Micronesia (Federal States of)

- **Capital:** Palikir (6°55´N 158°11´E)
- **International airport(s):** Chuuk International Airport, Weno; Kosrae International Airport, Okat; Pohnpei International Airport, Pohnpei; Yap International Airport, Yap
- **Official language(s):** English
- **Currency:** United States dollar (US$)
- **Time:** UTC +10/+11
- **Region:** Pacific

**GEOGRAPHY**

The Federated States of Micronesia consist of four states - Chuuk, Kosrae, Pohnpei and Yap - and comprises of more than 600 islands. The islands are in the Micronesian sub-region of the western Pacific Ocean and together with the islands of Palau are also called Caroline Islands. Some of the islands have high mountains while others are low coral atolls. Mount Nanlaud is the highest point (782 m) of the Federated States and is situated on Pohnpei island.

**CLIMATE**

The climate is hot, humid and rainy throughout the year. Average annual rainfall in Micronesia is approximately 3 800 mm. The wet season takes place between April and September, and the rainfall is relatively high, above 300 mm per month, also from October to December. The rainiest Island is Palikir, which receives almost 4 800 mm of rain annually. The driest islands are the flat atolls, where annual rainfall may stay below 3 000 mm. Average temperatures are very stable, ranging from lows of 22-25 °C to highs of between 30-32 °C. The sea in Micronesia is pleasantly warm all year round, at about 29 °C. The area can be affected by tropical cyclones, storm waves, droughts and flooding. (World Bank, 2020)

**ECONOMY**

Agriculture and fishing are the main economic activities in Micronesia contributing almost 30 per cent to GDP. Fish represents about 90 per cent of its total exports of goods. The islands also export nuts and vegetable products. Important export destinations include Thailand, China, Japan and Guam. Fishing licenses are also an important source of revenue. Services constitute over 65 per cent of GDP, but tourism is held back by poor infrastructure. (UNCTAD, 2021)

**CULTURE**

Culture and traditions vary between the four states, but some common cultural features exist. Traditional dances include stick dancing in Pohnpei, Chuuk and Yap, standing dances in Chuuk and sitting dances in Yap. A famous ‘Moonlight Dance’ is performed in Chuuk during a full moon and only with the permission of the village chief and is one of the very few dances allowing men and women dance together.

Local gastronomic specialties include breadfruit and thinly sliced raw fish with peppery sauce. Chuuk island does not allow the consumption of alcohol. The island of Yap is known for its stone money, called ‘Rai’ - the most valuable calcite disks are up to four metres in diameter. The most popular sport in Micronesia is baseball. The Federated States of Micronesia have participated in the Olympic Summer Games since 2000.
**ECONOMIC TRENDS**

**Gross domestic product**
US dollars at constant prices (2015) in millions

- 2000: 290
- 2005: 310
- 2010: 320
- 2015: 330

**GDP per capita**
2019
US$3,641

**Productive Capacity Index**
- 2018: 35.3
- 2019: 51

**Economic and environmental vulnerability index**
- 2019: 51
- 2014: 0.5%

**Consumer Price Index growth**
- 2019: 0.5%

**Unemployment rate**
- 2014: Total 8.9%
  - Female 13.9%, Male 5.4%

**Main economic sectors, 2019**
Percentage of GDP

- Services
- Industry
- Agriculture, hunting, forestry, fishing

**Tourist arrivals**
Thousands of tourists, percentage of GDP
No data available

**External financial resources**
Percentage of GDP

- 2000: 40
- 2002: 35
- 2004: 40
- 2006: 45
- 2008: 30
- 2010: 50
- 2012: 45
- 2014: 35
- 2016: 20
- 2018: 15

- 2018: 58.3%
- ODA
- Remittances
- FDI inflows

*Micronesia (Federal States of)*
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### Fleet size

<table>
<thead>
<tr>
<th>Ship type</th>
<th>2011</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total fleet</td>
<td>1,407</td>
<td>1,407</td>
</tr>
<tr>
<td>Oil tankers</td>
<td>264</td>
<td>266</td>
</tr>
<tr>
<td>Bulk carriers</td>
<td>311</td>
<td>333</td>
</tr>
<tr>
<td>General cargo</td>
<td>161</td>
<td>77</td>
</tr>
<tr>
<td>Container ships</td>
<td>52</td>
<td>49</td>
</tr>
<tr>
<td>Other types of ships</td>
<td>619</td>
<td>682</td>
</tr>
</tbody>
</table>

### Ranked by 2019 data within SIDS group

<table>
<thead>
<tr>
<th>Indicators</th>
<th>2019</th>
<th>SIDS Ranking</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of port calls</td>
<td>73</td>
<td>33</td>
</tr>
<tr>
<td>Median time in port (days)</td>
<td>0</td>
<td>31</td>
</tr>
<tr>
<td>Average age of vessels</td>
<td>22</td>
<td>5</td>
</tr>
<tr>
<td>Average size (GT) of vessels</td>
<td>4,352</td>
<td>34</td>
</tr>
</tbody>
</table>

### Container port throughput

2019: 25,234 TEU

### Bilateral connectivity index, 2019

Top 5 partners:
- Marshall Islands
- China
- China, Hong Kong SAR
- Fiji
- Japan

### Liner shipping connectivity index

Maximum China Q1 2006=100
**POPULATION**

**Total population**
Thousands of people, share of urban population

<table>
<thead>
<tr>
<th>Year</th>
<th>Total population</th>
<th>Urban share</th>
</tr>
</thead>
<tbody>
<tr>
<td>1985</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>1990</td>
<td>120</td>
<td></td>
</tr>
<tr>
<td>1995</td>
<td>160</td>
<td></td>
</tr>
<tr>
<td>2000</td>
<td>200</td>
<td></td>
</tr>
<tr>
<td>2005</td>
<td>240</td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>280</td>
<td></td>
</tr>
<tr>
<td>2015</td>
<td>320</td>
<td></td>
</tr>
<tr>
<td>2020</td>
<td>360</td>
<td></td>
</tr>
<tr>
<td>2025</td>
<td>400</td>
<td></td>
</tr>
<tr>
<td>2030</td>
<td>440</td>
<td></td>
</tr>
<tr>
<td>2035</td>
<td>480</td>
<td></td>
</tr>
<tr>
<td>2040</td>
<td>520</td>
<td></td>
</tr>
<tr>
<td>2045</td>
<td>560</td>
<td></td>
</tr>
<tr>
<td>2050</td>
<td>600</td>
<td></td>
</tr>
</tbody>
</table>

**Population development indicators**

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Period</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poverty headcount (% of population)</td>
<td></td>
<td>-</td>
</tr>
<tr>
<td>Human development index</td>
<td>2018</td>
<td>0.6</td>
</tr>
<tr>
<td>Human assets index</td>
<td>2020</td>
<td>88</td>
</tr>
<tr>
<td>Adult literacy rate (15+ years, both sexes %)</td>
<td></td>
<td>-</td>
</tr>
<tr>
<td>Gender inequality index</td>
<td>2010</td>
<td>0.8</td>
</tr>
</tbody>
</table>

**Life expectancy**

**2019**

Life expectancy at birth: 68 years

**Population density**

**2019**

Population density: 163 persons per km²

**Dependency ratio**

**2019**

Child: 48.9
Old-age: 6.5

**Age structure by gender, 2019**

Percentage of total population
## INTERNATIONAL TRADE

### Merchandise and services trade

<table>
<thead>
<tr>
<th>Indicators</th>
<th>2005</th>
<th>2010</th>
<th>2015</th>
<th>2019</th>
<th>2019 (% of GDP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Merchandise exports</td>
<td>19</td>
<td>30</td>
<td>40</td>
<td>49</td>
<td>11.8</td>
</tr>
<tr>
<td>Merchandise imports</td>
<td>130</td>
<td>168</td>
<td>160</td>
<td>195</td>
<td>47.1</td>
</tr>
<tr>
<td>Services exports</td>
<td>19</td>
<td>35</td>
<td>46</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Services imports</td>
<td>60</td>
<td>80</td>
<td>80</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

### Trade openness

**Goods and services**

- **2018**: 55% of GDP
- **2019**: 0.86

### Export concentration index

- **2018**: 0.86
- **2019**: 0.86

### Food import dependency

- **Average 2015-2019**: -2.59

### Top 5 partners in merchandise trade, 2019

**Exports in millions US dollars**

<table>
<thead>
<tr>
<th>Country</th>
<th>0</th>
<th>2000</th>
<th>4000</th>
<th>6000</th>
<th>8000</th>
<th>10000</th>
<th>12000</th>
<th>14000</th>
<th>16000</th>
<th>18000</th>
<th>20000</th>
<th>22000</th>
<th>24000</th>
<th>26000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thailand</td>
<td></td>
<td>0</td>
<td>4000</td>
<td>6000</td>
<td>8000</td>
<td>10000</td>
<td>12000</td>
<td>14000</td>
<td>16000</td>
<td>18000</td>
<td>20000</td>
<td>22000</td>
<td>24000</td>
<td>26000</td>
</tr>
<tr>
<td>China</td>
<td></td>
<td>0</td>
<td>4000</td>
<td>6000</td>
<td>8000</td>
<td>10000</td>
<td>12000</td>
<td>14000</td>
<td>16000</td>
<td>18000</td>
<td>20000</td>
<td>22000</td>
<td>24000</td>
<td>26000</td>
</tr>
<tr>
<td>Guam</td>
<td></td>
<td>0</td>
<td>4000</td>
<td>6000</td>
<td>8000</td>
<td>10000</td>
<td>12000</td>
<td>14000</td>
<td>16000</td>
<td>18000</td>
<td>20000</td>
<td>22000</td>
<td>24000</td>
<td>26000</td>
</tr>
<tr>
<td>Japan</td>
<td></td>
<td>0</td>
<td>4000</td>
<td>6000</td>
<td>8000</td>
<td>10000</td>
<td>12000</td>
<td>14000</td>
<td>16000</td>
<td>18000</td>
<td>20000</td>
<td>22000</td>
<td>24000</td>
<td>26000</td>
</tr>
<tr>
<td>Philippines</td>
<td></td>
<td>0</td>
<td>4000</td>
<td>6000</td>
<td>8000</td>
<td>10000</td>
<td>12000</td>
<td>14000</td>
<td>16000</td>
<td>18000</td>
<td>20000</td>
<td>22000</td>
<td>24000</td>
<td>26000</td>
</tr>
</tbody>
</table>

### Merchandise exports by product group, 2019

- Agricultural raw materials
- All food items
- Fuels
- Manufactured goods
- Ores, metals, precious stones and non-monetary gold

### Services exports by category, 2019

- Financial, insurance, business, intellectual property
- Telecommunications, computer, and information services
- Transport
- Travel
- Other
**ENVIRONMENT**

**CO₂ emissions per capita**
Kg per capita

**CO₂ emissions per GDP**
Kg per 2010 US$ of GDP

**Renewable energy share in total energy consumption, 2017**
Percentage of total energy consumption

**Material footprint per capita**

**Terrestrial protected area**
2016

**Marine protected area**
2018

**Disasters indicators**
Data not available

**INFORMATION AND COMMUNICATIONS TECHNOLOGY**

**Trade in ICT goods**
2013

**Trade in ICT services**
2018

**Share of internet users**
2017

**Fixed broadband vs Mobile broadband subscriptions**
Number of subscriptions per 100 people

Micronesia (Federal States of)
Sources

Source of data: UNCTAD (2021) except indicators listed below.
- Adult literacy rate: UNESCO Institute for Statistics (2021)
- Distance to nearest neighbour: [NO_PRINTED_FORM] (Package “cshapes,” 2016) https://cran.r-project.org/web/packages/cshapes/index.html
- Economic losses due to disasters: United Nations (2021) https://www.sdg.org/datasets/e3adb2406c2e452b81c3654e276fc5ca_0
- Human development index: UNDP (2021) https://www.sdg.org/datasets/1beb260e9ca14674b391b815e4874990_0
- Material footprint: UNEP (2021) https://environmentlive.unep.org/indicator/index/12_2_1

References

- UNEP (2019). Material footprint, material footprint per capita, and material footprint per GDP. Available at https://environmentlive.unep.org/indicator/index/12_2_1 (accessed 13 January 2021).