



Summary of Natural Hazard Statistics for 2017 in the United States



This National Weather Service (NWS) report summarizes fatalities, injuries and damages caused by severe weather in 2017. 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 2017 Weather Events, Fatalities, Injuries, and Damage Costs

| Weather Event | Fatalities | Injuries | Property Damage (million \$) | Crop Damage (million \$) | Total Damage (million \$) |
|-----------------------------|------------|----------|------------------------------|--------------------------|---------------------------|
| Convection | | | | | |
| Lightning | 16 | 86 | 16.09 | 0.00 | 16.09 |
| Tornado | 35 | 516 | 631.87 | 17.31 | 649.18 |
| Thunderstorm Wind | 30 | 148 | 236.36 | 30.40 | 266.76 |
| Hail | 0 | 14 | 1,722.23 | 59.52 | 1,781.76 |
| Extreme Temperatures | | | | | |
| Cold | 26 | 3 | 0.00 | 954.13 | 954.13 |
| Heat | 107 | 176 | 0.01 | 0.00 | 0.01 |
| Flood | | | | | |
| Flash Flood | 103 | 8 | 59,118.68 | 62.13 | 59,180.81 |
| River Flood | 13 | 11 | 1,457.53 | 61.26 | 1,518.78 |
| Marine | | | | | |
| Coastal Storm | 3 | 0 | 596.19 | 0.00 | 596.19 |
| Tsunami | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Rip Current | 70 | 55 | 0.16 | 1.00 | 1.16 |
| Tropical Cyclones | | | | | |
| Tropical Storm / Hurricane | 43 | 62 | 22,383.47 | 719.85 | 23,103.32 |
| Winter | | | | | |
| Winter Storm | 10 | 4 | 244.14 | 0.00 | 244.14 |
| Ice | 1 | 6 | 64.61 | 0.00 | 64.61 |
| Avalanche | 3 | 4 | 0.04 | 0.00 | 0.04 |

| | | | | | |
|---------------|------------|-------------|------------------|-----------------|------------------|
| Other | | | | | |
| Drought | 0 | 0 | 0.05 | 0.31 | 0.36 |
| Dust Storm | 0 | 0 | 0.35 | 0.00 | 0.35 |
| Dust Devil | 0 | 0 | 0.06 | 0.00 | 0.06 |
| Rain | 2 | 1 | 118.00 | 0.34 | 118.33 |
| Fog | 0 | 0 | 0.38 | 0.00 | 0.38 |
| High Wind | 20 | 65 | 601.20 | 5.17 | 606.37 |
| Waterspout | 3 | 0 | 0.00 | 0.00 | 0.00 |
| Fire Weather | 20 | 44 | 155.41 | 1.80 | 157.21 |
| Mud Slide | 0 | 0 | 30.58 | 0.01 | 30.58 |
| Volcanic Ash | 0 | 0 | 0.00 | 0.00 | 0.00 |
| Miscellaneous | 3 | 2 | 0.10 | 0.00 | 0.10 |
| Total | 508 | 1205 | 87,377.50 | 1,913.21 | 89,290.72 |

2017 Summary of Fatalities for All Hazards by Age and Gender

| | Female | Male | Unknown | Total | Percent |
|----------------|--------|-------|---------|-------|---------|
| 0 to 9 | 12 | 13 | 1 | 26 | 5.12 |
| 10 to 19 | 15 | 25 | 0 | 40 | 7.87 |
| 20 to 29 | 16 | 30 | 0 | 46 | 9.06 |
| 30 to 39 | 12 | 50 | 0 | 62 | 12.20 |
| 40 to 49 | 16 | 40 | 0 | 56 | 11.02 |
| 50 to 59 | 23 | 55 | 0 | 78 | 15.35 |
| 60 to 69 | 15 | 46 | 0 | 61 | 12.01 |
| 70 to 79 | 19 | 34 | 0 | 53 | 10.43 |
| 80 to 89 | 17 | 20 | 0 | 37 | 7.28 |
| 90 to -- | 1 | 1 | 0 | 2 | 0.39 |
| Unknown | 5 | 21 | 21 | 47 | 9.25 |
| Total | 151 | 335 | 22 | 508 | |
| Percent | 29.72 | 65.94 | 4.33 | | |

2017 Monthly Weather Related Fatalities

