



EARTHQUAKES - JAPAN

March 2011

Significant earthquakes/tsunamis in Japan 1900 – February 2011

10 costliest events ordered by overall losses



Period	Event	Affected Area	Overall losses	Insured losses	Fatalities
			US\$ m, original values		
17.1.1995	Earthquake	Prefecture Hyogo, Kobe, Osaka, Kyoto	100,000	3,000	6,430
23.10.2004	Earthquakes	Honshu, Niigata, Ojiya, Tokyo, Nagaoka, Yamakoshi	28,000	760	46
16.7.2007	Earthquake	Niigata, Kashiwazaki, Nagaoka, Sanjo, Tsubame, Joetsu, Ojiya, Izumozaki, Kariwa	12,500	335	11
1.9.1923	Earthquake	Tokyo, Yokohama	2,800	590	142,800
12.7.1993	Earthquake, tsunami	Hokkaido S, Honshu NW, esp. Okushiri	1,000	16	247
28.6.1948	Earthquake	Fukui	1,000	minor	3,895
12.6.1978	Earthquake	Honshu island, Sendai	865	2	28
16.6.1964	Earthquake, tsunami	Hodo island, Niigata	800	5	30
13.6.2008	Earthquake, landslides	Eastern Honshu, Furukawa, Miyagi, Kurihara, Morioka, Iwate	570	minor	13
26.5.1983	Earthquake, tsunami	Nihon Kai Chubu, NW of Honshu, Akita, Aomori, Hokkaido	560	26	104

Significant earthquakes/tsunamis in Japan 1900 – February 2011

10 costliest events ordered by insured losses



Period	Event	Affected Area	Overall losses	Insured losses	Fatalities
			US\$ m, original values		
17.1.1995	Earthquake	Prefecture Hyogo, Kobe, Osaka, Kyoto	100,000	3,000	6,430
23.10.2004	Earthquake	Honshu, Niigata, Ojiya, Tokyo, Nagaoka, Yamakoshi	28,000	760	46
1.9.1923	Earthquake	Tokyo, Yokohama	2,800	590	142,800
16.7.2007	Earthquake	Niigata, Kashiwazaki, Nagaoka, Sanjo, Tsubame, Joetsu, Ojiya, Izumozaki, Kariwa	12,500	335	11
10.8.2009	Earthquake	Tokyo, Shizuoka, Makinohara, Honshu	400	250	1
26.7.2003	Earthquake	Honshu, Miyagi, Sendai, Naruse	500	200	
25.3.2007	Earthquake	Noto, Ishikawa-Ken, Wajima, Hokuriku	550	150	1
6.10.2000	Earthquake	Tottori, Shimane and Okayama prefecture, Saihaku, Mizokuchi	500	150	
24.3.2001	Earthquake	Hiroshima Prefecture, Geiyo	500	128	2
20.3.2005	Earthquake	Kyushu, Fukuoka, Genkai, Saga	400	120	1

10 deadliest events

Period	Event	Affected Area	Overall losses	Insured losses	Fatalities
			US\$ m, original values		
1.9.1923	Earthquake	Tokyo, Yokohama	2,800	590	142,800
17.1.1995	Earthquake	Prefecture Hyogo, Kobe, Osaka, Kyoto	100,000	3,000	6,430
28.6.1948	Earthquake	Fukui	1,000		3,895
3.3.1933	Earthquake, tsunami	Sanriku, Kamaishi	25		3,064
7.3.1927	Earthquake	Kita-Tango	40		2,925
20.12.1946	Tsunami	Nankaido			2,000
7.12.1944	Earthquake, tsunami	Tonankai			1,200
Sept. 1943	Earthquake	Tottori			1,083
12.7.1993	Earthquake, tsunami	Hokkaido S, Honshu NW, esp. Okushiri	1,000	16	247
22.5.1960	Tsunami	Onagawa	140		138