



Number of dead and missing caused by natural disaster in Japan (1972-2021)

1. Natural disaster (except sediment-related disaster) was cited from Cabinet office "White paper disaster management in Japan 2021" and others were surveyed by SABO Department, Ministry of Land, Infrastructure, Transport and Tourism.

2. Natural disaster (except sediment-related disaster) includes storm, heavy rain, flood, storm surge, earthquake, tsunami, volcanic eruption, and heavy snow.

3. Number of dead and missing caused by snow avalanche is counted only in "Snow avalanche risk area" where houses are located. Mountain climbers were excluded.

4. Number of dead and missing of debris flow and other sediment discharge phenomena, deep-seated landslide: 54 in 1991 and 31 in 1993, including 43 dead and 1 missing caused by pyroclastic flows in Unzen-Fugendake.

5. Natural disaster (except sediment-related disaster) includes disaster-related death.

6. Number of dead and missing caused by natural disaster (except sediment-related disaster) in 2021 was not published yet.

7. 2 dead caused by heavy rainfall in northern Kyushu in 2017 is included number of dead and missing of debris flow and other sediment discharge phenomena. Because sediment movement phenomena caused 2 dead was unknown.