

New York County, NY

Risk-assessment baseline packet

County FIPS: 36061 Release: 2026-10 Data as of: 2026-09-30 Storm Events data through: 2026-06-30

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Summary

Plan status as of 2026-09-30: Approved, expires 2029-05-27. Plan: New York City 2024 (FEMA plan 109731), approved 2024-05-28.

Since the plan was approved on 2024-05-28: no new hazard declaration and 10 NOAA Storm Events records; details under "What changed since your last plan".

Highest expected annual loss (FEMA National Risk Index, modeled total; see B1-a): Inland Flooding (\$187,042,303 a year), Heat Wave (\$40,526,345) and Hurricane (\$23,166,979).

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; 36061 is this area.

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

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

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

CFR: Code of Federal Regulations.

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

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

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Plan clock

Status:	Approved, expires 2029-05-27	Plan:	New York City 2024 (FEMA plan 109731)
Approved:	2024-05-28	Days to expiry:	970

Plan clock from the New York City government plan (New York city); the five boroughs share it. FEMA plan data has no county-level row for this borough.

What changed since your last plan (approved 2024-05-28)

New federal declarations: none

Repetitive loss now: FMA RL 0, SRL 4 (44 CFR 77.2); any definition: 61

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

Storm Events records since approval: 10 records (data through 2026-06-30)

Repeat-flood change: this release sets the baseline count.

Plan status for every jurisdiction listed in this county

Source: 1

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry negative = days since expiry
New York city	City	Approved, expires 2029-05-27	New York City 2024 (FEMA plan 109731)	2024-05-28	2029-05-27	970

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

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	Very High	Relatively High	\$185,506,308	\$250	\$1,535,745	\$187,042,303	74	
2	Heat Wave	Relatively High	Relatively High	\$139	\$11	\$40,526,195	\$40,526,345	14	
3	Hurricane	Relatively High	Relatively High	\$22,266,502	\$418	\$900,058	\$23,166,979	3	
4	Earthquake	Relatively Moderate	Relatively Moderate	\$13,597,989	n/a	\$6,150,055	\$19,748,043		Storm Events does not record earthquakes.
5	Cold Wave	Relatively High	Very High	\$1,136	\$1	\$18,485,882	\$18,487,019	5	
6	Strong Wind	Very High	Very High	\$384,652	\$1	\$7,359,757	\$7,744,410	82	Includes 25 High Wind and 18 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
7	Tornado	Relatively Moderate	Relatively Moderate	\$2,648,405	under \$1	\$1,751,891	\$4,400,297	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
8	Hail	Relatively Moderate	Relatively Moderate	\$1,511,162	\$13	\$40,751	\$1,551,926	10	
9	Coastal Flooding	Relatively Moderate	Relatively Moderate	\$984,345	n/a	\$231,737	\$1,216,082	10	
10	Winter Weather	Very High	Very High	\$151,555	under \$1	\$1,051,227	\$1,202,782	74	
11	Lightning	Relatively High	Relatively High	\$13,741	n/a	\$1,038,284	\$1,052,025	6	
12	Ice Storm	Relatively High	Relatively High	\$212,522	n/a	\$315,232	\$527,754	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	Wildfire	Very Low	Very Low	\$1,423	under \$1	\$585	\$2,007	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Landslide	Very Low	Very Low	\$129	n/a	\$19	\$148	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
15	Drought	No Rating	No Expected Annual Losses	n/a	\$0	n/a	\$0	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 wildfire, 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 37 (Relatively Moderate, 87.7); tract 120 (Relatively Moderate, 86.1); tract 64 (Relatively Moderate, 85.6)
Hurricane	tract 37 (Relatively High, 92.9); tract 203 (Relatively High, 90.3); tract 55.01 (Relatively Moderate, 89.2)
Landslide	tract 275 (Very Low, 78.0); tract 283 (Very Low, 69.7); tract 281 (Very Low, 62.6)
Tornado	tract 37 (Relatively Moderate, 56.7); tract 203 (Relatively Low, 50.9); tract 64 (Relatively Low, 49.2)
Tsunami	no tract has a National Risk Index rating for this hazard
Wildfire	tract 243.02 (Relatively Low, 70.9); tract 287 (Very Low, 64.1); tract 159 (Very Low, 56.0)

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 37 is Census Tract 37). 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)	10 records, 1996 to 2012 (10 zone-level)		Coastal Flood, 1996-10-19, \$2,500,000 property; crops not reported (1996 dollars); NWS zone NYZ072 (NEW YORK (MANHATTAN))		Countywide (zone-level records).	Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	5 records, 2000 to 2007 (5 zone-level)	1 day to 5 days (median 2 days); 5 with a recorded value	5 consecutive days, 2007-02-04 to 2007-02-08, 1 direct death, 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)	12 records, 1985 to 2021	0.75 in to 1.5 in (median 0.88 in); 12 with a recorded value	1.5 in hail, 1998-05-20		Event records naming jurisdictions in the plan: New York city (6 records).	
Excessive Heat, Heat	heat index (in event narratives)	14 records, 1999 to 2019 (14 zone-level)	1 day to 4 days (median 3 days); 11 with a recorded value	4 consecutive days, 2010-07-04 to 2010-07-07, 2 direct deaths, zone-level		Countywide (zone-level records).	
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	3 records, 2008 to 2020 (3 zone-level)		Strongest recorded: Tropical Storm record, 2020-08-04, \$4,500,000 property; \$0 crops (2020 dollars); NWS zone NYZ072 (NEW YORK (MANHATTAN))		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)	1 record, 2011 (1 zone-level)		No damage reported in 1 record.		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
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	74 records, 1996 to 2025 (3 zone-level)		Flash Flood, 2021-09-01, \$60,000,000 property; \$0 crops (2021 dollars)		Event records naming jurisdictions in the plan: New York city (23 records). Zone-level records (3) 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)	6 records, 2002 to 2025		Lightning, 2002-08-02, damage not reported, 1 direct death, 1 direct injury	Lightning, 2011-04-17, \$10,000 property; crops not reported (2011 dollars)	Event records naming jurisdictions in the plan: New York city (2 records).	Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	43 records, 1996 to 2024 (42 zone-level)	30 kt (35 mph) to 54 kt (62 mph) (median 50 kt (58 mph)); 33 with a recorded value	54 kt (62 mph) measured gust, High Wind, 2012-10-29, 1 direct death (reported for the zone); NWS zone NYZ072 (NEW YORK (MANHATTAN))		No event record names a jurisdiction in the plan. Zone-level records (42) apply countywide.	
Thunderstorm Wind	wind speed (kt and mph)	46 records, 1979 to 2026	50 kt (58 mph) to 70 kt (81 mph) (median 52 kt (60 mph)); 42 with a recorded value	70 kt (81 mph) estimated gust, Thunderstorm Wind, 2018-05-15; same speed and measurement basis also recorded on 2008-06-10, 2009-08-18	Thunderstorm Wind, 2009-08-18, \$300,000 property; crops not reported (2009 dollars)	Event records naming jurisdictions in the plan: New York city (17 records).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	1 record, 1995	F/EF0; 1 with a recorded value	F0 tornado, 1995-08-31, 0.1 mi path length (whole path, pre-1996), 10 yd wide, \$30,000 property; crops not recorded (1995 dollars), 1 direct injury		No event record names a jurisdiction in the plan.	Before 1996 a tornado is listed once, under the county where it began, with its whole path's rating and length; from 1996 on, each county lists its own segment. Length is not used to rank tornadoes (see Methods).
Tsunami	none (count and damage only)	0					
Wildfire	acres burned (local data)	0					
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	74 records, 1996 to 2026 (74 zone-level)		Heavy Snow, 2003-02-17, \$20,000,000 property; crops not reported (2003 dollars); NWS zone NYZ072 (NEW YORK (MANHATTAN))		Countywide (zone-level records).	

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: 23 declarations covering 12 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

Federal disaster declarations for this county

Sources: 1, 2, 3

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Notes
2021-09-05	2021-09-01	DR-4615-NY	Major disaster	Remnants of Hurricane Ida	Hurricane	\$521,260,431.97	
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	
2020-03-20	2020-01-20	DR-4480-NY	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$9,635,949,286.34	
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
2012-10-30	2012-10-27	DR-4085-NY	Major disaster	Hurricane Sandy	Hurricane	\$4,557,461,948.45	
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	\$6,085,117.09	
2011-08-26	2011-08-25	EM-3328-NY	Emergency	Hurricane Irene	Hurricane	\$1,552.40	same incident as DR-4020
2005-09-30	2005-08-29	EM-3262-NY	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	\$2,244,668.36	
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	\$597,392.60	
2003-03-27	2003-02-17	EM-3184-NY	Emergency	Snow	Winter Weather	\$65,210.32	
2001-09-11	2001-09-11	DR-1391-NY	Major disaster	Fires and Explosions	Non-natural, not counted	\$1,111,433,157	
2000-10-11	2000-05-22	EM-3155-NY	Emergency	West Nile Virus	Non-natural, not counted	no Public Assistance recorded	
1996-11-19	1996-10-19	DR-1146-NY	Major disaster	Severe Storms, Flooding, Heavy Rains, High Winds	Inland Flooding; Strong Wind	PA not declared for this county	
1996-01-12	1996-01-06	DR-1083-NY	Major disaster	Blizzard of 96 (Severe Snow Storm)	Winter Weather	no Public Assistance recorded	
1993-04-02	1993-02-26	DR-984-NY	Major disaster	Explosion at World Trade Center	Non-natural, not counted	no Public Assistance recorded	

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Notes
						<i>federal share obligated, nominal dollars</i>	
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	
1984-04-17	1984-03-28	DR-702-NY	Major disaster	Coastal Storms & Flooding	Coastal Flooding	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: 22 rows, \$25,741,124.39

Sources: 2, 3

FEMA number	Declared	Title	Applicant	PA obligated
				<i>federal share obligated, nominal dollars</i>
DR-4755-NY	2024-01-30	Severe Storm and Flooding	New York and Presbyterian Hospital	\$429,932.72
DR-4755-NY	2024-01-30	Severe Storm and Flooding	City of New York - Management and Budget	\$1,412,624.38
DR-4567-NY	2020-10-02	Tropical Storm Isaias	City of New York - Management and Budget	\$21,537,525.60
DR-4472-NY	2019-12-19	Severe Storms, Straight-Line Winds, and Flooding	Turin, Town of	\$32,325.41
DR-4322-NY	2017-07-12	Severe Winter Storm and Snowstorm	Chateaugay, Town of	\$14,192.51
DR-4204-NY	2014-12-22	Severe Winter Storm, Snowstorm, and Flooding	Turin, Town of	\$4,429.63
DR-4129-NY	2013-07-12	Severe Storms and Flooding	Chateaugay, Town of	\$12,816.23
DR-1993-NY	2011-06-10	Severe Storms, Flooding, Tornadoes, and Straight-Line Winds	Turin, Town of	\$14,090.70
DR-1993-NY	2011-06-10	Severe Storms, Flooding, Tornadoes, and Straight-Line Winds	Chateaugay, Town of	\$36,654.38
DR-1957-NY	2011-02-18	Severe Winter Storm and Snowstorm	United Cerebral Palsy of NYS, Inc. DBA /Constructive Partnerships Unlimited	\$14,613.87

FEMA number	Declared	Title	Applicant	PA obligated <i>federal share obligated, nominal dollars</i>
DR-1957-NY	2011-02-18	Severe Winter Storm and Snowstorm	New York City Housing Authority	\$622,685.34
DR-1957-NY	2011-02-18	Severe Winter Storm and Snowstorm	New York City Health and Hospitals Corporation	\$141,697.32
DR-1957-NY	2011-02-18	Severe Winter Storm and Snowstorm	New York / City University of New York (CUNY)	\$31,662.28
DR-1957-NY	2011-02-18	Severe Winter Storm and Snowstorm	City of New York - Office of Emergency Management	\$9,373.07
DR-1943-NY	2010-10-14	Severe Storms, Tornadoes, and Straight-Line Winds	New York City Housing Authority	\$821,960.15
DR-1943-NY	2010-10-14	Severe Storms, Tornadoes, and Straight-Line Winds	New York City Health and Hospitals Corporation	\$8,725.37
DR-1943-NY	2010-10-14	Severe Storms, Tornadoes, and Straight-Line Winds	New York / City University of New York (CUNY)	\$439,333.52
DR-1943-NY	2010-10-14	Severe Storms, Tornadoes, and Straight-Line Winds	City of New York - Office of Emergency Management	\$144,624.47
EM-3273-NY	2007-02-23	Record Snow and Near Record Snow	Turin, Town of	\$3,708.02
EM-3195-NY	2004-03-03	Snow	Turin, Town of	\$3,139.37
DR-1335-NY	2000-07-21	Severe Storms and Flooding	Turin, Town of	\$2,008.89
EM-3136-NY	1999-01-15	Snow	Turin, Town of	\$3,001.16

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 <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Coastal Flooding	10	0	0	0	2	0	1996 to 2026-06-30	
Cold Wave	5	0	0	0	0	0	1996 to 2026-06-30	
Drought	8	0	0	0	1	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	12	0	0	2	0	0	1955 to 2026-06-30	
Heat Wave	14	0	0	0	0	0	1996 to 2026-06-30	
Hurricane	3	0	0	0	4	0	1996 to 2026-06-30	
Ice Storm	1	0	0	0	0	0	1996 to 2026-06-30	
Inland Flooding	74	1	0	2	2	0	1996 to 2026-06-30	
Landslide	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events

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
Lightning	6	1	1	2	0	0	1996 to 2026-06-30	
Strong Wind	89	3	5	9	1	0	1955 to 2026-06-30	Includes 25 High Wind and 18 Strong Wind records.
Tornado	1	0	0	0	0	0	1950 to 2026-06-30	
Tsunami	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	74	5	2	11	3	0	1996 to 2026-06-30	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Why listed
2021-09-01	Flash Flood		\$60,000,000 property; \$0 crops (2021 dollars)	0, 0	CENTRAL PARK to NEW YORK	B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2020-08-04	Tropical Storm		\$4,500,000 property; \$0 crops (zone total, 2020 dollars)	0, 0	NWS zone NYZ072 (NEW YORK (MANHATTAN)), zone-level	B1-c worst recorded: Hurricane, Tropical Storm, Tropical Depression
2018-05-15	Thunderstorm Wind	70 kt (81 mph) estimated gust	property not reported; \$0 crops (2018 dollars)	0, 0	CENTRAL PARK	B1-c worst recorded: Thunderstorm Wind
2012-10-29	High Wind	54 kt (62 mph) measured gust	\$1,000,000 property; \$0 crops (zone total, 2012 dollars)	1, 0	NWS zone NYZ072 (NEW YORK (MANHATTAN)), zone-level	B1-c worst recorded: High Wind and Strong Wind
2011-07-21	Excessive Heat		\$0 property; \$0 crops (zone total, 2011 dollars)	4, 0	NWS zone NYZ072 (NEW YORK (MANHATTAN)), zone-level	deaths or injuries recorded
2010-07-04	Excessive Heat		\$0 property; \$0 crops (zone total, 2010 dollars)	2, 0	NWS zone NYZ072 (NEW YORK (MANHATTAN)), zone-level	B1-c worst recorded: Excessive Heat, Heat
2007-02-04	Extreme Cold/Wind Chill		\$0 property; \$0 crops (zone total, 2007 dollars)	1, 0	NWS zone NYZ072 (NEW YORK (MANHATTAN)), zone-level	B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2006-08-01	Heat		damage not reported	9, 0	NWS zone NYZ072 (NEW YORK (MANHATTAN)), zone-level	deaths or injuries recorded
1999-07-04	Heat		damage not reported	13, 0	NWS zone NYZ072 (NEW YORK (MANHATTAN)), zone-level	deaths or injuries recorded
1998-05-20	Hail	1.5 in	damage not reported	0, 0	NEW YORK	B1-c worst recorded: Hail
1996-10-19	Coastal Flood		\$2,500,000 property; crops not reported (zone total, 1996 dollars)	0, 0	NWS zone NYZ072 (NEW YORK (MANHATTAN)), zone-level	B1-c worst recorded: Coastal Flood, Storm Surge/Tide
1995-08-31	Tornado	F0, 0.1 mi path length (whole path, pre-1996), 10 yd wide	\$30,000 property; crops not recorded (1995 dollars)	0, 1	location not recorded	B1-c worst recorded: Tornado

The full list is in the Excel file, sheet "B1-d Storm Events history" (297 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	3.76	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	0.498	event-days per year	about 0.498 days per year	Likely	Storm Events event-days in 3 of 30 years, 1996 to 2025 (10%)	8.32	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	1.47	event-days per year	about 1.47 days per year	Possible	Storm Events event-days in 1 of 30 years, 1996 to 2025 (3.33%)	70	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.00194	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.194%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	1.89	events per year	about 1.89 per year	Highly likely	FEMA annualized frequency (modeled)	91.2 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	10.2	event-days per year	about 10.2 days per year	Likely	Storm Events event-days in 10 of 30 years, 1996 to 2025 (33.3%)	146	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.155	events per year	about 1 in 6 years	Likely	FEMA annualized frequency (modeled)	30	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	0.744	event-days per year	about 0.744 days per year	Possible	Storm Events event-days in 1 of 30 years, 1996 to 2025 (3.33%)	50	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	2	event-days per year	about 2 days per year	Likely	Storm Events event-days in 22 of 30 years, 1996 to 2025 (73.3%)	56	1996 to 2023 (28 years)	see B1-f	
Landslide	0.00679	events per year (modeled)	about 1 in 147 years	Unlikely	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	31.7	days per year with a strike	about 31.7 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	5.39	events per year	about 5.39 per year	Highly likely	FEMA annualized frequency (modeled)	205	1986 to 2023 (38 years)	countywide	
Tornado	0.0106	events per year	about 1 in 94 years	Possible	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Tsunami		annual probability at the most exposed location (used in place of a county value)			Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No descriptor: no Storm Events record 1996 to 2025
Wildfire	0.000067	annual probability at a location	chance a given location in the county burns in a year: 0.0067%		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No descriptor: no Storm Events record 1996 to 2025
Winter Weather	9.29	event-days per year	about 9.29 days per year	Likely	Storm Events event- days in 26 of 30 years, 1996 to 2025 (86.7%)	154	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	3	30	0.1
Hail	2.00 in+	1996 to 2025	0	30	0
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	34	30	1.13
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	4	30	0.133
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	0	30	0
Tornado	EF0-1	1996 to 2025	0	30	0
Tornado	EF2-3	1996 to 2025	0	30	0
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

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

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

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

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

Range of census tract risk within the county

Source: 5

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Coastal Flooding	107 of 310	68.9	84.3	95.8	Relatively High 1, Relatively Moderate 24, Relatively Low 57, Very Low 25, No Rating 203
Cold Wave	310 of 310	15.5	59.0	85.2	Relatively High 20, Relatively Moderate 210, Relatively Low 71, Very Low 9
Drought	0 of 310				No Rating 310
Earthquake	310 of 310	9.4	64.7	87.7	Relatively Moderate 32, Relatively Low 250, Very Low 28
Hail	310 of 310	2.7	45.1	82.7	Relatively Moderate 5, Relatively Low 238, Very Low 67
Heat Wave	310 of 310	1.3	87.8	96.8	Very High 1, Relatively High 184, Relatively Moderate 97, Relatively Low 17, Very Low 11
Hurricane	310 of 310	39.0	75.2	92.9	Relatively High 2, Relatively Moderate 77, Relatively Low 226, Very Low 5
Ice Storm	310 of 310	0.3	27.0	61.6	Relatively Low 93, Very Low 217
Inland Flooding	310 of 310	0.3	46.8	100.0	Very High 8, Relatively High 46, Relatively Moderate 95, Relatively Low 110, Very Low 51
Landslide	172 of 310	8.7	21.7	78.0	Very Low 172, No Rating 138
Lightning	310 of 310	0.1	23.8	52.7	Relatively Moderate 3, Relatively Low 178, Very Low 129
Strong Wind	310 of 310	0.4	66.3	89.5	Relatively High 23, Relatively Moderate 203, Relatively Low 74, Very Low 10
Tornado	310 of 310	1.5	29.3	56.7	Relatively Moderate 1, Relatively Low 146, Very Low 163
Tsunami	0 of 310				Insufficient Data 310
Wildfire	11 of 310	18.7	22.6	70.9	Relatively Low 1, Very Low 10, No Rating 299
Winter Weather	310 of 310	11.0	64.2	87.5	Relatively High 31, Relatively Moderate 227, Relatively Low 46, Very Low 6

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, 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.

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
New York city	City	Approved, expires 2029-05-27	FMA RL 56, SRL 206; any 4,511	no Public Assistance recorded	48 total; 1 since its plan	Whole community, including the part in Bronx County, Dutchess County, Kings County, Nassau County, Queens County, Rensselaer County, Richmond County, Rockland County, Suffolk County and Westchester County, plus 7 properties with no county in FEMA's file; in-county portion (county table): FMA RL 0, FMA SRL 3, NFIP RL 59, NFIP SRL 2, any category 59.

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

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

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

Local data needed

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

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

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

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

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	Cost of expected deaths and injuries <i>FEMA's dollar value per year, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2024-05-28 <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	\$23,612,120,851	n/a	170,409	\$984,345	n/a	\$231,737	0.00417%				
Cold Wave	\$292,061,968,506	\$61,299	1,693,650	\$1,136	\$1	\$18,485,882	under 0.0001%				
Drought	n/a	\$0	n/a	n/a	\$0	n/a					agriculture exposure is 0 in NRI
Earthquake	\$511,955,301,934	n/a	1,694,251	\$13,597,989	n/a	\$6,150,055	0.00266%				
Hail	\$292,061,968,506	\$61,299	1,693,650	\$1,511,162	\$13	\$40,751	0.000517%				

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 2024-05-28 <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
Heat Wave	\$292,061,968,506	\$61,299	1,693,650	\$139	\$11	\$40,526,195	under 0.0001%				
Hurricane	\$291,820,905,452	\$61,299	1,692,178	\$22,266,502	\$418	\$900,058	0.00763%				
Ice Storm	\$292,061,968,506	n/a	1,693,650	\$212,522	n/a	\$315,232	under 0.0001%				
Inland Flooding	\$291,952,808,989	\$16,300	86,056	\$185,506,308	\$250	\$1,535,745	n/a (see note)	\$0			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	\$1,743,547,710	n/a	12,877	\$129	n/a	\$19	under 0.0001%				
Lightning	\$292,061,968,506	n/a	1,693,650	\$13,741	n/a	\$1,038,284	under 0.0001%	\$0			
Strong Wind	\$292,061,968,506	\$61,299	1,693,650	\$384,652	\$1	\$7,359,757	0.000132%	\$21,500			
Tornado	\$292,061,968,506	\$61,299	1,693,650	\$2,648,405	under \$1	\$1,751,891	0.000907%				
Tsunami	n/a	n/a	n/a	n/a	n/a	n/a					NRI publishes no building exposure for this county
Wildfire	\$292,350,572	\$19	4,291	\$1,423	under \$1	\$585	0.000487%				
Winter Weather	\$292,061,968,506	\$61,299	1,693,650	\$151,555	under \$1	\$1,051,227	under 0.0001%		\$0		

Totals since 2024-05-28 (Storm Events through 2026-06-30): 5 county-coded records, 5 with a damage value recorded (including \$0), \$21,500; 5 zone-level records, 5 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance: no counted declaration since the plan.

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

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

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

County context

Source: 5

Measure	Value
Population	1,693,650
Building value (total, not at risk)	\$292,061,968,506
Agriculture value (total, not at risk)	\$61,299
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$227,280,702
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)	\$79,387,418
Social vulnerability rating	Very High
Community resilience rating	Relatively High
NRI version	December 2025

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

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

Supports FEMA checklist item B2-c: repetitive loss properties

Repetitive loss in this county, both definitions

Sources: 1, 4

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	0	Severe repetitive loss, FMA definition (44 CFR 77.2)	4
Repetitive loss, NFIP insurance definition	60	Severe repetitive loss, NFIP insurance definition	2

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

Repeat-flood properties: county and state-level rows

Sources: 1, 4

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
County total	0	4	60	2	61	1	30
of which: New York city	0	3	59	2	59	0	30
of which: Unknown (community ID Unknown in FEMA data)	0	1	1	0	2	1	0
Statewide, no county in FEMA's file	0	0	19	0	19	0	3

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 properties	SRL, FMA properties	RL, NFIP properties	SRL, NFIP properties	Any category properties	Mitigated properties	Currently insured properties	Note
New York city	360497	56	206	4,483	168	4,511	6	1,692	Whole community, including the part in Bronx County, Dutchess County, Kings County, Nassau County, Queens County, Rensselaer County, Richmond County, Rockland County, Suffolk County and Westchester County, plus 7 properties with no county in FEMA's file; in-county portion (county table): FMA RL 0, FMA SRL 3, NFIP RL 59, NFIP SRL 2, any category 59.

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 properties	SRL, FMA properties	RL, NFIP properties	SRL, NFIP properties	Any category properties	Mitigated properties	Currently insured properties
single-family residential	0	0	6	0	6	0	1
2 to 4 unit residential	0	0	1	0	1	0	1
other residential	0	2	40	1	40	0	25
non-residential	0	2	13	1	14	1	3
not reported	0	0	0	0	0	0	0

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

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

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

In this county 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 60 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

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