

Pike County, KY

Risk-assessment baseline packet

County FIPS: 21195 Release: 2026-10 Data as of: 2026-09-30 Storm Events data through: 2026-06-30

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

Summary

Plan status as of 2026-09-30: Approved, expires 2028-01-26. Plan: Big Sandy ADD Regional (FEMA plan 108756), approved 2023-01-27.

Since the plan was approved on 2023-01-27: 4 new hazard declarations (3 incidents) and 73 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 (\$44,812,969 a year), Wildfire (\$999,833) and Landslide (\$980,217).

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; 21195 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 2028-01-26

Approved:2023-01-27

Plan:Big Sandy ADD Regional (FEMA plan 108756)

Days to expiry:483

What changed since your last plan (approved 2023-01-27)

New federal declarations:

4 new hazard declarations (3 incidents): EM-3624-KY (Severe Storms, Straight-Line Winds, Flooding, and Landslides), DR-4860-KY (Severe Storms, Straight-Line Winds, Flooding, Landslides, and Mudslides), EM-3626-KY (Severe Storms, Straight-Line Winds, Tornadoes, and Flooding), EM-3633-KY (Severe Winter Storm)

Repetitive loss now:

FMA RL 20, SRL 41 (44 CFR 77.2); any definition: 212

Storm Events records since approval:

73 records (data through 2026-06-30)

Repeat-flood change:

this release sets the baseline count.

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

Plan status for every jurisdiction listed in this county

Source: 1

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry negative = days since expiry	Notes
Pike County (unincorporated area)	Unincorporated	Approved, expires 2028-01-26	Big Sandy ADD Regional (FEMA plan 108756)	2023-01-27	2028-01-26	483	
Coal Run Village city	City	Approved, expires 2028-01-26	Big Sandy ADD Regional (FEMA plan 108756)	2023-01-27	2028-01-26	483	
Elkhorn City city	City	Approved, expires 2028-01-26	Big Sandy ADD Regional (FEMA plan 108756)	2023-01-27	2028-01-26	483	
Pikeville city	City	Approved, expires 2028-01-26	Big Sandy ADD Regional (FEMA plan 108756)	2023-01-27	2028-01-26	483	this jurisdiction approved 2023-03-09

Plan 108756 covers 13 other participants, named in the Excel file.

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	Relatively High	Relatively Moderate	\$41,833,015	\$13,791	\$2,966,163	\$44,812,969	185	
2	Wildfire	Relatively Moderate	Relatively Moderate	\$770,356	\$26	\$229,451	\$999,833	1	
3	Landslide	Relatively High	Relatively Moderate	\$1,645	n/a	\$978,571	\$980,217	11	
4	Strong Wind	Relatively Moderate	Relatively Moderate	\$97,567	\$3,919	\$636,074	\$737,560	403	Includes 11 High Wind and 16 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
5	Cold Wave	Relatively Low	Relatively Low	\$5,293	\$355	\$597,947	\$603,595	15	Includes 13 Frost/Freeze records (outside NRI's Cold Wave definition; counted in this table and in B1-d, not in the B1-e descriptor).
6	Heat Wave	Relatively Low	Relatively Low	\$23	\$1	\$564,722	\$564,746	2	
7	Earthquake	Very Low	Very Low	\$242,286	n/a	\$38,696	\$280,982		Storm Events does not record earthquakes.
8	Hail	Relatively Low	Relatively Low	\$202,719	\$450	\$15,188	\$218,357	133	
9	Winter Weather	Relatively Moderate	Relatively Moderate	\$25,014	under \$1	\$148,674	\$173,689	109	
10	Tornado	Very Low	Very Low	\$85,699	\$13	\$72,267	\$157,979	2	
11	Lightning	Relatively Low	Relatively Low	\$5,022	n/a	\$105,354	\$110,377	1	
12	Hurricane	Very Low	Very Low	\$54,681	\$179	\$2,206	\$57,066	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	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	Ice Storm	Relatively Low	Relatively Low	\$13,801	n/a	\$16,137	\$29,938	5	
14	Avalanche	Relatively Low	Very Low	\$2	n/a	\$11,861	\$11,863	0	No recorded events in Storm Events since 1996 (data through 2026-06-30).
15	Drought	Very Low	Very Low	n/a	\$2,589	n/a	\$2,589	3	

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.

Not applicable to this county per NRI, with no federal declaration and no Storm Events record since 1996: coastal flooding, tsunami 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.
Inland Flooding: The FEMA Flood Insurance Rate Map (FIRM) is the required location source for flooding. See the FEMA Flood Map Service Center (<https://msc.fema.gov>) for this county.

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

Source: 5

Hazard	Highest-rated census tracts <i>NRI risk rating, score 0 to 100</i>
Avalanche	tract 9310 (Very Low, 69.3); tract 9303.02 (Very Low, 69.2); tract 9317 (Very Low, 69.1)
Earthquake	tract 9319 (Relatively Low, 46.9); tract 9317 (Relatively Low, 46.7); tract 9304 (Relatively Low, 46.3)
Hurricane	tract 9317 (Very Low, 48.8); tract 9304 (Very Low, 48.3); tract 9315 (Very Low, 47.2)
Landslide	tract 9317 (Relatively High, 99.8); tract 9318 (Relatively High, 99.8); tract 9301 (Relatively High, 99.7)
Tornado	tract 9308 (Very Low, 27.3); tract 9317 (Very Low, 27.2); tract 9304 (Very Low, 24.9)
Wildfire	tract 9317 (Relatively High, 96.4); tract 9312 (Relatively Moderate, 95.0); tract 9315 (Relatively Moderate, 94.9)

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 9310 is Census Tract 9310). FEMA's Resilience Analysis and Planning Tool maps the National Risk Index for every tract: <https://www.fema.gov/emergency-managers/practitioners/resilience-analysis-and-planning-tool>

Supports FEMA checklist item B1-c: hazard extent

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

Sources: 6, 7

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Avalanche	none (count and damage only)	0					
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	2 records, 2014 to 2015 (2 zone-level)	1 day to 2 days (median 1.5 days); 2 with a recorded value	2 consecutive days, 2015-02-19 to 2015-02-20, zone-level		Countywide (zone-level records).	
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	13 records, 2007 to 2020 (13 zone-level)		No crop damage reported in 13 records.		Countywide (zone-level records).	
Drought	U.S. Drought Monitor scale (D0 to D4)	3 records, 2016 to 2019 (3 zone-level)	22 days to 29 days (median 25.5 days); 2 with a recorded value	29 days (about 1.0 months), 2016-11-08 to 2016-12-06, a run of 2 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)	138 records, 1965 to 2025	0.5 in to 3.5 in (median 1 in); 138 with a recorded value	3.5 in hail, 1977-06-05	Hail, 1997-08-04, \$250,000 property; \$0 crops (1997 dollars)	Event records naming jurisdictions in the plan: Pikeville city (24 records).	
Excessive Heat, Heat	heat index (in event narratives)	2 records, 2010 (2 zone-level)	1 day; 2 with a recorded value	1 consecutive day, 2010-08-10, zone-level		Countywide (zone-level records).	
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	0					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)	5 records, 2002 to 2021 (5 zone-level)		No damage reported in 5 records.		Countywide (zone-level records).	
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	185 records, 1996 to 2025 (6 zone-level)		Flash Flood, 2001-08-03, \$6,000,000 property; \$0 crops (2001 dollars), 2 direct deaths		Event records naming jurisdictions in the plan: Pikeville city (25 records). Zone-level records (6) 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.

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Debris Flow	none (count and damage only)	11 records, 2003 to 2021 (3 zone-level)		Debris Flow, 2021-08-30, \$0 property; \$5,000 crops (2021 dollars)		Event records naming jurisdictions in the plan: Pikeville city (1 record). Zone-level records (3) apply countywide.	
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	1 record, 2011		Lightning, 2011-05-10, \$5,000 property; \$0 crops (2011 dollars)		Event records naming jurisdictions in the plan: Pikeville city (1 record).	Storm Events lists lightning with damage or casualties.
High Wind and Strong Wind (outside NRI's Strong Wind definition)	wind speed (kt and mph)	27 records, 2003 to 2024 (27 zone-level)	33 kt (38 mph) to 69 kt (79 mph) (median 46 kt (53 mph)); 27 with a recorded value	69 kt (79 mph) measured gust, High Wind, 2020-04-12; NWS zone KYZ120		Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	399 records, 1968 to 2025	29 kt (33 mph) to 87 kt (100 mph) (median 52 kt (60 mph)); 338 with a recorded value	87 kt (100 mph), measurement type not recorded, Thunderstorm Wind, 1980-07-12	Thunderstorm Wind, 2025-03-31, \$75,000 property; \$0 crops (2025 dollars)	Event records naming jurisdictions in the plan: Pikeville city (50 records), Elkhorn City city (2 records).	
Tornado	Enhanced Fujita (Fujita before Feb 2007)	2 records, 1998 to 2014	F/EF0 to F/EF1 (median between F/EF0 and F/EF1); 2 with a recorded value	EF1 tornado, 2014-10-07, 0.1 mi within this county, 130 yd wide, damage not reported	Tornado, 1998-05-20, \$5,000 property; \$0 crops (1998 dollars)	No event record names a jurisdiction in the plan.	Before 1996 a tornado is listed once, under the county where it began, with its whole path's rating and length; from 1996 on, each county lists its own segment. Length is not used to rank tornadoes (see Methods).
Wildfire	acres burned (local data)	1 record, 2016 (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)	109 records, 1996 to 2026 (109 zone-level)		Winter Storm, 2009-12-18, \$100,000 property; \$0 crops (2009 dollars); NWS zone KYZ120		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 avalanche, debris flow and lightning.

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: 47 declarations covering 43 separate hazard incidents counted in this packet (declarations for the same incident count once; non-natural and evacuation-only declarations are not counted).

Federal disaster declarations for this county

Sources: 1, 2, 3

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2026-01-24	2026-01-23	EM-3633-KY	Emergency	Severe Winter Storm	Winter Weather	no Public Assistance recorded	new since last plan; within last 5 years	
2025-04-03	2025-04-02	EM-3626-KY	Emergency	Severe Storms, Straight-Line Winds, Tornadoes, and Flooding	Inland Flooding; Strong Wind; Tornado	no Public Assistance recorded	new since last plan; within last 5 years	
2025-02-24	2025-02-14	DR-4860-KY	Major disaster	Severe Storms, Straight-Line Winds, Flooding, Landslides, and Mudslides	Inland Flooding; Landslide; Strong Wind	\$27,282,803.06	new since last plan; within last 5 years	
2025-02-16	2025-02-14	EM-3624-KY	Emergency	Severe Storms, Straight-Line Winds, Flooding, and Landslides	Inland Flooding; Landslide; Strong Wind	no Public Assistance recorded	new since last plan; within last 5 years	same incident as DR-4860
2022-07-29	2022-07-26	DR-4663-KY	Major disaster	Severe Storms, Flooding, Landslides, and Mudslides	Inland Flooding (primary); also designated: Landslide	\$15,268,715.11	in the 12 months before plan approval; within last 5 years	
2022-02-27	2021-12-31	DR-4643-KY	Major disaster	Severe Storms, Straight-Line Winds, Tornadoes, Flooding, Landslides	Inland Flooding; Landslide; Strong Wind; Tornado	\$5,030,019.41	in the 12 months before plan approval; within last 5 years	
2021-04-23	2021-02-27	DR-4595-KY	Major disaster	Severe, Storms, Flooding, Landslides, and Mudslides	Inland Flooding (primary); also designated: Landslide	\$1,542,800.23		
2020-04-24	2020-02-03	DR-4540-KY	Major disaster	Severe Storms, Flooding, Landslides, and Mudslides	Inland Flooding; Landslide	\$275,405.42		
2020-03-28	2020-01-20	DR-4497-KY	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$1,447,750.47		
2020-03-13	2020-01-20	EM-3469-KY	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded		same incident as DR-4497
2019-04-17	2019-02-06	DR-4428-KY	Major disaster	Severe Storms, Straight-Line Winds, Flooding, Landslides, and Mudslides	Inland Flooding; Landslide; Strong Wind	\$1,287,965.94		
2018-04-12	2018-02-09	DR-4358-KY	Major disaster	Severe Storms, Flooding, Landslides, and Mudslides	Inland Flooding (primary); also designated: Landslide	\$774,278.37		
2016-11-20	2016-11-18	FM-5166-KY	Fire management	Southeastern Kentucky Fire Complex	Wildfire	no Public Assistance recorded		
2015-05-12	2015-03-03	DR-4218-KY	Major disaster	Severe Winter Storm, Snowstorm, Flooding, Landslides, and Mudslides	Inland Flooding (primary); also designated: Landslide, Winter Weather	\$1,153,730.61		
2015-05-01	2015-04-02	DR-4217-KY	Major disaster	Severe Storms, Tornadoes, Flooding, Landslides, and Mudslides	Inland Flooding (primary); also designated: Landslide, Tornado	\$406,739.53		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
2015-04-30	2015-02-15	DR-4216-KY	Major disaster	Severe Winter Storms, Snowstorms, Flooding, Landslides, and Mudslides	Winter Weather (primary); also designated: Inland Flooding, Landslide	\$244,638.50		
2014-09-30	2014-08-18	DR-4196-KY	Major disaster	Severe Storms, Flooding, Landslides, and Mudslides	Inland Flooding; Landslide	\$826,966.26		
2011-05-04	2011-04-12	DR-1976-KY	Major disaster	Severe Storms, Tornadoes, and Flooding	Inland Flooding; Tornado	PA not declared for this county		
2010-07-23	2010-07-17	DR-1925-KY	Major disaster	Severe Storms, Flooding, and Mudslides	Inland Flooding; Landslide	\$4,165,182.94		
2009-05-29	2009-05-03	DR-1841-KY	Major disaster	Severe Storms, Tornadoes, Flooding and Mudslides	Inland Flooding; Landslide; Tornado	\$9,073,700.21		
2007-05-25	2007-04-14	DR-1703-KY	Major disaster	Severe Storms, Flooding, Mudslides, and Rockslides	Inland Flooding; Landslide	\$985,390.43		
2005-09-10	2005-08-29	EM-3231-KY	Emergency	Hurricane Katrina	Hurricane: evacuation support, not a local hazard event; not counted	no Public Assistance recorded		
2004-06-10	2004-05-26	DR-1523-KY	Major disaster	Severe Storms, Tornadoes, Flooding, and Mudslides	Inland Flooding; Landslide; Tornado	\$1,712,410		
2003-07-02	2003-06-14	DR-1475-KY	Major disaster	Severe Storms, Flooding, Mud and Rock Slides, and Tornadoes	Inland Flooding; Tornado	\$3,669,643.33		
2003-03-14	2003-02-15	DR-1454-KY	Major disaster	Severe Winter Ice and Snow Storms, Heavy Rain, Flooding, Tornadoes, and Mud and	Inland Flooding; Tornado; Winter Weather	\$2,147,227.83		
2002-05-07	2002-04-27	DR-1414-KY	Major disaster	Severe Storms, Tornadoes and Flooding	Inland Flooding; Tornado	\$2,992,628.61		
2002-04-04	2002-03-17	DR-1407-KY	Major disaster	Severe Storms and Flooding	Inland Flooding	PA not declared for this county		
2001-11-02	2001-11-02	FM-2386-KY	Fire management	Ky - Eastern Fire Complex - 11/02/2001	Wildfire	no Public Assistance recorded		
2001-08-15	2001-07-27	DR-1388-KY	Major disaster	Severe Storms and Flooding	Inland Flooding	\$1,386,205.65		
2000-11-04	2000-10-30	FM-2350-KY	Fire management	Ky - Eastern District Fire Complex - 11/03/00	Wildfire	no Public Assistance recorded		
1999-11-20	1999-11-16	FM-2288-KY	Fire management	Ky, Wildfires #001	Wildfire	no Public Assistance recorded		
1998-04-29	1998-04-16	DR-1216-KY	Major disaster	Severe Storms, Tornadoes,and Flooding	Inland Flooding; Tornado	PA not declared for this county		
1997-03-04	1997-03-01	DR-1163-KY	Major disaster	Severe Storm, Flooding, and Tornadoes	Inland Flooding; Tornado	no Public Assistance recorded		
1996-01-13	1996-01-05	DR-1089-KY	Major disaster	Blizzard of 96	Winter Weather	no Public Assistance recorded		
1995-06-13	1995-05-13	DR-1055-KY	Major disaster	Tornadoes, Severe Winds, Hail	Tornado (primary); also designated: Hail	PA not declared for this county		
1993-03-16	1993-03-13	EM-3104-KY	Emergency	Severe Snowfall & Winter Storm	Winter Weather	no Public Assistance recorded		
1989-10-30	1989-10-16	DR-846-KY	Major disaster	Severe Storms, Mudslides & Flooding	Inland Flooding (primary); also designated: Landslide	no Public Assistance recorded		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
1989-06-30	1989-06-15	DR-834-KY	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1989-02-24	1989-01-13	DR-821-KY	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1984-05-15	1984-05-15	DR-705-KY	Major disaster	High Winds, Tornadoes & Flooding	Inland Flooding; Strong Wind; Tornado	no Public Assistance recorded		
1979-07-19	1979-07-19	DR-592-KY	Major disaster	Severe Storms,Flash Floods	Inland Flooding	no Public Assistance recorded		
1978-12-12	1978-12-12	DR-568-KY	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1977-04-06	1977-04-06	DR-529-KY	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1975-05-24	1975-05-24	DR-468-KY	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1972-05-15	1972-05-15	DR-332-KY	Major disaster	Heavy Rains & Flooding	Inland Flooding	no Public Assistance recorded		
1970-02-02	1970-02-02	DR-282-KY	Major disaster	Heavy Snowmelt, Rains & Flooding	Inland Flooding (primary); also designated: Winter Weather	no Public Assistance recorded		
1967-03-27	1967-03-27	DR-226-KY	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		

County Public Assistance: applicants the FEMA record places in this county, including any state agencies FEMA files there; statewide rows are listed on the state page; federal share obligated, nominal dollars.

Statewide declarations

Source: 2

Declared	Incident began	FEMA number	Type	Title	Mapped hazard
1964-03-17	1964-03-17	DR-163-KY	Major disaster	Severe Storms & Flooding	Inland Flooding
1963-03-13	1963-03-13	DR-148-KY	Major disaster	Severe Storms & Flooding	Inland Flooding
1962-03-12	1962-03-12	DR-128-KY	Major disaster	Floods	Inland Flooding
1957-01-31	1957-01-31	DR-66-KY	Major disaster	Flood	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.

Previous occurrences by hazard, with explicit no-event rows

Sources: 2, 6, 7

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Avalanche	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Cold Wave	15	0	0	0	0	0	1996 to 2026-06-30	Includes 13 Frost/Freeze records.
Drought	3	0	0	0	0	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.

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
Hail	138	13	1	14	1	0	1955 to 2026-06-30	
Heat Wave	2	0	0	0	0	0	1996 to 2026-06-30	
Hurricane	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Ice Storm	5	0	0	0	0	0	1996 to 2026-06-30	
Inland Flooding	185	3	14	26	35	2	1996 to 2026-06-30	
Landslide	11	0	0	0	16	1	1996 to 2026-06-30	
Lightning	1	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	426	50	19	71	5	2	1955 to 2026-06-30	Includes 11 High Wind and 16 Strong Wind records.
Tornado	2	0	0	0	13	1	1950 to 2026-06-30	
Wildfire	1	0	0	0	4	0	1996 to 2026-06-30	
Winter Weather	109	7	1	10	7	1	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
2021-08-30	Debris Flow		\$0 property; \$5,000 crops (2021 dollars)	0, 0	RANSOM to BOARD TREE	B1-c worst recorded: Debris Flow
2020-04-12	High Wind	69 kt (79 mph) measured gust	\$150,000 property; \$55,000 crops (zone total, 2020 dollars)	0, 0	NWS zone KYZ120 (PIKE), zone-level	B1-c worst recorded: High Wind and Strong Wind
2015-02-19	Extreme Cold/Wind Chill		damage not reported	0, 0	NWS zone KYZ120 (PIKE), zone-level	B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2014-10-07	Tornado	EF1, 0.1 mi within this county, 130 yd wide	damage not reported	0, 0	MC COMBS	B1-c worst recorded: Tornado
2011-05-10	Lightning		\$5,000 property; \$0 crops (2011 dollars)	0, 0	PIKEVILLE	B1-c worst recorded: Lightning
2010-08-10	Heat		\$0 property; \$0 crops (zone total, 2010 dollars)	0, 0	NWS zone KYZ120 (PIKE), zone-level	B1-c worst recorded: Excessive Heat, Heat
2010-08-05	Thunderstorm Wind	53 kt (61 mph) estimated gust	\$20,000 property; \$0 crops (2010 dollars)	1, 0	PHYLLIS	deaths or injuries recorded
2010-07-17	Flash Flood		\$0 property; \$0 crops (2010 dollars)	1, 0	PIKEVILLE	deaths or injuries recorded
2009-12-18	Winter Storm		\$100,000 property; \$0 crops (zone total, 2009 dollars)	0, 0	NWS zone KYZ120 (PIKE), zone-level	B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2001-08-03	Flash Flood		\$6,000,000 property; \$0 crops (2001 dollars)	2, 0	COUNTYWIDE	deaths or injuries recorded
1980-07-12	Thunderstorm Wind	87 kt (100 mph), measurement type not recorded	damage not recorded (pre-1996 record)	0, 0	location not recorded	B1-c worst recorded: Thunderstorm Wind
1977-06-05	Hail	3.5 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" (898 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).

FEMA's declaration data list no tribal or special-area declarations for this state.

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

Probability: FEMA annualized frequency and descriptor per hazard

Sources: 5, 6

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Avalanche	0.01	events per year	about 1 in 100 years	Possible	FEMA annualized frequency (modeled)	0	1994 to 2023 (30 years)	see B1-f	0.01 is NRI's minimum avalanche frequency for a county in an avalanche susceptibility zone; NRI records no avalanche here, so the descriptor reflects the floor, not local events.
Cold Wave	0.895	event-days per year	about 0.895 days per year	Possible	Storm Events event-days in 2 of 30 years, 1996 to 2025 (6.67%)	17	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	4.51	event-days per year	about 4.51 days per year	Possible	Storm Events event-days in 2 of 30 years, 1996 to 2025 (6.67%)	210	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.00136	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.136%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	3.09	events per year	about 3.09 per year	Highly likely	FEMA annualized frequency (modeled)	117.3 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	2.58	event-days per year	about 2.58 days per year	Possible	Storm Events event-days in 1 of 30 years, 1996 to 2025 (3.33%)	43	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane	0.0215	events per year	about 1 in 46 years	Possible	FEMA annualized frequency (modeled)	6	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	0.167	event-days per year	about 0.167 days per year	Likely	Storm Events event-days in 4 of 30 years, 1996 to 2025 (13.3%)	12	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	3.32	event-days per year	about 3.32 days per year	Highly likely	Storm Events event-days in 29 of 30 years, 1996 to 2025 (96.7%)	93	1996 to 2023 (28 years)	see B1-f	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Landslide	2.47	events per year (modeled)	about 2.47 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	49.6	days per year with a strike	about 49.6 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	2.88	events per year	about 2.88 per year	Highly likely	FEMA annualized frequency (modeled)	110	1986 to 2023 (38 years)	countywide	
Tornado	0.0896	events per year	about 1 in 11 years	Possible	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Wildfire	0.0116	annual probability at a location	chance a given location in the county burns in a year: 1.16%	Possible	Storm Events records in 1 of 30 years, 1996 to 2025 (3.33%)	not shown	modeled	see B1-f	
Winter Weather	17.3	event-days per year	about 17.3 days per year	Likely	Storm Events event-days in 26 of 30 years, 1996 to 2025 (86.7%)	329	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	67	30	2.23
Hail	2.00 in+	1996 to 2025	11	30	0.367
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	326	30	10.9
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	8	30	0.267
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	42	30	1.4
Tornado	EF0-1	1996 to 2025	2	30	0.0667
Tornado	EF2-3	1996 to 2025	0	30	0
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	0	30	0

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

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

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

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

Range of census tract risk within the county

Source: 5

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Avalanche	22 of 22	65.6	68.0	69.3	Very Low 22
Cold Wave	22 of 22	30.4	40.1	55.1	Relatively Moderate 4, Relatively Low 18
Drought	4 of 22	72.5	77.9	80.0	Relatively Low 2, Very Low 2, No Rating 18
Earthquake	22 of 22	21.5	35.1	46.9	Relatively Low 8, Very Low 14
Hail	22 of 22	47.5	59.8	70.0	Relatively Moderate 1, Relatively Low 21
Heat Wave	22 of 22	25.4	42.9	63.7	Relatively Moderate 3, Relatively Low 19
Hurricane	22 of 22	38.5	43.4	48.8	Very Low 22
Ice Storm	22 of 22	10.8	22.5	39.3	Relatively Low 4, Very Low 18
Inland Flooding	22 of 22	68.3	96.5	99.5	Very High 14, Relatively High 7, Relatively Moderate 1
Landslide	22 of 22	56.4	99.2	99.8	Relatively High 9, Relatively Moderate 11, Relatively Low 1, Very Low 1
Lightning	22 of 22	20.8	32.7	48.8	Relatively Low 22
Strong Wind	22 of 22	57.6	74.6	85.0	Relatively High 2, Relatively Moderate 20
Tornado	22 of 22	11.0	21.9	27.3	Very Low 22
Wildfire	22 of 22	18.8	92.7	96.4	Relatively High 1, Relatively Moderate 17, Relatively Low 2, Very Low 2
Winter Weather	22 of 22	68.2	80.5	91.2	Relatively High 15, Relatively Moderate 7

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	Public Assistance to this jurisdiction	Event records naming this place
			FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition	FEMA records matched by applicant name; federal share obligated, nominal dollars	all years; since its plan
Pike County (unincorporated area)	Unincorporated	Approved, expires 2028-01-26	FMA RL 19, SRL 38; any 198	\$71,922,894.07	0 total; 0 since its plan
Coal Run Village city	City	Approved, expires 2028-01-26	FMA RL 1, SRL 3; any 9	\$136,091.92	0 total; 0 since its plan
Elkhorn City city	City	Approved, expires 2028-01-26	FMA RL 0, SRL 0; any 0	\$27,947.99	2 total; 0 since its plan
Pikeville city	City	Approved, expires 2028-01-26	FMA RL 0, SRL 0; any 5	\$2,240,647.64	101 total; 3 since its plan

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 2023-01-27 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Avalanche	\$6,370,250	n/a	3	\$2	n/a	\$11,861	under 0.0001%				
Cold Wave	\$10,435,350,400	\$958,193	58,572	\$5,293	\$355	\$597,947	under 0.0001%				
Drought	n/a	\$436,429	n/a	n/a	\$2,589	n/a	0.593% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$17,861,038,520	n/a	58,669	\$242,286	n/a	\$38,696	0.00136%				
Hail	\$10,435,350,400	\$958,193	58,572	\$202,719	\$450	\$15,188	0.00194%	\$0			
Heat Wave	\$10,435,350,400	\$958,193	58,572	\$23	\$1	\$564,722	under 0.0001%				
Hurricane	\$10,400,677,205	\$958,193	58,299	\$54,681	\$179	\$2,206	0.000526%				
Ice Storm	\$10,423,138,467	n/a	58,473	\$13,801	n/a	\$16,137	0.000132%				

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 2023-01-27 <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
Inland Flooding	\$10,402,080,759	\$361,813	8,169	\$41,833,015	\$13,791	\$2,966,163	n/a (see note)	\$0		\$27,282,803.06	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	\$3,294,881,483	n/a	21,161	\$1,645	n/a	\$978,571	under 0.0001%			\$27,282,803.06	
Lightning	\$10,435,350,400	n/a	58,572	\$5,022	n/a	\$105,354	under 0.0001%				
Strong Wind	\$10,435,350,400	\$958,193	58,572	\$97,567	\$3,919	\$636,074	0.000935%	\$180,000	\$62,000	\$27,282,803.06	Storm Events damage since the plan includes 3 zone-level High Wind records (\$62,000): a NOAA non-thunderstorm wind type, outside NRI's Strong Wind definition.
Tornado	\$10,435,350,400	\$958,193	58,572	\$85,699	\$13	\$72,267	0.000821%			no Public Assistance recorded (1 declaration)	
Wildfire	\$727,004,179	\$261,798	13,253	\$770,356	\$26	\$229,451	0.106%				
Winter Weather	\$10,435,350,400	\$958,193	58,572	\$25,014	under \$1	\$148,674	0.00024%		\$0	no Public Assistance recorded (1 declaration)	

Totals since 2023-01-27 (Storm Events through 2026-06-30): 63 county-coded records, 60 with a damage value recorded (including \$0), \$180,000; 10 zone-level records, 4 with a damage value recorded (including \$0), \$62,000 reported for the zone; Public Assistance: \$27,282,803.06 on 4 counted declarations, 1 of them with Public Assistance.

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	58,572
Building value (total, not at risk)	\$10,435,350,400
Agriculture value (total, not at risk)	\$958,193
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$43,358,447
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)	\$6,383,313
Social vulnerability rating	Relatively High
Community resilience rating	Very Low
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)	20	Severe repetitive loss, FMA definition (44 CFR 77.2)	41
Repetitive loss, NFIP insurance definition	202	Severe repetitive loss, NFIP insurance definition	33

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

Repeat-flood properties: county total and NFIP communities

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	20	41	202	33	212	5	70
of which: Pikeville city	0	0	5	0	5	0	0
of which: Coal Run Village city	1	3	9	3	9	0	4
of which: Pike County (unincorporated area)	19	38	188	30	198	5	66

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>
Pike County (unincorporated area)	210298	19	38	188	30	198	5	66
Coal Run Village city	210263	1	3	9	3	9	0	4
Elkhorn City city	210356	0	0	0	0	0	0	0
Pikeville city	210193	0	0	5	0	5	0	0

Counts by occupancy group for each jurisdiction are in the Excel file, sheet "B2-c Jurisdictions".

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

County repeat-flood properties by occupancy group

Sources: 1, 4

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	17	27	155	22	162	5	57
2 to 4 unit residential	0	1	8	1	8	0	3
other residential	0	1	1	0	2	0	2
non-residential	3	12	38	10	40	0	8
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 2 properties are FMA repetitive loss but not NFIP repetitive loss, and 184 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).

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Corrections: to report an error, name the packet, the table and what your records show. Contact: contact@hazardplain.org