



Summary of Natural Hazard Statistics for 2023 in the United States



This National Weather Service (NWS) report summarizes fatalities, injuries and damages caused by severe weather in 2023. The NWS Office of Climate, Water and Weather Services and the National Climatic Data Center compiled this Summary of U.S. Natural Hazard Statistics from Storm Data, a report comprising statistics from NWS forecast offices in the 50 states, Puerto Rico, Guam, and the Virgin Islands.

Summary of 2023 Weather Events, Fatalities, Injuries, and Damage Costs

Weather Event	Fatalities	Injuries	Property Damage (million \$)	Crop Damage (million \$)	Total Damage (million \$)
Convection					
Lightning	14	56	29.89	0.95	30.84
Tornado	86	918	1,371.37	7.30	1,378.67
Thunderstorm Wind	36	164	605.98	42.73	648.71
Hail	0	93	2,201.95	107.40	2,309.36
Extreme Temperatures					
Cold	11	8	0.01	7.28	7.28
Heat	555	1862	0.00	0.00	0.00
Flood					
Flash Flood	39	12	1,590.72	3.19	1,593.91
River Flood	31	2	497.05	8.36	505.40
Marine					
Coastal Storm	0	1	25.24	0.00	25.24
Tsunami	0	0	0.00	0.00	0.00
Rip Current	91	61	1.03	0.00	1.03
Tropical Cyclones					
Tropical Storm / Hurricane	3	8	4,085.34	347.50	4,432.84
Winter					
Winter Storm	9	29	136.00	0.00	136.00
Ice	1	0	55.01	0.00	55.01
Avalanche	18	16	0.71	0.00	0.71

Other					
Drought	0	0	0.95	566.45	567.40
Dust Storm	11	37	0.23	0.00	0.23
Dust Devil	0	0	0.01	0.00	0.01
Rain	1	1	0.37	0.00	0.37
Fog	0	5	6.93	0.00	6.93
High Wind	35	47	101.17	0.50	101.67
Waterspout	0	0	0.00	0.00	0.00
Fire Weather	103	39	5,913.09	1.07	5,914.16
Mud Slide	6	4	5.74	0.00	5.74
Volcanic Ash	0	0	0.00	0.00	0.00
Miscellaneous	0	1	0.00	0.00	0.00
Total	1050	3364	16,628.79	1,092.74	17,721.52

Summary of 2023 Natural Hazard Statistics

2023 Summary of Fatalities for All Hazards by Age and Gender

	Female	Male	Unknown	Total	Percent
0 to 9	16	15	0	31	2.95
10 to 19	8	34	1	43	4.10
20 to 29	17	44	0	61	5.81
30 to 39	17	50	0	67	6.38
40 to 49	13	53	0	66	6.29
50 to 59	33	50	1	84	8.00
60 to 69	37	60	2	99	9.43
70 to 79	36	66	1	103	9.81
80 to 89	25	17	0	42	4.00
90 to --	4	2	0	6	0.57
Unknown	11	20	417	448	42.67
Total	217	411	422	1050	
Percent	20.67	39.14	40.19		

2023 Monthly Weather Related Fatalities

