



Summary of Natural Hazard Statistics for 2021 in the United States



This National Weather Service (NWS) report summarizes fatalities, injuries and damages caused by severe weather in 2021. 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 2021 Weather Events, Fatalities, Injuries, and Damage Costs

Weather Event	Fatalities	Injuries	Property Damage (million \$)	Crop Damage (million \$)	Total Damage (million \$)
Convection					
Lightning	11	69	10.03	0.03	10.06
Tornado	104	878	226.56	2.24	228.80
Thunderstorm Wind	40	95	233.93	102.08	336.01
Hail	0	6	1,025.66	38.24	1,063.89
Extreme Temperatures					
Cold	106	1	246.85	466.50	713.35
Heat	190	67	0.05	0.05	0.10
Flood					
Flash Flood	135	57	2,425.05	30.59	2,455.64
River Flood	11	3	554.18	2.73	556.90
Marine					
Coastal Storm	1	0	3,579.55	2.00	3,581.55
Tsunami	0	0	0.00	0.00	0.00
Rip Current	111	27	0.11	1.20	1.31
Tropical Cyclones					
Tropical Storm / Hurricane	12	0	8,597.54	2.00	8,599.54
Winter					
Winter Storm	14	121	72.95	0.00	72.95
Ice	2	1	22.21	0.00	22.21
Avalanche	24	12	0.25	0.00	0.25

Other					
Drought	0	0	0.00	146.67	146.67
Dust Storm	9	10	0.67	0.00	0.67
Dust Devil	0	0	0.00	0.00	0.00
Rain	0	1	4.02	55.58	59.60
Fog	0	0	1.54	0.00	1.54
High Wind	16	40	241.72	2.22	243.93
Waterspout	0	0	0.00	0.00	0.00
Fire Weather	8	41	735.28	0.06	735.34
Mud Slide	1	2	164.22	0.02	164.23
Volcanic Ash	0	0	0.00	0.00	0.00
Miscellaneous	2	0	0.00	0.00	0.00
Total	797	1431	18,142.36	852.19	18,994.55

Summary of 2021 Natural Hazard Statistics

2021 Summary of Fatalities for All Hazards by Age and Gender

	Female	Male	Unknown	Total	Percent
0 to 9	15	19	2	36	4.52
10 to 19	13	34	0	47	5.90
20 to 29	11	52	0	63	7.90
30 to 39	25	51	0	76	9.54
40 to 49	22	53	0	75	9.41
50 to 59	28	60	0	88	11.04
60 to 69	35	69	0	104	13.05
70 to 79	33	50	0	83	10.41
80 to 89	16	16	0	32	4.02
90 to --	11	1	0	12	1.51
Unknown	29	76	76	181	22.71
Total	238	481	78	797	
Percent	29.86	60.35	9.79		

2021 Monthly Weather Related Fatalities

