

PACIFIC RISK PROFILE KIRIBATI



Basic Country Statistics

Maximum Height Above Sea-level

81 m

Pacific Community (SPC) at
<https://www.spc.int/our-members/>

Land Area
811 km²

Pacific Community (SPC) at
<https://www.spc.int/our-members/>

Per cent of Urban Population

57%

SPC Pocket Statistical Summary
2020 at https://sdd.spc.int/digital_library/pocket-statistical-summary-resume-statistique-de-poche-2020

Per cent of Coastal Population

100%

People live within 1 km of the coast

100%

People live within 5 km of the coast

100%

People live within 10 km of the coast

SPC Statistics (Map) <https://sdd.spc.int/mapping-coastal>



Total Population
(2020 Estimate)

118,749
persons



Total Male &
Female Population
(2020 Estimate)

Male
58,507
persons or 49.27%

Female
60,242
persons or 50.73%

SPC Statistics (Population) at
<https://sdd.spc.int/topic/population>

Gross Domestic Product
(GDP) per Capita

US\$1,636
(2016)

SPC Pocket Statistical Summary 2020
at https://sdd.spc.int/digital_library/pocket-statistical-summary-resume-statistique-de-poche-2020

Per cent of Children,
Youth and Elderly

Children (<14)
35%

Youth (15-24)
18%

Elderly (60+)
6%



Population Density

146 persons/km²

SPC Pocket Statistical Summary 2020
at https://sdd.spc.int/digital_library/pocket-statistical-summary-resume-statistique-de-poche-2020



Disability Prevalence

4.1%

UNESCAP (2019) Disability at a
Glance at <https://www.unescap.org/publications/disability-glance-2019>

Women's Share
of Managerial
Positions

36.5%

Women's
Labour Force
Participation Rate

52%

Women's Share of
Wage Employment in
the Non-agriculture
Sector

47.4%

Ever-Partnered
Women Experienced
Violence by Intimate
Partner

68%

ADB (2016) Gender Statistics for the
Pacific and Timor-Leste at <https://www.adb.org/publications/gender-statistics-pacific-and-timor-lesle>

Pacific Risk Profile is a snapshot of climate and disaster risk information that is collected from credible open data sources. It is intended to provide DFAT program managers and implementing partners with easy access to essential risk information. When employing risk information in specific program contexts, however, it is strongly encouraged to study the original risk information sources or even undertake proper risk assessments.

For more information or other technical support, you may contact the Australia Pacific Climate Partnership Support Unit at helpdesk@apclimatepartnership.com.au.

Published in July 2021

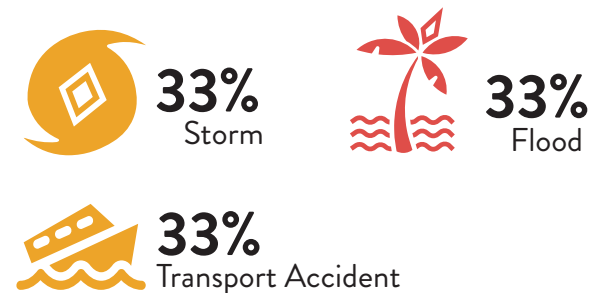
Hazard Likelihood



ThinkHazard! at <https://thinkhazard.org/en/report/135-kiribati>

Major Disasters 2011-2020

Per cent of Disaster Type
(Major Disasters 2011-2020)



Total Population
Affected



Number of Major
Cyclones in 2011-2020



EM-DAT Database (February 2021) at <https://www.emdat.be/>

Economic Loss Due to Disasters

Total Average Annual
Losses (AAL)

US\$7.46 million

UNESCAP (2020) The Disaster Riskscape across the Pacific Small Island Developing States at <https://www.unescap.org/sites/default/files/100-APDR-Subreport-Pacific-SIDS.pdf>

AAL as a Percentage of GDP

3.77%

UNESCAP (2020) The Disaster Riskscape across the Pacific Small Island Developing States

Adaptation Costs for Coastal Protection

US\$17~54 million per year

or 4~11% of projected GDP in 2040

World Bank (2017) Climate Change and Disaster Management (Pacific Possible Background Paper No.6) at <https://openknowledge.worldbank.org/handle/10986/28137>

Risk Index

World Risk index

Kiribati ranked 18th
among the countries with the
highest disaster risk.

Exposure - Very High
Vulnerability - High
Susceptibility - High
Lack of Coping Capacities - High
Lack of Adaptive Capacities - High

World Risk Report 2020 at
<https://reliefweb.int/sites/reliefweb.int/files/resources/WorldRiskReport-2020.pdf>

Climate Risk Index for 1999-2018

Between 1999 and 2018, **Kiribati** was the **134th** country most affected by extreme weather events.

Global Climate Risk Index 2020 at <https://www.germanwatch.org/en/17307>



INFORM Covid-19 Risk

Kiribati's risk level is high when assessing the potential humanitarian impacts of Covid-19 in combination with other pre-existing crisis risks.

INFORM Covid-19 Warning (beta version) at [https://dmkc.jrc.ec.europa.eu/inform-index/INFORM-Covid-19/INFORM-Covid-19-Warning-beta-version-\(out-of-191-countries\)](https://dmkc.jrc.ec.europa.eu/inform-index/INFORM-Covid-19/INFORM-Covid-19-Warning-beta-version-(out-of-191-countries))

Climate Projection

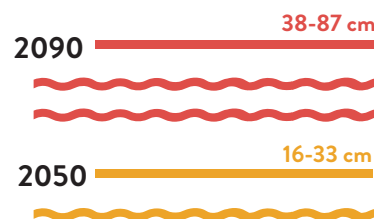
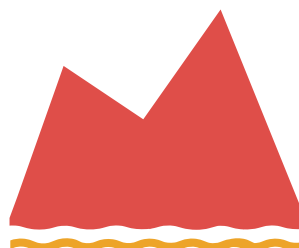


Rainfall

Average rainfall is projected to increase, along with more extreme rain events.

Sea-level Rise

Sea level is expected to continue to rise.



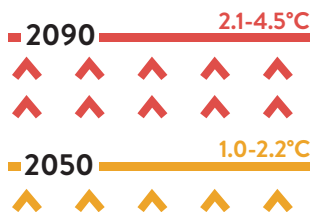
Very High Emissions Scenario

Temperature

Annual mean temperatures and extremely high daily temperatures will continue to rise.



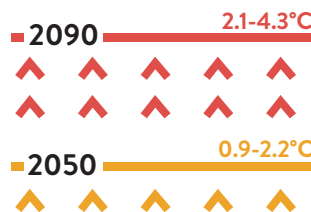
Gilbert Islands



Very High Emissions Scenario



Phoenix Islands



Very High Emissions Scenario



Line Islands



Very High Emissions Scenario

Ocean Acidification



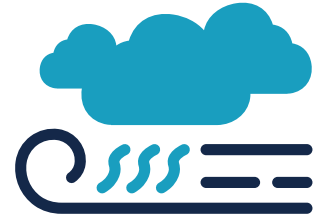
Ocean acidification is expected to continue.

Coral Bleaching Risk



The risk of coral bleaching is expected to increase.

El Niño / La Niña



El Niño and La Niña events will continue to occur in the future.

Across Kiribati, **El Niño** events tend to **bring wetter, warmer** conditions than normal.

PACCSAP Country Brochures at https://www.pacificclimatechangescience.org/wp-content/uploads/2013/06/11_PACCSAP-Kiribati-11pp_WEB.pdf