

Suffolk County, NY

Risk-assessment baseline packet

County FIPS: 36103 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: Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible. Plan: Suffolk County 2026 (FEMA plan 110884), pending adoption here, approved 2026-09-04 by FEMA; not yet adopted here.

Update: FEMA tracker shows a plan approvable pending adoption.

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$193,341,419 a year), Hurricane (\$42,720,766) and Coastal Flooding (\$25,320,023).

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; 36103 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.

CONTENTS

- 1. Summary and terms used, page 1
- 2. Plan clock, page 2
- 3. What changed since your last plan, page 2
- 4. B1-a: hazard identification, page 7
- 5. B1-b: hazard location, page 8
- 6. B1-c: hazard extent, page 9
- 7. B1-d: previous occurrences, page 12
- 8. B1-e: probability of future events, page 17
- 9. B1-f: hazards that vary across jurisdictions, page 20
- 10. B2-a and B2-b: vulnerability and potential impacts, page 25
- 11. B2-a: vulnerability (county context), page 26
- 12. B2-c: repetitive loss properties, page 27
- 13. Sources, what the plan adds, disclaimer and citation, page 30

Plan clock

Status:	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Plan:	Suffolk County 2026 (FEMA plan 110884), pending adoption here
Approved:	2026-09-04 by FEMA; not yet adopted here	Expires:	2031-09-03 once adopted
Update underway:	FEMA tracker shows a plan approvable pending adoption		

Not yet eligible: adopt the approved plan.

What changed since your last plan

Not available. Plan 110884 was approved by FEMA on 2026-09-04 but is not yet adopted here, so no since-plan counts are given.

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

Plan status for every jurisdiction listed in this county: 37 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" on the following pages.

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

Plan clock

Plan status for every jurisdiction listed in this county

Source: 1

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Suffolk County	County	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Amityville village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Asharoken village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Belle Terre village	Village	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,799		this jurisdiction approved 2026-09-18
Bellport village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Dering Harbor village	Village	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,799		this jurisdiction approved 2026-09-23
East Hampton village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Head of the Harbor village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Huntington Bay village	Village	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,799		this jurisdiction approved 2026-09-23

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Lake Grove village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Lindenhurst village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Lloyd Harbor village	Village	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,799		this jurisdiction approved 2026-09-23
Nissequogue village	Village	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,799		this jurisdiction approved 2026-09-17
North Haven village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Northport village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Old Field village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Patchogue village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Poquott village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Port Jefferson village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Quogue village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Sag Harbor village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Saltaire village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Shoreham village	Village	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,799		this jurisdiction approved 2026-09-23
Village of the Branch village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
West Hampton Dunes village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Westhampton Beach village	Village	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,799		
Babylon town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Brookhaven town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
East Hampton town	Town	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,799		
Huntington town	Town	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,799		this jurisdiction approved 2026-09-23
Islip town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry	Update underway	Notes
						<i>negative = days since expiry</i>		
Riverhead town	Town	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,799		this jurisdiction approved 2026-09-23
Shelter Island town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Smithtown town	Town	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,799		this jurisdiction approved 2026-09-23
Southampton town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Southold town	Town	Approved, expires 2031-09-03	Suffolk County 2026 (FEMA plan 110884)	2026-09-04	2031-09-03	1,799		this jurisdiction approved 2026-09-10
Suffolk Co Water Authority	Water/Sewer Authority	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	Suffolk County 2026 (FEMA plan 110884), pending adoption here	2026-09-04 by FEMA; not yet adopted here	2031-09-03 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Supports FEMA checklist item B1-a: hazard identification

Hazards NRI does not cover (local data needed)

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

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

Sources: 5, 6

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records, 1996 to 2026-06-30 <i>count</i>	Storm Events coverage note
1	Inland Flooding	Relatively High	Relatively High	\$191,609,717	\$26,364	\$1,705,338	\$193,341,419	255	
2	Hurricane	Relatively High	Relatively High	\$39,071,325	\$2,623,670	\$1,025,770	\$42,720,766	5	
3	Coastal Flooding	Very High	Very High	\$24,737,192	n/a	\$582,831	\$25,320,023	59	
4	Earthquake	Relatively Moderate	Relatively Moderate	\$16,911,894	n/a	\$4,256,842	\$21,168,736		Storm Events does not record earthquakes.
5	Cold Wave	Relatively High	Relatively High	\$555	\$21,276	\$13,818,729	\$13,840,560	5	
6	Heat Wave	Relatively Moderate	Relatively Moderate	\$9	\$19,955	\$6,714,430	\$6,734,394	13	
7	Strong Wind	Relatively High	Relatively High	\$1,045,577	\$848	\$4,709,829	\$5,756,253	555	Includes 111 High Wind and 68 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
8	Tornado	Relatively Moderate	Relatively Moderate	\$2,638,030	\$2,540	\$953,033	\$3,593,603	22	
9	Lightning	Very High	Very High	\$204,836	n/a	\$2,929,471	\$3,134,307	37	
10	Ice Storm	Very High	Very High	\$729,741	n/a	\$1,663,571	\$2,393,312	2	
11	Winter Weather	Very High	Very High	\$179,388	\$90	\$1,841,172	\$2,020,650	124	
12	Wildfire	Relatively Low	Relatively Low	\$240,390	\$127	\$24,322	\$264,839	1	

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	Hail	Relatively Low	Relatively Low	\$69,234	\$43,132	\$73,582	\$185,948	94	
14	Landslide	Relatively Low	Relatively Low	\$33,144	n/a	\$39	\$33,182	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
15	Drought	Very Low	Very Low	n/a	\$686	n/a	\$686	8	
	Tsunami	Insufficient Data	Insufficient Data	n/a	n/a	n/a	n/a	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).

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

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

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

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

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

Supports FEMA checklist item B1-b: hazard location

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

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

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

Source: 5

Hazard	Highest-rated census tracts <i>NRI risk rating, score 0 to 100</i>
Earthquake	tract 1223 (Relatively Moderate, 88.3); tract 1580.15 (Relatively Moderate, 87.3); tract 1352.09 (Relatively Moderate, 83.4)
Hurricane	tract 1697.06 (Relatively High, 91.4); tract 1699.03 (Relatively High, 91.2); tract 1223 (Relatively High, 90.4)
Landslide	tract 1803 (Relatively Low, 93.5); tract 1702.06 (Relatively Low, 93.0); tract 1101.01 (Relatively Low, 92.9)
Tornado	tract 1580.15 (Relatively Low, 41.9); tract 1223 (Relatively Low, 36.3); tract 1122.15 (Relatively Low, 34.6)
Tsunami	no tract has a National Risk Index rating for this hazard
Wildfire	tract 1594.10 (Relatively Low, 86.2); tract 1904.02 (Relatively Low, 84.6); tract 1594.14 (Relatively Low, 82.7)

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 1223 is Census Tract 1223). FEMA's Resilience Analysis and Planning Tool maps the National Risk Index for every tract: <https://www.fema.gov/emergency-managers/practitioners/resilience-analysis-and-planning-tool>

Supports FEMA checklist item B1-c: hazard extent

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

Sources: 6, 7

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Coastal Flood, Storm Surge/Tide	none in data (flood depth: FIRM)	59 records, 1996 to 2024 (57 zone-level)		Coastal Flood, 2007-04-16, \$26,000,000 property; \$0 crops (2007 dollars); NWS zone NYZ080		Event records naming jurisdictions in the plan: Babylon town (1 record). Zone-level records (57) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	5 records, 2000 to 2005 (5 zone-level)	1 day to 2 days (median 2 days); 5 with a recorded value	2 consecutive days, 2004-01-15 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)	8 records, 2002 (8 zone-level)	31 days to 214 days (median 122.5 days); 2 with a recorded value	214 days (7 months), 2002-04-01 to 2002-10-31, a run of 7 consecutive Storm Events drought records, zone-level		Countywide (zone-level records).	Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	hail size (inches)	107 records, 1984 to 2024	0.75 in to 2.5 in (median 0.88 in); 107 with a recorded value	2.5 in hail, 1989-07-10	Hail, 2008-08-15, \$500 property; crops not reported (2008 dollars)	Event records naming jurisdictions in the plan: Shoreham village (4 records), Babylon town (3 records), Huntington town (3 records), Smithtown town (3 records), Northport village (2 records), Patchogue village (2 records), Belle Terre village (1 record), East Hampton town (1 record), East Hampton village (1 record), North Haven village (1 record); and 3 more jurisdictions (see the Excel file).	
Excessive Heat, Heat	heat index (in event narratives)	13 records, 1999 to 2019 (13 zone-level)	1 day to 3 days (median 2.5 days); 10 with a recorded value	3 consecutive days, 2006-08-01 to 2006-08-03, zone-level		Countywide (zone-level records).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	5 records, 2008 to 2021 (5 zone-level)		Strongest recorded: Tropical Storm record, 2008-09-06 to 2008-09-07, \$7,500 property; crops not reported (2008 dollars); NWS zone NYZ081		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.
Ice Storm	Sperry-Piltz ice scale (local data)	2 records, 2007 to 2011 (2 zone-level)		No damage reported in 2 records.		Countywide (zone-level records).	
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	255 records, 1996 to 2025 (4 zone-level)		Flash Flood, 2014-08-13, \$35,200,000 property; \$0 crops (2014 dollars)		Event records naming jurisdictions in the plan: Lake Grove village (9 records), Babylon town (8 records), Smithtown town (8 records), Belle Terre village (5 records), Northport village (5 records), Huntington town (4 records), Southampton town (4 records), East Hampton town (3 records), East Hampton village (3 records), Lindenhurst village (3 records); and 9 more jurisdictions (see the Excel file). Zone-level records (4) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage is often \$0 or blank for floods, major ones included; FEMA Public Assistance by declaration (B1-d) shows which floods cost the most.
Debris Flow	none (count and damage only)	0					
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	37 records, 1998 to 2026		Lightning, 2018-08-18, \$0 property; \$0 crops (2018 dollars), 1 direct death	Lightning, 2009-04-03, \$800,000 property; \$0 crops (2009 dollars)	Event records naming jurisdictions in the plan: East Hampton town (3 records), East Hampton village (3 records), Northport village (2 records), Amityville village (1 record), Babylon town (1 record), Bellport village (1 record), Port Jefferson village (1 record), Riverhead town (1 record), Sag Harbor village (1 record), Shoreham village (1 record); and 1 more jurisdiction (see the Excel file).	Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	179 records, 1996 to 2026 (179 zone- level)	29 kt (33 mph) to 83 kt (96 mph) (median 51 kt (59 mph)); 170 with a recorded value	83 kt (96 mph) measured gust, High Wind, 2012-10-29, 2 direct deaths (reported for the zone); NWS zone NYZ078		Countywide (zone-level records).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Thunderstorm Wind	wind speed (kt and mph)	410 records, 1974 to 2026	48 kt (55 mph) to 83 kt (96 mph) (median 52 kt (60 mph)); 382 with a recorded value	83 kt (96 mph) measured gust, Thunderstorm Wind, 2015-08-04	Thunderstorm Wind, 2008-06-16, \$50,000 property; \$0 crops (2008 dollars)	Event records naming jurisdictions in the plan: Babylon town (12 records), Huntington town (7 records), Old Field village (6 records), Patchogue village (6 records), Riverhead town (6 records), Southampton town (6 records), Amityville village (5 records), Brookhaven town (4 records), Islip town (4 records), Lindenhurst village (3 records); and 15 more jurisdictions (see the Excel file).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	32 records, 1958 to 2022	F/EF0 to F/EF2 (median F/EF0); 32 with a recorded value	F2 tornado, 1999-08-08, 4 mi within this county, 300 yd wide, \$1,000,000 property; crops not reported (1999 dollars), 1 direct injury		Event records naming jurisdictions in the plan: Amityville village (1 record), Babylon town (1 record), Southold town (1 record).	Before 1996 a tornado is listed once, under the county where it began, with its whole path's rating and length; from 1996 on, each county lists its own segment. Length is not used to rank tornadoes (see Methods).
Tsunami	none (count and damage only)	0					
Wildfire	acres burned (local data)	1 record, 2001 (1 zone-level)		No damage reported in 1 record.		Countywide (zone-level records).	
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	124 records, 1996 to 2026 (121 zone-level)		Blizzard, 2013-02-08, \$17,000,000 property; \$0 crops (2013 dollars), 3 direct deaths (reported for the zone); NWS zone NYZ078		No event record names a jurisdiction in the plan. Zone-level records (121) apply countywide.	

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

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

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

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

Supports FEMA checklist item B1-d: previous occurrences

Federal declarations for this county: 36 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).

Plan 110884 was approved by FEMA on 2026-09-04 but is not yet adopted here, so no since-plan counts are given.

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
2024-10-21	2024-08-18	DR-4839-NY	Major disaster	Severe Storm and Flooding	Hurricane; Inland Flooding; Strong Wind	\$8,768,382.78	within last 5 years	
2024-08-25	2024-08-18	EM-3613-NY	Emergency	Severe Storm and Flooding	Inland Flooding	no Public Assistance recorded	within last 5 years	same incident as DR-4839
2023-03-15	2022-12-23	DR-4694-NY	Major disaster	Severe Winter Storm and Snowstorm	Winter Weather	\$508,596.38	within last 5 years	
2021-09-05	2021-09-01	DR-4615-NY	Major disaster	Remnants of Hurricane Ida	Hurricane	\$4,369,069.96		
2021-09-02	2021-09-01	EM-3572-NY	Emergency	Remnants of Hurricane Ida	Hurricane	no Public Assistance recorded		same incident as DR-4615
2021-08-22	2021-08-21	EM-3565-NY	Emergency	Hurricane Henri	Hurricane	no Public Assistance recorded		
2020-10-02	2020-08-04	DR-4567-NY	Major disaster	Tropical Storm Isaias	Hurricane	\$30,705,152.50		
2020-03-20	2020-01-20	DR-4480-NY	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$86,855,918.19		
2020-03-13	2020-01-20	EM-3434-NY	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded		same incident as DR-4480
2017-07-12	2017-03-14	DR-4322-NY	Major disaster	Severe Winter Storm and Snowstorm	Winter Weather	\$315,430.90		
2013-04-23	2013-02-08	DR-4111-NY	Major disaster	Severe Winter Storm and Snowstorm	Winter Weather	\$9,711,155.99		
2012-10-30	2012-10-27	DR-4085-NY	Major disaster	Hurricane Sandy	Hurricane	\$197,913,600.27		
2012-10-28	2012-10-27	EM-3351-NY	Emergency	Hurricane Sandy	Hurricane	no Public Assistance recorded		same incident as DR-4085
2011-08-31	2011-08-26	DR-4020-NY	Major disaster	Hurricane Irene	Hurricane	\$21,575,171.90		
2011-08-26	2011-08-25	EM-3328-NY	Emergency	Hurricane Irene	Hurricane	\$7,285.51		same incident as DR-4020
2011-02-18	2010-12-26	DR-1957-NY	Major disaster	Severe Winter Storm and Snowstorm	Winter Weather	\$3,639,901.75		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
2010-04-16	2010-03-13	DR-1899-NY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$11,857,465.29		
2009-12-31	2009-11-12	DR-1869-NY	Major disaster	Severe Storms and Flooding Assoc W Td Ida & Nor'easter	Inland Flooding	\$11,098,986.02		
2007-04-24	2007-04-14	DR-1692-NY	Major disaster	Severe Storms and Inland and Coastal Flooding	Coastal Flooding	\$17,892,094.96		
2005-09-30	2005-08-29	EM-3262-NY	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	no Public Assistance recorded		
2004-08-03	2004-05-13	DR-1534-NY	Major disaster	Severe Storms and Flooding	Inland Flooding: designated for Hazard Mitigation only (no Public or Individual Assistance for this county); not counted	PA not declared for this county		
2003-08-23	2003-08-14	EM-3186-NY	Emergency	Power Outage	Non-natural, not counted	\$228,292.64		
2003-03-27	2003-02-17	EM-3184-NY	Emergency	Snow	Winter Weather	\$5,048,502.32		
2001-09-11	2001-09-11	DR-1391-NY	Major disaster	Fires and Explosions	Non-natural, not counted	\$3,247,390.44		
2000-10-11	2000-05-22	EM-3155-NY	Emergency	West Nile Virus	Non-natural, not counted	no Public Assistance recorded		
1999-09-19	1999-09-16	DR-1296-NY	Major disaster	Hurricane Floyd Major Disaster Declarations	Hurricane	\$781,801.50		
1996-11-19	1996-10-19	DR-1146-NY	Major disaster	Severe Storms, Flooding, Heavy Rains, High Winds	Inland Flooding; Strong Wind	no Public Assistance recorded		
1996-01-12	1996-01-06	DR-1083-NY	Major disaster	Blizzard of 96 (Severe Snow Storm)	Winter Weather	no Public Assistance recorded		
1993-03-17	1993-03-13	EM-3107-NY	Emergency	Severe Blizzard	Winter Weather	no Public Assistance recorded		
1992-12-21	1992-12-10	DR-974-NY	Major disaster	Coastal Storm, High Tides, Heavy Rain, & Flooding	Coastal Flooding	no Public Assistance recorded		
1991-09-16	1991-08-19	DR-918-NY	Major disaster	Hurricane Bob	Hurricane	no Public Assistance recorded		
1985-10-18	1985-09-27	DR-750-NY	Major disaster	Hurricane Gloria	Hurricane	no Public Assistance recorded		
1984-04-17	1984-03-28	DR-702-NY	Major disaster	Coastal Storms & Flooding	Coastal Flooding	no Public Assistance recorded		
1976-09-03	1976-09-03	DR-520-NY	Major disaster	Hurricane Belle	Hurricane	no Public Assistance recorded		
1971-09-13	1971-09-13	DR-311-NY	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1965-08-18	1965-08-18	DR-204-NY	Major disaster	Water Shortage	Drought	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
1963-08-23	1963-08-23	DR-158-NY	Major disaster	Heavy Rains & Flooding	Inland Flooding
1962-03-16	1962-03-16	DR-129-NY	Major disaster	Severe Storm, High Tides & Flooding	Inland Flooding (primary); also designated: Coastal Flooding
1956-03-29	1956-03-29	DR-52-NY	Major disaster	Flood	Inland Flooding
1955-08-22	1955-08-22	DR-45-NY	Major disaster	Hurricane & Floods	Hurricane (primary); also designated: Inland Flooding
1954-10-07	1954-10-07	DR-26-NY	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.

1 Fire Management declaration (1995-08-25 to 1995-08-25) FEMA filed as Statewide with no county; each names one local fire. Listed on the state page.

Public Assistance filed under this county for declarations that do not list it: 1 row, \$3,394.66

Sources: 2, 3

FEMA number	Declared	Title	Applicant	PA obligated <i>federal share obligated, nominal dollars</i>
DR-4031-NY	2011-09-13	Remnants of Tropical Storm Lee	GREATER AMSTERDAM VOLUNTEER	\$3,394.66

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

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 records	In the 12 months before plan approval records	Last 5 years records	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Coastal Flooding	59			3	3		1996 to 2026-06-30	
Cold Wave	5			0	0		1996 to 2026-06-30	
Drought	8			0	1		1996 to 2026-06-30	
Earthquake	0			0	0			Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	107			7	0		1955 to 2026-06-30	
Heat Wave	13			0	0		1996 to 2026-06-30	
Hurricane	5			0	10		1996 to 2026-06-30	
Ice Storm	2			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
Inland Flooding	255			63	5		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	37			1	0		1996 to 2026-06-30	
Strong Wind	589			108	2		1955 to 2026-06-30	Includes 111 High Wind and 68 Strong Wind records.
Tornado	32			6	0		1950 to 2026-06-30	
Tsunami	0			0	0		1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	1			0	0		1996 to 2026-06-30	
Winter Weather	124			19	7		1996 to 2026-06-30	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Why listed
2018-08-18	Lightning		\$0 property; \$0 crops (2018 dollars)	1, 0	SAN REMO	B1-c worst recorded: Lightning
2015-08-04	Thunderstorm Wind	83 kt (96 mph) measured gust	damage not reported	0, 0	STONY BROOK	B1-c worst recorded: Thunderstorm Wind
2014-08-13	Flash Flood		\$35,200,000 property; \$0 crops (2014 dollars)	0, 0	PINE AIRE	B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2013-02-08	Blizzard		\$17,000,000 property; \$0 crops (zone total, 2013 dollars)	3, 0	NWS zone NYZ078 (NORTHWEST SUFFOLK), zone-level	deaths or injuries recorded
2012-10-29	High Wind	83 kt (96 mph) measured gust	\$1,000,000 property; \$0 crops (zone total, 2012 dollars)	2, 0	NWS zone NYZ078 (NORTHWEST SUFFOLK), zone-level	deaths or injuries recorded
2008-09-06	Tropical Storm		\$7,500 property; crops not reported (zone total, 2008 dollars)	0, 0	NWS zone NYZ081 (SOUTHEAST SUFFOLK), zone-level	B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2007-04-16	Coastal Flood		\$26,000,000 property; \$0 crops (zone total, 2007 dollars)	0, 0	NWS zone NYZ080 (SOUTHWEST SUFFOLK), zone-level	B1-c worst recorded: Coastal Flood, Storm Surge/Tide
2006-08-01	Heat		damage not reported	0, 0	NWS zone NYZ078 (NORTHWEST SUFFOLK), zone-level	B1-c worst recorded: Excessive Heat, Heat
2005-01-27	Cold/Wind Chill		damage not reported	2, 0	NWS zone NYZ080 (SOUTHWEST SUFFOLK), zone-level	deaths or injuries recorded
2004-01-15	Cold/Wind Chill		damage not reported	0, 0	NWS zone NYZ078 (NORTHWEST SUFFOLK), zone-level	B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
1999-08-08	Tornado	F2, 4 mi within this county, 300 yd wide	\$1,000,000 property; crops not reported (1999 dollars)	0, 1	MATTITUCK to NEW SUFFOLK	B1-c worst recorded: Tornado
1989-07-10	Hail	2.5 in	damage not recorded (pre-1996 record)	0, 0	location not recorded	B1-c worst recorded: Hail

The full list is in the Excel file, sheet "B1-d Storm Events history" (1,237 rows).

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

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

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

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

Probability: FEMA annualized frequency and descriptor per hazard

Sources: 5, 6

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Coastal Flooding	3.79	events per year at a location (modeled)	about 3.8 per year at a given location in the county	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	Descriptor from NRI: the rate at a location is 1 or more a year, so the county rate is at least that.
Cold Wave	0.551	event-days per year	about 0.551 days per year	Likely	Storm Events event-days in 3 of 30 years, 1996 to 2025 (10%)	4.14	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	0.139	event-days per year	about 0.139 days per year	Possible	Storm Events event-days in 1 of 30 years, 1996 to 2025 (3.33%)	49	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.00165	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.165%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	1.29	events per year	about 1.29 per year	Highly likely	FEMA annualized frequency (modeled)	63.2 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	3.87	event-days per year	about 3.87 days per year	Likely	Storm Events event-days in 9 of 30 years, 1996 to 2025 (30%)	25.4	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.197	events per year	about 1 in 5 years	Likely	FEMA annualized frequency (modeled)	90	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	0.675	event-days per year	about 0.675 days per year	Possible	Storm Events event-days in 2 of 30 years, 1996 to 2025 (6.67%)	25	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	3.54	event-days per year	about 3.54 days per year	Highly likely	Storm Events event-days in 29 of 30 years, 1996 to 2025 (96.7%)	99	1996 to 2023 (28 years)	see B1-f	
Landslide	0.175	events per year (modeled)	about 1 in 6 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	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
Lightning	23.8	days per year with a strike	about 23.8 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	3.17	events per year	about 3.17 per year	Highly likely	FEMA annualized frequency (modeled)	65	1986 to 2023 (38 years)	countywide	
Tornado	0.474	events per year	about 1 in 2 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 descriptor: no Storm Events record 1996 to 2025
Wildfire	0.000171	annual probability at a location	chance a given location in the county burns in a year: 0.0171%	Possible	Storm Events records in 1 of 30 years, 1996 to 2025 (3.33%)	not shown	modeled	see B1-f	
Winter Weather	10.3	event-days per year	about 10.3 days per year	Highly likely	Storm Events event- days in 28 of 30 years, 1996 to 2025 (93.3%)	77.7	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	41	30	1.37
Hail	2.00 in+	1996 to 2025	1	30	0.0333
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	346	30	11.5
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	16	30	0.533
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	1	30	0.0333
Tornado	EF0-1	1996 to 2025	21	30	0.7
Tornado	EF2-3	1996 to 2025	1	30	0.0333
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

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

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

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

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

Range of census tract risk within the county

Source: 5

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Coastal Flooding	144 of 384	69.7	93.4	99.9	Very High 6, Relatively High 38, Relatively Moderate 49, Relatively Low 23, Very Low 28, No Rating 240
Cold Wave	384 of 384	18.9	37.5	69.2	Relatively Moderate 72, Relatively Low 311, Very Low 1
Drought	6 of 384	68.6	70.8	75.1	Very Low 6, No Rating 378
Earthquake	384 of 384	23.4	55.1	88.3	Relatively Moderate 9, Relatively Low 311, Very Low 64
Hail	384 of 384	1.6	8.9	50.4	Relatively Low 5, Very Low 379
Heat Wave	384 of 384	2.6	20.1	64.8	Relatively Moderate 1, Relatively Low 231, Very Low 152
Hurricane	384 of 384	55.0	74.7	91.4	Relatively High 3, Relatively Moderate 108, Relatively Low 273
Ice Storm	384 of 384	16.4	50.6	87.5	Relatively Moderate 29, Relatively Low 312, Very Low 43
Inland Flooding	384 of 384	1.2	28.7	94.7	Relatively High 13, Relatively Moderate 80, Relatively Low 201, Very Low 90
Landslide	384 of 384	13.4	53.6	93.5	Relatively Low 61, Very Low 323
Lightning	384 of 384	6.7	34.6	74.9	Relatively Moderate 50, Relatively Low 298, Very Low 36
Strong Wind	384 of 384	12.9	41.3	79.9	Relatively Moderate 64, Relatively Low 303, Very Low 17
Tornado	384 of 384	3.5	17.8	41.9	Relatively Low 19, Very Low 365
Tsunami	0 of 384				Insufficient Data 384
Wildfire	321 of 384	18.6	43.6	86.2	Relatively Low 51, Very Low 270, No Rating 63
Winter Weather	384 of 384	28.1	62.4	90.1	Relatively High 14, Relatively Moderate 322, Relatively Low 48

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
Suffolk County	County	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$66,801,166.23	0 total; no approved plan	Includes \$52,794,871.01 for declarations not counted as hazard incidents (DR-1391-NY, DR-4480-NY, EM-3186-NY).
Amityville village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 21, SRL 46; any 236	\$1,939,616.24	9 total; no approved plan	Includes \$92,928.84 for declarations not counted as hazard incidents (DR-4480-NY).
Asharoken village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 2; any 24	\$755,332.23	3 total; no approved plan	
Belle Terre village	Village	Approved, expires 2031-09-03	FMA RL 0, SRL 0; any 1	no Public Assistance recorded	7 total; Storm Events data end 2026-06-30, before this plan's approval	
Bellport village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 6	\$47,221.85	1 total; no approved plan	
Dering Harbor village	Village	Approved, expires 2031-09-03	FMA RL 0, SRL 0; any 0	\$199,380	0 total; Storm Events data end 2026-06-30, before this plan's approval	
East Hampton village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 6	no Public Assistance recorded	9 total; no approved plan	
Head of the Harbor village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$284,751.08	0 total; no approved plan	
Huntington Bay village	Village	Approved, expires 2031-09-03	FMA RL 0, SRL 1; any 12	\$433,118.99	0 total; Storm Events data end 2026-06-30, before this plan's approval	Includes \$46,804.03 for declarations not counted as hazard incidents (DR-4480-NY).

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
Lake Grove village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	10 total; no approved plan	
Lindenhurst village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 35, SRL 108; any 364	\$4,479,856.93	6 total; no approved plan	Includes \$85,496.45 for declarations not counted as hazard incidents (DR-4480-NY).
Lloyd Harbor village	Village	Approved, expires 2031-09-03	FMA RL 0, SRL 0; any 1	no Public Assistance recorded	3 total; Storm Events data end 2026-06-30, before this plan's approval	
Nissequogue village	Village	Approved, expires 2031-09-03	FMA RL 0, SRL 0; any 3	\$493,516.87	1 total; Storm Events data end 2026-06-30, before this plan's approval	Includes \$23,399.48 for declarations not counted as hazard incidents (DR-4480-NY).
North Haven village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 3	\$71,865.08	3 total; no approved plan	
Northport village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 5	no Public Assistance recorded	12 total; no approved plan	
Old Field village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 2	no Public Assistance recorded	6 total; no approved plan	
Patchogue village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 5, SRL 7; any 41	\$2,260,124.69	10 total; no approved plan	Includes \$95,330.67 for declarations not counted as hazard incidents (DR-4480-NY).
Poquott village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 1	no Public Assistance recorded	2 total; no approved plan	
Port Jefferson village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 2; any 12	\$0	5 total; no approved 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
Quogue village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 2, SRL 8; any 48	\$599,743.96	1 total; no approved plan	Includes \$11,793.52 for declarations not counted as hazard incidents (DR-4480-NY).
Sag Harbor village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 1, SRL 1; any 11	\$300,815.01	1 total; no approved plan	Includes \$43,765.30 for declarations not counted as hazard incidents (DR-4480-NY).
Saltaire village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 1; any 14	\$21,222,741.53	0 total; no approved plan	Includes \$57,565.20 for declarations not counted as hazard incidents (DR-4480-NY).
Shoreham village	Village	Approved, expires 2031-09-03	FMA RL 0, SRL 0; any 0	\$154,243.72	7 total; Storm Events data end 2026-06-30, before this plan's approval	Includes \$5,290.85 for declarations not counted as hazard incidents (DR-4480-NY).
Village of the Branch village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	0 total; no approved plan	
West Hampton Dunes village	Village	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 6; any 55	\$42,926.94	0 total; no approved plan	
Westhampton Beach village	Village	Approved, expires 2031-09-03	FMA RL 5, SRL 22; any 107	\$403,281.91	2 total; Storm Events data end 2026-06-30, before this plan's approval	
Babylon town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 41, SRL 95; any 581	\$15,608,126.78	26 total; no approved plan	Includes \$180,555.27 for declarations not counted as hazard incidents (DR-4480-NY).
Brookhaven town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 25, SRL 75; any 432	\$60,242,922.42	4 total; no approved plan	Includes \$438,228.19 for declarations not counted as hazard incidents (DR-4480-NY).
East Hampton town	Town	Approved, expires 2031-09-03	FMA RL 1, SRL 6; any 64	\$3,519,598.14	9 total; Storm Events data end 2026-06-30, before this plan's approval	Includes \$683,011.62 for declarations not counted as hazard incidents (DR-4480-NY).

Jurisdiction	Type	Plan status	Repetitive loss	Public Assistance to this jurisdiction	Event records naming this place	Notes
			<i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	<i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	<i>all years; since its plan</i>	
Huntington town	Town	Approved, expires 2031-09-03	FMA RL 1, SRL 7; any 45	\$41,844,662.15	14 total; Storm Events data end 2026-06-30, before this plan's approval	Includes \$216,682.12 for declarations not counted as hazard incidents (DR-4480-NY).
Islip town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 27, SRL 90; any 547	\$32,227,461.33	6 total; no approved plan	Includes \$222,386.49 for declarations not counted as hazard incidents (DR-4480-NY).
Riverhead town	Town	Approved, expires 2031-09-03	FMA RL 5, SRL 9; any 63	\$2,397,743.57	8 total; Storm Events data end 2026-06-30, before this plan's approval	Includes \$188,448.25 for declarations not counted as hazard incidents (DR-4480-NY).
Shelter Island town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 10	\$1,048,569.38	0 total; no approved plan	Includes \$60,749.91 for declarations not counted as hazard incidents (DR-4480-NY).
Smithtown town	Town	Approved, expires 2031-09-03	FMA RL 0, SRL 0; any 21	\$13,258,189.04	13 total; Storm Events data end 2026-06-30, before this plan's approval	Includes \$188,474.30 for declarations not counted as hazard incidents (DR-4480-NY).
Southampton town	Town	Plan 110884 approved 2026-09-04, pending adoption here; not yet eligible	FMA RL 31, SRL 39; any 361	\$8,440,074.86	10 total; no approved plan	Includes \$654,239.49 for declarations not counted as hazard incidents (DR-4480-NY).
Southold town	Town	Approved, expires 2031-09-03	FMA RL 1, SRL 12; any 82	\$3,294,785.75	6 total; Storm Events data end 2026-06-30, before this plan's approval	Includes \$51,517.65 for declarations not counted as hazard incidents (DR-4480-NY).

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

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

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

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

Local data needed

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

Plan 110884 was approved by FEMA on 2026-09-04 but is not yet adopted here, so no since-plan counts are given.

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

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

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

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since plan <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Coastal Flooding	\$19,767,118,066	n/a	49,907	\$24,737,192	n/a	\$582,831	0.125%				
Cold Wave	\$391,888,251,724	\$290,439,444	1,524,969	\$555	\$21,276	\$13,818,729	under 0.0001%				
Drought	n/a	\$462,300	n/a	n/a	\$686	n/a	0.148% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$656,213,410,648	n/a	1,525,920	\$16,911,894	n/a	\$4,256,842	0.00258%				
Hail	\$391,888,251,724	\$290,439,444	1,524,969	\$69,234	\$43,132	\$73,582	under 0.0001%				
Heat Wave	\$391,888,251,724	\$290,439,444	1,524,969	\$9	\$19,955	\$6,714,430	under 0.0001%				
Hurricane	\$391,882,820,923	\$290,389,537	1,524,943	\$39,071,325	\$2,623,670	\$1,025,770	0.00997%				
Ice Storm	\$390,023,035,911	n/a	1,519,834	\$729,741	n/a	\$1,663,571	0.000187%				
Inland Flooding	\$390,740,486,057	\$1,232,656	39,805	\$191,609,717	\$26,364	\$1,705,338	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	\$5,015,175,553	n/a	16,274	\$33,144	n/a	\$39	0.000661%				
Lightning	\$391,888,251,724	n/a	1,524,969	\$204,836	n/a	\$2,929,471	under 0.0001%				
Strong Wind	\$391,888,251,724	\$290,439,444	1,524,969	\$1,045,577	\$848	\$4,709,829	0.000267%				

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since plan <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Tornado	\$391,888,251,724	\$290,439,444	1,524,969	\$2,638,030	\$2,540	\$953,033	0.000673%				
Tsunami	n/a	n/a	n/a	n/a	n/a	n/a					NRI publishes no building exposure for this county
Wildfire	\$19,041,831,473	\$77,956,946	89,929	\$240,390	\$127	\$24,322	0.00126%				
Winter Weather	\$391,888,251,724	\$290,439,444	1,524,969	\$179,388	\$90	\$1,841,172	under 0.0001%				

Totals since the plan: not available. Plan 110884 was approved by FEMA on 2026-09-04 but is not yet adopted here, so no since-plan counts are given.

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	1,524,969
Building value (total, not at risk)	\$391,888,251,724
Agriculture value (total, not at risk)	\$290,439,444
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$280,209,720
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)	\$40,298,959
Social vulnerability rating	Relatively 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)	258	Severe repetitive loss, FMA definition (44 CFR 77.2)	646
Repetitive loss, NFIP insurance definition	3,461	Severe repetitive loss, NFIP insurance definition	500

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	258	646	3,461	500	3,600	108	1,851
of which: New York city (plan jurisdiction listed on the Bronx County and Kings County and New York County and Queens County and Richmond County page)	0	1	6	1	6	0	0
of which: Mastic Beach village (community ID not in plan data)	4	1	17	1	20	0	17
of which: Amityville village	21	46	229	39	236	6	160
of which: Babylon town	41	95	556	73	581	21	340
of which: Babylon village (community ID not in plan data)	20	56	214	39	231	16	161
of which: East Hampton town	1	6	63	3	64	1	28
of which: East Hampton village	0	0	6	0	6	0	2
of which: Huntington town	1	7	44	5	45	1	23
of which: Lindenhurst village	35	108	341	86	364	22	217
of which: Lloyd Harbor village	0	0	1	0	1	0	1
of which: North Haven village	0	0	3	0	3	0	0
of which: Northport village	0	1	5	1	5	0	0
of which: Patchogue village	5	7	41	7	41	0	29
of which: Port Jefferson village	0	2	12	2	12	0	6
of which: Riverhead town	5	9	62	8	63	1	22
of which: Quogue village	2	8	47	5	48	1	22
of which: Sag Harbor village	1	1	11	1	11	0	7
of which: Shelter Island town	0	0	10	0	10	0	2
of which: Smithtown town	0	0	21	0	21	0	2
of which: Southold town	1	12	80	10	82	1	28
of which: Greenport village (community ID not in plan data)	0	2	6	2	6	0	3

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>
of which: Bellport village	0	0	6	0	6	0	5
of which: Brightwaters village (community ID not in plan data)	0	0	11	0	11	0	6
of which: Sagaponack village (community ID not in plan data)	0	0	4	0	4	0	2
of which: Nissequogue village	0	0	3	0	3	0	1
of which: Poquott village	0	1	1	1	1	0	0
of which: Belle Terre village	0	0	1	0	1	0	0
of which: Huntington Bay village	0	1	12	1	12	0	8
of which: Old Field village	0	0	2	0	2	0	2
of which: West Hampton Dunes village	0	6	54	5	55	1	49
of which: Asharoken village	0	2	24	2	24	0	18
of which: Brookhaven town	25	75	423	61	432	8	165
of which: Islip town	27	90	528	63	547	14	252
of which: Ocean Beach village (community ID not in plan data)	30	44	141	36	150	1	78
of which: Saltaire village	0	1	13	0	14	0	6
of which: Southampton town	31	39	349	32	361	9	139
of which: Southampton village (community ID not in plan data)	3	3	14	1	14	0	4
of which: Westhampton Beach village	5	22	100	15	107	5	46
Statewide, no county in FEMA's file	0	0	19	0	19	0	3

6 of the county's repeat-flood properties belong to NFIP communities whose plan jurisdiction is not listed on this page (the community rows above name the page that lists it).

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>
Suffolk County	361622	0	0	0	0	0	0	0
Amityville village	360788	21	46	229	39	236	6	160
Asharoken village	365333	0	2	24	2	24	0	18
Belle Terre village	361532	0	0	1	0	1	0	0
Bellport village	361069	0	0	6	0	6	0	5
Dering Harbor village	361524	0	0	0	0	0	0	0
East Hampton village	360795	0	0	6	0	6	0	2
Head of the Harbor village	361513	0	0	0	0	0	0	0
Huntington Bay village	361543	0	1	12	1	12	0	8
Lake Grove village	361624	0	0	0	0	0	0	0

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>
Lindenhurst village	360798	35	108	341	86	364	22	217
Lloyd Harbor village	360799	0	0	1	0	1	0	1
Nissequogue village	361510	0	0	3	0	3	0	1
North Haven village	360800	0	0	3	0	3	0	0
Northport village	360801	0	1	5	1	5	0	0
Old Field village	361545	0	0	2	0	2	0	2
Patchogue village	360803	5	7	41	7	41	0	29
Poquott village	361518	0	1	1	1	1	0	0
Port Jefferson village	360804	0	2	12	2	12	0	6
Quogue village	360806	2	8	47	5	48	1	22
Sag Harbor village	360807	1	1	11	1	11	0	7
Saltaire village	365341	0	1	13	0	14	0	6
Shoreham village	361506	0	0	0	0	0	0	0
Village of the Branch village	361551	0	0	0	0	0	0	0
West Hampton Dunes village	361649	0	6	54	5	55	1	49
Westhampton Beach village	365345	5	22	100	15	107	5	46
Babylon town	360790	41	95	556	73	581	21	340
Brookhaven town	365334	25	75	423	61	432	8	165
East Hampton town	360794	1	6	63	3	64	1	28
Huntington town	360796	1	7	44	5	45	1	23
Islip town	365337	27	90	528	63	547	14	252
Riverhead town	360805	5	9	62	8	63	1	22
Shelter Island town	360809	0	0	10	0	10	0	2
Smithtown town	360810	0	0	21	0	21	0	2
Southampton town	365342	31	39	349	32	361	9	139
Southold town	360813	1	12	80	10	82	1	28

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	241	588	3,220	446	3,355	106	1,747
2 to 4 unit residential	6	23	92	22	93	1	35
other residential	1	3	39	3	39	0	30
non-residential	10	32	110	29	113	1	39
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 61 properties are FMA repetitive loss but not NFIP repetitive loss, and 3,264 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-29T134039Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-29T162832Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-30, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-30, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-30, <https://www.weather.gov/gis/ZoneCounty>
8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-30, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_cousubs_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_cousubs_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_place_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_place_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_unsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_unsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_elsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_elsd_national.zip), [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_scsd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scsd_national.zip), https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx (used to match place names and codes; no table prints its values)

What this packet is and what the plan adds

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

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

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

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

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

Cite this: Hazard Plain (2026). Suffolk County, NY: risk-assessment baseline packet, release 2026-10 (data as of 2026-09-30; County FIPS 36103). Automated baseline. <https://hazardplain.org/ny/36103/> 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