



PANAMÁ

HERRERA

**NDPBA PROVINCES AND INDIGENOUS COMARCAS
PROFILE**

PANAMÁ HERRERA

CAPITAL: CHITRÉ

Area: 2,362 km²

The Herrera province is located in the central region of Panama. This Province is divided into 7 districts: Chitré (The Capital), Las Minas, Los Pozos, Océ, Parita, Pesé and Santa María. The province borders Veraguas to the west, Los Santos to the south, Coclé to the north and the Pacific Ocean to the west. The main economic sources are sugar cane, cattle and fishing.



RISK AND VULNERABILITY COMPONENT SCORE



MULTI-HAZARD RISK (MHR) - Very Low
Score: 0.383 • Rank: 13/13



RESILIENCE (R) - High
Score: 0.644 • Rank: 3/13



MULTI-HAZARD EXPOSURE (MHE) - Low
Score: 0.437 • Rank: 9/13



VULNERABILITY (V) - Low
Score: 0.351 • Rank: 11/13



COPING CAPACITY (CC) - Very High
Score: 0.638 • Rank: 1/13



Population (2020 Estimate)
118,982



Population in poverty
13.8%



Average years in school
9.1



Access to improved water
0.8% households



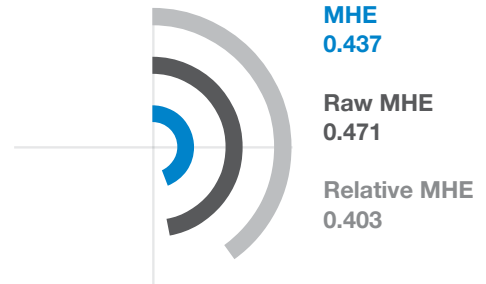
Infant mortality rate
(per 1,000 live births)
8

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



MULTI-HAZARD EXPOSURE (MHE)

**RANK: 9 / 13 PROVINCES AND
INDIGENOUS COMARCAS**
SCORE: 0.437



ESTIMATED POPULATION AND CAPITAL EXPOSED TO EACH HAZARD:



Earthquake

37.6%
44,902
1.3 Billion



Flood

8.0%
9,512
83.7 Million



Landslide

0.2%
200
1.2 Million



Storm Surge

0.1%
137
1.3 Million



Sea Level Rise

22.6%
27,048
168.2 Million



Wildfire

14.0%
16,677
37.7 Million



Tsunami

1.0%
1,142
45 Thousand



VULNERABILITY (V)

RANK: 11 / 13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED
SCORE: 0.351

Vulnerability in Herrera is primarily driven by Gender Inequality and Environmental Stress. The bar charts indicate the socioeconomic themes contributing to the overall Vulnerability score.



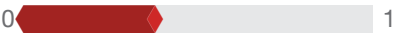
Environmental Stress SCORE: 0.620 RANK: 3/13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED



0.08% Percent forest cover lost	96.91 Density of livestock per sq. km	98.8% Percent of freshwater consumption to production
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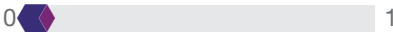
Vulnerable Health Status SCORE: 0.382 RANK: 7/13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED



103.8 Dengue incidence per 100,000 persons	5.9 AIDS incidence per 100,000 persons	0 Malaria Incidence per 100,000 persons	9.3 TB incidence per 100,000 persons	4.0% Prevalence of stunting	4.6% Disability	124.15 Maternal Mortality Rate per 100,000 live births
7.5 Infant mortality per 1,000 live births	78.76 Life expectancy					



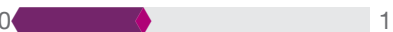
Clean Water Vulnerability SCORE: 0.063 RANK: 12/13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED



0.8% Households with access to improved drinking water	98.9% Households with access to improved sanitation
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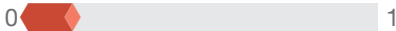
Information Access Vulnerability SCORE: 0.360 RANK: 7/13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED



72.8% Households with radio	89.7% Households with TV	56.3% Households with internet	75.4% School attendance rate	9.07 Average years of schooling	5.3% Illiteracy rate
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Economic Constraints SCORE: 0.129 RANK: 10/13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED



13.8% Poverty rate
0.52 Economic dependency ratio



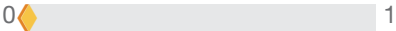
Gender Inequality SCORE: 0.891 RANK: 1/13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED



0.25 Ratio female to male secondary enrollment
0.41 Ratio female to male labor
0.05 Proportion of female seats in local government



Population Pressures SCORE: 0.010 RANK: 13/13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED



2.7% Average annual urban population change
0.2% Percent average population change



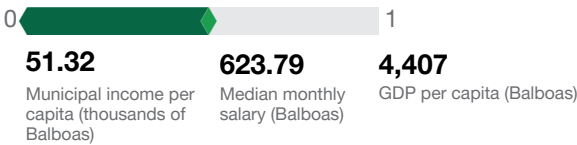
COPING CAPACITY (CC)

RANK: 1 / 13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED
SCORE: 0.638

Herrera exhibits weaker Coping Capacity in the areas of Economic Capacity and Governance. The bar charts indicate the socioeconomic themes contributing to the overall Coping Capacity score.



Economic Capacity SCORE: 0.527 RANK: 5/13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED



Governance SCORE: 0.612 RANK: 3/0,612 PROVINCES AND INDIGENOUS COMARCAS ASSESSED



Environmental Capacity SCORE: 0.457 RANK: 13/13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED



Infrastructure Capacity SCORE: 0.836 RANK: 1/13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED



Health Care Capacity SCORE: 0.866 RANK: 1/13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED



Transportation Capacity SCORE: 0.788 RANK: 1/13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED



Communications Capacity SCORE: 0.776 RANK: 4/13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED



Energy Capacity SCORE: 0.914 RANK: 5/13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED





RESILIENCE (R)

RANK: 3 / 13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED
SCORE: 0.644

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

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



Gender Inequality



Environmental Stress



Economic Capacity



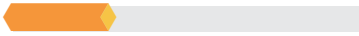
Governance



HAZARD-SPECIFIC RISK (HSR)



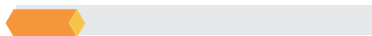
Earthquake



RANK: 7 / 13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED
SCORE: 0.283



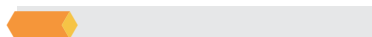
Flood



RANK: 6 / 13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED
SCORE: 0.183



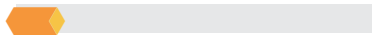
Sea Level Rise



RANK: 11 / 13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED
SCORE: 0.160



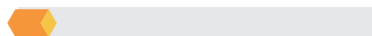
Storm Surge



RANK: 11 / 13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED
SCORE: 0.125



Landslide



RANK: 10 / 13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED
SCORE: 0.097



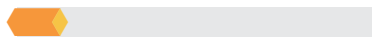
Wildfire



RANK: 9 / 13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED
SCORE: 0.180



Tsunami



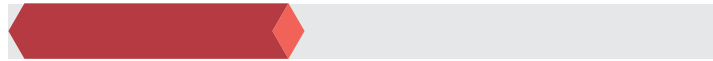
RANK: 9 / 13 PROVINCES AND INDIGENOUS COMARCAS ASSESSED
SCORE: 0.132



MULTI-HAZARD RISK (MHR)

13 / 13

RANK WITHIN PROVINCES AND
INDIGENOUS COMARCAS
SCORE: 0.383

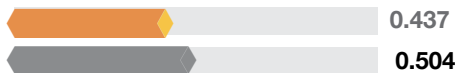


Herrera's score and ranking are due to Low Multi-hazard Exposure combined with Low Vulnerability and Very High Coping Capacity scores.^{2,362}

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



Multi-Hazard Exposure



Vulnerability



Coping Capacity



HERRERA RECOMMENDATIONS



Gender Inequality

Herrera province ranks highest in the country in overall Gender Inequality, driven by the combination of high gender disparities in secondary education enrollment rates, limited participation of women in the labor force, and female underrepresentation in local government.

Boost labor participation by promoting workforce opportunities for women that include provisions for family support, such as quality, affordable childcare. Support equal pay for equal work to foster economic growth and reduce economic dependency.

Design and implement intervention strategies to promote and sustain engagement of both male and female students in secondary-level education and reduce dropout rates. Promote development and empowerment of young people through social support structures and employment opportunities including diverse school-to-work programs and leadership academies.

HERRERA RECOMMENDATIONS

2

Environmental Stress

Climate change and unsustainable development contribute to food insecurity, uninhabitable environments, internally displaced people, forced migration, and economic upheaval. Herrera ranks 3rd in Panama for environmental stress. High poverty rates and income inequality can further be exacerbated with inadequate planning and unchecked development. Herrera also ranks low in overall Economic Capacity, which the drivers of environmental stress can aggravate.

Environmental protection is vital to ensuring sustainable development within the country, and land management is essential to monitor ecological stress while balancing economic use closely. Promote sustainable agriculture and develop long-term goals to promote stability within the agriculture industry and ensure stable workforce economic opportunities. Provide educational training to both private and public entities to educate on sustainable development and to develop sustainable metrics ensuring overdevelopment does not take place.

HERRERA RECOMMENDATIONS

3

Economic Capacity

Socioeconomic deprivation increases dependency on limited both government resources and individuals and limits economic opportunity and mobility. Lack of economic capacity increases criminal activity, provides opportunities for transnational criminal organizations to gain influence, and stresses relationships between individuals and civil society.

Encourage programs to generate public revenue and create new job opportunities. Address existing public policy to limit inflation and ensure equal employment opportunities, especially for marginalized populations. Expand and provide equal opportunity programs for disparate people to increase economic opportunity for all.

Design and implement intervention strategies to promote and sustain engagement of both male and female students in secondary-level education and reduce dropout rates. Promote development and empowerment of young people through social support structures and employment opportunities including diverse school-to-work programs and leadership academies.

HERRERA RECOMMENDATIONS

4

Governance

Challenges in governance can undermine stability for civil society creating further stress among disparate and disadvantaged populations. While Herrera ranks higher on governance than most provinces, the low economic capacity combined with high gender inequality and environmental stress can contribute to many correlated issues such as crime, employment, the disparity between females and males, and governance.

Provide financial and technical assistance to law enforcement to adequately address criminal activity. Identify underlying factors and drivers of illegal activity to ensure targeted actions with government resources are best utilized to reduce criminal activity. Develop methods for measures of performance and measures of effectiveness to use limited government resources best. Identify feedback mechanisms for the public to best understand and identify issues of governance within civil society.

**Better solutions.
Fewer disasters.**

Safer world.

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