

Arapahoe County, CO

Risk-assessment baseline packet

County FIPS: 08005 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: Expired on 2026-01-12. Plan: Arapahoe County, CO Hazard Mitigation Plan 2021 (FEMA plan 107012), approved 2021-01-13.

Update: FEMA tracker shows a plan in review.

Since the plan was approved on 2021-01-13: 1 new hazard declaration (1 incident) and 238 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): Hail (\$63,981,567 a year), Inland Flooding (\$62,030,206) and Tornado (\$22,358,910).

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; 08005 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:	Expired on 2026-01-12	Plan:	Arapahoe County, CO Hazard Mitigation Plan 2021 (FEMA plan 107012)
Approved:	2021-01-13	Days since expiry:	261
Update underway:	FEMA tracker shows a plan in review		

Until a new plan is approved, FEMA mitigation project grants (HMGP, FMA) need a FEMA exception (44 CFR 201.6(a)(3)).

What changed since your last plan (approved 2021-01-13)

New federal declarations:	1 new hazard declaration (1 incident): DR-4731-CO (Severe Storms, Flooding, and Tornadoes)	Storm Events records since approval:	238 records (data through 2026-06-30)
Repetitive loss now:	FMA RL 0, SRL 0 (44 CFR 77.2); any definition: 6	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: 14 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" on the following pages.

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

Plan clock

Plan status for every jurisdiction listed in this county

Source: 1

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Arapahoe County	County	Expired on 2026-01-12	Arapahoe County, CO Hazard Mitigation Plan 2021 (FEMA plan 107012)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in review	
Aurora city	City	Approved, expires 2027-02-10	City of Aurora Hazard Mitigation Plan 2021 (FEMA plan 107830)	2022-02-11	2027-02-10	133		
Bennett town	Town	Expired on 2026-01-12	Arapahoe County, CO Hazard Mitigation Plan 2021 (FEMA plan 107012)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Bow Mar town	Town	Expired on 2026-01-12	Arapahoe County, CO Hazard Mitigation Plan 2021 (FEMA plan 107012)	2021-01-13	2026-01-12	-261		
Centennial city	City	Expired on 2026-01-12	Arapahoe County, CO Hazard Mitigation Plan 2021 (FEMA plan 107012)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in review	
Cherry Hills Village city	Town	Expired on 2026-01-12	Arapahoe County, CO Hazard Mitigation Plan 2021 (FEMA plan 107012)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in review	
Englewood city	City	Expired on 2026-01-12	Arapahoe County, CO Hazard Mitigation Plan 2021 (FEMA plan 107012)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in review	
Foxfield town	Town	Expired on 2026-01-12	Arapahoe County, CO Hazard Mitigation Plan 2021 (FEMA plan 107012)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in review	
Glendale city	City	Expired on 2026-01-12	Arapahoe County, CO Hazard Mitigation Plan 2021 (FEMA plan 107012)	2021-01-13	2026-01-12	-261		
Greenwood Village city	City	Expired on 2026-01-12	Arapahoe County, CO Hazard Mitigation Plan 2021 (FEMA plan 107012)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in review	
Littleton city	City	Expired on 2026-01-12	Arapahoe County, CO Hazard Mitigation Plan 2021 (FEMA plan 107012)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in review	
Sheridan city	City	Expired on 2026-01-12	Arapahoe County, CO Hazard Mitigation Plan 2021 (FEMA plan 107012)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in review	
Denver Water	Water/Sewer Authority	Expired on 2026-01-12	Arapahoe County, CO Hazard Mitigation Plan 2021 (FEMA plan 107012)	2021-01-13	2026-01-12	-261	FEMA tracker shows a plan in review	
South Metro Fire Rescue	Fire/EMS District	No approved plan on record	none	none	none		FEMA tracker shows a plan in review	

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>	Why this hazard can be left out <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
1	Hail	Very High	Very High	\$61,945,315	\$120,989	\$1,915,262	\$63,981,567	460		
2	Inland Flooding	Relatively Moderate	Relatively High	\$61,429,254	\$6,208	\$594,744	\$62,030,206	45		
3	Tornado	Relatively High	Relatively High	\$17,250,067	\$2,103	\$5,106,741	\$22,358,910	49		
4	Cold Wave	Relatively High	Relatively High	\$71,652	\$35,363	\$9,290,285	\$9,397,299	11		Includes 1 Frost/Freeze record (outside NRI's Cold Wave definition; counted in this table and in B1-d, not in the B1-e descriptor).
5	Lightning	Very High	Very High	\$67,770	n/a	\$3,959,032	\$4,026,802	30		
6	Strong Wind	Relatively High	Relatively High	\$1,067,733	\$2,777	\$2,647,187	\$3,717,697	221		Includes 110 High Wind and 7 Strong Wind records (NOAA non-thunderstorm wind types, outside NRI's Strong Wind definition).
7	Earthquake	Relatively Low	Relatively Moderate	\$2,669,023	n/a	\$852,384	\$3,521,407			Storm Events does not record earthquakes.
8	Heat Wave	Relatively Low	Relatively Low	\$216	\$667	\$1,024,274	\$1,025,157	5		
9	Wildfire	Relatively Low	Relatively Low	\$740,201	\$94	\$61,826	\$802,120	2		
10	Winter Weather	Relatively High	Relatively High	\$133,277	\$5	\$385,504	\$518,786	283		
11	Drought	Relatively Low	Relatively Low	n/a	\$117,648	n/a	\$117,648	5		
12	Ice Storm	Very Low	Very Low	\$5,423	n/a	\$1,882	\$7,305	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
13	Landslide	Very Low	Very Low	\$1,638	n/a	\$15	\$1,652	0		Declared 1 time; no Storm Events record of this type.

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>	Why this hazard can be left out <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
14	Volcanic Activity	Very Low	Very Low	under \$1	n/a	\$155	\$155	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Avalanche	Not Applicable	Not Applicable					1	NRI rates this Not Applicable, but 1 Storm Events record of this type exists since 1996; review before omitting.	
	Hurricane	Not Applicable	Not Applicable					0	NRI rates hurricane Not Applicable for this county, and no counted federal declaration for this county names it (EM-3224-CO names it but is not counted as a local occurrence; see B1-d).	No recorded events in Storm Events since 1996 (data through 2026-06-30).

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

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

Local data needed: state and local landslide and volcanic activity 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: coastal flooding and tsunamis. 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	no tract has a National Risk Index rating for this hazard
Earthquake	tract 73.02 (Relatively Low, 72.2); tract 67.12 (Relatively Low, 72.1); tract 66.01 (Relatively Low, 71.8)
Hurricane	no tract has a National Risk Index rating for this hazard
Landslide	tract 71.06 (Relatively Low, 87.6); tract 71.01 (Relatively Low, 85.5); tract 867 (Very Low, 80.2)
Tornado	tract 67.12 (Very High, 96.3); tract 67.04 (Relatively High, 88.7); tract 68.64 (Relatively High, 86.3)
Volcanic Activity	tract 821 (Very Low, 77.6); tract 834 (Very Low, 77.5); tract 831 (Very Low, 76.0)
Wildfire	tract 71.01 (Relatively High, 96.4); tract 71.03 (Relatively Moderate, 95.3); tract 867 (Relatively Moderate, 92.8)

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 73.02 is Census Tract 73.02). 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)	1 record, 2015 (1 zone-level)		No damage reported in 1 record.		Countywide (zone-level records).	
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	10 records, 1996 to 2025 (10 zone-level)	1 day to 7 days (median 3 days); 8 with a recorded value	7 consecutive days, 1998-12-18 to 1998-12-24, 3 direct deaths, zone-level		Countywide (zone-level records).	
Frost/Freeze (outside NRI's Cold Wave definition)	crop damage	1 record, 2014 (1 zone-level)		Frost/Freeze, 2014-11-10, \$10,000,000 crop damage (2014 dollars); NWS zone COZ040		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
Drought	U.S. Drought Monitor scale (D0 to D4)	5 records, 2002 to 2021 (5 zone-level)	22 days to 61 days (median 30.5 days); 4 with a recorded value	61 days (2 months), 2021-11-01 to 2021-12-31, 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)	601 records, 1962 to 2026	0.75 in to 4.25 in (median 1 in); 599 with a recorded value	4.25 in hail, 2010-06-10	Hail, 2018-06-19, \$276,400,000 property; crops not reported (2018 dollars)	Event records naming jurisdictions in the plan: Littleton city (23 records), Englewood city (11 records), Aurora city (6 records), Bow Mar town (6 records), Sheridan city (6 records), Bennett town (3 records).	
Excessive Heat, Heat	heat index (in event narratives)	5 records, 2000 to 2012 (5 zone-level)	2 days to 30 days (median 17 days); 3 with a recorded value	June 2012 (1 monthly summary record), 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)	0					
Flash Flood, Flood, Lakeshore Flood	damage and flood days (flood depth: FIRM)	45 records, 1997 to 2025 (1 zone-level)		Flood, 2013-09-12, \$3,300,000 property; \$0 crops (2013 dollars)		Event records naming jurisdictions in the plan: Littleton city (2 records), Englewood city (1 record). Zone-level records (1) 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)	30 records, 1996 to 2019		Lightning, 2000-08-16, \$250,000 property; crops not reported (2000 dollars)		Event records naming jurisdictions in the plan: Littleton city (5 records), Englewood 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)	117 records, 1996 to 2026 (117 zone-level)	30 kt (35 mph) to 89 kt (102 mph) (median 55 kt (63 mph)); 115 with a recorded value	89 kt (102 mph), measurement type not recorded, High Wind, 1999-02-02; NWS zone COZ040	High Wind, 1997-12-28, \$120,000 property; \$0 crops (zone total, 1997 dollars)	Countywide (zone-level records).	
Thunderstorm Wind	wind speed (kt and mph)	150 records, 1964 to 2026	50 kt (58 mph) to 80 kt (92 mph) (median 54 kt (62 mph)); 137 with a recorded value	80 kt (92 mph), measurement type not recorded, Thunderstorm Wind, 1999-08-28	Thunderstorm Wind, 1993-09-18, \$500,000 property; crops not recorded (1993 dollars)	Event records naming jurisdictions in the plan: Englewood city (5 records), Aurora city (2 records), Littleton city (2 records), Sheridan city (1 record).	

Hazard	Scale	Records <i>count and years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to jurisdictions	Note
Tornado	Enhanced Fujita (Fujita before Feb 2007)	98 records, 1964 to 2025	F/EF0 to F/EF2 (median F/EF0); 95 with a recorded value	F2 tornado, 1986-06-08, 0.1 mi path length (whole path, pre-1996), 50 yd wide, \$2,500,000 property; crops not recorded (1986 dollars)	Tornado, 2002-08-29, \$6,000,000 property; crops not reported (2002 dollars)	Event records naming jurisdictions in the plan: Bennett town (1 record), Englewood city (1 record).	Before 1996 a tornado is listed once, under the county where it began, with its whole path's rating and length; from 1996 on, each county lists its own segment. Length is not used to rank tornadoes (see Methods).
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					
Wildfire	acres burned (local data)	2 records, 2024 to 2026 (2 zone-level)		Wildfire, 2024-07-13, \$750,000 property; crops not reported (2024 dollars); NWS zone COZ045		Countywide (zone-level records).	
Winter Storm, Heavy Snow, Blizzard, Lake- Effect Snow, Winter Weather, Sleet	none in data (snowfall: local data)	283 records, 1996 to 2026 (283 zone- level)		Blizzard, 2003-03-17, \$15,500,000 property; crops not reported (2003 dollars), 2 direct injuries (reported for the zone); NWS zone COZ040		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, lightning and volcanic ash, volcanic ashfall.

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.

A monthly summary record covers most or all of a month; it does not count days at wave conditions.

Supports FEMA checklist item B1-d: previous occurrences

Federal declarations for this county: 12 declarations covering 8 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
2023-08-25	2023-06-08	DR-4731-CO	Major disaster	Severe Storms, Flooding, and Tornadoes	Inland Flooding (primary); also designated: Tornado	\$4,058,465.65	new since last plan; within last 5 years	
2020-03-28	2020-01-20	DR-4498-CO	Major disaster	COVID-19 Pandemic	Non-natural, not counted	\$4,731,308.71	in the 12 months before plan approval	
2020-03-13	2020-01-20	EM-3436-CO	Emergency	COVID-19	Non-natural, not counted	no Public Assistance recorded	in the 12 months before plan approval	same incident as DR-4498
2013-09-14	2013-09-11	DR-4145-CO	Major disaster	Severe Storms, Flooding, Landslides, and Mudslides	Inland Flooding (primary); also designated: Landslide	\$2,724,330.80		
2013-09-12	2013-09-11	EM-3365-CO	Emergency	Severe Storms, Flooding, Landslides, and Mudslides	Inland Flooding (primary); also designated: Landslide	no Public Assistance recorded		same incident as DR-4145
2007-01-07	2006-12-18	EM-3270-CO	Emergency	Snow	Winter Weather	\$895,301.08		
2005-09-05	2005-08-29	EM-3224-CO	Emergency	Hurricane Katrina Evacuation	Hurricane: evacuation support, not a local hazard event; not counted	no Public Assistance recorded		
2003-04-09	2003-03-17	EM-3185-CO	Emergency	Snow	Winter Weather	\$615,595.44		
2002-06-19	2002-04-23	DR-1421-CO	Major disaster	Wildfires	Wildfire	PA not declared for this county		
1973-05-23	1973-05-23	DR-385-CO	Major disaster	Heavy Rains, Snowmelt and Flooding	Inland Flooding	no Public Assistance recorded		
1969-05-19	1969-05-19	DR-261-CO	Major disaster	Severe Storms & Flooding	Inland Flooding	no Public Assistance recorded		
1965-06-19	1965-06-19	DR-200-CO	Major disaster	Tornadoes, Severe Storms & Flooding	Tornado (primary); also designated: 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
1956-06-12	1956-06-12	DR-59-CO	Major disaster	Flood	Inland Flooding
1955-05-25	1955-05-25	DR-33-CO	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.

10 Fire Management declarations (1978-09-12 to 2016-07-10) 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: 2 rows, \$581,850.76

Sources: 2, 3

FEMA number	Declared	Title	Applicant	PA obligated <i>federal share obligated, nominal dollars</i>
DR-4229-CO	2015-07-16	Severe Storms, Tornadoes, Flooding, Landslides, and Mudslides	AURORA	\$568,530.08
EM-3271-CO	2007-01-07	Snow	Catholic Health Initiatives Colorado	\$13,320.68

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

Previous occurrences by hazard, with explicit no-event rows

Sources: 2, 6, 7

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval records	In the 12 months before plan approval records	Last 5 years records	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Avalanche	1	0	0	0	0	0	1996 to 2026-06-30	
Cold Wave	11	4	0	4	0	0	1996 to 2026-06-30	Includes 1 Frost/Freeze record.
Drought	5	2	0	2	0	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		Storm Events does not record earthquakes; the USGS earthquake catalog is the source.
Hail	601	98	4	86	0	0	1955 to 2026-06-30	
Heat Wave	5	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	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Inland Flooding	45	6	0	6	5	1	1996 to 2026-06-30	

Hazard	Storm Events records, all years on file <i>(years in the Period column)</i>	Since plan approval <i>records</i>	In the 12 months before plan approval <i>records</i>	Last 5 years <i>records</i>	Declared incidents, all years <i>separate disasters</i>	Declared since approval <i>separate disasters</i>	Period	Statement
Landslide	0	0	0	0	1	0	1996 to 2026-06-30	No Storm Events records of this type; 1 federal declared incident (see declarations table)
Lightning	30	0	0	0	0	0	1996 to 2026-06-30	
Strong Wind	267	49	25	46	0	0	1955 to 2026-06-30	Includes 110 High Wind and 7 Strong Wind records.
Tornado	98	6	0	5	2	1	1950 to 2026-06-30	
Volcanic Activity	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Wildfire	2	2	0	2	1	0	1996 to 2026-06-30	
Winter Weather	283	71	8	59	2	0	1996 to 2026-06-30	

Notable Storm Events records

Sources: 1, 6, 7

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Deaths, injuries <i>direct only</i>	Location	Flags	Why listed
2024-07-13	Wildfire		\$750,000 property; crops not reported (zone total, 2024 dollars)	0, 0	NWS zone COZ045 (C & E ADAMS & ARAPAHOE COUNTIES), zone-level	new since last plan; within last 5 years	B1-c worst recorded: Wildfire
2023-06-21	Flash Flood		\$50,000 property; \$0 crops (2023 dollars)	1, 0	ARAPAHOE PARK	new since last plan; within last 5 years	deaths or injuries recorded
2022-12-21	Cold/Wind Chill		damage not reported	1, 0	NWS zone COZ040 (N DOUGLAS COUNTY BELOW 6000 FEET / DENVER / W ADAMS & ARAPAHOE COUNTIES / E BROOMFIELD COUNTY), zone-level	new since last plan; within last 5 years	deaths or injuries recorded
2014-11-10	Frost/Freeze		property not reported; \$10,000,000 crops (zone total, 2014 dollars)	0, 0	NWS zone COZ040 (N DOUGLAS COUNTY BELOW 6000 FEET / DENVER / W ADAMS & ARAPAHOE COUNTIES / E BROOMFIELD COUNTY), zone-level		B1-c worst recorded: Frost/Freeze
2013-09-12	Flood		\$3,300,000 property; \$0 crops (2013 dollars)	0, 0	SKYLINE to NORTH CHERRY VLY CRE		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2012-06-01	Heat		\$0 property; \$0 crops (zone total, 2012 dollars)	0, 0	NWS zone COZ040 (N DOUGLAS COUNTY BELOW 6000 FEET / DENVER / W ADAMS & ARAPAHOE COUNTIES / E BROOMFIELD COUNTY), zone-level		B1-c worst recorded: Excessive Heat, Heat
2010-06-10	Hail	4.25 in	damage not reported	0, 0	DEER TRAIL		B1-c worst recorded: Hail
2000-08-16	Lightning		\$250,000 property; crops not reported (2000 dollars)	0, 0	AURORA CHERRY CREEK		B1-c worst recorded: Lightning
1999-08-28	Thunderstorm Wind	80 kt (92 mph), measurement type not recorded	\$20,000 property; crops not reported (1999 dollars)	0, 0	DEER TRAIL		B1-c worst recorded: Thunderstorm Wind
1999-02-02	High Wind	89 kt (102 mph), measurement type not recorded	damage not reported	0, 0	NWS zone COZ040 (DENVER METROPOLITAN AREA), zone-level		B1-c worst recorded: High Wind and Strong Wind
1998-12-18	Cold/Wind Chill		property not reported; \$0 crops (zone total, 1998 dollars)	3, 15	NWS zone COZ040 (DENVER METROPOLITAN AREA), zone-level		deaths or injuries recorded
1986-06-08	Tornado	F2, 0.1 mi path length (whole path, pre-1996), 50 yd wide	\$2,500,000 property; crops not recorded (1986 dollars)	0, 0	location not recorded		B1-c worst recorded: Tornado

The full list is in the Excel file, sheet "B1-d Storm Events history" (1,348 rows).

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

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

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

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

Probability: FEMA annualized frequency and descriptor per hazard

Sources: 5, 6

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Avalanche		events per year					1994 to 2023 (30 years)	see B1-f	Not Applicable in NRI for this county; no descriptor.
Cold Wave	1.61	event-days per year	about 1.61 days per year	Likely	Storm Events event- days in 8 of 30 years, 1996 to 2025 (26.7%)	30.5	2005-11-12 to 2024-11-12 (19 years)	countywide	
Drought	28.8	event-days per year	about 28.8 days per year	Likely	Storm Events event- days in 3 of 30 years, 1996 to 2025 (10%)	1,008	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	
Earthquake	0.000657	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 0.0657%			not shown	modeled	see B1-f	No descriptor (Storm Events does not record earthquakes).
Hail	8.62	events per year	about 8.62 per year	Highly likely	FEMA annualized frequency (modeled)	327.4 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	0.73	event-days per year	about 0.73 days per year	Possible	Storm Events event- days in 2 of 30 years, 1996 to 2025 (6.67%)	10.9	2005-11-12 to 2024-11-12 (19 years)	countywide	
Hurricane		events per year					1851 to 2024 (Atlantic)	see B1-f	Not Applicable in NRI for this county; no descriptor.
Ice Storm	0.026	event-days per year	about 0.026 days per year		Storm Events event- days in 0 of 30 years, 1996 to 2025 (0%)	2	1946-12-31 to 2014-02-12 (67 years)	countywide	No Storm Events ice storm record, 1996 to 2025
Inland Flooding	1.32	event-days per year	about 1.32 days per year	Likely	Storm Events event- days in 19 of 30 years, 1996 to 2025 (63.3%)	37	1996 to 2023 (28 years)	see B1-f	
Landslide	0.151	events per year (modeled)	about 1 in 7 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	51.5	days per year with a strike	about 51.5 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	1.44	events per year	about 1.44 per year	Highly likely	FEMA annualized frequency (modeled)	55	1986 to 2023 (38 years)	countywide	
Tornado	1.06	events per year	about 1.06 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	

Hazard	FEMA annualized frequency (modeled)	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)		NRI period	Location	Note
	<i>unit per row</i>									
Volcanic Activity	0.0001	annual probability	about 1 in 10,000 years	Unlikely	FEMA annualized frequency (modeled)	not shown		modeled	see B1-f	
Wildfire	0.00149	annual probability at a location	chance a given location in the county burns in a year: 0.149%	Possible	Storm Events records in 1 of 30 years, 1996 to 2025 (3.33%)	not shown		modeled	see B1-f	
Winter Weather	12.7	event-days per year	about 12.7 days per year	Highly likely	Storm Events event-days in 30 of 30 years, 1996 to 2025 (100%)	241		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	299	30	9.97
Hail	2.00 in+	1996 to 2025	38	30	1.27
Thunderstorm Wind (counted as NRI Strong Wind)	50-64 kt	1996 to 2025	87	30	2.9
Thunderstorm Wind (counted as NRI Strong Wind)	65 kt+	1996 to 2025	11	30	0.367
Thunderstorm Wind (counted as NRI Strong Wind)	unmeasured or below 50 kt	1996 to 2025	2	30	0.0667
Tornado	EF0-1	1996 to 2025	45	30	1.5
Tornado	EF2-3	1996 to 2025	1	30	0.0333
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	3	30	0.1

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	0 of 161				Not Applicable 161
Cold Wave	161 of 161	17.4	50.0	78.6	Relatively High 2, Relatively Moderate 92, Relatively Low 66, Very Low 1
Drought	22 of 161	66.9	69.8	95.6	Relatively Moderate 1, Relatively Low 4, Very Low 17, No Rating 139
Earthquake	161 of 161	9.3	34.7	72.2	Relatively Low 63, Very Low 98
Hail	161 of 161	76.6	98.2	99.9	Very High 85, Relatively High 73, Relatively Moderate 3
Heat Wave	161 of 161	1.9	6.9	27.5	Relatively Low 7, Very Low 154
Hurricane	0 of 161				Not Applicable 161
Ice Storm	161 of 161	0.1	0.9	2.3	Very Low 161
Inland Flooding	161 of 161	0.6	19.0	84.8	Relatively High 2, Relatively Moderate 20, Relatively Low 69, Very Low 70
Landslide	157 of 161	10.0	44.0	87.6	Relatively Low 2, Very Low 155, No Rating 4
Lightning	161 of 161	3.8	70.9	96.0	Very High 2, Relatively High 50, Relatively Moderate 95, Relatively Low 13, Very Low 1

Hazard	Tracts <i>rated of all</i>	NRI risk score, 0 to 100			Tracts by rating
		Min	Median	Max	
Strong Wind	161 of 161	9.7	53.6	82.0	Relatively Moderate 79, Relatively Low 81, Very Low 1
Tornado	161 of 161	22.2	61.4	96.3	Very High 1, Relatively High 18, Relatively Moderate 116, Relatively Low 25, Very Low 1
Volcanic Activity	161 of 161	40.9	56.9	77.6	Very Low 161
Wildfire	145 of 161	18.5	49.3	96.4	Relatively High 1, Relatively Moderate 6, Relatively Low 25, Very Low 113, No Rating 16
Winter Weather	161 of 161	17.0	51.1	77.2	Relatively Moderate 104, Relatively Low 56, Very Low 1

Drought: Agriculture is all of NRI's expected annual loss for this hazard in the county, so the tract range mostly reflects where crop and livestock value is.

Rated tracts only: No Rating (score 0.0), Not Applicable and Insufficient Data tracts are counted but not used for the minimum, median and maximum.

The score ranks a tract against all U.S. tracts (100 = highest). The rating is FEMA's category for the tract's risk value, computed differently, so the two can disagree.

Frequency data for cold wave, drought, hail, heat wave, ice storm, lightning, strong wind and winter weather are county-wide or coarse (49 km grid or NWS zone), the same for every jurisdiction; the tract range mostly reflects where buildings and people are (crop and livestock value where a line above names agriculture).

Each jurisdiction (starting figures from federal data)

Sources: 1, 3, 4, 6

Jurisdiction	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance to this jurisdiction <i>FEMA records matched by applicant name; federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since its plan</i>	Notes
Arapahoe County	County	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	\$1,910,011.07	0 total; 0 since its plan	
Aurora city	City	Approved, expires 2027-02-10	FMA RL 0, SRL 0; any 3	\$3,468,232.55	8 total; 0 since its plan	Whole community, including the part in Adams County; in-county portion (county table): FMA RL 0, FMA SRL 0, NFIP RL 2, NFIP SRL 0, any category 2.
Bennett town	Town	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	no Public Assistance recorded	4 total; 0 since its plan	
Bow Mar town	Town	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	\$4,575	6 total; 5 since its plan	
Centennial city	City	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	\$151,529.60	0 total; 0 since its plan	
Cherry Hills Village city	Town	Expired on 2026-01-12	FMA RL 0, SRL 0; any 2	\$12,128.80	0 total; 0 since its plan	
Englewood city	City	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	\$880,937.95	20 total; 0 since its plan	
Foxfield town	Town	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	\$5,717.33	0 total; 0 since its plan	
Glendale city	City	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	\$11,800.71	0 total; 0 since its plan	
Greenwood Village city	City	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	\$182,889.85	0 total; 0 since its plan	
Littleton city	City	Expired on 2026-01-12	FMA RL 0, SRL 0; any 1	\$1,534,651.71	32 total; 4 since its plan	
Sheridan city	City	Expired on 2026-01-12	FMA RL 0, SRL 0; any 0	\$5,291.15	7 total; 0 since its plan	

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

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

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

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

Local data needed

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

- 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 2021-01-13 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Avalanche											Not Applicable in NRI for this county
Cold Wave	\$119,555,813,892	\$34,340,948	654,201	\$71,652	\$35,363	\$9,290,285	under 0.0001%		\$0		
Drought	n/a	\$19,156,289	n/a	n/a	\$117,648	n/a	0.614% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$200,860,237,979	n/a	655,070	\$2,669,023	n/a	\$852,384	0.00133%				
Hail	\$119,555,813,892	\$34,340,948	654,201	\$61,945,315	\$120,989	\$1,915,262	0.0518%	\$0			
Heat Wave	\$119,555,813,892	\$34,340,948	654,201	\$216	\$667	\$1,024,274	under 0.0001%				
Hurricane											Not Applicable in NRI for this county
Ice Storm	\$119,555,813,892	n/a	654,201	\$5,423	n/a	\$1,882	under 0.0001%				
Inland Flooding	\$119,454,682,133	\$729,568	4,058	\$61,429,254	\$6,208	\$594,744	n/a (see note)	\$170,000		\$4,058,465.65	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	\$1,143,470,376	n/a	5,207	\$1,638	n/a	\$15	0.000143%				
Lightning	\$119,555,813,892	n/a	654,201	\$67,770	n/a	\$3,959,032	under 0.0001%				
Strong Wind	\$119,555,813,892	\$34,340,948	654,201	\$1,067,733	\$2,777	\$2,647,187	0.000893%	\$6,000	\$0		
Tornado	\$119,555,813,892	\$34,340,948	654,201	\$17,250,067	\$2,103	\$5,106,741	0.0144%	\$0		\$4,058,465.65	

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 2021-01-13 <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
Volcanic Activity	\$119,555,813,892	n/a	654,201	under \$1	n/a	\$155	under 0.0001%				
Wildfire	\$9,793,185,395	\$21,104,963	59,487	\$740,201	\$94	\$61,826	0.00756%		\$750,000		
Winter Weather	\$119,555,813,892	\$34,340,948	654,201	\$133,277	\$5	\$385,504	0.000111%		\$0		

Totals since 2021-01-13 (Storm Events through 2026-06-30): 139 county-coded records, 24 with a damage value recorded (including \$0), \$176,000; 99 zone-level records, 48 with a damage value recorded (including \$0), \$750,000 reported for the zone; Public Assistance: \$4,058,465.65 on 1 counted declaration.

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	654,201
Building value (total, not at risk)	\$119,555,813,892
Agriculture value (total, not at risk)	\$34,340,948
NRI risk rating (all hazards)	Relatively Moderate
Expected annual loss, buildings and agriculture, all hazards	\$145,667,423
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)	\$25,839,289
Social vulnerability rating	Very Low
Community resilience rating	Relatively Moderate
NRI version	December 2025

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

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

Supports FEMA checklist item B2-c: repetitive loss properties

Repetitive loss in this county, both definitions

Sources: 1, 4

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	0	Severe repetitive loss, FMA definition (44 CFR 77.2)	0
Repetitive loss, NFIP insurance definition	6	Severe repetitive loss, NFIP insurance definition	0

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

Repeat-flood properties: county and state-level rows

Sources: 1, 4

Scope	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
County total	0	0	6	0	6	0	4
of which: Aurora city	0	0	2	0	2	0	1
of which: Cherry Hills Village city	0	0	2	0	2	0	2
of which: Littleton city	0	0	1	0	1	0	1
of which: Unknown (community ID Unknown in FEMA data)	0	0	1	0	1	0	0
Statewide, no county in FEMA's file	0	0	8	0	8	0	0

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

Repeat-flood properties by jurisdiction in the plan (NFIP community)

Sources: 1, 4

Jurisdiction	NFIP community ID	RL, FMA properties	SRL, FMA properties	RL, NFIP properties	SRL, NFIP properties	Any category properties	Mitigated properties	Currently insured properties	Note
Arapahoe County	080011	0	0	0	0	0	0	0	
Aurora city	080002	0	0	3	0	3	0	1	Whole community, including the part in Adams County; in-county portion (county table): FMA RL 0, FMA SRL 0, NFIP RL 2, NFIP SRL 0, any category 2.
Bennett town	080003	0	0	0	0	0	0	0	
Bow Mar town	080232	0	0	0	0	0	0	0	
Centennial city	080315	0	0	0	0	0	0	0	
Cherry Hills Village city	080013	0	0	2	0	2	0	2	
Englewood city	085074	0	0	0	0	0	0	0	
Foxfield town	080091	0	0	0	0	0	0	0	
Glendale city	080247	0	0	0	0	0	0	0	
Greenwood Village city	080195	0	0	0	0	0	0	0	
Littleton city	080017	0	0	1	0	1	0	1	
Sheridan city	080018	0	0	0	0	0	0	0	

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

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

County repeat-flood properties by occupancy group

Sources: 1, 4

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	0	0	5	0	5	0	3
2 to 4 unit residential	0	0	0	0	0	0	0
other residential	0	0	1	0	1	0	1
non-residential	0	0	0	0	0	0	0
not reported	0	0	0	0	0	0	0

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

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

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

In this county 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 6 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

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

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3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-29T150754Z, pulled 2026-09-30, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
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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