

Earthquake Risk Transfer for Indonesia

Overview

With Indonesia, the question is not whether an earthquake will occur but when.

Indonesia is prone to earthquakes because it's on the Ring of Fire, an arc of volcanoes and fault lines in the basin of the Pacific Ocean. The area shaped like a shoe spans 40,000 kilometers (25,000 miles) and is where a majority of the world's earthquakes occur.

EPA Effect on Indonesia Probable Maximum Loss

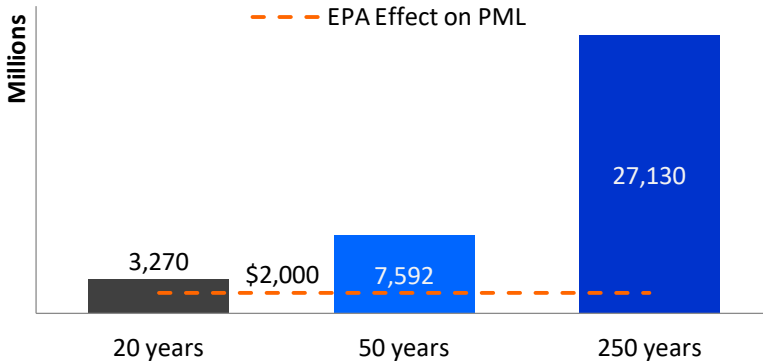


Figure 105. PML - Mean return period in years. Indonesia earthquake Average Annual Loss is \$ 1,116 million (Indonesia Basic Country Statistics and Indicators -2014)⁵².

⁵² <https://www.preventionweb.net/countries/idn/data/>



Indonesia Documented EPAs

				Average Annual Loss
EPA Issued Date	Earthquake	Mag	Status	AAL(Million)
02:54 Jan 22, 2019 ⁵³	05:10 Jan 22, 2019 ⁵⁴	6.4	Hit	\$1,116
02:54 Jan 22, 2019	Jan 23, 2019 ⁵⁵	5.7	Hit	
02:54 Jan 22, 2019	Jan 23, 2019 ⁵⁶	5.0	Hit	
02:54 Jan 22, 2019	Jan 26, 2019 ⁵⁷	5.9	Hit	

Table 13. Documented EPAs issued for Indonesia.

⁵³ <https://www.instagram.com/p/Bs68BF8ADME/>

⁵⁴ <https://www.emsc-csem.org/Earthquake/earthquake.php?id=740042>

⁵⁵ <http://geofon.gfz-potsdam.de/eqinfo/event.php?from=rss&id=gfz2019bpcd>

⁵⁶ <http://geofon.gfz-potsdam.de/eqinfo/event.php?from=rss&id=gfz2019bpea>

⁵⁷ <http://geofon.gfz-potsdam.de/eqinfo/event.php?from=rss&id=gfz2019buhv>

