Pacific Disaster Center *Area Brief: General Executive Summary*	HONOLULU 05:24:47 11 Feb 2017	WASH.D.C. 10:24:47 11 Feb 2017	ZULU 15:24:47 11 Feb 2017	NAIROBI 18:24:47 11 Feb 2017	BANGKOK 22:24:47 11 Feb 2017	TAIPEI 23:24:47 11 Feb 2017

Region Selected » Lower Left Latitude/Longitude: 19.8247 N˚ , 117.2282 E˚
Upper Right Latitude/Longitude: 25.8247 N˚ , 123.2282 E˚

Legend

Population Density (person/sqkm)

0 — 170,000

Situational Awareness

Additional information and analysis is available for Disaster Management Professionals. If you are a Disaster Management Professional and would like to apply for access, please register here. Validation of registration information may take 24-48 hours.

Current Hazards:

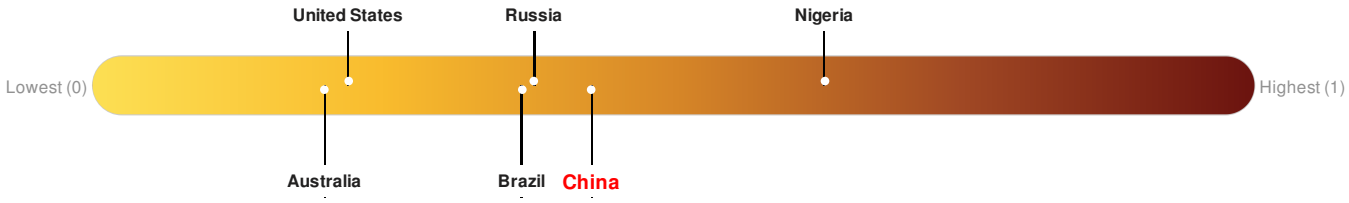
Recent Earthquakes

Event	Severity	Date (UTC)	Magnitude	Depth (km)	Location	Lat/Long
		10-Feb-2017 17:29:25	5.3	15.74	18km S of Tainan, Taiwan	22.82° N / 120.23° E

Source: PDC

Lack of Resilience Index:

Lack of Resilience represents the combination of susceptibility to impact and the relative inability to absorb, respond to, and recover from negative impacts that do occur over the short term. **China** ranks **82** out of **165** on the Lack of Resilience index with a score of 0.43.



China ranks **82** out of **165** on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Environmental Capacity, Governance and Marginalization.

Source: PDC

Regional Overview

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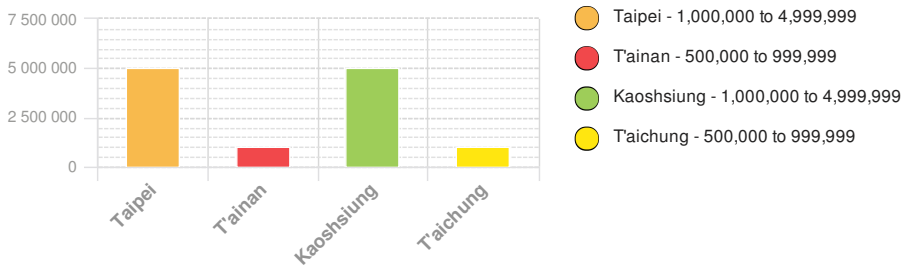
Population Data:

Populated Areas:

2011

Total: 42, 246, 252
Max Density: 92, 175(ppl/km^2)



Source: iSciences

Risk & Vulnerability

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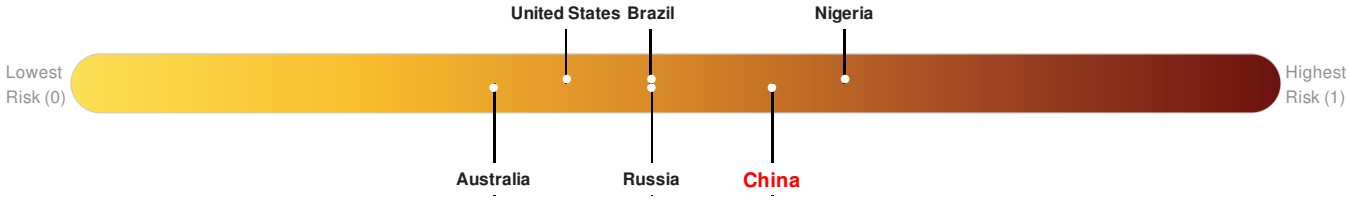
Multi Hazard Risk Index:

China ranks **32** out of **165** on the Multi-Hazard Risk Index with a score of 0.58. China is estimated to have relatively very high overall exposure, low vulnerability, and medium coping capacity.



Source: PDC

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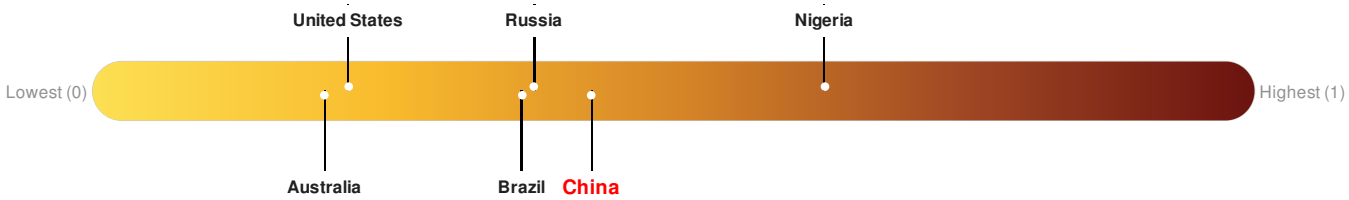

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Historical Hazards

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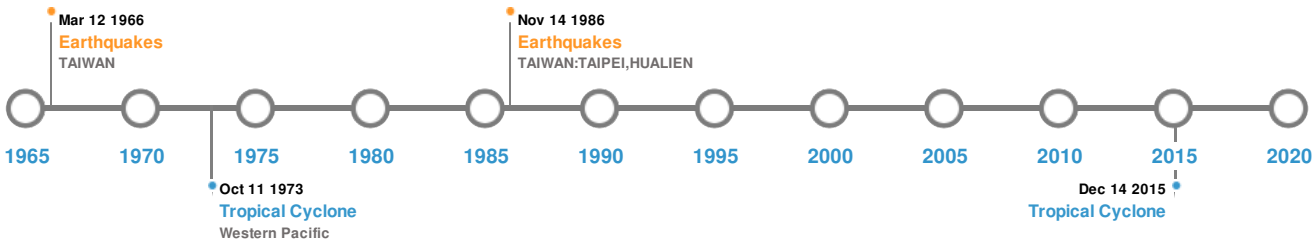
Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

Event	Date (UTC)	Magnitude	Depth (Km)	Location	Lat/Long
	12-Mar-1966 00:16:00	8.00	48	TAIWAN	24.1° N / 122.6° E
	05-Jun-1920 00:04:00	8.00	-	TAIWAN	23.5° N / 122.7° E
	29-Dec-1604 00:00:00	8.00	-	CHINA: FUJIAN PROVINCE: OFF COAST	25° N / 119.5° E
	14-Nov-1986 00:21:00	7.80	34	TAIWAN: TAIPEI, HUALIEN	23.9° N / 121.57° E
	12-Apr-1910 00:00:00	7.80	200	TAIWAN	25.5° N / 122.5° E

Source: Earthquakes

Volcanic Eruptions:

5 Largest Volcanic Eruptions (Last updated in 2000)

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	UNNAMED	15-Jan-1854 00:00:00	2.00	TAIWAN-E OF	21.83° N / 121.18° E
	UNNAMED	29-Oct-1853 00:00:00	2.00	TAIWAN-E OF	24° N / 121.83° E

Event	Name	Date (UTC)	Volcanic Explosivity Index	Location	Lat/Long
	UNNAMED	15-Jan-1854 00:00:00	1.00	LUZON IS-N OF	20.33° N / 121.75° E
	UNNAMED	01-Oct-1773 00:00:00	0.00	LUZON IS-N OF	20.33° N / 121.75° E

Source: Volcanoes

Tsunami Runups:

5 Largest Tsunami Runups

Event	Date (UTC)	Country	Runup (m)	Deaths	Location	Lat/Long
	09-Aug-1792 00:00:00	TAIWAN	10	-	LUERMEN, TAINAN CITY	22.97° N / 120.17° E
	22-May-1960 20:30:00	TAIWAN	1.1	-	KEELUNG	25.15° N / 121.75° E
	06-May-1917 00:00:00	TAIWAN	0.5	-	KEELUNG	25.15° N / 121.75° E
	22-Oct-1951 00:00:00	TAIWAN	0.3	-	HUALIEN	23.97° N / 121.62° E
	13-Feb-1963 00:00:00	TAIWAN	0.2	-	HUALIEN	23.97° N / 121.62° E

Source: Tsunamis

Tropical Cyclones:

5 Largest Tropical Cyclones

Event	Name	Start/End Date(UTC)	Max Wind Speed (mph)	Min Pressure (mb)	Location	Lat/Long
	SALLY	03-Sep-1964 06:00:00 - 11-Sep-1964 12:00:00	196	No Data	Western Pacific	18.13° N / 133.15° E
	JOAN	25-Aug-1959 12:00:00 - 31-Aug-1959 12:00:00	196	No Data	Western Pacific	22.51° N / 130° E
	GRACE	29-Aug-1958 18:00:00 - 05-Sep-1958 06:00:00	190	No Data	Western Pacific	22.63° N / 131.45° E
	MERANTI	10-Sep-2016 09:00:00 - 14-Sep-2016 21:00:00	190	-	-	22.66° N / 120.16° E
	NORA	01-Oct-1973 06:00:00 - 11-Oct-1973 00:00:00	184	No Data	Western Pacific	18.08° N / 126.45° E

Source: Tropical Cyclones

Disclosures

* As defined by the source (Dartmouth Flood Observatory, University of Colorado), Flood Magnitude = LOG(Duration x Severity x Affected Area). Severity classes are based on estimated recurrence intervals and other criteria.

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