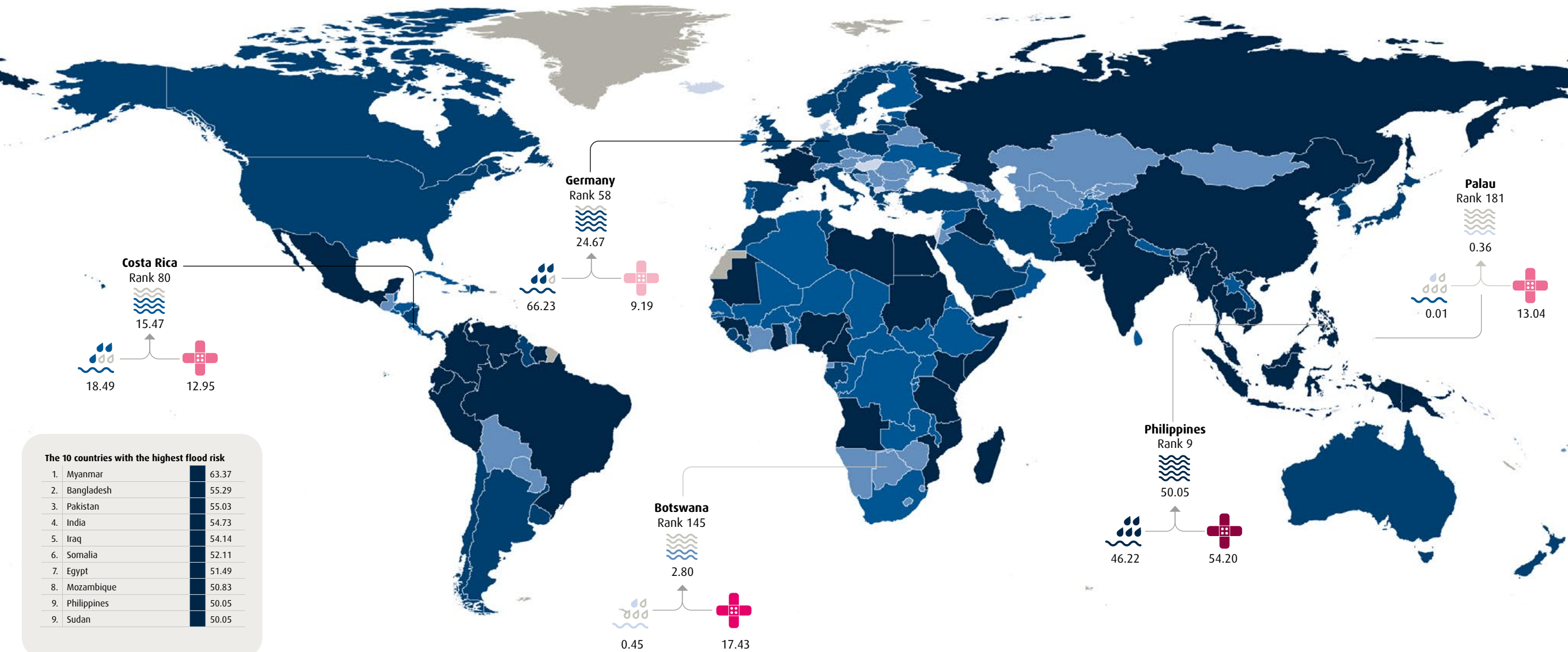


World Map of Flood Risk



Flood risk

Category	Value Range
very low	0.00 - 0.41
low	2.42 - 4.23
medium	4.24 - 15.81
high	15.82 - 31.61
very high	31.62 - 100.00
no data	

Flood exposure

Category	Value Range
very low	0.00 - 0.48
low	0.49 - 0.66
medium	0.67 - 19.47
high	19.48 - 40.96
very high	40.97 - 100.00
no data	

Vulnerability

Category	Value Range
very low	0.00 - 9.90
low	9.91 - 15.87
medium	15.88 - 24.43
high	24.44 - 33.01
very high	33.02 - 100.00
no data	

Data source: Own calculations by IFHV based on FAO, GFDRR, IHME, IDMC, JRC, IMF, ILO, UCDD, UNESCO, UNHCR, UNDRR, WHO, Worldbank, WorldPop, WID.

In addition to geophysical hazards, floods — caused by heavy rainfall, river flooding, or storm surges — represent a central risk for millions of people worldwide. The presented world map shows flood risk based on an adapted calculation approach of the exposure sphere of the WorldRiskIndex. Unlike the classical exposure calculation, only river and coastal floods were considered here to provide a targeted picture of this specific threat type. Particularly high values are found in South and Southeast

Asia, such as in Myanmar, Vietnam, and the Philippines, where high population density, exposed locations, and intense monsoon cycles converge. Strong risks are also evident in parts of West and Central Africa as well as in Latin America (e.g., Colombia, Brazil). Noticeable is the high exposure in countries with large river systems like China, India, or Nigeria. Compared to the classical exposure of the WorldRiskIndex, both overlaps and significant differences can be observed. For example, Bolivia shows an

above-average flood risk, even though it has a low risk in the WorldRiskIndex ranking. These deviations highlight the importance of differentiated risk assessments. The map underscores the necessity of targeted early warning and adaptation strategies in dealing with floods — especially in regions where socio-economic conditions further increase the risk. The complete dataset is available at WorldRiskReport.org.