

Knox County, ME

Risk-assessment baseline packet

County FIPS: 23013 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: Approved, expires 2030-08-04. Plan: Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816), approved 2025-08-05. Since the plan was approved on 2025-08-05: no new hazard declaration and 12 NOAA Storm Events records; details under "What changed since your last plan". Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Hurricane (\$3,751,787 a year), Inland Flooding (\$3,212,498) and Coastal Flooding (\$1,286,720). 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; 23013 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

Status:	Approved, expires 2030-08-04	Plan:	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)
Approved:	2025-08-05	Days to expiry:	1,404

What changed since your last plan (approved 2025-08-05)

New federal declarations:	none	Storm Events records since approval:	12 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 0, SRL 0 (44 CFR 77.2); any definition: 2	Repeat-flood change:	this release sets the baseline count.

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

Plan status for every jurisdiction listed in this county: 19 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 negative = days since expiry	Notes
Knox County	County	Approved, expires 2030-08-04	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)	2025-08-05	2030-08-04	1,404	this jurisdiction approved 2025-10-15
Rockland city	City	Approved, expires 2030-08-04	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)	2025-08-05	2030-08-04	1,404	this jurisdiction approved 2026-06-02
Appleton town	Town	Approved, expires 2030-08-04	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)	2025-08-05	2030-08-04	1,404	this jurisdiction approved 2025-10-15
Camden town	Town	Approved, expires 2030-08-04	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)	2025-08-05	2030-08-04	1,404	this jurisdiction approved 2025-11-18
Cushing town	Town	Approved, expires 2030-08-04	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)	2025-08-05	2030-08-04	1,404	this jurisdiction approved 2025-12-11
Friendship town	Town	Approved, expires 2030-08-04	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)	2025-08-05	2030-08-04	1,404	this jurisdiction approved 2026-02-04
Hope town	Town	Approved, expires 2030-08-04	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)	2025-08-05	2030-08-04	1,404	this jurisdiction approved 2025-09-08
Isle au Haut town	Town	Approved, expires 2030-08-04	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)	2025-08-05	2030-08-04	1,404	this jurisdiction approved 2025-08-18
Matinicus Isle plantation	Plantation	Approved, expires 2030-08-04	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)	2025-08-05	2030-08-04	1,404	this jurisdiction approved 2025-08-18
North Haven town	Town	Approved, expires 2030-08-04	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)	2025-08-05	2030-08-04	1,404	this jurisdiction approved 2025-08-18
Rockport town	Town	Approved, expires 2030-08-04	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)	2025-08-05	2030-08-04	1,404	
South Thomaston town	Town	Approved, expires 2030-08-04	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)	2025-08-05	2030-08-04	1,404	this jurisdiction approved 2025-10-15
St. George town	Town	Approved, expires 2030-08-04	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)	2025-08-05	2030-08-04	1,404	this jurisdiction approved 2025-10-15
Thomaston town	Town	Approved, expires 2030-08-04	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)	2025-08-05	2030-08-04	1,404	
Union town	Town	Approved, expires 2030-08-04	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)	2025-08-05	2030-08-04	1,404	this jurisdiction approved 2026-06-02
Vinalhaven town	Town	Approved, expires 2030-08-04	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)	2025-08-05	2030-08-04	1,404	
Warren town	Town	Approved, expires 2030-08-04	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)	2025-08-05	2030-08-04	1,404	this jurisdiction approved 2025-09-08
Washington town	Town	Approved, expires 2030-08-04	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)	2025-08-05	2030-08-04	1,404	this jurisdiction approved 2025-08-18
Owls Head, Town of	Town	Approved, expires 2030-08-04	Knox County Hazard Mitigation Plan – 2025 Update (FEMA plan 110816)	2025-08-05	2030-08-04	1,404	this jurisdiction approved 2026-04-09

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	Hurricane	Relatively Moderate	Relatively Moderate	\$3,636,757	\$54,837	\$60,193	\$3,751,787	4	
2	Inland Flooding	Very Low	Very Low	\$3,163,925	\$850	\$47,723	\$3,212,498	39	
3	Coastal Flooding	Relatively Moderate	Relatively Moderate	\$1,285,561	n/a	\$1,159	\$1,286,720	13	
4	Ice Storm	Relatively High	Relatively High	\$1,016,533	n/a	\$38,155	\$1,054,687	4	
5	Winter Weather	Relatively High	Relatively High	\$169,618	\$6	\$355,133	\$524,757	161	
6	Strong Wind	Relatively Low	Relatively Low	\$5,696	\$148	\$489,298	\$495,141	96	Includes 24 High Wind and 39 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
7	Cold Wave	Relatively Low	Relatively Low	\$189	\$1,628	\$463,809	\$465,626	22	
8	Lightning	Relatively Low	Relatively Low	\$30,265	n/a	\$256,906	\$287,171	9	
9	Earthquake	Very Low	Very Low	\$244,382	n/a	\$34,302	\$278,684		Storm Events does not record earthquakes.
10	Tornado	Very Low	Very Low	\$42,336	\$29	\$90,446	\$132,810	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
11	Hail	Very Low	Very Low	\$80,663	\$2,181	\$8,043	\$90,887	10	
12	Drought	Relatively Low	Relatively Low	n/a	\$55,822	n/a	\$55,822	21	

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
13	Landslide	Relatively Low	Relatively Low	\$41,106	n/a	\$213	\$41,319	1	
14	Heat Wave	Very Low	Very Low	under \$1	\$307	\$28,113	\$28,421	2	
15	Wildfire	Very Low	Very Low	\$6,802	\$1	\$562	\$7,365	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
16	Avalanche	Very Low	Very Low	under \$1	n/a	\$135	\$135	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 wildfire 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: 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>
Avalanche	tract 9702 (Very Low, 19.9); tract 9705 (Very Low, 16.6)
Earthquake	tract 9707 (Relatively Low, 53.7); tract 9702 (Relatively Low, 51.5); tract 9705 (Relatively Low, 49.3)
Hurricane	tract 9702 (Relatively High, 90.1); tract 9707 (Relatively Moderate, 87.7); tract 9705 (Relatively Moderate, 87.3)
Landslide	tract 9702 (Relatively Moderate, 97.8); tract 9711 (Relatively Moderate, 97.0); tract 9705 (Relatively Moderate, 97.0)
Tornado	tract 9702 (Relatively Low, 32.6); tract 9707 (Very Low, 29.1); tract 9703.02 (Very Low, 27.5)
Tsunami	no tract has a National Risk Index rating for this hazard
Wildfire	tract 9702 (Very Low, 66.6); tract 9705 (Very Low, 65.1); tract 9710 (Very Low, 62.6)

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 9702 is Census Tract 9702). 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
Avalanche	none (count and damage only)	0					
Coastal Flood, Storm Surge/ Tide	none in data (flood depth: FIRM)	13 records, 1996 to 2024 (11 zone-level)		Coastal Flood, 2024-01-10, \$7,000,000 property; \$0 crops (2024 dollars); NWS zone MEZ027		Event records naming jurisdictions in the plan: Rockland city (1 record). Zone-level records (11) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	22 records, 1998 to 2023 (22 zone-level)	1 day to 4 days (median 2 days); 20 with a recorded value	4 consecutive days, 2004-01-13 to 2004-01-16, zone-level		Countywide (zone-level records).	
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	0					
Drought	U.S. Drought Monitor scale (D0 to D4)	21 records, 1999 to 2026 (21 zone-level)	1 day to 212 days (median 67 days); 8 with a recorded value	212 days (7 months), 2025-11-01 to 2026-05-31, a run of 7 consecutive Storm Events drought records, zone-level	Drought, 2020-10-01, \$0 property; \$500,000 crops (zone total, 2020 dollars)	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)	11 records, 1986 to 2019	0.75 in to 1.25 in (median 0.88 in); 11 with a recorded value	1.25 in hail, 2019-09-24	Hail, 1996-07-08, property not reported; \$130,000 crops (1996 dollars)	Event records naming jurisdictions in the plan: Hope town (2 records), Rockland city (1 record), St. George town (1 record), Thomaston town (1 record), Warren town (1 record), Washington town (1 record).	
Excessive Heat, Heat	heat index (in event narratives)	2 records, 1998 (2 zone-level)		No in-season record among 2 records, so no run is shown (see the note).		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	4 records, 1996 to 2023 (4 zone-level)		Strongest recorded: Hurricane record (NOAA event type 'Hurricane (Typhoon)'), 1996-09-02, damage not reported; NWS zone MEZ027		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)	4 records, 1996 to 2013 (4 zone-level)		Ice Storm, 1998-01-05, \$3,000,000 property; crops not reported (1998 dollars); NWS zone MEZ027		Countywide (zone-level records).	
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	39 records, 1996 to 2024 (7 zone-level)		Flood, 2021-10-31, \$1,500,000 property; \$0 crops (2021 dollars)		Event records naming jurisdictions in the plan: Camden town (7 records), Appleton town (4 records), Hope town (3 records), Rockland city (3 records), Friendship town (2 records), Thomaston town (2 records), Union town (2 records), Warren town (2 records), Washington town (2 records), Rockport town (1 record); and 2 more jurisdictions (see the Excel file). Zone-level records (7) 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)	1 record, 1996 (1 zone-level)		Debris Flow, 1996-04-16, \$570,000 property; crops not reported (1996 dollars); NWS zone MEZ027		Countywide (zone-level records).	
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	9 records, 1996 to 2010		Lightning, 2009-07-03, \$300,000 property; \$0 crops (2009 dollars)		Event records naming jurisdictions in the plan: Rockland city (3 records), Isle au Haut town (1 record), Thomaston town (1 record), Warren town (1 record).	Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	63 records, 1996 to 2024 (63 zone-level)	30 kt (35 mph) to 61 kt (70 mph) (median 50 kt (58 mph)); 26 with a recorded value	61 kt (70 mph) estimated gust, High Wind, 2017-10-30; NWS zone MEZ027	High Wind, 2007-04-16, \$55,000 property; \$0 crops (zone total, 2007 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	38 records, 1987 to 2024	50 kt (58 mph) to 60 kt (69 mph) (median 50 kt (58 mph)); 34 with a recorded value	60 kt (69 mph), measurement type not recorded, Thunderstorm Wind, 1987-07-26		Event records naming jurisdictions in the plan: Camden town (7 records), Washington town (5 records), Union town (4 records), Hope town (2 records), Rockport town (2 records), St. George town (2 records), Appleton town (1 record), Rockland city (1 record), South Thomaston town (1 record), Thomaston town (1 record); and 1 more jurisdiction (see the Excel file).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Tornado	Enhanced Fujita (Fujita before Feb 2007)	1 record, 1969		no rating recorded tornado, 1969-08-08, 1 mi path length (whole path, pre-1996), 50 yd wide, \$25,000 property; crops not recorded (1969 dollars)		No event record names a jurisdiction in the plan.	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).
Tsunami	none (count and damage only)	0					
Wildfire	acres burned (local data)	0					
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	161 records, 1996 to 2026 (161 zone- level)		No damage reported in 161 records.		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 avalanche, 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: 31 declarations covering 25 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

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
2024-03-20	2024-01-09	DR-4764-ME	Major disaster	Severe Storms and Flooding	Inland Flooding	\$2,618,012.58	within last 5 years	
2023-09-14	2023-09-15	EM-3598-ME	Emergency	Hurricane Lee	Hurricane	no Public Assistance recorded	within last 5 years	
2023-07-06	2023-04-30	DR-4719-ME	Major disaster	Severe Storm and Flooding	Inland Flooding	\$624,668.55	within last 5 years	
2023-03-22	2022-12-23	DR-4696-ME	Major disaster	Severe Storm and Flooding	Inland Flooding	\$426,211.80	within last 5 years	
2022-03-15	2021-10-30	DR-4647-ME	Major disaster	Severe Storm and Flooding	Coastal Flooding	\$1,301,396.50	within last 5 years	

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance		Flags	Notes
						<i>federal share obligated, nominal dollars</i>			
2020-04-04	2020-01-20	DR-4522-ME	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$216,816.06			
2020-03-13	2020-01-20	EM-3444-ME	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded			same incident as DR-4522
2018-01-02	2017-10-29	DR-4354-ME	Major disaster	Severe Storm and Flooding	Inland Flooding	\$164,075.10			
2013-03-25	2013-02-08	DR-4108-ME	Major disaster	Severe Winter Storm, Snowstorm, and Flooding	Inland Flooding; Winter Weather	\$253,085.90			
2010-03-25	2010-02-23	DR-1891-ME	Major disaster	Severe Winter Storm	Winter Weather	\$172,728.83			
2009-07-30	2009-06-18	DR-1852-ME	Major disaster	Severe Storms, Flooding, and Landslides	Inland Flooding; Landslide	\$154,856.04			
2009-01-09	2008-12-11	DR-1815-ME	Major disaster	Severe Winter Storm and Flooding	Inland Flooding; Winter Weather	\$494,870.22			
2008-12-15	2008-12-11	EM-3298-ME	Emergency	Severe Winter Storm	Winter Weather	no Public Assistance recorded			same incident as DR-1815
2008-05-09	2008-04-28	DR-1755-ME	Major disaster	Severe Storms and Flooding	Inland Flooding	\$271,376.52			
2007-04-25	2007-04-15	DR-1693-ME	Major disaster	Severe Storms and Inland and Coastal Flooding	Coastal Flooding	\$281,284.55			
2007-04-20	2007-03-16	DR-1691-ME	Major disaster	Flooding	Inland Flooding	\$442,049.36			
2005-09-19	2005-08-29	EM-3256-ME	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	no Public Assistance recorded			
2005-06-29	2005-03-29	DR-1591-ME	Major disaster	Severe Storms, Flooding, Snow Melt, and Ice Jams	Inland Flooding	\$313,127.22			
2005-03-14	2005-02-10	EM-3206-ME	Emergency	Record and/or Near Record Snow	Winter Weather	\$126,438.33			
1998-01-13	1998-01-05	DR-1198-ME	Major disaster	Severe Ice Storms, Rains and High Winds	Ice Storm; Strong Wind	no Public Assistance recorded			
1996-05-20	1996-04-16	DR-1114-ME	Major disaster	Severe Storms, Mudslides, Flooding	Inland Flooding; Landslide	no Public Assistance recorded			
1993-03-15	1993-03-13	EM-3099-ME	Emergency	Blizzards, Severe Winds & Snowfall, Coastal Storm	Winter Weather (primary); also designated: Coastal Flooding	no Public Assistance recorded			
1992-03-27	1992-03-10	DR-940-ME	Major disaster	Heavy Rains, Ice Jams & Flooding	Inland Flooding	no Public Assistance recorded			
1991-11-07	1991-10-30	DR-921-ME	Major disaster	Coastal Storm	Coastal Flooding	PA not declared for this county			
1991-08-28	1991-08-18	DR-915-ME	Major disaster	Hurricane Bob & Flooding	Hurricane	PA not declared for this county			
1987-04-09	1987-03-30	DR-788-ME	Major disaster	Severe Storms & Flooding	Inland 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>		
1980-09-20	1980-09-20	EM-3082-ME	Emergency	Red Tide-Toxic Algae	Fishing Losses: economic loss, not a physical hazard event; non-natural, not counted	PA not declared for this county		
1974-01-18	1974-01-18	DR-410-ME	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1972-09-28	1972-09-28	DR-356-ME	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		
1972-03-07	1972-03-07	DR-326-ME	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1970-02-27	1970-02-27	DR-284-ME	Major disaster	Severe Storms, Ice Jams & 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
1954-09-13	1954-09-13	DR-24-ME	Major disaster	Hurricanes	Hurricane (primary); also designated: Inland Flooding

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.

2 Fire Management declarations (1977-07-22 to 1992-05-22) 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
Avalanche	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Coastal Flooding	13	0	0	3	4	0	1996 to 2026-06-30	
Cold Wave	22	0	0	1	0	0	1996 to 2026-06-30	
Drought	21	9	0	9	0	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	11	0	0	0	0	0	1955 to 2026-06-30	
Heat Wave	2	0	0	0	0	0	1996 to 2026-06-30	

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
Hurricane	4	0	0	1	2	0	1996 to 2026-06-30	
Ice Storm	4	0	0	0	1	0	1996 to 2026-06-30	
Inland Flooding	39	0	0	9	16	0	1996 to 2026-06-30	
Landslide	1	0	0	0	2	0	1996 to 2026-06-30	
Lightning	9	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	101	0	0	8	1	0	1955 to 2026-06-30	Includes 24 High Wind and 39 Strong Wind records.
Tornado	1	0	0	0	0	0	1950 to 2026-06-30	
Tsunami	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	161	3	2	18	5	0	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	Flags	Why listed
2024-01-10	Coastal Flood		\$7,000,000 property; \$0 crops (zone total, 2024 dollars)	0, 0	NWS zone MEZ027 (KNOX), zone-level	within last 5 years	B1-c worst recorded: Coastal Flood, Storm Surge/Tide
2021-10-31	Flood		\$1,500,000 property; \$0 crops (2021 dollars)	0, 0	(RKD)ROCKLAND ARPT to CAMDEN	within last 5 years	B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2017-10-30	High Wind	61 kt (70 mph) estimated gust	property not reported; \$0 crops (zone total, 2017 dollars)	0, 0	NWS zone MEZ027 (KNOX), zone-level		B1-c worst recorded: High Wind and Strong Wind
2009-07-03	Lightning		\$300,000 property; \$0 crops (2009 dollars)	0, 0	ISLE AU HAUT		B1-c worst recorded: Lightning
2004-01-13	Cold/Wind Chill		damage not reported	0, 0	NWS zone MEZ027 (KNOX), zone-level		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2002-07-04	Lightning		damage not reported	0, 1	ROCKLAND		deaths or injuries recorded
2001-10-08	Strong Wind	speed not recorded	damage not reported	1, 0	NWS zone MEZ027 (KNOX), zone-level		deaths or injuries recorded
1998-01-05	Ice Storm		\$3,000,000 property; crops not reported (zone total, 1998 dollars)	0, 0	NWS zone MEZ027 (KNOX), zone-level		B1-c worst recorded: Ice Storm
1996-09-02	Hurricane (NOAA event type 'Hurricane (Typhoon)')		damage not reported	0, 0	NWS zone MEZ027 (KNOX), zone-level		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
1996-07-13	Flash Flood		\$5,000 property; crops not reported (1996 dollars)	0, 2	CAMDEN		deaths or injuries recorded
1987-07-26	Thunderstorm Wind	60 kt (69 mph), measurement type not recorded	damage not recorded (pre-1996 record)	0, 0	location not recorded		B1-c worst recorded: Thunderstorm Wind
1969-08-08	Tornado	no rating recorded, 1 mi path length (whole path, pre-1996), 50 yd wide	\$25,000 property; crops not recorded (1969 dollars)	0, 0	location not recorded		B1-c worst recorded: Tornado

The full list is in the Excel file, sheet "B1-d Storm Events history" (389 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
Avalanche	0.01	events per year	about 1 in 100 years	Possible	FEMA annualized frequency (modeled)	0	1994 to 2023 (30 years)	see B1-f	0.01 is NRI's minimum avalanche frequency for a county in an avalanche susceptibility zone; NRI records no avalanche here, so the descriptor reflects the floor, not local events.
Coastal Flooding	8.38	events per year at a location (modeled)	about 8.4 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	1.69	event-days per year	about 1.69 days per year	Likely	Storm Events event-days in 8 of 30 years, 1996 to 2025 (26.7%)	32	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	2.16	event-days per year	about 2.16 days per year	Likely	Storm Events event-days in 4 of 30 years, 1996 to 2025 (13.3%)	105	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.00135	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.135%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	0.672	events per year	about 0.67 per year	Likely	FEMA annualized frequency (modeled)	29.5 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	0.737	event-days per year	about 0.737 days per year	Possible	Storm Events event-days in 1 of 30 years, 1996 to 2025 (3.33%)	14	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.101	events per year	about 1 in 10 years	Likely	FEMA annualized frequency (modeled)	36	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	1.26	event-days per year	about 1.26 days per year	Likely	Storm Events event-days in 4 of 30 years, 1996 to 2025 (13.3%)	37	1946-12-31 to 2014-02-12 (67 years)	countywide	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area- weighted, so can be fractional)	NRI period	Location	Note
Inland Flooding	0.714	event-days per year	about 0.714 days per year	Likely	Storm Events event-days in 12 of 30 years, 1996 to 2025 (40%)	20	1996 to 2023 (28 years)	see B1-f	
Landslide	0.0855	events per year (modeled)	about 1 in 12 years	Possible	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	13.9	days per year with a strike	about 13.9 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	0.495	events per year	about 1 in 2 years	Likely	FEMA annualized frequency (modeled)	8	1986 to 2023 (38 years)	countywide	
Tornado	0.0243	events per year	about 1 in 41 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	0.0000119	annual probability at a location	chance a given location in the county burns in a year: 0.00119%		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
Winter Weather	16.2	event-days per year	about 16.2 days per year	Highly likely	Storm Events event-days in 28 of 30 years, 1996 to 2025 (93.3%)	307	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	5	30	0.167
Hail	2.00 in+	1996 to 2025	0	30	0
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	33	30	1.1
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	0	30	0
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	0	30	0
Tornado	EF0-1	1996 to 2025	0	30	0
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	
Avalanche	2 of 12	16.6	18.2	19.9	Very Low 2, Not Applicable 10
Coastal Flooding	10 of 12	89.9	94.8	98.2	Relatively High 4, Relatively Moderate 6, No Rating 2
Cold Wave	12 of 12	31.6	40.0	55.7	Relatively Moderate 3, Relatively Low 9
Drought	7 of 12	70.9	81.2	91.5	Relatively Low 4, Very Low 3, No Rating 5
Earthquake	12 of 12	29.7	39.9	53.7	Relatively Low 5, Very Low 7
Hail	12 of 12	37.3	51.7	60.0	Relatively Low 12
Heat Wave	12 of 12	2.5	3.2	4.7	Very Low 12
Hurricane	12 of 12	84.3	85.3	90.1	Relatively High 1, Relatively Moderate 11
Ice Storm	12 of 12	93.3	95.7	98.7	Very High 2, Relatively High 10
Inland Flooding	12 of 12	3.5	12.5	42.9	Relatively Low 4, Very Low 8
Landslide	12 of 12	64.9	94.4	97.8	Relatively Moderate 5, Relatively Low 6, Very Low 1
Lightning	12 of 12	51.8	70.1	85.5	Relatively High 4, Relatively Moderate 8
Strong Wind	12 of 12	43.9	70.4	87.1	Relatively High 2, Relatively Moderate 7, Relatively Low 3
Tornado	12 of 12	7.2	22.9	32.6	Relatively Low 1, Very Low 11
Tsunami	0 of 12				Insufficient Data 12
Wildfire	12 of 12	52.8	60.5	66.6	Very Low 12
Winter Weather	12 of 12	95.3	97.2	99.3	Very High 10, Relatively High 2

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
Knox County	County	Approved, expires 2030-08-04	FMA RL 0, SRL 0; any 0	\$86,272.87	0 total; 0 since its plan	Includes \$43,430.30 for declarations not counted as hazard incidents (DR-4522-ME).
Rockland city	City	Approved, expires 2030-08-04	FMA RL 0, SRL 0; any 0	\$1,042,962.79	9 total; 0 since its plan	Includes \$27,440.40 for declarations not counted as hazard incidents (DR-4522-ME).
Appleton town	Town	Approved, expires 2030-08-04	FMA RL 0, SRL 0; any 0	\$233,338.16	5 total; 0 since its plan	
Camden town	Town	Approved, expires 2030-08-04	FMA RL 0, SRL 0; any 1	\$1,553,192.34	14 total; 0 since its plan	
Cushing town	Town	Approved, expires 2030-08-04	FMA RL 0, SRL 0; any 0	\$33,423.25	0 total; 0 since its plan	
Friendship town	Town	Approved, expires 2030-08-04	FMA RL 0, SRL 0; any 0	\$84,478.21	2 total; 0 since its plan	
Hope town	Town	Approved, expires 2030-08-04	FMA RL 0, SRL 0; any 0	\$495,105.35	7 total; 0 since its plan	
Isle au Haut town	Town	Approved, expires 2030-08-04	FMA RL 0, SRL 0; any 0	\$18,930.96	1 total; 0 since its plan	
Matinicus Isle plantation	Plantation	Approved, expires 2030-08-04	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; 0 since its plan	
North Haven town	Town	Approved, expires 2030-08-04	FMA RL 0, SRL 0; any 0	\$26,879.71	0 total; 0 since its plan	
Rockport town	Town	Approved, expires 2030-08-04	FMA RL 0, SRL 0; any 0	\$1,337,693.45	3 total; 0 since its plan	
South Thomaston town	Town	Approved, expires 2030-08-04	FMA RL 0, SRL 0; any 0	\$1,775.30	2 total; 0 since its plan	
St. George town	Town	Approved, expires 2030-08-04	FMA RL 0, SRL 0; any 0	\$580,619.23	4 total; 0 since its plan	Includes \$49,331.61 for declarations not counted as hazard incidents (DR-4522-ME).
Thomaston town	Town	Approved, expires 2030-08-04	FMA RL 0, SRL 0; any 0	\$160,283.13	5 total; 0 since its plan	Includes \$58,112.57 for declarations not counted as hazard incidents (DR-4522-ME).
Union town	Town	Approved, expires 2030-08-04	FMA RL 0, SRL 0; any 0	\$465,409.43	6 total; 0 since its plan	
Vinalhaven town	Town	Approved, expires 2030-08-04	FMA RL 0, SRL 0; any 0	\$167,965.52	0 total; 0 since its plan	
Warren town	Town	Approved, expires 2030-08-04	FMA RL 0, SRL 0; any 0	\$182,814.91	5 total; 0 since its plan	

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
Washington town	Town	Approved, expires 2030-08-04	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	8 total; 0 since its plan	
Owls Head, Town of	Town	Approved, expires 2030-08-04		\$220,126.94		No NFIP community ID on this jurisdiction's plan row. FEMA plan ID only (no Census ID), so event records are not matched to this place by name.

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

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.

- 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 2025-08-05 <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	\$320,907	n/a	under 1	under \$1	n/a	\$135	under 0.0001%				
Coastal Flooding	\$415,402,493	n/a	1,094	\$1,285,561	n/a	\$1,159	0.309%				
Cold Wave	\$10,444,902,691	\$11,738,602	40,597	\$189	\$1,628	\$463,809	under 0.0001%				
Drought	n/a	\$5,730,202	n/a	n/a	\$55,822	n/a	0.974% (agriculture)		\$0		NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$18,092,981,501	n/a	40,607	\$244,382	n/a	\$34,302	0.00135%				
Hail	\$10,444,902,691	\$11,738,602	40,597	\$80,663	\$2,181	\$8,043	0.000772%				
Heat Wave	\$10,444,902,691	\$11,738,602	40,597	under \$1	\$307	\$28,113	under 0.0001%				

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	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 2025-08-05 <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
Hurricane	\$10,444,838,550	\$11,738,602	40,597	\$3,636,757	\$54,837	\$60,193	0.0348%				
Ice Storm	\$10,432,192,318	n/a	40,565	\$1,016,533	n/a	\$38,155	0.00974%				
Inland Flooding	\$10,373,449,585	\$132,955	1,010	\$3,163,925	\$850	\$47,723	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	\$363,376,345	n/a	1,322	\$41,106	n/a	\$213	0.0113%				
Lightning	\$10,444,902,691	n/a	40,597	\$30,265	n/a	\$256,906	0.00029%				
Strong Wind	\$10,444,902,691	\$11,738,602	40,597	\$5,696	\$148	\$489,298	under 0.0001%				
Tornado	\$10,444,902,691	\$11,738,602	40,597	\$42,336	\$29	\$90,446	0.000405%				
Tsunami	n/a	n/a	n/a	n/a	n/a	n/a					NRI publishes no building exposure for this county
Wildfire	\$6,233,617,737	\$10,667,821	25,374	\$6,802	\$1	\$562	0.000109%				
Winter Weather	\$10,444,902,691	\$11,738,602	40,597	\$169,618	\$6	\$355,133	0.00162%				

Totals since 2025-08-05 (Storm Events through 2026-06-30): 0 county-coded records, 0 with a damage value recorded (including \$0), \$0; 12 zone-level records, 9 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance: no counted declaration since the plan.

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	40,597
Building value (total, not at risk)	\$10,444,902,691
Agriculture value (total, not at risk)	\$11,738,602
NRI risk rating (all hazards)	Very Low
Expected annual loss, buildings and agriculture, all hazards	\$9,839,639
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)	\$1,874,190
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)	0
Repetitive loss, NFIP insurance definition	2	Severe repetitive loss, NFIP insurance definition	0

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

Repeat-flood properties: county and state-level rows

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	0	2	0	2	0	1
of which: Camden town	0	0	1	0	1	0	1
of which: Owls Head town (community ID not in plan data)	0	0	1	0	1	0	0
Statewide, no county in FEMA's file	0	0	3	0	3	0	0

The statewide row counts properties FEMA's file gives with no county in this state; they are listed for reference and are not in this county's counts.

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>
Knox County	231044	0	0	0	0	0	0	0
Rockland city	230076	0	0	0	0	0	0	0
Appleton town	230073	0	0	0	0	0	0	0
Camden town	230074	0	0	1	0	1	0	1
Cushing town	230224	0	0	0	0	0	0	0
Friendship town	230225	0	0	0	0	0	0	0
Hope town	230226	0	0	0	0	0	0	0
Isle au Haut town	230227	0	0	0	0	0	0	0
Matinicus Isle plantation	230603	0	0	0	0	0	0	0
North Haven town	230228	0	0	0	0	0	0	0
Rockport town	230077	0	0	0	0	0	0	0
South Thomaston town	230078	0	0	0	0	0	0	0
St. George town	230229	0	0	0	0	0	0	0
Thomaston town	230079	0	0	0	0	0	0	0
Union town	230080	0	0	0	0	0	0	0
Vinalhaven town	230230	0	0	0	0	0	0	0
Warren town	230081	0	0	0	0	0	0	0
Washington town	230082	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	0	2	0	2	0	1
2 to 4 unit residential	0	0	0	0	0	0	0
other residential	0	0	0	0	0	0	0
non-residential	0	0	0	0	0	0	0
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 2 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):

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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.

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).

Reuse, citation and corrections

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Cite this: Hazard Plain (2026). Knox County, ME: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 23013). Automated baseline. <https://hazardplain.org/me/23013/> 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