

Washington County, RI

Risk-assessment baseline packet

Unit **County area 44009** Release **2026-10** As of **2026-09-28** Storm Events data through **2026-06-30**

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

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Plan clock

No county-level plan row in FEMA data

What changed since your last plan

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

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

Plan status for every jurisdiction listed in this county

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Charlestown town	Town	Approved, expires 2030-11-12	Natural Hazard Mitigation Plan Update 2025 Charlestown, Rhode Island (FEMA plan 110911)	2025-11-13	2030-11-12	1,506		
Exeter town	Town	Approved, expires 2030-08-20	Towns of Exeter and West Greenwich, RI 2025 Hazard Mitigation and Floodplain Management Plan Update (FEMA plan 111030)	2025-08-21	2030-08-20	1,422		
Hopkinton town	Town	Approved, expires 2029-04-23	2024 Hopkinton Hazard Mitigation and Flood Management Plan Update (FEMA plan 109524)	2024-04-24	2029-04-23	938		
Narragansett town	Town	Approved, expires 2029-09-24	Strategy for Reducing Risks from Natural Hazards in Narragansett, Rhode Island: A Multi-Hazard Mitigation Strategy (FEMA plan 109838)	2024-09-25	2029-09-24	1,092		

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
New Shoreham town	Town	Approved, expires 2030-05-28	Town of New Shoreham 2025 Hazard Mitigation & Flood Management Plan (FEMA plan 110784)	2025-05-29	2030-05-28	1,338		
North Kingstown town	Town	Approved, expires 2030-08-19	Town of North Kingstown Natural Hazard Mitigation Plan (FEMA plan 110653)	2025-08-20	2030-08-19	1,421		
Richmond town	Town	Approved, expires 2027-09-13	Richmond, RI Hazard Mitigation Plan 2022 Update (FEMA plan 108289)	2022-09-14	2027-09-13	350		
South Kingstown town	Town	Approved, expires 2031-07-06	South Kingstown, Rhode Island Hazard Mitigation Plan 2026 Update (FEMA plan 111799)	2026-07-07	2031-07-06	1,742		
Westerly town	Town	Approved, expires 2028-03-21	Town of Westerly 2023 Hazard Mitigation & Flood Management Plan (FEMA plan 108927)	2023-03-22	2028-03-21	540		
University of Rhode Island	College/University	Approved, expires 2028-12-12	2023 Hazard Mitigation Plan, University of Rhode Island (FEMA plan 109186)	2023-12-13	2028-12-12	806		

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

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

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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 modeled dollars per year	EAL agriculture modeled dollars per year	EAL population equivalence statistical value of life and injury, \$13.7M per life, not property damage	EAL total (see note) modeled dollars per year	Storm Events records since 1996 count	Evidence for an omission NRI Not Applicable, no declaration and no Storm Events record since 1996	Storm Events coverage note
1	Inland Flooding	Relatively Moderate	Relatively Moderate	\$21,962,421	\$2	\$25,612	\$21,988,034	29		
2	Hurricane	Relatively Moderate	Relatively Moderate	\$3,167,002	\$232,538	\$82,407	\$3,481,947	5		
3	Coastal Flooding	Relatively Moderate	Relatively Moderate	\$2,339,196		\$5,833	\$2,345,028	11		
4	Earthquake	Relatively Low	Relatively Low	\$787,144		\$134,349	\$921,493			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	\$546,574	\$370	\$117,201	\$664,145	3		
6	Lightning	Relatively Moderate	Relatively Moderate	\$22,672		\$538,214	\$560,886	8		
7	Cold Wave	Relatively Low	Relatively Low	\$260	\$1,720	\$423,204	\$425,184	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
8	Heat Wave	Relatively Low	Relatively Low	\$1	\$2,255	\$416,282	\$418,538	3		
9	Strong Wind	Relatively Low	Relatively Low	\$157,120	\$1	\$235,407	\$392,529	191		Includes 77 High Wind records and 73 Strong Wind records, event types the NRI definition of this hazard leaves out.
10	Ice Storm	Relatively Moderate	Relatively Moderate	\$276,557		\$33,585	\$310,142	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
11	Drought	Relatively Low	Relatively Low		\$123,855		\$123,855	4		
12	Winter Weather	Relatively Low	Relatively Low	\$12,677	\$9	\$52,893	\$65,579	76		
13	Wildfire	Very Low	Very Low	\$11,118	\$1	\$1,533	\$12,653	0		Declared 1 time; no Storm Events record of this type. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
14	Hail	Very Low	Very Low	\$4,764	\$28	\$1,567	\$6,359	25		
15	Landslide	Very Low	Very Low	\$542		\$204	\$746	0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
	Avalanche	Not Applicable	Not Applicable					0	NRI rates avalanche Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	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 29

Hazard	Location	Census tracts rated
		<i>rated of all tracts</i>
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.	23 of 29
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	29 of 29
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	17 of 29
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.	29 of 29
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	29 of 29
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	29 of 29
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.	29 of 29
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	29 of 29
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.	29 of 29
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.	29 of 29
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	29 of 29
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	29 of 29
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.	29 of 29
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 29
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 29
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.	29 of 29
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	29 of 29

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)	11, 1997 to 2024 (11 zone-level)		Coastal Flood, 2012-10-29, \$4,700,000 property; \$0 crops, reported for the zone (2012 dollars); NWS zone RIZ006 (WASHINGTON), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Flood depth: see the FEMA Flood Insurance Rate Map.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	0					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	4, 2012 to 2016 (4 zone- level)	13 days to 79 days (median 46 days); 2 with a recorded value	79 days (about 2.6 months), 2016-09-13 to 2016-11-30, a run of 3 consecutive Storm Events drought records, zone- level		Zone-level records: applies countywide; national data do not locate these events within the county.	Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					No Storm Events record; local data required (e.g., USGS).
Hail	hail size (inches)	27, 1995 to 2024	0.75 in to 2.75 in (median 1 in); 27 with a recorded value	2.75 in hail, 1998-06-30		Event records naming member places: North Kingstown town (8 records), Richmond town (3 records), Charlestown town (1 record), Exeter town (1 record), Hopkinton town (1 record), South Kingstown town (1 record), Westerly town (1 record).	
Excessive Heat, Heat	heat index (narratives)	3, 2010 to 2025 (3 zone- level)	1 day to 4 days (median 2.5 days); 2 with a recorded value	4 consecutive days, 2025-06-22 to 2025-06-25, 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	5, 2011 to 2021 (5 zone- level)		Strongest recorded (records with damage, a wind speed or direct casualties first, then storm type, category and wind): Tropical Storm record, 2021-08-22, \$1,000,000 property; \$0 crops, reported for the zone (2021 dollars); NWS zone RIZ006 (WASHINGTON), 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.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	29, 1997 to 2024 (2 zone-level)		Flood, 2010-03-29, \$24,760,000 property; \$0 crops (2010 dollars)		Event records naming member places: Charlestown town (3 records), North Kingstown town (2 records), Westerly town (2 records), Exeter town (1 record), Richmond town (1 record). Zone-level records (2) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage can be \$0 or blank even for a major flood, so the worst record here may not be the worst flood; compare FEMA Public Assistance by declaration in B1-d.
Debris Flow	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	8, 2001 to 2023		Lightning, 2004-08-11, damage not reported, 1 direct death, 1 direct injury	Lightning, 2012-06-25, \$25,000 property; \$0 crops (2012 dollars)	Event records naming member places: Charlestown 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)	150, 1996 to 2025 (150 zone-level)	33 kt (38 mph) to 75 kt (86 mph) (median 50 kt (58 mph)); 105 with a recorded value	75 kt (86 mph) estimated gust, High Wind, 2012-10-29, 1 direct injury (reported for the zone); NWS zone RIZ006 (WASHINGTON), zone-level: may include parts of neighboring counties	High Wind, 2005-12-09, \$80,000 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)	51, 1959 to 2023	39 kt (45 mph) to 100 kt (115 mph) (median 50 kt (58 mph)); 45 with a recorded value	100 kt (115 mph), measurement type not recorded, Thunderstorm Wind, 1990-10-18	Thunderstorm Wind, 1996-08-24, \$750,000 property; crops not reported (1996 dollars)	Event records naming member places: Westerly town (5 records), Hopkinton town (3 records), Charlestown town (2 records), Exeter town (1 record), North Kingstown town (1 record), Richmond town (1 record).	

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Tornado	Enhanced Fujita (F before Feb 2007)	3, 2012 to 2021	F/EF0 to F/EF1 (median F/EF0); 3 with a recorded value	EF1 tornado, 2021-11-13, 1.1 mi within this county, 100 yd wide, \$50,000 property; \$0 crops (2021 dollars)	Tornado, 2021-11-13, \$50,000 property; \$0 crops (2021 dollars)	Event records naming member places: North Kingstown town (1 record), Westerly town (1 record).	From 1996 on, tornado records are per-county segments and length is the path length within this county (NWS Instruction 10-1605); records before 1996 may give the whole path length, including the path outside this county, and before 1996 a tornado is listed once, under the county where it began, with the whole path's rating; counties farther along the path may not list it. Length is not used to rank tornadoes.
Tsunami	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					Physical measure: in event narratives only; local data required.
Wildfire	acres burned (local data)	0					Acres burned: in event narratives only; local data required.
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall local)	76, 1996 to 2026 (76 zone-level)		Heavy Snow, 1997-04-01, \$100,000 property; crops not reported, reported for the zone (1997 dollars); NWS zone RIZ006 (WASHINGTON), 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.

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

25

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
2024-03-20	2024-01-09	DR-4766-RI	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$811,089.82	within last 5 years	
2024-03-20	2023-12-17	DR-4765-RI	Major disaster	SEVERE STORM AND FLOODING	Inland Flooding	PA not declared for this county	within last 5 years	
2023-04-14	2023-04-14	FM-5464-RI	Fire management	QUEENS RIVER FIRE	Wildfire	none found	within last 5 years	
2022-05-12	2022-01-28	DR-4653-RI	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$597,908.12	within last 5 years	
2021-08-21	2021-08-20	EM-3563-RI	Emergency	HURRICANE HENRI	Hurricane	none found		
2020-03-30	2020-01-20	DR-4505-RI	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$13,978,852.06		
2020-03-13	2020-01-20	EM-3440-RI	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4505
2015-04-03	2015-01-26	DR-4212-RI	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$619,267.22		
2013-03-22	2013-02-08	DR-4107-RI	Major disaster	SEVERE WINTER STORM AND SNOWSTORM	Winter Weather	\$927,723.50		
2012-11-03	2012-10-26	DR-4089-RI	Major disaster	HURRICANE SANDY	Hurricane	\$4,168,911.90		
2012-10-29	2012-10-26	EM-3355-RI	Emergency	HURRICANE SANDY	Hurricane	none found		same incident as DR-4089
2011-09-03	2011-08-27	DR-4027-RI	Major disaster	TROPICAL STORM IRENE	Hurricane	\$704,515.10		
2011-08-27	2011-08-26	EM-3334-RI	Emergency	HURRICANE IRENE	Hurricane	none found		same incident as DR-4027
2010-03-30	2010-03-12	EM-3311-RI	Emergency	SEVERE STORMS AND FLOODING	Inland Flooding	none found		same incident as DR-1894
2010-03-29	2010-03-12	DR-1894-RI	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$2,712,200.55		
2005-09-19	2005-08-29	EM-3255-RI	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	none found		
2005-02-17	2005-01-22	EM-3203-RI	Emergency	RECORD SNOW	Winter Weather	\$484,557.71		
2003-03-27	2003-02-17	EM-3182-RI	Emergency	SNOW	Winter Weather	\$207,682.12		
1996-01-24	1996-01-07	DR-1091-RI	Major disaster	BLIZZARD OF 96 (SEVERE SNOW STORM)	Winter Weather	none found		
1993-03-16	1993-03-13	EM-3102-RI	Emergency	BLIZZARDS, HIGH WINDS & RECORD SNOWFALL	Winter Weather	none found		
1992-09-16	1992-08-03	EM-3094-RI	Emergency	WATER CONTAMINATION	Non-natural, not counted	none found		
1991-08-26	1991-08-19	DR-913-RI	Major disaster	HURRICANE BOB	Hurricane	none found		
1985-10-15	1985-09-27	DR-748-RI	Major disaster	HURRICANE GLORIA	Hurricane	none found		
1978-02-16	1978-02-16	DR-548-RI	Major disaster	SNOW & ICE	Winter Weather	PA not declared for this county		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
1978-02-07	1978-02-07	EM-3058-RI	Emergency	BLIZZARD & SNOWSTORMS	Winter Weather	none found		

School districts and special districts in this county: \$12,310,059.37 (included in the county total above). Public Assistance matched by applicant name to the school districts and special districts FEMA lists as plan members in this county. They are not shown as member blocks, so their total is listed here. These dollars are already included in the county PA column of the declarations table (the FEMA record places each applicant in this county); do not add this line to the county total.

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-39-RI	Major disaster	HURRICANE & FLOOD	Hurricane (primary); also designated: Inland Flooding		
1954-09-02	1954-09-02	DR-23-RI	Major disaster	HURRICANES	Hurricane (primary); also designated: Inland Flooding		

FEMA recorded these with designated area Statewide and no county. Listed on every county page in the state; not counted with county rows.

SOURCE

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

Previous occurrences by hazard, with explicit no-event rows

Hazard	Storm Events records <i>full period</i>	Since plan approval <i>records</i>	During plan review <i>records</i>	Last 5 years <i>records</i>	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Avalanche	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Coastal Flooding	11			3	0		1996 to 2026-06-30	
Cold Wave	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Drought	4			0	0		1996 to 2026-06-30	
Earthquake	0			0	0			No Storm Events record; local data required (e.g., USGS).
Hail	27			5	0		1955 to 2026-06-30	
Heat Wave	3			1	0		1996 to 2026-06-30	
Hurricane	5			0	5		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

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
Inland Flooding	29			6	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
Lightning	8			1	0		1996 to 2026-06-30	
Strong Wind	201			26	0		1955 to 2026-06-30	Includes 77 High Wind records and 73 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	3			2	0		1950 to 2026-06-30	
Tsunami	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Volcanic Activity	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	0			0	1		1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Winter Weather	76			7	9		1996 to 2026-06-30	

SOURCES

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

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

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

Notable Storm Events records

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2025-06-22	Excessive Heat		\$0 property; \$0 crops, reported for the zone (2025 dollars)	0, 3	NWS zone RIZ008 (BLOCK ISLAND), zone-level: may include parts of neighboring counties	within last 5 years	deaths or injuries recorded
2021-11-13	Tornado	EF1, 1.1 mi within this county, 100 yd wide	\$50,000 property; \$0 crops (2021 dollars)	0, 0	WHITE ROCK to WESTERLY	within last 5 years	B1-c worst recorded: Tornado
2021-11-13	Tornado	EF0, 1.5 mi within this county, 150 yd wide	\$50,000 property; \$0 crops (2021 dollars)	0, 0	LA FAYETTE to NORTH KINGSTOWN	within last 5 years	B1-c most damaging: Tornado
2021-08-22	Tropical Storm		\$1,000,000 property; \$0 crops, reported for the zone (2021 dollars)	0, 0	NWS zone RIZ006 (WASHINGTON), zone-level: may include parts of neighboring counties		B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2016-09-13	Drought		\$0 property; \$0 crops, reported for the zone (2016 dollars)	0, 0	NWS zone RIZ006 (WASHINGTON), zone-level: may include parts of neighboring counties		B1-c worst recorded: Drought

Date	Event type	Magnitude or extent	Damage	Direct deaths, injuries	Location	Flags	Why listed
			<i>nominal dollars</i>	<i>indirect not counted</i>			
2012-10-29	Coastal Flood		\$4,700,000 property; \$0 crops, reported for the zone (2012 dollars)	0, 0	NWS zone RIZ006 (WASHINGTON), zone-level: may include parts of neighboring counties		B1-c worst recorded: Coastal Flood, Storm Surge/Tide
2012-10-29	High Wind	75 kt (86 mph) estimated gust	\$75,000 property; \$0 crops, reported for the zone (2012 dollars)	0, 1	NWS zone RIZ006 (WASHINGTON), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2010-03-29	Flood		\$24,760,000 property; \$0 crops (2010 dollars)	0, 0	ESCOHEAG to WATCH HILL		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2004-08-11	Lightning		damage not reported	1, 1	NARRAGANSETT PIER		deaths or injuries recorded
1998-06-30	Hail	2.75 in	damage not reported	0, 0	RICHMOND		B1-c worst recorded: Hail
1997-04-01	Heavy Snow		\$100,000 property; crops not reported, reported for the zone (1997 dollars)	0, 0	NWS zone RIZ006 (WASHINGTON), zone-level: may include parts of neighboring counties		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
1990-10-18	Thunderstorm Wind	100 kt (115 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" (367 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)	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
	<i>unit per row</i>								
Avalanche		events per year					1994 to 2023 (30 years)	see B1-f	Not Applicable in NRI for this county; no descriptor.

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Coastal Flooding	3.69	events per year at a location (modeled)	about 3.7 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	0.723	event-days per year	about 0.723 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	8.6	2005-11-12 to 2024-11-12 (19 years)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned. Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	3.41	event-days per year	about 3.41 days per year	Possible	event-days in 2 of 30 years, 1996 to 2025 (6.67%)	91	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	NRI gives about 3.41 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	0.00111	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.111%			not shown	modeled	see B1-f	Descriptor not assigned: the NRI value is the chance at a location in the county, not how often the hazard affects the county, and Storm Events does not record earthquakes.
Hail	1.51	events per year	about 1.51 per year	Highly likely	FEMA annualized frequency (modeled)	57.9 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	3.38	event-days per year	about 3.38 days per year	Possible	event-days in 2 of 30 years, 1996 to 2025 (6.67%)	34.1	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 3.38 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	0.183	events per year	about 1 in 5 years	Likely	FEMA annualized frequency (modeled)	64	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	1.41	event-days per year	about 1.41 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	59	1946-12-31 to 2014-02-12 (67 years)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned
Inland Flooding	0.75	event-days per year	about 0.75 days per year	Likely	event-days in 16 of 30 years, 1996 to 2025 (53.3%)	21	1996 to 2023 (28 years)	see B1-f	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Landslide	0.105	events per year (modeled)	about 1 in 10 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	20.9	days per year with a strike	about 20.9 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	1.12	events per year	about 1.12 per year	Highly likely	FEMA annualized frequency (modeled)	27	1986 to 2023 (38 years)	countywide	
Tornado	0.101	events per year	about 1 in 10 years	Likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Tsunami		annual probability at the most exposed location (used in place of a county value)			Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No Storm Events record of this hazard, 1996 to 2025; descriptor not assigned (the NRI value is the chance at a location in the county, not how often the hazard affects the county)
Volcanic Activity		annual probability				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Wildfire	0.0000217	annual probability at a location	chance a given location in the county burns in a year: 0.00217%		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No Storm Events record of this hazard, 1996 to 2025; descriptor not assigned (the NRI value is the chance at a location in the county, not how often the hazard affects the county)
Winter Weather	10.3	event-days per year	about 10.3 days per year	Highly likely	event-days in 28 of 30 years, 1996 to 2025 (93.3%)	123	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)

Descriptor scale used in this packet (defined per unit)

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

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

Intensity bands: historical frequency (Storm Events)

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Hail	1.00-1.99 in	1996 to 2025	13	30	0.433
Hail	2.00 in+	1996 to 2025	1	30	0.0333
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	37	30	1.23
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	1	30	0.0333
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	3	30	0.1
Tornado	EF0-1	1996 to 2025	3	30	0.1
Tornado	EF2-3	1996 to 2025	0	30	0
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

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

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

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

Supports B1-f: variation across the planning area

Range of census tract risk within the county

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Avalanche	0 of 29				Not Applicable 29	
Coastal Flooding	23 of 29	69.6	91.9	99.2	Relatively High 6, Relatively Moderate 7, Relatively Low 5, Very Low 5, No Rating 6	
Cold Wave	29 of 29	17.2	25.4	35.6	Relatively Low 28, 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	17 of 29	68.8	81.0	91.5	Relatively Low 11, Very Low 6, No Rating 12	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	29 of 29	21.1	44.9	77.3	Relatively Low 16, Very Low 13	
Hail	29 of 29	1.4	3.4	15.0	Very Low 29	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	29 of 29	1.7	16.0	37.0	Relatively Low 11, Very Low 18	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	29 of 29	63.1	75.7	85.3	Relatively Moderate 10, Relatively Low 19	
Ice Storm	29 of 29	7.3	59.4	91.4	Relatively High 1, Relatively Moderate 9, Relatively Low 14, Very Low 5	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	29 of 29	7.8	45.5	90.2	Relatively High 5, Relatively Moderate 9, Relatively Low 13, Very Low 2	
Landslide	29 of 29	40.2	59.5	83.3	Relatively Low 1, Very Low 28	
Lightning	29 of 29	29.5	59.6	84.7	Relatively High 2, Relatively Moderate 20, Relatively Low 7	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	29 of 29	17.3	35.1	65.6	Relatively Moderate 2, Relatively Low 25, 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	29 of 29	10.6	28.5	49.7	Relatively Low 13, Very Low 16	
Tsunami	0 of 29				Insufficient Data 29	
Volcanic Activity	0 of 29				Not Applicable 29	
Wildfire	29 of 29	27.6	51.7	69.0	Relatively Low 1, Very Low 28	
Winter Weather	29 of 29	23.5	42.1	61.4	Relatively Moderate 9, Relatively Low 20	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
Charlestown town	Town	Approved, expires 2030-11-12	FMA RL 0, SRL 1; any 11	\$702,825.43	7; 0	Includes \$102,429.84 for declarations not counted as hazard incidents (DR-4505-RI).
Exeter town	Town	Approved, expires 2030-08-20	FMA RL 0, SRL 0; any 0	\$795,586.09	3; 0	Includes \$24,677.90 for declarations not counted as hazard incidents (DR-4505-RI).
Hopkinton town	Town	Approved, expires 2029-04-23	FMA RL 0, SRL 0; any 0	\$575,233.06	4; 0	
Narragansett town	Town	Approved, expires 2029-09-24	FMA RL 2, SRL 7; any 24	\$1,621,233.92	0; 0	Includes \$435,540.72 for declarations not counted as hazard incidents (DR-4505-RI).
New Shoreham town	Town	Approved, expires 2030-05-28	FMA RL 0, SRL 0; any 0	\$108,140.03	0; 0	
North Kingstown town	Town	Approved, expires 2030-08-19	FMA RL 0, SRL 3; any 14	\$1,096,753.99	12; 0	Includes \$364,940.63 for declarations not counted as hazard incidents (DR-4505-RI).
Richmond town	Town	Approved, expires 2027-09-13	FMA RL 0, SRL 0; any 1	\$751,346.83	5; 0	Includes \$4,852.72 for declarations not counted as hazard incidents (DR-4505-RI).
South Kingstown town	Town	Approved, expires 2031-07-06	FMA RL 7, SRL 11; any 28	\$1,257,966.14	1; not yet covered	Includes \$72,855.84 for declarations not counted as hazard incidents (DR-4505-RI).
Westerly town	Town	Approved, expires 2028-03-21	FMA RL 3, SRL 13; any 51	\$3,353,655.68	9; 2	Includes \$179,296.70 for declarations not counted as hazard incidents (DR-4505-RI).

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	\$5,182,758,519		13,366	\$2,339,196		\$5,833	0.0451%				
Cold Wave	\$33,580,964,074	\$28,571,687	129,802	\$260	\$1,720	\$423,204	under 0.0001%				
Drought		\$18,660,649			\$123,855		0.664% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$58,106,742,325		129,839	\$787,144		\$134,349	0.00135%				
Hail	\$33,580,965,561	\$28,571,687	129,802	\$4,764	\$28	\$1,567	under 0.0001%				
Heat Wave	\$33,580,964,074	\$28,571,687	129,802	\$1	\$2,255	\$416,282	under 0.0001%				
Hurricane	\$33,580,836,165	\$28,571,687	129,801	\$3,167,002	\$232,538	\$82,407	0.00943%				
Ice Storm	\$33,194,420,715		128,059	\$276,557		\$33,585	0.000833%				
Inland Flooding	\$33,474,343,640	\$705,053	7,066	\$21,962,421	\$2	\$25,612	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	\$587,881,261		2,241	\$542		\$204	under 0.0001%				
Lightning	\$33,580,965,561		129,802	\$22,672		\$538,214	under 0.0001%				
Strong Wind	\$33,580,965,561	\$28,571,687	129,802	\$157,120	\$1	\$235,407	0.000468%				
Tornado	\$33,580,965,561	\$28,571,687	129,802	\$546,574	\$370	\$117,201	0.00163%				
Tsunami											NRI publishes no building exposure for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$7,973,091,059	\$7,284,215	36,327	\$11,118	\$1	\$1,533	0.000139%				
Winter Weather	\$33,580,964,074	\$28,571,687	129,802	\$12,677	\$9	\$52,893	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	129,802
Building value (total, not at risk)	\$33,580,965,561
Agriculture value (total, not at risk)	\$28,571,687
NRI risk rating (all hazards)	Relatively Low
Expected annual loss, buildings and agriculture, all hazards	\$29,648,827
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)	\$2,068,292
Social vulnerability rating	Very Low
Community resilience rating	Very High
NRI version	December 2025

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

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

Supports B2-c: repetitive loss

Repetitive loss in this county, both definitions

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	12	Severe repetitive loss, FMA definition (44 CFR 77.2)	35
Repetitive loss, NFIP insurance definition	122	Severe repetitive loss, NFIP insurance definition	24

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)

Repeat-flood properties: county total and NFIP communities

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
County total	12	35	122	24	129	3	55
RICHMOND, TOWN OF	0	0	1	0	1	0	0
CHARLESTOWN, TOWN OF	0	1	11	1	11	0	6
NARRAGANSETT, TOWN OF	2	7	22	4	24	0	13
NORTH KINGSTOWN, TOWN OF	0	3	13	2	14	2	9
SOUTH KINGSTOWN, TOWN OF	7	11	25	7	28	0	7
WESTERLY, TOWN OF	3	13	50	10	51	1	20

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

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Charlestown town	445395	0	1	11	1	11	0	6	
Exeter town	440032	0	0	0	0	0	0	0	
Hopkinton town	440028	0	0	0	0	0	0	0	
Narragansett town	445402	2	7	22	4	24	0	13	
New Shoreham town	440036	0	0	0	0	0	0	0	
North Kingstown town	445404	0	3	13	2	14	2	9	
Richmond town	440031	0	0	1	0	1	0	0	
South Kingstown town	445407	7	11	25	7	28	0	7	
Westerly town	445410	3	13	50	10	51	1	20	

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.

SOURCESFEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)**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	6	14	83	9	87	0	39
2 to 4 unit residential	0	0	3	0	3	0	0

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>
other residential	0	0	1	0	1	0	1
non-residential	6	21	35	15	38	3	15
not reported	0	0	0	0	0	0	0

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

SOURCES

FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

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

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

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

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

In this county 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 110 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_Gaz_place_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_Gaz_elsd_national.zip, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scsd_national.zip, https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx

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Corrections: to report an error, name the packet, the table and what your records show. Contact: to be added

Hazard Plain release 2026-10. As of 2026-09-28; Storm Events data through 2026-06-30. File hazard-plain_2026-10_RI_44009. Preview: automated baseline.