2025-10-21	FMA RL 0, SRL 1; any 8	\$298,292.31	9; 0	Includes \$24,857.30 for declarations not counted as hazard incidents (DR-4496-MA, EM-3252-MA).
Falmouth town	Town	Approved, expires 2028-01-19	FMA RL 0, SRL 4; any 27	\$1,563,996.58	11; 0	Includes \$258,652.59 for declarations not counted as hazard incidents (DR-4496-MA, EM-3252-MA).
Harwich town	Town	Approved, expires 2031-08-26	FMA RL 0, SRL 0; any 5	\$914,276.79	7; not yet covered	Includes \$153,064.22 for declarations not counted as hazard incidents (DR-4496-MA, EM-3252-MA).
Mashpee town	Town	Approved, expires 2029-08-01	FMA RL 0, SRL 1; any 4	\$759,633.59	12; 0	Includes \$333,558.66 for declarations not counted as hazard incidents (DR-4496-MA, EM-3252-MA).
Orleans town	Town	Expired on 2025-01-01	FMA RL 0, SRL 1; any 7	\$450,603.32	13; 0	Includes \$91,740.19 for declarations not counted as hazard incidents (DR-4496-MA, EM-3252-MA).
Provincetown town	Town	Expired on 2026-06-21	FMA RL 0, SRL 4; any 18	\$3,880,321.79	8; 0	Includes \$114,632.90 for declarations not counted as hazard incidents (DR-4496-MA).
Sandwich town	Town	Approved, expires 2030-01-06	FMA RL 1, SRL 1; any 24	\$608,672.55	14; 0	Includes \$15,382.60 for declarations not counted as hazard incidents (EM-3252-MA).
Truro town	Town	Expired on 2022-05-30	FMA RL 1, SRL 0; any 4	\$106,254.57	1; 0	Includes \$32,562.09 for declarations not counted as hazard incidents (DR-4496-MA).
Wellfleet town	Town	Approved, expires 2027-10-05	FMA RL 0, SRL 0; any 0	\$347,914.56	10; 0	Includes \$50,543.11 for declarations not counted as hazard incidents (DR-4496-MA).
Yarmouth town	Town	Approved, expires 2031-08-26	FMA RL 0, SRL 2; any 17	\$772,171.36	8; not yet covered	Includes \$248,649.90 for declarations not counted as hazard incidents (DR-4496-MA, EM-3252-MA).

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

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

SOURCES

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

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

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

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

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

Local data required

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

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

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

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

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since plan <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Avalanche											Not Applicable in NRI for this county
Coastal Flooding	\$10,735,341,276		23,768	\$12,260,083		\$8,181	0.114%				
Cold Wave	\$70,790,349,528	\$29,766,343	228,870	\$440	\$1,421	\$447,908	under 0.0001%				
Drought		\$10,227,714			\$30,849		0.302% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$116,713,294,719		228,996	\$1,288,226		\$176,111	0.0011%				
Hail	\$70,790,349,528	\$29,766,343	228,870	\$512,596	\$2,342	\$46,190	0.000724%				
Heat Wave	\$70,790,349,528	\$29,766,343	228,870	under \$1	\$757	\$229,475	under 0.0001%				
Hurricane	\$70,788,941,976	\$29,766,343	228,867	\$19,361,804	\$195,094	\$409,754	0.0274%				
Ice Storm	\$69,567,667,290		225,671	\$65,817		\$10,325	under 0.0001%				
Inland Flooding	\$70,610,998,295	\$2,253,864	17,093	\$44,122,109	\$21,602	\$77,098	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	\$1,588,889,956		4,832	\$4,541		\$27	0.000286%				

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
Lightning	\$70,790,349,528		228,870	\$178,335		\$880,714	0.000252%				
Strong Wind	\$70,790,349,528	\$29,766,343	228,870	\$392,092	\$7	\$396,970	0.000554%				
Tornado	\$70,790,349,528	\$29,766,343	228,870	\$327,323	\$93	\$804,862	0.000462%				
Tsunami											NRI publishes no building exposure for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$22,335,173,513	\$21,776,887	75,294	\$55,361	\$6	\$3,913	0.000248%				
Winter Weather	\$70,790,349,528	\$29,766,343	228,870	\$21,709	\$9	\$2,640	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	228,870
Building value (total, not at risk)	\$70,790,349,528
Agriculture value (total, not at risk)	\$29,766,343
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$78,842,617
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)	\$3,494,167

Measure	Value
Social vulnerability rating	Relatively 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)	3	Severe repetitive loss, FMA definition (44 CFR 77.2)	19
Repetitive loss, NFIP insurance definition	179	Severe repetitive loss, NFIP insurance definition	14

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	3	19	179	14	185	6	63
BARNSTABLE, TOWN OF	0	2	27	1	28	1	5
CHATHAM, TOWN OF	1	2	8	0	10	3	3
DENNIS, TOWN OF	0	1	19	1	19	0	5
EASTHAM, TOWN OF	0	1	7	0	8	1	1
HARWICH, TOWN OF	0	0	5	0	5	0	1
MASHPEE, TOWN OF	0	1	4	1	4	0	1
ORLEANS, TOWN OF	0	1	7	1	7	0	0
SANDWICH, TOWN OF	1	1	23	0	24	1	12
YARMOUTH, TOWN OF	0	2	17	2	17	0	6
BOURNE, TOWN OF	0	0	14	0	14	0	6
FALMOUTH, TOWN OF	0	4	27	4	27	0	7
PROVINCETOWN, TOWN OF	0	4	17	4	18	0	13
TRURO, TOWN OF	1	0	4	0	4	0	3

SOURCES
FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (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
Barnstable Town city	250001	0	2	27	1	28	1	5	
Bourne town	255210	0	0	14	0	14	0	6	
Brewster town	250003	0	0	0	0	0	0	0	
Chatham town	250004	1	2	8	0	10	3	3	
Dennis town	250005	0	1	19	1	19	0	5	
Eastham town	250006	0	1	7	0	8	1	1	
Falmouth town	255211	0	4	27	4	27	0	7	
Harwich town	250008	0	0	5	0	5	0	1	
Mashpee town	250009	0	1	4	1	4	0	1	
Orleans town	250010	0	1	7	1	7	0	0	
Provincetown town	255218	0	4	17	4	18	0	13	
Sandwich town	250012	1	1	23	0	24	1	12	
Truro town	255222	1	0	4	0	4	0	3	
Wellfleet town	250014	0	0	0	0	0	0	0	
Yarmouth town	250015	0	2	17	2	17	0	6	

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	2	13	143	9	147	4	45
2 to 4 unit residential	0	1	8	1	9	0	5
other residential	1	1	12	1	12	0	9
non-residential	0	4	16	3	17	2	4
not reported	0	0	0	0	0	0	0

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

SOURCES

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

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

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

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

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

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

In this county 1 property is FMA repetitive loss but not NFIP repetitive loss, and 177 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

OpenFEMA disclaimer

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

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.

Reuse, citation and corrections

Reuse and citation: Hazard Plain text and tables are licensed under Creative Commons Attribution 4.0 International (CC BY 4.0, <https://creativecommons.org/licenses/by/4.0/>); credit Hazard Plain and the release. The underlying federal data are public domain; OpenFEMA data are also subject to the OpenFEMA terms and conditions.

Cite this: Hazard Plain (2026). Barnstable County, MA: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-28; County area 25001). Preview: automated baseline. Built from FEMA OpenFEMA, the FEMA National Risk Index and NOAA NCEI Storm Events; source versions in the packet's Sources list.

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_25001. Preview: automated baseline.