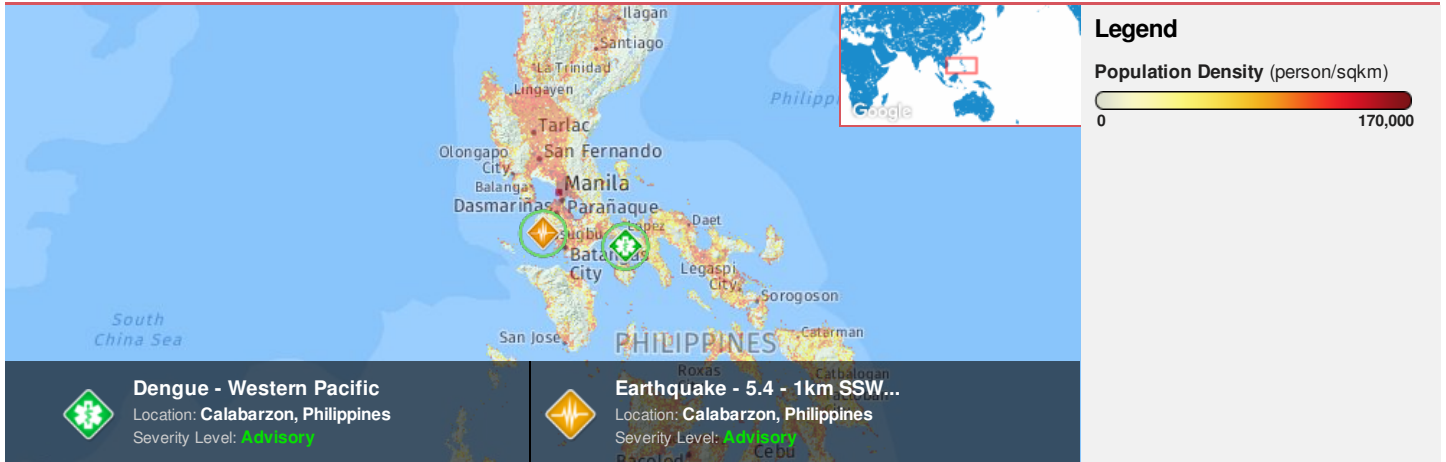




Region Selected » Lower Left Latitude/Longitude: 10.9773 N° , 117.7182 E°
 Upper Right Latitude/Longitude: 16.9773 N° , 123.7182 E°





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:

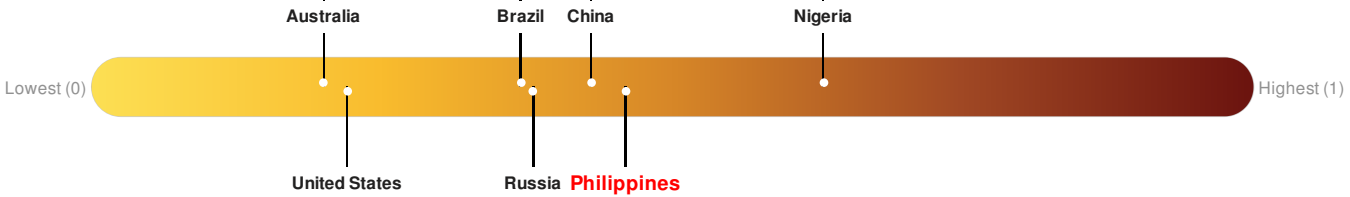
| Recent Earthquakes | | | | | | |
|--|---|----------------------|-----------|------------|-------------------------------|----------------------|
| Event | Severity | Date (UTC) | Magnitude | Depth (km) | Location | Lat/Long |
|  |  | 22-Oct-2017 14:40:45 | 5.4 | 198.22 | 1km SSW of Putol, Philippines | 13.98° N / 120.72° E |

| Active Bio Medical | | | | |
|--|---|----------------------|--------------------------|----------------------|
| Event | Severity | Date (UTC) | Name | Lat/Long |
|  |  | 06-Jul-2015 19:12:07 | Dengue - Western Pacific | 13.79° N / 121.98° 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. **Philippines** ranks **64** out of **165** on the Lack of Resilience index with a score of 0.46.



Philippines ranks **64** 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 Recent Disaster Impacts, Environmental Capacity and Governance.

Source: [PDC](#)

Regional Overview

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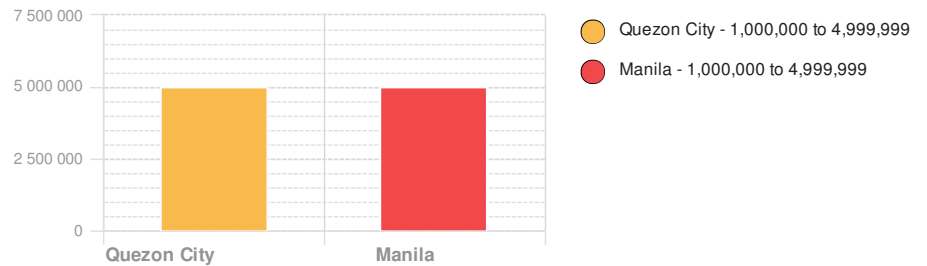
Population Data:

2011

Total: 46,933,620

Max Density: 107,866(ppl/km²)

Populated Areas:



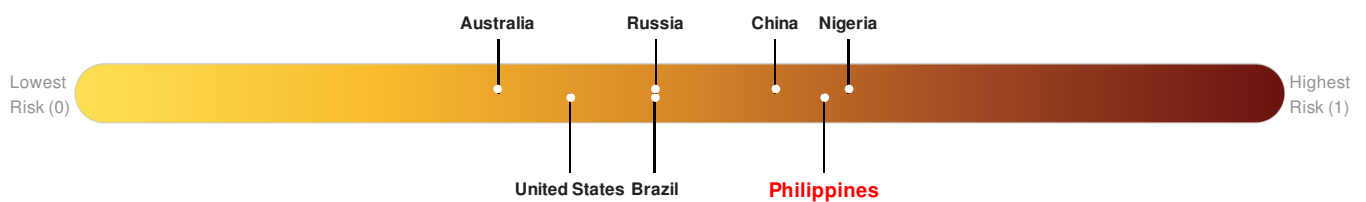
Source: [iSciences](#)

Risk & Vulnerability

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Multi Hazard Risk Index:

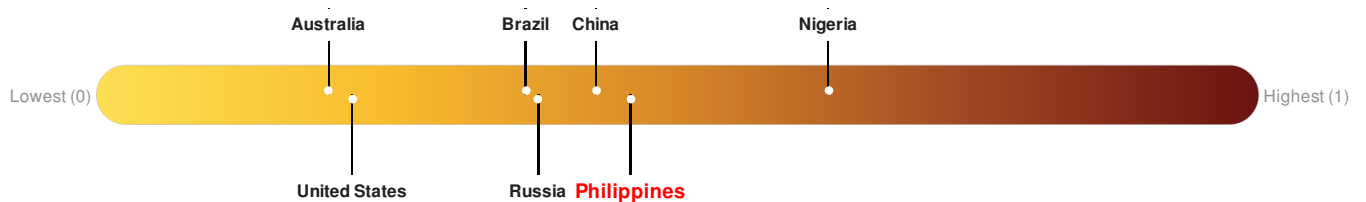
Philippines ranks 16 out of 165 on the Multi-Hazard Risk Index with a score of 0.62. Philippines is estimated to have relatively very high overall exposure, medium vulnerability, and medium coping capacity.



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. **Philippines** ranks 64 out of 165 on the Lack of Resilience index with a score of 0.46.



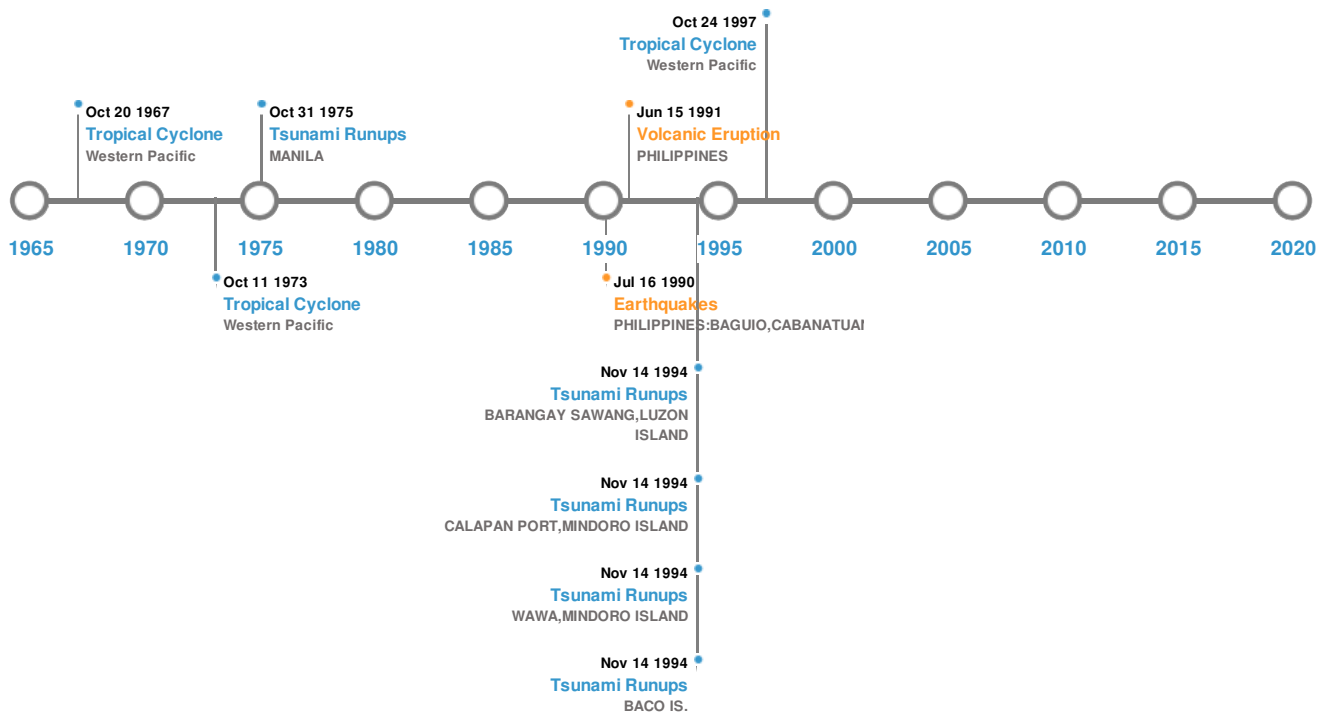
Philippines ranks 64 out of 165 on the Lack of Resilience Index. Based on the sub-component scores related to Vulnerability and Coping Capacity, the three thematic areas with the weakest relative scores are Recent Disaster Impacts, Environmental Capacity and Governance.

Source: [PDC](#)

Historical Hazards

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.

Historical Hazards:



Earthquakes:

5 Largest Earthquakes (Resulting in significant damage or deaths)

| Event | Date (UTC) | Magnitude | Depth (Km) | Location | Lat/Long |
|---|----------------------|-----------|------------|--|----------------------|
|  | 14-Sep-1627 00:00:00 | 8.00 | - | PHILIPPINES: W. LUZON ISLAND: CAGAYAN | 16° N / 121° E |
|  | 16-Jul-1990 00:07:00 | 7.80 | 25 | PHILIPPINES: BAGUIO, CABANATUAN, DAGUPAN | 15.68° N / 121.17° E |
|  | 08-Apr-1942 00:15:00 | 7.80 | 25 | PHILIPPINES: MINDORO | 13.5° N / 121° E |
|  | 14-Dec-1901 00:22:00 | 7.80 | 60 | PHILIPPINES: LUZON | 14° N / 122° E |
|  | 18-Apr-1907 00:20:00 | 7.60 | - | PHILIPPINES: SE LUZON: CAMARINES | 14° N / 123° E |

Source: [Earthquakes](#)

Volcanic Eruptions:






5 Largest Volcanic Eruptions (Last updated in 2000)

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|----------|----------------------|----------------------------|-------------------|----------------------|
|  | PINATUBO | 15-Jun-1991 00:00:00 | 6.00 | PHILIPPINES | 15.13° N / 120.35° E |
| | TAAL | 28-Sep-1965 00:00:00 | 4.00 | LUZON-PHILIPPINES | 14° N / 120.99° E |

| Event | Name | Date (UTC) | Volcanic Explosivity Index | Location | Lat/Long |
|---|-------|----------------------|----------------------------|-------------------|----------------------|
|  | TAAL | 27-Jan-1911 00:00:00 | 4.00 | LUZON-PHILIPPINES | 14° N / 120.99° E |
|  | MAYON | 01-Feb-1814 00:00:00 | 4.00 | LUZON-PHILIPPINES | 13.26° N / 123.68° E |
|  | TAAL | 01-Jan-1645 00:00:00 | 4.00 | LUZON-PHILIPPINES | 14° N / 120.99° E |






Source: [Volcanoes](#)

Tsunami Runups:

| 5 Largest Tsunami Runups | | | | | | |
|---|----------------------|-------------|-----------|--------|-------------------------------|----------------------|
| Event | Date (UTC) | Country | Runup (m) | Deaths | Location | Lat/Long |
|  | 14-Nov-1994 00:00:00 | PHILIPPINES | 7.3 | - | BACO IS. | 13.45° N / 121.15° E |
|  | 14-Nov-1994 00:00:00 | PHILIPPINES | 4 | 6 | WAWA, MINDORO ISLAND | 13.41° N / 121.14° E |
|  | 31-Oct-1975 00:00:00 | PHILIPPINES | 4 | - | MANILA | 14.6° N / 120.98° E |
|  | 14-Nov-1994 00:00:00 | PHILIPPINES | 3.96 | - | CALAPAN PORT, MINDORO ISLAND | 13.43° N / 121.19° E |
|  | 14-Nov-1994 00:00:00 | PHILIPPINES | 3.85 | - | BARANGAY SAWANG, LUZON ISLAND | 13.63° N / 121.23° 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 |
|  | OPAL | 09-Dec-1964 00:00:00 - 16-Dec-1964 00:00:00 | 196 | No Data | Western Pacific | 11° N / 136.85° E |
|  | LOUISE | 15-Nov-1964 12:00:00 - 20-Nov-1964 12:00:00 | 190 | No Data | Western Pacific | 9.26° N / 130.65° 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 |
|  | IVAN | 13-Oct-1997 12:00:00 - 24-Oct-1997 12:00:00 | 184 | No Data | Western Pacific | 18.53° N / 137.45° E |
|  | CARLA | 12-Oct-1967 12:00:00 - 20-Oct-1967 00:00:00 | 184 | No Data | Western Pacific | 15.38° N / 124.8° 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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