

Maricopa County, AZ

Risk-assessment baseline packet

Unit **County area 04013** 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 2027-05-10	Plan	Maricopa County (FEMA plan 107585)
Approved	2022-05-11	Expires	2027-05-10
As of	2026-09-28	Days	224 days to expiry
Update underway	none in FEMA's plan tracker		

What changed since your last plan (approved 2022-05-11)

New federal declarations	FM-5466-AZ, FM-5496-AZ, FM-5501-AZ (3 declaration rows; 3 counted incidents)	Storm Events records since approval	759 (data through 2026-06-30)
Repetitive loss now	FMA RL 2, SRL 7 (44 CFR 77.2); any definition: 104	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: 26 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 <i>negative = days since expiry</i>	Update underway	Notes
Maricopa County	County	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Avondale city	City	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Buckeye city	City	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Carefree town	Town	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Cave Creek town	Town	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Chandler city	City	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
El Mirage city	City	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Fountain Hills town	Town	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Gila Bend town	Town	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Gilbert town	Town	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Glendale city	City	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Goodyear city	City	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Guadalupe town	Town	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Litchfield Park city	City	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Mesa city	City	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Paradise Valley town	Town	Plan 107585 approved 2022-05-11, pending adoption here; not yet eligible	Maricopa County (FEMA plan 107585), pending adoption here	2022-05-11 by FEMA; not yet adopted here	2027-05-10 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.
Peoria city	City	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Phoenix city	City	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Queen Creek town	Town	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Scottsdale city	City	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Surprise city	City	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Tempe city	City	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		

Jurisdiction	Type	Status	Plan	Approved	Expires	Days to expiry <i>negative = days since expiry</i>	Update underway	Notes
Tolleson city	City	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Wickenburg town	Town	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Youngtown town	Town	Approved, expires 2027-05-10	Maricopa County (FEMA plan 107585)	2022-05-11	2027-05-10	224		
Salt River Project	Water/Sewer Authority	Plan 107585 approved 2022-05-11, pending adoption here; not yet eligible	Maricopa County (FEMA plan 107585), pending adoption here	2022-05-11 by FEMA; not yet adopted here	2027-05-10 once adopted		FEMA tracker shows a plan approvable pending adoption	Not yet eligible: adopt the approved plan.

Plan 107585 also covers 2 other participants not listed on this page: Fort McDowell Yavapai Nation, Arizona; Salt River Pima-Maricopa Indian Community of the Salt River Reservation, Arizona.

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	Very High	Very High	\$1,106,425,058	\$103,835	\$12,972,641	\$1,119,501,534	661		
2	Heat Wave	Very High	Very High	\$38,177	\$956,137	\$956,992,469	\$957,986,784	387		
3	Wildfire	Relatively High	Relatively High	\$40,323,983	\$3,844	\$1,860,626	\$42,188,453	6		
4	Earthquake	Relatively Moderate	Relatively High	\$22,473,406		\$8,250,984	\$30,724,390			Not in Storm Events. Storm Events coverage of this hazard is limited; absence is not evidence of low risk.
5	Hail	Very High	Very High	\$24,144,474	\$221	\$28,913	\$24,173,608	177		
6	Strong Wind	Very High	Very High	\$5,022,130	\$874	\$3,783,656	\$8,806,660	1,220		Includes 6 High Wind records and 11 Strong Wind records, event types the NRI definition of this hazard leaves out.
7	Tornado	Relatively Moderate	Relatively Moderate	\$2,568,299	\$10,057	\$2,789,359	\$5,367,715	17		

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
8	Drought	Relatively High	Relatively High		\$4,593,446		\$4,593,446	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
9	Lightning	Relatively High	Relatively High	\$175,130		\$1,957,143	\$2,132,272	62		
10	Winter Weather	Relatively Low	Relatively Low	\$14,167	under \$1	\$32,844	\$47,011	5		
11	Landslide	Relatively Low	Relatively Low	\$27,122		\$1,001	\$28,124	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.
12	Hurricane	Very Low	Very Low	\$7,010	\$4,760	under \$1	\$11,770	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
13	Avalanche	Very Low	Very Low	\$1		\$142	\$144	0		No recorded events in Storm Events since 1996 (data through 2026-06-30).
14	Cold Wave	No Rating	No Expected Annual Losses	\$0	\$0	\$0	\$0	0		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).
	Ice Storm	Not Applicable	Not Applicable					0	NRI rates ice storm 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.	3 of 1,009
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 1,009
Cold Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	0 of 1,009
Drought	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	438 of 1,009
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.	1,008 of 1,009
Hail	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	1,009 of 1,009
Heat Wave	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	1,009 of 1,009
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.	1,009 of 1,009
Ice Storm	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	0 of 1,009
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.	1,008 of 1,009
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.	263 of 1,009
Lightning	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	1,009 of 1,009
Strong Wind	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	1,009 of 1,009
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.	1,009 of 1,009
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 1,009
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 1,009
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.	748 of 1,009
Winter Weather	Affects the whole planning area; national data do not distinguish locations within the county. Confirm locally.	1,009 of 1,009

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.

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Cold/Wind Chill, Extreme Cold/Wind Chill	wind chill	0					Wind chill: in event narratives only; local data required.
Frost/Freeze (outside NRI Cold Wave definition)	crop damage	0					Temperature: in event narratives only; local data required.
Drought	US Drought Monitor D-scale	0					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)	227, 1960 to 2025	0.25 in to 3 in (median 1 in); 226 with a recorded value	3 in hail, 2010-10-05		Event records naming member places: Phoenix city (21 records), Mesa city (15 records), Glendale city (8 records), Tempe city (6 records), Carefree town (5 records), Cave Creek town (5 records), Wickenburg town (5 records), Fountain Hills town (4 records), Scottsdale city (4 records), Chandler city (3 records); and 3 more member places (see the XLSX file).	
Excessive Heat, Heat	heat index (narratives)	387, 2018 to 2025 (387 zone-level)	1 day to 29 days (median 3 days); 104 with a recorded value	29 consecutive days, 2023-07-01 to 2023-07-29, 122 direct deaths, 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.
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)	0					Ice thickness: 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
Flash Flood, Flood, Lakeshore Flood	damage and flood days (FIRM for depth)	661, 1996 to 2025		Flash Flood, 2021-08-14, \$25,000,000 property; \$0 crops (2021 dollars), 2 direct deaths		Event records naming member places: Cave Creek town (33 records), Wickenburg town (29 records), Scottsdale city (23 records), Phoenix city (16 records), Carefree town (14 records), Gila Bend town (14 records), Mesa city (12 records), Avondale city (8 records), Fountain Hills town (8 records), Gilbert town (5 records); and 12 more member places (see the XLSX file).	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)	62, 1996 to 2025		Lightning, 1998-12-15, damage not reported, 1 direct death, 3 direct injuries	Lightning, 2005-07-31, \$500,000 property; crops not reported (2005 dollars)	Event records naming member places: Mesa city (12 records), Avondale city (3 records), Gilbert town (3 records), Phoenix city (3 records), Scottsdale city (2 records), Tolleson city (2 records), Buckeye city (1 record), Carefree town (1 record), Chandler city (1 record), El Mirage city (1 record); and 7 more member places (see the XLSX file).	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)	17, 2018 to 2025 (17 zone-level)	30 kt (35 mph) to 58 kt (67 mph) (median 43 kt (49 mph)); 17 with a recorded value	58 kt (67 mph) measured gust, High Wind, 2022-10-03; NWS zone AZZ547 (RIO VERDE/ SALT RIVER), zone-level: may include parts of neighboring counties	High Wind, 2022-10-03, \$10,000 property; \$0 crops, reported for the zone (2022 dollars)	Zone-level records: applies countywide; national data do not locate these events within the county.	
Thunderstorm Wind	wind speed (kt and mph)	1,520, 1955 to 2025	35 kt (40 mph) to 100 kt (115 mph) (median 55 kt (63 mph)); 1,315 with a recorded value	100 kt (115 mph), measurement type not recorded, Thunderstorm Wind, 1996-08-14	Thunderstorm Wind, 2006-07-25, \$150,000,000 property; crops not reported (2006 dollars)	Event records naming member places: Phoenix city (93 records), Mesa city (83 records), Scottsdale city (38 records), Tempe city (33 records), Glendale city (32 records), Chandler city (22 records), Buckeye city (21 records), Fountain Hills town (17 records), Gila Bend town (17 records), Gilbert town (16 records); and 13 more member places (see the XLSX file).	

Hazard	Scale	Records <i>count, years</i>	Observed range	Worst recorded event	Most damaging (when different)	How it applies to members	Note
Tornado	Enhanced Fujita (F before Feb 2007)	73, 1955 to 2025	F/EF0 to F/EF3 (median F/EF0); 64 with a recorded value	F3 tornado, 1957-08-04, 12 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 33 yd wide, \$2,500 property; crops not recorded (1957 dollars)	Tornado, 1972-06-21, \$25,000,000 property; crops not recorded (1972 dollars)	Event records naming member places: Phoenix city (5 records), Carefree town (1 record), Gila Bend town (1 record), Mesa city (1 record), Queen Creek town (1 record), Scottsdale city (1 record).	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)	6, 2020 to 2026 (6 zone-level)		Wildfire, 2021-06-04, \$8,000,000 property; \$0 crops, reported for the zone (2021 dollars); NWS zone AZZ558 (PINAL/ SUPERSTITION MOUNTAINS), zone-level: may include parts of neighboring counties		Zone-level records: applies countywide; national data do not locate these events within the county.	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)	5, 2019 to 2023 (5 zone-level)		Heavy Snow, 2019-02-21, \$50,000 property; \$0 crops, reported for the zone (2019 dollars); NWS zone AZZ541 (CAVE CREEK/NEW RIVER), 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 26 Counted incidents 22

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
2024-06-28	2024-06-28	FM-5501-AZ	Fire management	BOULDER VIEW FIRE	Wildfire	none found	new since last plan; within last 5 years	
2024-06-12	2024-06-12	FM-5496-AZ	Fire management	ROSE FIRE	Wildfire	none found	new since last plan; within last 5 years	
2023-06-28	2023-06-27	FM-5466-AZ	Fire management	DIAMOND FIRE	Wildfire	none found	new since last plan; within last 5 years	
2020-06-27	2020-06-27	FM-5315-AZ	Fire management	AVONDALE FIRE	Wildfire	none found		
2020-06-23	2020-06-23	FM-5314-AZ	Fire management	AQUILA FIRE	Wildfire	none found		
2020-06-20	2020-06-20	FM-5313-AZ	Fire management	BUSH FIRE	Wildfire	none found		
2020-05-30	2020-05-30	FM-5311-AZ	Fire management	OCOTILLO FIRE	Wildfire	none found		
2020-05-18	2020-05-17	FM-5310-AZ	Fire management	EAST DESERT FIRE	Wildfire	none found		
2020-04-04	2020-01-20	DR-4524-AZ	Major disaster	COVID-19 PANDEMIC	Non-natural, not counted	\$318,375,608.28		
2020-03-13	2020-01-20	EM-3442-AZ	Emergency	COVID-19	Non-natural, not counted	none found		same incident as DR-4524
2014-11-05	2014-09-07	DR-4203-AZ	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$4,574,898.15		
2005-09-12	2005-08-29	EM-3241-AZ	Emergency	HURRICANE KATRINA EVACUATION	Hurricane: evacuation support, not a local hazard event; not counted	\$586,994.11		
2005-07-22	2005-07-21	FM-2570-AZ	Fire management	AZ-WILDFIRE (EDGE COMPLEX) 07-22-2005	Wildfire	none found		
2005-06-22	2005-06-21	FM-2561-AZ	Fire management	CAVE CREEK FIRE COMPLEX	Wildfire	none found		
2005-06-08	2005-06-08	FM-2559-AZ	Fire management	AZ-BOBBY FIRE-06-08-2005	Wildfire	none found		

Declared	Incident began	FEMA number	Type	Title	Mapped hazard	County Public Assistance	Flags	Notes
						<i>federal share obligated, nominal dollars</i>		
2005-04-14	2005-02-10	DR-1586-AZ	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding: designated for Hazard Mitigation only (no Public or Individual Assistance for this county); not counted	PA not declared for this county		
2000-10-27	2000-10-21	DR-1347-AZ	Major disaster	SEVERE STORMS AND FLOODING	Inland Flooding	\$1,392,038.51		
1999-10-15	1999-09-14	DR-1304-AZ	Major disaster	SEVERE STORMS, FLOODING, HIGH WINDS	Inland Flooding; Strong Wind	PA not declared for this county		
1993-01-19	1993-01-05	DR-977-AZ	Major disaster	SEVERE STORMS, TORNADOES & FLOODING	Inland Flooding (primary); also designated: Tornado	none found		
1990-12-06	1990-07-08	DR-884-AZ	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1980-02-19	1980-02-19	DR-614-AZ	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1978-12-21	1978-12-21	DR-570-AZ	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1978-03-04	1978-03-04	DR-551-AZ	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1972-07-03	1972-07-03	DR-343-AZ	Major disaster	SEVERE STORMS & FLOODING	Inland Flooding	none found		
1970-09-22	1970-09-22	DR-294-AZ	Major disaster	HEAVY RAINS & FLASH	Inland Flooding	none found		
1966-04-30	1966-04-30	DR-217-AZ	Major disaster	FLOODING	Inland Flooding	none found		

School districts and special districts in this county: \$3,262,409.60 (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)

Public Assistance filed under this county for declarations that do not list it: 3 rows, \$224,001.59

FEMA number	Declared	Title	Applicant	PA obligated
				<i>federal share obligated, nominal dollars</i>
DR-1888-AZ	2010-03-18	SEVERE WINTER STORMS AND FLOODING	Salt River Project	\$30,723.15
DR-1660-AZ	2006-09-07	SEVERE STORMS AND FLOODING	GREEN RESERVOIR FLOOD CONTROL DISTRICT	\$0
DR-1581-AZ	2005-02-17	SEVERE STORMS AND FLOODING	Arizona State Parks Board	\$193,278.44

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)

Previous occurrences by hazard, with explicit no-event rows

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
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	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Drought	0	0	0	0	0	0	1996 to 2026-06-30	No recorded events, 1996 to 2026-06-30, NOAA NCEI Storm Events
Earthquake	0	0	0	0	0	0		No Storm Events record; local data required (e.g., USGS).
Hail	227	47	19	62	0	0	1955 to 2026-06-30	
Heat Wave	387	150	57	150	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	661	219	99	221	11	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
Lightning	62	9	4	10	0	0	1996 to 2026-06-30	
Strong Wind	1,537	327	88	332	1	0	1955 to 2026-06-30	Includes 6 High Wind records and 11 Strong Wind records, event types the NRI definition of this hazard leaves out.
Tornado	73	3	0	3	1	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	6	2	1	2	11	3	1996 to 2026-06-30	
Winter Weather	5	2	0	2	0	0	1996 to 2026-06-30	

SOURCESNOAA 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
2023-07-11	Excessive Heat		\$0 property; \$0 crops, reported for the zone (2023 dollars)	94, 0	NWS zone AZZ543 (CENTRAL PHOENIX), zone-level: may include parts of neighboring counties	new since last plan; within last 5 years	deaths or injuries recorded
2023-07-01	Excessive Heat		\$0 property; \$0 crops, reported for the zone (2023 dollars)	5, 0	NWS zone AZZ543 (CENTRAL PHOENIX), zone-level: may include parts of neighboring counties	new since last plan; within last 5 years	B1-c worst recorded: Excessive Heat, Heat
2022-10-03	High Wind	58 kt (67 mph) measured gust	\$0 property; \$0 crops, reported for the zone (2022 dollars)	0, 0	NWS zone AZZ547 (RIO VERDE/ SALT RIVER), zone-level: may include parts of neighboring counties	new since last plan; within last 5 years	B1-c worst recorded: High Wind and Strong Wind (outside NRI Strong Wind definition)
2021-08-14	Flash Flood		\$25,000,000 property; \$0 crops (2021 dollars)	2, 0	(GBN)GILA BEND MUNI	during plan review, check whether your last plan included it	B1-c worst recorded: Flash Flood, Flood, Lakeshore Flood
2021-06-04	Wildfire		\$8,000,000 property; \$0 crops, reported for the zone (2021 dollars)	0, 0	NWS zone AZZ558 (PINAL/ SUPERSTITION MOUNTAINS), zone-level: may include parts of neighboring counties	during plan review, check whether your last plan included it	B1-c worst recorded: Wildfire
2020-08-12	Excessive Heat		\$0 property; \$0 crops, reported for the zone (2020 dollars)	43, 0	NWS zone AZZ543 (CENTRAL PHOENIX), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2020-07-10	Excessive Heat		\$0 property; \$0 crops, reported for the zone (2020 dollars)	32, 0	NWS zone AZZ543 (CENTRAL PHOENIX), zone-level: may include parts of neighboring counties		deaths or injuries recorded
2019-02-21	Heavy Snow		\$50,000 property; \$0 crops, reported for the zone (2019 dollars)	0, 0	NWS zone AZZ541 (CAVE CREEK/ NEW RIVER), zone-level: may include parts of neighboring counties		B1-c worst recorded: Winter Storm, Heavy Snow, Blizzard, Lake-Effect Snow, Winter Weather, Sleet
2010-10-05	Hail	3 in	\$1,800,000,000 property; crops not reported (2010 dollars)	0, 1	WEST CHANDLER to GLENDALE MUNI ARPT		B1-c worst recorded: Hail
1998-12-15	Lightning		damage not reported	1, 3	PARADISE VLY		B1-c worst recorded: Lightning
1996-08-14	Thunderstorm Wind	100 kt (115 mph), measurement type not recorded	damage not reported	0, 0	PHOENIX DEER VLY ARP		B1-c worst recorded: Thunderstorm Wind
1957-08-04	Tornado	F3, 12 mi path length (records before 1996 may include the whole path; rating and listing come from the county where the tornado began), 33 yd wide	\$2,500 property; crops not recorded (1957 dollars)	0, 0	location not recorded		B1-c worst recorded: Tornado

The full list is in the XLSX file, sheet "B1-d Storm Events history" (2,958 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)

15 Fire Management declarations (1990-06-27 to 1996-06-24) FEMA filed as Statewide with no county; each names one local fire. Listed on the state page.

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

Hazard	FEMA annualized frequency (modeled) <i>unit per row</i>	Unit	In plain terms	Descriptor	Descriptor basis	NRI events or days in its record period (hail, wind and tornado are area-weighted, so can be fractional)	NRI period	Location	Note
Avalanche	0.01	events per year	about 1 in 100 years	Possible	FEMA annualized frequency (modeled)	0	1994 to 2023 (30 years)	see B1-f	0.01 is NRI's minimum avalanche frequency for a county in an avalanche susceptibility zone; NRI records no avalanche here, so the descriptor reflects the floor, not local events.
Coastal Flooding		events per year at a location (modeled)				not shown	modeled	see B1-f	Not Applicable in NRI for this county; no descriptor.
Cold Wave	0	event-days per year	none modeled		event-days in 0 of 30 years, 1996 to 2025 (0%)	0	2005-11-12 to 2024-11-12 (19 years)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned. Frost/Freeze records are not counted in this descriptor: they record crop freezes, not cold waves.
Drought	62.5	event-days per year	about 62.5 days per year		event-days in 0 of 30 years, 1996 to 2025 (0%)	2,905	2000 to 2025 (25.25 years; D3 and D4 only)	countywide	No recorded event-days, 1996 to 2025; descriptor not assigned
Earthquake	0.0107	annual probability at a location	chance a given location in the county has at least minor-damage shaking in a year: 1.08%			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	0.28	events per year	about 1 in 4 years	Likely	FEMA annualized frequency (modeled)	10.6 (modeled)	1986 to 2023 (38 years)	countywide	

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
Heat Wave	19.8	event-days per year	about 19.8 days per year	Likely	event-days in 8 of 30 years, 1996 to 2025 (26.7%)	154	2005-11-12 to 2024-11-12 (19 years)	countywide	NRI gives about 19.8 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 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.
Hurricane	0.0115	events per year	about 1 in 87 years	Possible	FEMA annualized frequency (modeled)	3	1851 to 2024 (Atlantic); 1949 to 2024 (Pacific)	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		event-days per year					1946-12-31 to 2014-02-12 (67 years)	countywide	Not Applicable in NRI for this county; no descriptor.
Inland Flooding	8.46	event-days per year	about 8.46 days per year	Highly likely	event-days in 28 of 30 years, 1996 to 2025 (93.3%)	237	1996 to 2023 (28 years)	see B1-f	
Landslide	2.11	events per year (modeled)	about 2.11 per year	Highly likely	FEMA annualized frequency (modeled)	not shown	modeled	see B1-f	
Lightning	32.3	days per year with a strike	about 32.3 days per year	Highly likely	FEMA annualized frequency (modeled)	not shown	1995 to 2023 (29 years; CONUS)	countywide	
Strong Wind	1.4	events per year	about 1.4 per year	Highly likely	FEMA annualized frequency (modeled)	54	1986 to 2023 (38 years)	countywide	
Tornado	0.571	events per year	about 0.57 per year	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	0.00187	annual probability at a location	chance a given location in the county burns in a year: 0.187%	Likely	Storm Events records in 3 of 30 years, 1996 to 2025 (10%)	not shown	modeled	see B1-f	Descriptor from Storm Events, not NRI: the NRI value is the chance at a location in the county, not how often the hazard affects the county.

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
Winter Weather	0.567	event-days per year	about 0.567 days per year	Likely	event-days in 3 of 30 years, 1996 to 2025 (10%)	10.8	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	93	30	3.1
Hail	2.00 in+	1996 to 2025	3	30	0.1
Strong Wind (Thunderstorm Wind records)	50-64 kt	1996 to 2025	967	30	32.2
Strong Wind (Thunderstorm Wind records)	65 kt+	1996 to 2025	155	30	5.17
Strong Wind (Thunderstorm Wind records)	unmeasured or below 50 kt	1996 to 2025	81	30	2.7
Tornado	EF0-1	1996 to 2025	15	30	0.5
Tornado	EF2-3	1996 to 2025	0	30	0
Tornado	EF4-5	1996 to 2025	0	30	0
Tornado	unrated (EFU)	1996 to 2025	2	30	0.0667

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 <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Avalanche	3 of 1,009	18.1	21.4	21.8	Very Low 3, Not Applicable 1006	
Coastal Flooding	0 of 1,009				Not Applicable 1009	
Cold Wave	0 of 1,009				No Rating 1009	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	438 of 1,009	66.9	75.0	99.4	Relatively High 4, Relatively Moderate 14, Relatively Low 120, Very Low 300, No Rating 571	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	1,008 of 1,009	0.7	43.0	83.8	Relatively Moderate 11, Relatively Low 525, Very Low 472, No Rating 1	

Hazard	Tracts <i>rated of all</i>	Risk score min <i>NRI score, 0 to 100</i>	Median	Max	Tracts by rating	Note
Hail	1,009 of 1,009	0.2	68.3	96.6	Relatively High 16, Relatively Moderate 443, Relatively Low 541, Very Low 9	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	1,009 of 1,009	1.4	98.7	100.0	Very High 922, Relatively High 69, Relatively Moderate 1, Relatively Low 2, Very Low 15	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	1,009 of 1,009	9.3	11.8	42.1	Very Low 1009	
Ice Storm	0 of 1,009				Not Applicable 1009	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	1,008 of 1,009	0.2	69.2	100.0	Very High 87, Relatively High 288, Relatively Moderate 352, Relatively Low 235, Very Low 46, No Rating 1	
Landslide	263 of 1,009	8.6	13.1	98.9	Relatively Moderate 1, Relatively Low 8, Very Low 254, No Rating 746	
Lightning	1,009 of 1,009	0.1	12.8	34.6	Relatively Low 100, Very Low 909	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	1,009 of 1,009	0.2	31.3	81.0	Relatively Moderate 23, Relatively Low 916, Very Low 70	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	1,009 of 1,009	0.3	11.9	36.7	Relatively Low 6, Very Low 1003	
Tsunami	0 of 1,009				Not Applicable 1009	
Volcanic Activity	0 of 1,009				Not Applicable 1009	
Wildfire	748 of 1,009	18.6	63.1	99.9	Very High 3, Relatively High 48, Relatively Moderate 107, Relatively Low 178, Very Low 412, No Rating 261	
Winter Weather	1,009 of 1,009	10.5	14.5	49.3	Relatively Moderate 1, Relatively Low 4, Very Low 1004	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
Maricopa County	County	Approved, expires 2027-05-10	FMA RL 1, SRL 0; any 18	\$16,640.65	0; 0	Includes \$16,640.65 for declarations not counted as hazard incidents (DR-4524-AZ, EM-3241-AZ).
Avondale city	City	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 1	\$80,155.66	13; 8	Includes \$80,155.66 for declarations not counted as hazard incidents (DR-4524-AZ).
Buckeye city	City	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 6	\$11,520.27	25; 2	Includes \$11,520.27 for declarations not counted as hazard incidents (DR-4524-AZ).
Carefree town	Town	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 0	\$78,114.56	36; 6	
Cave Creek town	Town	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 0	\$36,827.74	48; 13	
Chandler city	City	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 0	\$270,925.51	28; 1	Includes \$107,891.70 for declarations not counted as hazard incidents (DR-4524-AZ).
El Mirage city	City	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 0	\$26,601.96	7; 1	Includes \$26,601.96 for declarations not counted as hazard incidents (DR-4524-AZ).
Fountain Hills town	Town	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 0	none found	30; 6	
Gila Bend town	Town	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 0	\$55,452.18	32; 7	Includes \$55,452.18 for declarations not counted as hazard incidents (DR-4524-AZ).
Gilbert town	Town	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 0	\$824,265.95	24; 8	Includes \$816,631.23 for declarations not counted as hazard incidents (DR-4524-AZ).
Glendale city	City	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 1	\$155,998.81	44; 9	Includes \$11,854.51 for declarations not counted as hazard incidents (DR-4524-AZ, EM-3241-AZ).
Goodyear city	City	Approved, expires 2027-05-10	FMA RL 0, SRL 1; any 1	\$509,003.67	9; 2	Includes \$223,300.82 for declarations not counted as hazard incidents (DR-4524-AZ).
Guadalupe town	Town	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 0	\$6,244.54	11; 4	Includes \$6,244.54 for declarations not counted as hazard incidents (DR-4524-AZ).
Litchfield Park city	City	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 0	\$8,558.92	10; 2	Includes \$8,558.92 for declarations not counted as hazard incidents (DR-4524-AZ).
Mesa city	City	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 4	\$1,106,303.16	123; 16	Includes \$684,751.35 for declarations not counted as hazard incidents (DR-4524-AZ, EM-3241-AZ).
Paradise Valley town	Town	Plan 107585 approved 2022-05-11, pending adoption here; not yet eligible	FMA RL 0, SRL 0; any 4	\$227,121.59	0; no approved plan	Includes \$37,767.59 for declarations not counted as hazard incidents (DR-4524-AZ).
Peoria city	City	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 1	\$17,084.45	8; 0	Includes \$17,084.45 for declarations not counted as hazard incidents (EM-3241-AZ).
Phoenix city	City	Approved, expires 2027-05-10	FMA RL 1, SRL 5; any 57	\$1,472,401.33	138; 13	Includes \$258,743.38 for declarations not counted as hazard incidents (EM-3241-AZ).

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
Queen Creek town	Town	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 0	\$366,711.96	19; 2	Includes \$352,758.92 for declarations not counted as hazard incidents (DR-4524-AZ).
Scottsdale city	City	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 5	\$501,148.20	68; 14	Includes \$501,148.20 for declarations not counted as hazard incidents (DR-4524-AZ).
Surprise city	City	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 0	\$398,469.35	2; 0	Includes \$102,175.69 for declarations not counted as hazard incidents (DR-4524-AZ).
Tempe city	City	Approved, expires 2027-05-10	FMA RL 0, SRL 1; any 2	\$1,187,556.49	42; 8	Includes \$885,824.13 for declarations not counted as hazard incidents (DR-4524-AZ).
Tolleson city	City	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 0	\$126,069.17	15; 2	Includes \$92,111.49 for declarations not counted as hazard incidents (DR-4524-AZ).
Wickenburg town	Town	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 4	\$38,026.22	49; 4	
Youngtown town	Town	Approved, expires 2027-05-10	FMA RL 0, SRL 0; any 0	none found	9; 2	

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 2022-05-11 <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	\$2,030,827		under 1	\$1		\$142	under 0.0001%				
Coastal Flooding											Not Applicable in NRI for this county
Cold Wave	\$0	\$0	0	\$0	\$0	\$0					building exposure is 0 in NRI
Drought		\$493,004,902			\$4,593,446		0.932% (agriculture)				NRI has no building exposure for this hazard; agriculture shown
Earthquake	\$1,457,569,274,644		4,420,568	\$22,473,406		\$8,250,984	0.00154%				
Hail	\$854,730,526,869	\$1,556,808,461	4,418,836	\$24,144,474	\$221	\$28,913	0.00282%	\$33,000			
Heat Wave	\$854,730,526,869	\$1,556,808,461	4,418,836	\$38,177	\$956,137	\$956,992,469	under 0.0001%		\$0		
Hurricane	\$854,730,526,869	\$1,556,808,461	4,418,836	\$7,010	\$4,760	under \$1	under 0.0001%				
Ice Storm											Not Applicable in NRI for this county
Inland Flooding	\$854,653,105,548	\$714,061,523	64,117	\$1,106,425,058	\$103,835	\$12,972,641	n/a (see note)	\$1,883,000			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	\$4,374,218,223		12,339	\$27,122		\$1,001	0.00062%				
Lightning	\$854,730,526,869		4,418,836	\$175,130		\$1,957,143	under 0.0001%	\$201,000			

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 2022-05-11 <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
Strong Wind	\$854,730,526,869	\$1,556,808,461	4,418,836	\$5,022,130	\$874	\$3,783,656	0.000588%	\$19,742,400	\$23,500		Storm Events damage since the plan includes 4 zone-level High Wind records (\$16,000) and 7 zone-level Strong Wind records (\$7,500), event types the NRI definition of this hazard leaves out.
Tornado	\$854,730,526,869	\$1,556,808,461	4,418,836	\$2,568,299	\$10,057	\$2,789,359	0.0003%	\$50,000			
Tsunami											Not Applicable in NRI for this county
Volcanic Activity											Not Applicable in NRI for this county
Wildfire	\$71,664,197,297	\$546,530,389	431,475	\$40,323,983	\$3,844	\$1,860,626	0.0563%		\$5,000,000	none found (3 declarations)	
Winter Weather	\$852,846,959,097	\$1,020,760,644	4,416,316	\$14,167	under \$1	\$32,844	under 0.0001%		\$0		

Totals since 2022-05-11 (Storm Events through 2026-06-30): 594 county-coded records, 577 with a damage value recorded (including \$0), \$21,909,400; 165 zone-level records, 165 with a damage value recorded (including \$0), \$5,023,500 reported for the zone; Public Assistance on counted declarations none found (3 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	4,418,836
Building value (total, not at risk)	\$854,730,526,869
Agriculture value (total, not at risk)	\$1,556,808,461
NRI risk rating (all hazards)	Very High
Expected annual loss, buildings and agriculture, all hazards	\$1,206,892,131
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)	\$988,669,779
Social vulnerability rating	Relatively Low
Community resilience rating	Very Low
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)	2	Severe repetitive loss, FMA definition (44 CFR 77.2)	7
Repetitive loss, NFIP insurance definition	101	Severe repetitive loss, NFIP insurance definition	4

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	2	7	101	4	104	3	24
MARICOPA COUNTY*	1	0	18	0	18	0	2
AVONDALE, CITY OF	0	0	1	0	1	0	0
BUCKEYE, CITY OF	0	0	6	0	6	0	0
GLENDALE, CITY OF	0	0	1	0	1	0	0

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>
GOODYEAR, CITY OF	0	1	1	1	1	0	0
MESA, CITY OF	0	0	4	0	4	0	1
PARADISE VALLEY, TOWN OF	0	0	4	0	4	0	2
PEORIA, CITY OF	0	0	1	0	1	0	0
PHOENIX, CITY OF	1	5	54	2	57	3	14
TEMPE, CITY OF	0	1	2	1	2	0	0
WICKENBURG, TOWN OF	0	0	4	0	4	0	0
SCOTTSDALE, CITY OF	0	0	5	0	5	0	5
State level, not in this county: county not reported	0	1	0	0	1	1	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
Maricopa County	040037	1	0	18	0	18	0	2	
Avondale city	040038	0	0	1	0	1	0	0	
Buckeye city	040039	0	0	6	0	6	0	0	
Carefree town	040126	0	0	0	0	0	0	0	
Cave Creek town	040129	0	0	0	0	0	0	0	
Chandler city	040040	0	0	0	0	0	0	0	
El Mirage city	040041	0	0	0	0	0	0	0	
Fountain Hills town	040135	0	0	0	0	0	0	0	
Gila Bend town	040043	0	0	0	0	0	0	0	
Gilbert town	040044	0	0	0	0	0	0	0	
Glendale city	040045	0	0	1	0	1	0	0	
Goodyear city	040046	0	1	1	1	1	0	0	
Guadalupe town	040111	0	0	0	0	0	0	0	
Litchfield Park city	040128	0	0	0	0	0	0	0	
Mesa city	040048	0	0	4	0	4	0	1	
Paradise Valley town	040049	0	0	4	0	4	0	2	
Peoria city	040050	0	0	1	0	1	0	0	
Phoenix city	040051	1	5	54	2	57	3	14	
Queen Creek town	040132	0	0	0	0	0	0	0	
Scottsdale city	045012	0	0	5	0	5	0	5	

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
Surprise city	040053	0	0	0	0	0	0	0	
Tempe city	040054	0	1	2	1	2	0	0	
Tolleson city	040055	0	0	0	0	0	0	0	
Wickenburg town	040056	0	0	4	0	4	0	0	
Youngtown town	040057	0	0	0	0	0	0	0	

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	1	5	81	2	84	3	19
2 to 4 unit residential	1	0	3	0	3	0	0
other residential	0	0	3	0	3	0	2
non-residential	0	2	14	2	14	0	3
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 99 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_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_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/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_AZ_04013. Preview: automated baseline.