



THE PHILIPPINES

NCR

NDPBA PROVINCE PROFILE

THE PHILIPPINES

NCR

CAPITAL:

Area: 620 km²

The National Capital Region (NCR) is the only region in the country with no provinces designated. NCR is located on Luzon within the Manila Bay and also borders Laguna Lake. The climate in NCR is tropical with often high humidity. An estimated 13 percent of the entire population of the Philippines lives in the region. Metro Manila is the economic center of the entire country leading in commercial and industrial industries. Being an economic hub, the region is highly urbanized. There are still many challenges faced by the region, including nutritional and housing vulnerabilities. Located within typhoon and seismic hazard zones, the population is highly exposed. In addition, the COVID-19 pandemic has been detrimental, with reports showing the highest deaths and number of cases within the NCR.



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - High
Score: 0.496 • Rank: 46/84



RESILIENCE (R) - Very High
Score: 0.697 • Rank: 2/84



MULTI-HAZARD EXPOSURE (MHE) - Very High
Score: 0.883 • Rank: 2/84



VULNERABILITY (V) - Very Low
Score: 0.273 • Rank: 83/84



COPING CAPACITY (CC) - Very High
Score: 0.667 • Rank: 4/84



Population (2018)
12,623,010



Population in Poverty
1.5%



Literate population
99.8%



Access to improved water
98.5%



Average life expectancy
72.1 years

*For more information on data and components please visit: <https://bit.ly/2LqVoUO>



MULTI-HAZARD EXPOSURE (MHE)

RANK: 1 / 84 PROVINCES
SCORE: 0.883



MHE
0.883

Raw MHE
1.0
Relative MHE
0.765

ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:



Earthquake

99%

12,556,544
\$156.1 Billion



Tsunami

<1%

83,777
\$434.5 Million



Flood

71%

9,020,292
\$119.6 Billion



Liquefaction

45%

5,714,230
\$74.2 Billion



Landslide

<1%

13
-



Volcano

<1%

37,861
\$472 Million



Drought

-
-
-



Wildfire

44%

5,537,318
\$66.6 Billion



Storm Surge

22%

2,763,038
\$33.7 Billion



Typhoon Winds

100%

12,606,841
\$156.8 Billion




VULNERABILITY (V)

RANK: 83 / 84 PROVINCES ASSESSED
SCORE: 0.273

Vulnerability in NCR is primarily driven by Population Pressures and Environmental Stress. The bar chart indicates the socioeconomic themes contributing to the province's overall Vulnerability score.



Environmental Stress

0  1 **SCORE: 0.481** **RANK: 38/84 PROVINCES ASSESSED**

5.51 Livestock density
0.87 Barren land (per 10k hectares)
0.14% Forest cover change



Vulnerable Health Status

0  1 **SCORE: 0.3** **RANK: 74/84 PROVINCES ASSESSED**

6.4% Malnutrition among children (0 to 5 years old)
15.04 Infant mortality rate (per 1k live births)
60.16 Maternal mortality rate (per 100k live births)
72.13 Life expectancy
54 Disability (per 100k persons)

29.3 Tuberculosis mortality rate (per 100k persons)
1.3 HIV mortality rate (per 100k persons)
4 Intestinal disease mortality rate (per 100k persons)
1 Other arthropod-borne viral fevers and viral hemorrhagic fever mortality rate (per 100k persons)



Clean Water Vulnerability

0  1 **SCORE: 0.183** **RANK: 79/84 PROVINCES ASSESSED**

98.5% Households with improved safe water source
93.1% Households with sanitary toilet facility



Information Access Vulnerability

0  1 **SCORE: 0.224** **RANK: 79/84 PROVINCES ASSESSED**

99.82% Literacy rate (age 10 and older)
93.52% Gross primary school enrollment rate
27.63% Internet Access
71.24% Households with radio
93.22% Households with television



Economic Constraints



SCORE: 0

RANK: 84/84 PROVINCES ASSESSED

0.45

Economic
dependency
ratio

1.46%

Poverty
incidence



Gender Inequality



SCORE: 0.195

RANK: 81/84 PROVINCES ASSESSED

1.06

Female to male
secondary school
enrollment Rate

0.66

Labor force
participation ratio



Population Pressures



SCORE: 0.53

RANK: 13/84 PROVINCES ASSESSED

1.58

Population
growth rate
(2010-2015)

1.67

Average annual
urban population
growth rate

4.0%

Informal settlers




COPING CAPACITY (CC)

RANK: 4 / 84 PROVINCES ASSESSED
SCORE: 0.667

NCR exhibits weaker Coping Capacity in the areas of Emergency Services Capacity and Governance. The bar chart indicates the socioeconomic themes contributing to the province's overall Coping Capacity score.



Economic Capacity

0  1 **SCORE: 0.787** **RANK: 6/84 PROVINCES ASSESSED**

0.92

Purchasing power of the peso

63.70%


Labor force participation rate

7272.34

Local government annual regular income per capita (Philippine Peso)



Governance

0  1 **SCORE: 0.584** **RANK: 60/84 PROVINCES ASSESSED**

78.6%

Voter participation

14.95

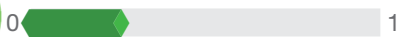
Organized violence (per 100k persons)

96.69%

Garbage pickup



Environmental Capacity

0  1 **SCORE: 0.268** **RANK: 62/84 PROVINCES ASSESSED**

28.12

Protected areas (per 1k ha)

0.0%

Forest reserves



Infrastructure Capacity

0 1 **SCORE: 0.765** **RANK: 1/84 PROVINCES ASSESSED**



Health Care Capacity **SCORE: 0.435** **RANK: 56/84 PROVINCES ASSESSED**

6.64	1.08	68.36%	7.47
Hopital beds (per 10k people)	Physicians per 10,000 people	Vaccination coverage	Average distance to nearest hospital (km)



Transportation Capacity **SCORE: 0.778** **RANK: 6/84 PROVINCES ASSESSED**

291.71	25.68
Road density (km per sq. km)	Average distance to nearest port (km)



Communications Capacity **SCORE: 1** **RANK: 1/84 PROVINCES ASSESSED**

25.4%	100.0%
Households with a landline	Mobile coverage



Energy Capacity **SCORE: 0.992** **RANK: 1/84 PROVINCES ASSESSED**

97.3%	77.7%
Households with electricity	Households with gas



Emergency Services Capacity **SCORE: 0.182** **RANK: 78/84 PROVINCES ASSESSED**

3.47	1	1.03
Evacuation centers (per 100k persons)	Fire Stations (per 100k persons)	Fire Trucks (per 100k persons)



RESILIENCE (R)

RANK: 2 / 84 PROVINCES ASSESSED
SCORE: 0.697

NCR's score and ranking are due to Very Low Vulnerability combined with Very High Coping Capacity scores.

Below are the four thematic areas with the weakest relative scores:



Population Pressures



Environmental Stress



Emergency Services Capacity



Governance



HAZARD-SPECIFIC RISK (HSR)



Earthquake

RANK: 31 / 84 PROVINCES ASSESSED
SCORE: 0.301



Tsunami

RANK: 18 / 84 PROVINCES ASSESSED
SCORE: 0.141



Flood

RANK: 20 / 84 PROVINCES ASSESSED
SCORE: 0.264



Liquefaction

RANK: 27 / 84 PROVINCES ASSESSED
SCORE: 0.223



Landslide

RANK: 83 / 84 PROVINCES ASSESSED
SCORE: 0.000



Volcano

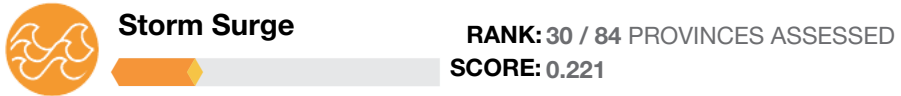
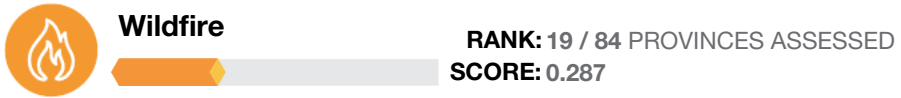
RANK: 31 / 84 PROVINCES ASSESSED
SCORE: 0.128



Drought

RANK: 58 / 84 PROVINCES ASSESSED
SCORE: 0.000

(HAZARD-SPECIFIC RISK CONTINUED)



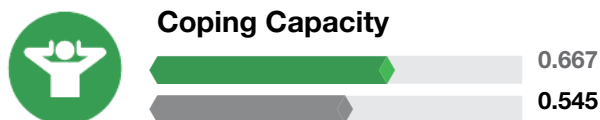
MULTI-HAZARD RISK (MHR)

25 / 84
RANK WITHIN PROVINCES
Score: 0.496

NCR's score and ranking are due to Very High Multi-hazard exposure combined with Very Low Vulnerability and Very High Coping Capacity scores.

Multi-hazard risk component scores compared to overall average country scores:

PROVINCE SCORE
COUNTRY SCORE



NCR RECOMMENDATIONS

1

Population Pressures

- Findings show that NCR is ranked 4th in the Philippines for informal settlers, which accounts for 4% of the population. Continue to monitor the growth of the population and plan resource allocation appropriately. Work with diverse partners to help stimulate the economy to support increased public demands. Ensure equitable distribution of resources and services.
- Environmental stress is already leading to vulnerabilities in NCR. Enforce building codes and environmental protection laws to ensure expansion is sustainable. Also, focus efforts on bringing in funds and innovations for enhancing the built environment.

2

Environmental Stress

- NCR is ranked highest in the Philippines for multi-hazard exposure. Mitigate potential hazard impacts by promoting sustainable agriculture and protection of natural areas through policies and investments. Focus efforts on increasing forest cover, decreasing areas classified as barren land and reduced livestock density.

3

Emergency Services Capacity

- NCR is ranked 78th out of the 84 territories for emergency service capacity. There are 1.0 fire truck per 100,000 persons, which is the 7th lowest in the Philippines. Continue work with partners such as the Philippines Red Cross to expand and enhance emergency service capacity. Increase the number of evacuation centers, fire stations and fire trucks to serve the population and increase emergency service capacity.
- Wildfires expose 43.9% of the population and 42.3% of capital stock in NCR. NCR is also ranked highest in multi-hazard exposure. Investing in increased resources for the fire department can help reduce impacts from Wildfires and be leveraged for other response actions.
- Continue to support evidence-based preparedness and response coordination, including the provision of emergency equipment and supplies. Additionally, increase efforts to have a central database that makes sub-national data on disaster management capabilities and resources more accessible. Increasing transparency through sharing data will ensure efficient and effective coordination at all levels of government, as well as with partners.

4

Governance

- Continue to work with local and international partners to achieve good governance related goals in the NCR. Focus efforts on increasing voter participation and decreasing organized violence.
- Voter participation in the NCR is estimated at only 79%. Organized violence is occurring at a rate of 15 incidents per 100,000 persons. Keep up efforts to actively seek public participation in government and incorporate feedback.

**Better solutions.
Fewer disasters.**

Safer world.

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