

Sedgwick County, KS

Risk-assessment baseline packet

Unit **County area 20173** Release **2026-10** As of **2026-09-28** 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.

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

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Plan clock

Status	Approved, expires 2029-08-21	Plan	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)
Approved	2024-08-22	Expires	2029-08-21
As of	2026-09-28	Days	1,058 days to expiry

What changed since your last plan (approved 2024-08-22)

New federal declarations	none (0 declaration rows; 0 counted incidents)	Storm Events records since approval	217 (data through 2026-06-30)
Repetitive loss now	FMA RL 4, SRL 7 (44 CFR 77.2); any definition: 74	Repeat-flood change	First release: no prior release to compare.

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

Plan status for every jurisdiction listed in this county: 33 rows, in the section "Plan clock: Plan status for every jurisdiction listed in this county" after these cover pages.

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

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Plan clock

Plan status for every jurisdiction listed in this county

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry negative = days since expiry	Update underway	Notes
Sedgwick County	County	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-26
Andale city	City	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19
Bel Aire city	City	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19
Bentley city	City	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19
Cheney city	City	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19
Clearwater city	City	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19
Colwich city	City	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19
Derby city	City	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19
Eastborough city	City	Plan 109992 approved 2024-08-22, pending adoption here; not yet eligible	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992), pending adoption here	2024-08-22 by FEMA; not yet adopted here	2029-08-21 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Garden Plain city	City	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19
Goddard city	City	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19
Haysville city	City	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19
Kechi city	City	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19
Maize city	City	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Mount Hope city	City	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19
Mulvane city	City	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-12
Park City city	City	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19
Sedgwick city	City	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-01-24
Valley Center city	City	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19
Viola city	City	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-26
Wichita city	City	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-26
Cheney Unified School District 268	School/School District	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19
Clearwater Unified School District 264	School/School District	Plan 109992 approved 2024-08-22, pending adoption here; not yet eligible	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992), pending adoption here	2024-08-22 by FEMA; not yet adopted here	2029-08-21 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Derby Unified School District 260	School/School District	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19
Goddard Unified School District 265	School/School District	Plan 109992 approved 2024-08-22, pending adoption here; not yet eligible	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992), pending adoption here	2024-08-22 by FEMA; not yet adopted here	2029-08-21 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Haysville Unified School District 261	School/School District	Plan 109992 approved 2024-08-22, pending adoption here; not yet eligible	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992), pending adoption here	2024-08-22 by FEMA; not yet adopted here	2029-08-21 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Maize Unified School District 266	School/School District	Plan 109992 approved 2024-08-22, pending adoption here; not yet eligible	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992), pending adoption here	2024-08-22 by FEMA; not yet adopted here	2029-08-21 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Mulvane Unified School District 263	School/School District	Plan 109992 approved 2024-08-22, pending adoption here; not yet eligible	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992), pending adoption here	2024-08-22 by FEMA; not yet adopted here	2029-08-21 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Renwick Unified School District 267	School/School District	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Valley Center Public Schools Unified School District 262	School/School District	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19
Wichita Unified School District 259	School/School District	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-19
Sedgwick Co. Fire District #1	Fire/EMS District	Approved, expires 2029-08-21	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992)	2024-08-22	2029-08-21	1,058		member approved 2025-03-26
Sedgwick County Electric Coop	Electric/Power Authority	Plan 109992 approved 2024-08-22, pending adoption here; not yet eligible	Region G Multi-Jurisdictional HM Plan (FEMA plan 109992), pending adoption here	2024-08-22 by FEMA; not yet adopted here	2029-08-21 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Plan 109992 lists 320 other participants not on this page, 212 of them not covered by it yet (named in the XLSX file).

SOURCE

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

Supports B1-a: hazards

Hazards NRI does not cover: check locally

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

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

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
1	Inland Flooding	Relatively High	Relatively High	\$100,099,538	\$7,578	\$867,340	\$100,974,456	225		
2	Tornado	Very High	Very High	\$18,108,270	\$8,263	\$34,701,950	\$52,818,481	27		
3	Cold Wave	Very High	Very High	\$1,075	\$521	\$50,850,263	\$50,851,859	6		Includes 2 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
4	Heat Wave	Relatively High	Relatively High	\$142,775	\$8	\$19,257,214	\$19,399,997	17		
5	Hail	Relatively High	Relatively High	\$10,367,067	\$882,016	\$1,130,250	\$12,379,333	1,144		

Rank by EAL	Hazard	NRI risk rating	EAL rating	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL total (see note) <i>modeled dollars per year</i>	Storm Events records since 1996 <i>count</i>	Evidence for an omission <i>NRI Not Applicable, no declaration and no Storm Events record since 1996</i>	Storm Events coverage note
6	Ice Storm	Very High	Very High	\$4,568,624		\$3,504,288	\$8,072,912	4		
7	Lightning	Very High	Very High	\$236,374		\$3,114,255	\$3,350,629	23		
8	Wildfire	Relatively Moderate	Relatively Moderate	\$3,158,410	\$144	\$140,817	\$3,299,371	0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
9	Strong Wind	Relatively High	Relatively High	\$993,359	\$513	\$973,340	\$1,967,212	969		Includes 39 High Wind records and 1 Strong Wind record, event types the NRI definition of this hazard leaves out.
10	Earthquake	Relatively Low	Relatively Low	\$970,258		\$278,681	\$1,248,940			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
11	Winter Weather	Very High	Very High	\$110,643	\$160	\$1,014,680	\$1,125,482	78		Includes 1 Sleet record, event types the NRI definition of this hazard leaves out.
12	Drought	Relatively Low	Relatively Moderate		\$386,537		\$386,537	55		
13	Hurricane	Very Low	Very Low	\$37,507	\$2,775	\$133	\$40,415	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Landslide	Very Low	Very Low	\$723		\$659	\$1,382	0		No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
	Avalanche	Not Applicable	Not Applicable					0	NRI rates avalanche Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Coastal Flooding	Not Applicable	Not Applicable					0	NRI rates coastal flooding Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30).
	Tsunami	Not Applicable	Not Applicable					0	NRI rates tsunami Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
	Volcanic Activity	Not Applicable	Not Applicable					0	NRI rates volcanic activity Not Applicable for this county, and no federal declaration for this county names it.	No recorded events in Storm Events since 1996 (data through 2026-06-30). Storm Events coverage of this hazard is limited; absence is not evidence of low risk.

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

SOURCES

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

Check your state hazard mitigation plan's hazard list for this county; explain any hazard you drop.

Supports B1-b: location

Where each hazard occurs

Hazard	Location	Census tracts rated <i>rated of all tracts</i>
Avalanche	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 135
Coastal Flooding	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 135
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	135 of 135
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	48 of 135
Earthquake	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	135 of 135
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	135 of 135
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	135 of 135
Hurricane	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	135 of 135
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	135 of 135
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.	135 of 135
Landslide	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	131 of 135
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	135 of 135
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	135 of 135
Tornado	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	135 of 135
Tsunami	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 135
Volcanic Activity	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	0 of 135
Wildfire	Census tract rating counts from the National Risk Index tract table (see B1-f). Tract maps and place names are not in this packet.	122 of 135
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	135 of 135

SOURCE

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

Supports B1-c: extent

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

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Avalanche	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Coastal Flood, Storm Surge/ Tide	none in data (FIRM for depth)	0					Flood depth: see the FEMA Flood Insurance Rate Map.
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	4, 2010 to 2021 (4 zone-level)	1 day to 13 days (median 3 days); 4 with a recorded value	13 consecutive days, 2021-02-06 to 2021-02-18, 2 direct deaths, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Wind chill: in event narratives only; local data required.
Frost/Freeze (outside NRI Cold Wave definition)	crop damage	2, 2007 to 2010 (2 zone-level)		No crop damage reported in 2 records.	Frost/Freeze, 2010-11-18, \$15,000 property; \$0 crops, reported for the zone (2010 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	Temperature: in event narratives only; local data required.
Drought	US Drought Monitor D-scale	55, 2011 to 2024 (55 zone-level)	122 days to 518 days (median 231 days); 6 with a recorded value	518 days (17 months), 2022-08-01 to 2023-12-31, a run of 17 consecutive Storm Events drought records, zone-level	Drought, 2011-07-01, property not reported; \$4,000,000 crops, reported for the zone (2011 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	Storm Events enters a drought at D2 or worse east of the Rockies and D3 or worse from the Rockies west (NWS Instruction 10-1605); NRI drought counts D3 and D4 only.
Earthquake	Modified Mercalli (local data)	0					No Storm Events record; local data required (e.g., USGS).
Hail	hail size (inches)	1,397, 1955 to 2026	0.75 in to 7.75 in (median 1 in); 1,395 with a recorded value	7.75 in hail, 2010-09-15	Hail, 2010-09-15, \$150,000,000 property; crops not reported (2010 dollars)	Event records naming member places: Wichita city (263 records), Derby city (93 records), Maize city (71 records), Eastborough city (65 records), Mount Hope city (54 records), Goddard city (52 records), Clearwater city (51 records), Park City city (45 records), Cheney city (39 records), Viola city (39 records); and 7 more member places (see the XLSX file).	
Excessive Heat, Heat	heat index (narratives)	17, 1998 to 2024 (17 zone-level)	1 day to 25 days (median 3 days); 15 with a recorded value	25 consecutive days, 2011-07-15 to 2011-08-08, zone-level		Zone-level records: applies countywide; national data do not locate these events within the county.	Heat index: in event narratives only; local data required.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Hurricane, Tropical Storm, Tropical Depression	Saffir-Simpson	0					Storm Events files every zone of a storm's episode under the storm's event type and category, so a Hurricane (Typhoon) record, especially an inland or remnant one, does not by itself mean hurricane-force winds here; read the damage and wind columns.
Ice Storm	Sperry-Piltz (local data)	4, 2001 to 2017 (4 zone- level)		Ice Storm, 2007-12-11, \$1,900,000 property; \$0 crops, reported for the zone (2007 dollars); NWS zone KSZ083 (SEDGWICK), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Ice thickness: in event narratives only; local data required.
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	225, 1998 to 2026 (4 zone- level)		Flood, 1998-11-01, \$4,000,000 property; crops not reported, reported for the zone (1998 dollars); NWS zone KSZ083 (SEDGWICK), zone-level: may include parts of neighboring counties		Event records naming member places: Wichita city (63 records), Derby city (20 records), Eastborough city (20 records), Maize city (17 records), Clearwater city (14 records), Valley Center city (12 records), Haysville city (10 records), Cheney city (7 records), Goddard city (7 records), Colwich city (6 records); and 7 more member places (see the XLSX file). Zone-level records (4) apply countywide.	Flood depth: see the FEMA Flood Insurance Rate Map. Storm Events damage can be \$0 or blank even for a major flood, so the worst record here may not be the worst flood; compare FEMA Public Assistance by declaration in B1-d.
Debris Flow	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Lightning	annualized frequency (the measure FEMA's Local Mitigation Planning Handbook names)	23, 1996 to 2024		Lightning, 1996-06-04, damage not reported, 2 direct deaths	Lightning, 2006-08-25, \$2,000,000 property; crops not reported (2006 dollars)	Event records naming member places: Wichita city (9 records), Eastborough city (5 records), Goddard city (2 records), Maize city (2 records), Derby city (1 record), Haysville city (1 record), Park City city (1 record).	Storm Events lists lightning with damage or casualties; physical measure in event narratives only; local data required.
High Wind and Strong Wind (outside NRI Strong Wind definition)	wind speed (kt and mph)	40, 1996 to 2026 (40 zone- level)	35 kt (40 mph) to 65 kt (75 mph) (median 52 kt (60 mph)); 40 with a recorded value	65 kt (75 mph) estimated, High Wind, 2001-04-11; NWS zone KSZ083 (SEDGWICK), zone-level: may include parts of neighboring counties	High Wind, 2020-06-10, \$20,000 property; crops not reported, reported for the zone (2020 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Thunderstorm Wind	wind speed (kt and mph)	1,139, 1955 to 2026	43 kt (49 mph) to 100 kt (115 mph) (median 56 kt (64 mph)); 1,071 with a recorded value	100 kt (115 mph), measurement type not recorded, Thunderstorm Wind, 1990-06-19, 26 direct injuries	Thunderstorm Wind, 1994-07-01, \$50,000,000 property; \$50,000 crops (1994 dollars)	Event records naming member places: Wichita city (167 records), Maize city (82 records), Goddard city (60 records), Derby city (58 records), Clearwater city (46 records), Mount Hope city (41 records), Eastborough city (32 records), Valley Center city (32 records), Park City city (30 records), Viola city (30 records); and 8 more member places (see the XLSX file).	
Tornado	Enhanced Fujita (F before Feb 2007)	91, 1950 to 2026	F/EF0 to F/EF5 (median F/EF0); 90 with a recorded value	F5 tornado, 1991-04-26, 24 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 440 yd wide, \$250,000,000 property; crops not recorded (1991 dollars), 4 direct deaths, 75 direct injuries	Tornado, 2012-04-14, \$500,000,000 property; crops not reported (2012 dollars)	Event records naming member places: Wichita city (7 records), Clearwater city (3 records), Garden Plain city (3 records), Goddard city (3 records), Haysville city (3 records), Andale city (2 records), Derby city (2 records), Viola city (2 records), Bentley city (1 record), Cheney city (1 record); and 5 more member places (see the XLSX file).	From 1996 on, tornado records are per-county segments and length is the path length within this county (NWS Instruction 10-1605); records before 1996 may give the whole path length, including the path outside this county, and before 1996 a tornado is listed once, under the county where it began, with the whole path's rating; counties farther along the path may not list it. Length is not used to rank tornadoes.
Tsunami	none (count and damage)	0					Physical measure: in event narratives only; local data required.
Volcanic Ash, Volcanic Ashfall	Volcanic Explosivity Index (local data)	0					Physical measure: in event narratives only; local data required.
Wildfire	acres burned (local data)	0					Acres burned: in event narratives only; local data required.
Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet	none in data (snowfall local)	78, 1996 to 2026 (78 zone-level)		Winter Weather, 2008-12-09, \$1,950,000 property; crops not reported, reported for the zone (2008 dollars); NWS zone KSZ083 (SEDGWICK), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	Snow depth: in event narratives only; local data required.

Where a hazard names more than 10 member places, the table lists the 10 with the most records; every place is in the XLSX file, sheet "B1-c Extent".

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records are placed with NWS zone-county files, which exist from 2020 on; an earlier record is placed by its zone number in the nearest later file only when its zone name matches that file, records from zones NWS renumbered are placed by name or left out, and a record whose zone is in no known file is left out of every count, so counts before 2020 can be low. Some current zones are also missing from the NWS files, so recent counts can be low too.

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

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>

Supports B1-d: previous occurrences

Declaration rows 18 Counted incidents 13

Federal disaster declarations for this county

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance <i>federal share obligated, nominal dollars</i>	Flags	Notes
2020-03-29	2020-01-20	DR-4504-KS	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$52,740,567.65		
2020-03-13	2020-01-20	EM-3481-KS	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4504
2016-10-20	2016-09-02	DR-4287-KS	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$1,183,112.40		
2012-05-24	2012-04-14	DR-4063-KS	Major disaster	SEVERE STORMS, TORNADOES, STRAIGHT-LINE WINDS, AND FLOODING	Inland Flooding; Strong Wind; Tornado	\$1,687,609.74		
2009-09-30	2009-07-08	DR-1860-KS	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$1,332,606.41		
2008-02-01	2007-12-06	DR-1741-KS	Major disaster	SEVERE WINTER STORMS	Winter Weather	\$473,262.58		
2007-12-12	2007-12-06	EM-3282-KS	Emergency	SEVERE WINTER STORMS	Winter Weather	none found		same incident as DR-1741
2005-09-10	2005-09-01	EM-3236-KS	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	\$61,270.39		
2005-02-08	2005-01-04	DR-1579-KS	Major disaster	SEVERE WINTER STORMS, HEAVY RAINS, AND FLOODING	Inland Flooding; Winter Weather	\$7,228,404.32		
2002-02-06	2002-01-29	DR-1402-KS	Major disaster	SEVERE WINTER ICE STORM	Ice Storm	\$16,811.63		FEMA's declaration record does not list Public Assistance, but FEMA's PA project summaries show obligations for this county
1999-05-04	1999-05-03	DR-1273-KS	Major disaster	SEVERE STORMS AND TORNADOES	Tornado	\$2,270,985.74		
1998-11-05	1998-10-30	DR-1258-KS	Major disaster	KS-FLOODING 10/31/98	Inland Flooding	none found		
1998-06-09	1998-06-08	EM-3126-KS	Emergency	DEBRUCE GRAIN ELEVATOR EXPLOSION (SEDGWICK CTY)	Non-natural, not counted	none found		
1993-07-22	1993-06-28	DR-1000-KS	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	PA not declared for this county		
1991-04-29	1991-04-26	DR-903-KS	Major disaster	SEVERE STORMS & TORNADOES	Tornado	none found		
1973-09-28	1973-09-28	DR-403-KS	Major disaster	SEVERE STORMS, TORNADOES & FLOODING	Inland Flooding; Tornado	none found		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
1973-05-02	1973-05-02	DR-378-KS	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1965-06-23	1965-06-23	DR-201-KS	Major disaster	FLOODING	Inland Flooding	none found		

School districts and special districts in this county: \$18,861.49 (included in the county total above). Public Assistance matched by applicant name to the school districts and special districts FEMA lists as plan members in this county. They are not shown as member blocks, so their total is listed here. These dollars are already included in the county PA column of the declarations table (the FEMA record places each applicant in this county); do not add this line to the county total.

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

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

SOURCES

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

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

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

Statewide declarations

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	Flags	Notes
1982-06-28	1982-06-28	DR-663-KS	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding		
1958-11-06	1958-11-06	DR-88-KS	Major disaster	FLOODS	Inland Flooding		
1957-09-05	1957-09-05	DR-81-KS	Major disaster	FLOODS	Inland Flooding		
1955-05-27	1955-05-27	DR-34-KS	Major disaster	TORNADO	Tornado		

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

SOURCE

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

Public Assistance filed under this county for declarations that do not list it: 5 rows, \$74,914.86

FEMA number	Declared	Title	Applicant	PA obligated
				<i>federal share obligated, nominal dollars</i>
DR-4230-KS	2015-07-20	SEVERE STORMS, TORNADOES, STRAIGHT-LINE WINDS, AND FLOODING	GORE (TOWNSHIP OF)	\$16,443.05
DR-1849-KS	2009-06-25	SEVERE STORMS, FLOODING, STRAIGHT-LINE WINDS, AND TORNADOES	Illinois, Township of (Sedgwick County)	\$15,785.06
DR-1808-KS	2008-10-31	SEVERE STORMS, FLOODING, AND TORNADOES	Illinois, Township of (Sedgwick County)	\$23,282.09
DR-1711-KS	2007-07-02	SEVERE STORMS AND FLOODING	Grouse-Silver Creek Watershed Joint District # 92	\$4,434.48
DR-1699-KS	2007-05-06	SEVERE STORMS, TORNADOES, AND FLOODING	Illinois, Township of (Sedgwick County)	\$14,970.18

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.

SOURCES

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

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

Public Assistance not placed in a county in this state: 4 rows, \$183,565.84

Disaster number	Declared	Applicant	County field in FEMA data	PA obligated <i>federal share obligated, nominal dollars</i>	Why not placed
4504	2020-03-29	Mercy Health Southwest Missouri Kansas Communities	Jasper County	\$16,404.82	county field is a county of another state and the applicant name does not identify a place in the declaring state
4449	2019-06-20	Blackwell Industrial Authority	Kay County	\$141,084.67	county field is a county of another state and the applicant name does not identify a place in the declaring state
1675	2007-01-07	Harlan, Township of	Red Willow County	\$24,861.35	county field is a county of another state and the applicant name does not identify a place in the declaring state
1626	2006-01-26	Harlan, Township of	Red Willow County	\$1,215	county field is a county of another state and the applicant name does not identify a place in the declaring state

FEMA's Public Assistance summaries file these applicants under a county field that is not a county of this state (an Alaska school area, the former Valdez-Cordova Census Area, or another state's county), and the applicant name does not identify one place here. They are listed for the whole state and are not in any county total. Check whether any of them worked in your county.

SOURCE

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

Previous occurrences by hazard, with explicit no-event rows

Hazard	Storm Events records <i>full period</i>	Since plan approval records	During plan review records	Last 5 years records	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Avalanche	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Coastal Flooding	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	6	0	0	0	0	0	1996 to 2026-06-30	Includes 2 Frost/Freeze records, event types the NRI definition of this hazard leaves out.
Drought	55	0	8	21	0	0	1996 to 2026-06-30	
Earthquake	0	0	0	0	0	0		No Storm Events record; local data required (e.g., USGS).
Hail	1,397	82	14	127	0	0	1955 to 2026-06-30	
Heat Wave	17	1	0	1	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	4	0	0	0	1	0	1996 to 2026-06-30	
Inland Flooding	225	5	7	25	9	0	1996 to 2026-06-30	
Landslide	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events

Hazard	Storm Events records <i>full period</i>	Since plan approval <i>records</i>	During plan review <i>records</i>	Last 5 years <i>records</i>	Declared incidents <i>distinct incidents</i>	Declared since approval <i>distinct incidents</i>	Period	Statement
Lightning	23	0	1	2	0	0	1996 to 2026-06-30	
Strong Wind	1,179	122	41	230	1	0	1955 to 2026-06-30	Includes 39 High Wind records and 1 Strong Wind record, event types the NRI definition of this hazard leaves out.
Tornado	91	2	0	3	4	0	1950 to 2026-06-30	
Tsunami	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
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	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Winter Weather	78	5	4	16	2	0	1996 to 2026-06-30	Includes 1 Sleet record, event types the NRI definition of this hazard leaves out.

SOURCES

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

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

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

Notable Storm Events records

Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>	Direct deaths, injuries <i>indirect not counted</i>	Location	Flags	Why listed
2021-02-06	Extreme Cold/ Wind Chill		\$0 property; \$0 crops, reported for the zone (2021 dollars)	2, 0	NWS zone KSZ083 (SEDGWICK), zone-level: may include parts of neighboring counties		B1-c worst recorded: Cold/Wind Chill, Extreme Cold/Wind Chill
2011-07-15	Excessive Heat		damage not reported	0, 0	NWS zone KSZ083 (SEDGWICK), zone-level: may include parts of neighboring counties		B1-c worst recorded: Excessive Heat, Heat
2010-09-15	Hail	7.75 in	\$20,000 property; crops not reported (2010 dollars)	0, 0	(ICT)WICHITA ARPT		B1-c worst recorded: Hail
2008-12-09	Winter Weather		\$1,950,000 property; crops not reported, reported for the zone (2008 dollars)	0, 0	NWS zone KSZ083 (SEDGWICK), zone-level: may include parts of neighboring counties		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2007-12-11	Ice Storm		\$1,900,000 property; \$0 crops, reported for the zone (2007 dollars)	0, 0	NWS zone KSZ083 (SEDGWICK), zone-level: may include parts of neighboring counties		B1-c worst recorded: Ice Storm
2006-07-16	Heat		damage not reported	3, 0	NWS zone KSZ083 (SEDGWICK), zone-level: may include parts of neighboring counties		deaths or injuries recorded

				Direct deaths, injuries <i>indirect not counted</i>			
Date	Event type	Magnitude or extent	Damage <i>nominal dollars</i>		Location	Flags	Why listed
2001-04-11	High Wind	65 kt (75 mph) estimated	damage not reported	0, 0	NWS zone KSZ083 (SEDGWICK), zone-level: may include parts of neighboring counties		B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
1999-05-03	Tornado	F4, 14 mi within this county, 880 yd wide	\$140,000,000 property; crops not reported (1999 dollars)	6, 150	PECK to WICHITA		deaths or injuries recorded
1998-11-01	Flood		\$4,000,000 property; crops not reported, reported for the zone (1998 dollars)	0, 0	NWS zone KSZ083 (SEDGWICK), zone-level: may include parts of neighboring counties		B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
1996-06-04	Lightning		damage not reported	2, 0	WICHITA		B1-c worst recorded: Lightning
1991-04-26	Tornado	F5, 24 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 440 yd wide	\$250,000,000 property; crops not recorded (1991 dollars)	4, 75	location not recorded		deaths or injuries recorded
1990-06-19	Thunderstorm Wind	100 kt (115 mph), measurement type not recorded	damage not recorded (pre-1996 record)	0, 26	location not recorded		B1-c worst recorded: Thunderstorm Wind

The full list is in the XLSX file, sheet "B1-d Storm Events history" (3,075 rows).

Storm Events records are more complete after 1996; before 1996 only Tornado (from 1950), Hail and Thunderstorm Wind (from 1955) exist. Zone-level records are placed with NWS zone-county files, which exist from 2020 on; an earlier record is placed by its zone number in the nearest later file only when its zone name matches that file, records from zones NWS renumbered are placed by name or left out, and a record whose zone is in no known file is left out of every count, so counts before 2020 can be low. Some current zones are also missing from the NWS files, so recent counts can be low too.

SOURCES

NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)

State-declared emergencies are not in federal data. Add them from your state emergency management agency.

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

Supports B1-e: probability

Probability: FEMA annualized frequency and descriptor per hazard

		FEMA annualized frequency (modeled) <i>unit per row</i>			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
Hazard		Unit	In plain terms	Descriptor					
Avalanche		events per year					1994 to 2023 (30 years)	see B1-f	Not Applicable in NRI for this county; no descriptor.
Coastal Flooding		events per year at a location (modeled)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Cold Wave	1.58	event-days per year	about 1.58 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	30	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 1.58 cold wave event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 3 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together. Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	40.3	event-days per year	about 40.3 days per year	Likely	event-days in 8 of 30 years, 1996 to 2025 (26.7%)	1,526	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	NRI gives about 40.3 drought event-days a year here (its annualized frequency over 25.25 years; not its event count divided by the years), but Storm Events has a record in only 8 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together.
Earthquake	0.000809	annual probability at a location	chance a given location in the county has at least minor- damage shaking in a year: 0.0809%			not shown	modeled	see B1-f	Descriptor not assigned: the NRI value is the chance at a location in the county, not how often the hazard affects the county, and Storm Events does not record earthquakes.
Hail	10.2	events per year	about 10.2 per year	Highly likely	FEMA annualized frequency (modeled)	388.7 (modeled)	1986 to 2023 (38 years)	countywide	
Heat Wave	13.9	event-days per year	about 13.9 days per year	Likely	event-days in 6 of 30 years, 1996 to 2025 (20%)	173	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 13.9 heat wave event-days a year here (its annualized frequency over 19 years; not its event count divided by the years), but Storm Events has a record in only 6 of 30 years. NRI counts from a different source that records far more events than Storm Events, so this descriptor reads much lower than NRI's frequency; read the two together.
Hurricane	0.00612	events per year	about 1 in 163 years	Unlikely	FEMA annualized frequency (modeled)	2	1851 to 2024 (Atlantic)	see B1-f	NRI counts hurricane and tropical storm tracks passing within storm-force wind range; federal declarations are counted separately in B1-d and need not match.
Ice Storm	0.723	event-days per year	about 0.723 days per year	Likely	event-days in 4 of 30 years, 1996 to 2025 (13.3%)	49	1946-12-31 to 2014-02-12 (67 years)	countywide	
Inland Flooding	3.61	event-days per year	about 3.61 days per year	Highly likely	event-days in 27 of 30 years, 1996 to 2025 (90%)	101	1996 to 2023 (28 years)	see B1-f	

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Landslide	0.129	events per year (modeled)	about 1 in 8 years	Likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	49.5	days per year with a strike	about 49.5 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	7.1	events per year	about 7.1 per year	Highly likely	FEMA annualized frequency (modeled)	270	1986 to 2023 (38 years)	countywide	
Tornado	1.02	events per year	about 1.02 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1950 to 2023 (EF2+); 1986 to 2023 (EF0-1)	see B1-f	
Tsunami		annual probability at the most exposed location (used in place of a county value)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Volcanic Activity		annual probability				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Wildfire	0.000962	annual probability at a location	chance a given location in the county burns in a year: 0.0962%		Storm Events records in 0 of 30 years, 1996 to 2025 (0%)	not shown	modeled	see B1-f	No Storm Events record of this hazard, 1996 to 2025; descriptor not assigned (the NRI value is the chance at a location in the county, not how often the hazard affects the county)
Winter Weather	10.8	event-days per year	about 10.8 days per year	Likely	event-days in 26 of 30 years, 1996 to 2025 (86.7%)	206	2005-11-12 to 2024-11-12 (19 years)	countywide	

FEMA annualized frequency (modeled) comes from the National Risk Index v1.20 (December 2025). It is not recorded events divided by years, and what it measures depends on the hazard. For most hazards it estimates how often the hazard affects this county each year: it counts events or event-days (drought, heat wave, cold wave, winter weather, ice storm and inland flooding are in days per year; lightning is the number of days per year with a recorded cloud-to-ground strike, from the NOAA Storm Prediction Center daily lightning climatology); it may count events in the surrounding area (hail, strong wind, tornado, hurricane and ice storm use a 49 km grid and buffers) and is averaged over the county's area; and some hazards use a minimum value for places with no recorded event. Earthquake, wildfire and coastal flooding are different: FEMA computes them for each census block and averages them over the county, so the value is the chance (for coastal flooding, the modeled number of floods per year) at a location in the county, which is lower than the chance that the hazard strikes somewhere in the county. Earthquake is the chance of at least minor-damage shaking (U.S. Geological Survey model); wildfire is the chance that a location burns in a large fire (U.S. Forest Service burn probability); coastal flooding comes from FEMA flood zones and NOAA high-tide flooding, so it can be above 1 where high-tide flooding is frequent. Tsunami is the value at the county's most exposed location, from recorded events and modeled return periods. For these four hazards the packet gives no "1 in N years" and takes the descriptor from Storm Events (none for earthquake) unless the value is 1 or more a year. Landslide is a U.S. Geological Survey modeled county rate spread by slope susceptibility. Volcanic activity is the chance that a volcano affecting the county erupts in a year. Drought counts only extreme and exceptional drought (D3 and D4). Source: FEMA, National Risk Index Technical Documentation v1.20, sections 5.2.2 (Table 5), 5.2.3, 7.4, 10.4, 16.5, 17.1, 17.3.1, 17.5, 20.3.1, 21.4, 22.4 and 6 to 23.

SOURCES

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

Descriptor scale used in this packet (defined per unit)

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

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

Intensity bands: historical frequency (Storm Events)

Hazard	Band	Years	Events <i>county-coded records</i>	Years in period	Events per year <i>events / years</i>
Hail	1.00-1.99 in	1996 to 2025	687	30	22.9
Hail	2.00 in+	1996 to 2025	59	30	1.97
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	768	30	25.6
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	118	30	3.93
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	5	30	0.167
Tornado	EF0-1	1996 to 2025	20	30	0.667
Tornado	EF2-3	1996 to 2025	4	30	0.133
Tornado	EF4-5	1996 to 2025	1	30	0.0333
Tornado	unrated (EFU)	1996 to 2025	0	30	0

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

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

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

Supports B1-f: variation across the planning area

Range of census tract risk within the county

Hazard	Tracts rated of all	Risk score min NRI score, 0 to 100	Median	Max	Tracts by rating	Note
Avalanche	0 of 135				Not Applicable 135	
Coastal Flooding	0 of 135				Not Applicable 135	
Cold Wave	135 of 135	72.6	91.5	98.4	Very High 27, Relatively High 103, Relatively Moderate 5	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Drought	48 of 135	66.9	76.1	93.9	Relatively Moderate 6, Relatively Low 13, Very Low 29, No Rating 87	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. Agriculture is all of NRI's expected annual loss for this hazard in the county, so the tract range above mostly reflects where crop and livestock value is, not where buildings and people are. Confirm locally.
Earthquake	135 of 135	5.8	20.6	69.0	Relatively Low 9, Very Low 126	
Hail	135 of 135	71.5	86.6	98.5	Very High 1, Relatively High 48, Relatively Moderate 86	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Heat Wave	135 of 135	57.5	84.8	95.2	Relatively High 72, Relatively Moderate 63	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Hurricane	135 of 135	18.2	24.3	36.3	Very Low 135	
Ice Storm	135 of 135	83.2	93.9	98.9	Very High 8, Relatively High 102, Relatively Moderate 25	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Inland Flooding	135 of 135	2.6	52.9	98.1	Very High 1, Relatively High 23, Relatively Moderate 50, Relatively Low 46, Very Low 15	
Landslide	131 of 135	11.7	42.8	84.0	Relatively Low 2, Very Low 129, No Rating 4	
Lightning	135 of 135	40.8	71.8	93.2	Relatively High 44, Relatively Moderate 84, Relatively Low 7	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Strong Wind	135 of 135	22.0	42.4	73.8	Relatively Moderate 26, Relatively Low 109	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.
Tornado	135 of 135	65.1	89.0	99.1	Very High 37, Relatively High 85, Relatively Moderate 13	
Tsunami	0 of 135				Not Applicable 135	
Volcanic Activity	0 of 135				Not Applicable 135	
Wildfire	122 of 135	18.6	63.8	98.4	Relatively High 4, Relatively Moderate 19, Relatively Low 32, Very Low 67, No Rating 13	
Winter Weather	135 of 135	52.2	76.5	91.5	Relatively High 56, Relatively Moderate 79	National data give a county-wide or coarse (49 km grid or NWS zone) frequency for this hazard, so they cannot show members' hazard differing. The tract range above mostly reflects where buildings and people are. Confirm locally.

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

SOURCE

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

Per-member block (Starter, confirm locally)

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Sedgwick County	County	Approved, expires 2029-08-21	FMA RL 0, SRL 0; any 23	\$1,782,031.24	0; 0	Includes \$677,351.17 for declarations not counted as hazard incidents (DR-4504-KS, EM-3236-KS).
Andale city	City	Approved, expires 2029-08-21	FMA RL 0, SRL 0; any 0	\$3,189.39	60; 6	
Bel Aire city	City	Approved, expires 2029-08-21	FMA RL 0, SRL 0; any 0	\$55,647.92	0; 0	
Bentley city	City	Approved, expires 2029-08-21	FMA RL 0, SRL 0; any 0	\$25,191.46	44; 2	
Cheney city	City	Approved, expires 2029-08-21	FMA RL 0, SRL 0; any 0	\$36,920.43	60; 0	
Clearwater city	City	Approved, expires 2029-08-21	FMA RL 0, SRL 0; any 0	\$3,554.34	114; 11	
Colwich city	City	Approved, expires 2029-08-21	FMA RL 0, SRL 0; any 0	\$17,810.62	56; 5	
Derby city	City	Approved, expires 2029-08-21	FMA RL 0, SRL 1; any 1	\$430,093.59	174; 15	Includes \$176,383.99 for declarations not counted as hazard incidents (DR-4504-KS).
Eastborough city	City	Plan 109992 approved 2024-08-22, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 0	\$8,703.08	123; no approved plan	
Garden Plain city	City	Approved, expires 2029-08-21	FMA RL 0, SRL 0; any 0	\$25,830.69	37; 4	
Goddard city	City	Approved, expires 2029-08-21	FMA RL 0, SRL 0; any 0	\$57,971.03	124; 5	
Haysville city	City	Approved, expires 2029-08-21	FMA RL 0, SRL 0; any 0	\$548,183.36	72; 3	
Kechi city	City	Approved, expires 2029-08-21	FMA RL 0, SRL 0; any 0	\$24,777.27	22; 3	
Maize city	City	Approved, expires 2029-08-21	FMA RL 0, SRL 0; any 1	none found	172; 25	
Mount Hope city	City	Approved, expires 2029-08-21	FMA RL 0, SRL 0; any 0	\$414,675.67	98; 11	

Member	Type	Plan status	Repetitive loss <i>FMA RL and SRL (44 CFR 77.2); repeat-flood, any definition</i>	Public Assistance matched <i>federal share obligated, nominal dollars</i>	Event records naming this place <i>all years; since the member's plan</i>	Notes
Mulvane city	City	Approved, expires 2029-08-21	FMA RL 0, SRL 1; any 14	\$430,927.68	1; 0	Whole community, including the part in Sumner County; in-county portion (county table): FMA RL 0, FMA SRL 1, NFIP RL 7, NFIP SRL 1, any category 7.
Park City city	City	Approved, expires 2029-08-21	FMA RL 0, SRL 0; any 0	none found	82; 10	
Sedgwick city	City	Approved, expires 2029-08-21	FMA RL 0, SRL 0; any 3	none found	0; 0	Whole community, including the part in Harvey County; none of its repeat-flood properties are in this county.
Valley Center city	City	Approved, expires 2029-08-21	FMA RL 0, SRL 0; any 1	none found	77; 7	
Viola city	City	Approved, expires 2029-08-21	FMA RL 0, SRL 0; any 0	none found	77; 3	
Wichita city	City	Approved, expires 2029-08-21	FMA RL 4, SRL 5; any 40	\$9,153,285.05	509; 22	Includes \$598,080.82 for declarations not counted as hazard incidents (DR-4504-KS, EM-3236-KS).

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

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

SOURCES

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

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

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

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

Supports B2-a and B2-b: assets and impacts

Local data required

County-level starter. The plan must describe impacts for each participant and its own assets.

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

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

Hazard	Building exposure <i>modeled dollars</i>	Agriculture exposure <i>modeled dollars</i>	Population exposed <i>people</i>	EAL buildings <i>modeled dollars per year</i>	EAL agriculture <i>modeled dollars per year</i>	EAL population equivalence <i>statistical value of life and injury, \$13.7M per life, not property damage</i>	EAL as % of exposure <i>buildings; agriculture where noted</i>	Storm Events damage since 2024-08-22 <i>county-coded records, property plus crops, nominal dollars</i>	Zone-level damage since plan <i>property plus crops, reported for the zone</i>	Public Assistance since plan <i>nominal dollars; see note</i>	Note
Avalanche											Not Applicable in NRI for this county
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$109,935,004,488	\$153,043,591	523,609	\$1,075	\$521	\$50,850,263	under 0.0001%				
Drought		\$101,453,499			\$386,537		0.381% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$197,250,105,318		523,824	\$970,258		\$278,681	0.000492%				
Hail	\$109,935,004,488	\$153,043,591	523,609	\$10,367,067	\$882,016	\$1,130,250	0.00943%	\$0			
Heat Wave	\$109,935,004,488	\$153,043,591	523,609	\$142,775	\$8	\$19,257,214	0.00013%		\$0		
Hurricane	\$109,746,927,540	\$151,452,669	522,053	\$37,507	\$2,775	\$133	under 0.0001%				
Ice Storm	\$109,933,053,423		523,584	\$4,568,624		\$3,504,288	0.00416%				
Inland Flooding	\$109,885,062,512	\$25,665,698	12,722	\$100,099,538	\$7,578	\$867,340	n/a (see note)	\$0			NRI counts the full building value of any census block with some flood loss; this is not the value of buildings in the floodplain. Use local FIRM overlays for B2-a/B2-b. EAL as % of exposure: n/a.
Landslide	\$354,242,899		1,386	\$723		\$659	0.000204%				
Lightning	\$109,935,004,488		523,609	\$236,374		\$3,114,255	0.000215%				
Strong Wind	\$109,935,004,488	\$153,043,591	523,609	\$993,359	\$513	\$973,340	0.000904%	\$10,000	\$0		
Tornado	\$109,935,004,488	\$153,043,591	523,609	\$18,108,270	\$8,263	\$34,701,950	0.0165%	\$0			
Tsunami											Not Applicable in NRI for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$15,001,968,626	\$31,574,890	71,743	\$3,158,410	\$144	\$140,817	0.0211%				
Winter Weather	\$109,935,004,488	\$153,043,591	523,609	\$110,643	\$160	\$1,014,680	0.000101%		\$0		

Totals since 2024-08-22 (Storm Events through 2026-06-30): 206 county-coded records, 197 with a damage value recorded (including \$0), \$10,000; 11 zone-level records, 11 with a damage value recorded (including \$0), \$0 reported for the zone; Public Assistance on counted declarations none found (0 declarations, 0 with PA).

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

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

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

SOURCES

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

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

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

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

FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)

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

Supports B2-a: context

County context

Measure	Value
Population	523,609
Building value (total, not at risk)	\$109,935,004,488
Agriculture value (total, not at risk)	\$153,043,591
NRI risk rating (all hazards)	Relatively High
Expected annual loss, buildings and agriculture, all hazards	\$140,083,137
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)	\$115,833,870
Social vulnerability rating	Relatively Low
Community resilience rating	Relatively High
NRI version	December 2025

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

SOURCE

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

Supports B2-c: repetitive loss

Repetitive loss in this county, both definitions

Definition	Properties	Severe repetitive loss	Properties
Repetitive loss, FMA definition (44 CFR 77.2)	4	Severe repetitive loss, FMA definition (44 CFR 77.2)	7
Repetitive loss, NFIP insurance definition	74	Severe repetitive loss, NFIP insurance definition	7

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

SOURCES

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

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

Repeat-flood properties: county and state-level rows

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	4	7	74	7	74	0	18
SEDGWICK COUNTY*	0	0	23	0	23	0	4
DERBY, CITY OF	0	1	1	1	1	0	0
MULVANE, CITY OF	0	1	7	1	7	0	1
VALLEY CENTER, CITY OF	0	0	1	0	1	0	0
WICHITA, CITY OF	4	5	40	5	40	0	12
MAIZE, CITY OF	0	0	1	0	1	0	1
Unknown (community ID Unknown in FEMA data)	0	0	1	0	1	0	0
State level, not in this county: county not reported	0	0	1	0	1	0	0

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

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Sedgwick County	200321	0	0	23	0	23	0	4	
Andale city	200322	0	0	0	0	0	0	0	
Bel Aire city	200864	0	0	0	0	0	0	0	
Bentley city	200390	0	0	0	0	0	0	0	
Cheney city	200478	0	0	0	0	0	0	0	
Clearwater city	200482	0	0	0	0	0	0	0	
Colwich city	200484	0	0	0	0	0	0	0	
Derby city	200323	0	1	1	1	1	0	0	
Eastborough city	200491	0	0	0	0	0	0	0	
Garden Plain city	200498	0	0	0	0	0	0	0	
Goddard city	200500	0	0	0	0	0	0	0	
Haysville city	200324	0	0	0	0	0	0	0	
Kechi city	200429	0	0	0	0	0	0	0	
Maize city	200520	0	0	1	0	1	0	1	
Mount Hope city	200325	0	0	0	0	0	0	0	

Member	NFIP community ID	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>	Note
Mulvane city	200326	0	1	14	1	14	0	4	Whole community, including the part in Sumner County; in-county portion (county table): FMA RL 0, FMA SRL 1, NFIP RL 7, NFIP SRL 1, any category 7.
Park City city	200963	0	0	0	0	0	0	0	
Sedgwick city	200134	0	0	3	0	3	0	0	Whole community, including the part in Harvey County; none of its repeat-flood properties are in this county.
Valley Center city	200327	0	0	1	0	1	0	0	
Viola city	200870	0	0	0	0	0	0	0	
Wichita city	200328	4	5	40	5	40	0	12	

Per-member types: XLSX sheet 'B2-c Members'.

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

SOURCES

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

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

County repeat-flood properties by occupancy group

Occupancy group	RL, FMA <i>properties</i>	SRL, FMA <i>properties</i>	RL, NFIP <i>properties</i>	SRL, NFIP <i>properties</i>	Any category <i>properties</i>	Mitigated <i>properties</i>	Currently insured <i>properties</i>
single-family residential	2	4	69	4	69	0	18
2 to 4 unit residential	0	0	0	0	0	0	0
other residential	1	2	3	2	3	0	0
non-residential	1	1	2	1	2	0	0
not reported	0	0	0	0	0	0	0

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

SOURCES

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

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

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

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

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

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

In this county 0 properties are FMA repetitive loss but not NFIP repetitive loss, and 70 properties are NFIP repetitive loss but not FMA repetitive loss.

Exact counts; no count suppression.

Sources

Every table above lists its own sources. The full list, for the plan's bibliography (FEMA review item A4-a):

1. FEMA, OpenFEMA HazardMitigationPlanStatuses v1, version 2026-09-26T121003Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/HazardMitigationPlanStatuses> (API)
 2. FEMA, OpenFEMA DisasterDeclarationsSummaries v2, version 2026-09-27T010817Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v2/DisasterDeclarationsSummaries> (API)
 3. FEMA, OpenFEMA PublicAssistanceFundedProjectsSummaries v1, version 2026-09-26T151157Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/PublicAssistanceFundedProjectsSummaries> (API)
 4. FEMA, OpenFEMA NfipMultipleLossProperties v1, version 2026-08-04T164045Z, pulled 2026-09-28, <https://www.fema.gov/api/open/v1/NfipMultipleLossProperties> (API)
 5. FEMA, FEMA National Risk Index 1.20.0 (December 2025), county and census tract tables, version 1.20.0, pulled 2026-09-28, https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_Counties.zip (download, 25 MB), https://www.fema.gov/about/reports-and-data/openfema/nri/v120/NRI_Table_CensusTracts.zip (download, 635 MB)
 6. NOAA NCEI, NOAA NCEI Storm Events Database, details files (csvfiles v1.0), version c20260918, pulled 2026-09-28, <https://www.ncei.noaa.gov/pub/data/swdi/stormevents/csvfiles/>
 7. NOAA National Weather Service, NWS county-public forecast zones correlation file, version bp03mr20 to bp16ap26 (11 files; newest bp16ap26), pulled 2026-09-28, <https://www.weather.gov/gis/ZoneCounty>
 8. U.S. Census Bureau, Census 2024 Gazetteer, 2020 place by county, CT county-to-cousub crosswalk, version 2024-gazetteer, pulled 2026-09-28, https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gazetteer/2024_Gaz_counties_national.zip, [https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_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_scscd_national.zip](https://www2.census.gov/geo/docs/maps-data/data/gazetteer/2024_Gaz_scscd_national.zip), https://www2.census.gov/geo/docs/reference/codes2020/national_place_by_county2020.txt, https://www2.census.gov/geo/docs/reference/ct_change/ct_cou_to_cousub_crosswalk.xlsx
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Corrections: to report an error, name the packet, the table and what your records show. Contact: to be added

Hazard Plain release 2026-10. As of 2026-09-28; Storm Events data through 2026-06-30. File hazard-plain_2026-10_KS_20173. Preview: automated baseline.