MARITIME PROFILE: PAPUA NEW GUINEA

GENERAL INFORMATION FOR 2019

- Population: 8.776 Millions
- Land area: 452,860 Km²
- GDP: 24,009 Millions current US$
- GDP growth: 3.60%
- Merchandise trade: 15,041 Millions current US$
- Transport services trade: 1,773 Millions current US$

MARITIME KEY FIGURES FOR 2019

- Coast/area ratio: 44.6 m/km²
- Fleet - National flag: 196 Thousands DWT
- Container port throughput: 338,300 TEU
- Number of port calls: 3,478
- Number of seafarers: 1,187

WORLD SHARES FOR 2019

- Population: 0.11%
- Coastline (km): 0.34%
- Gross Domestic Product (current US$): 0.03%
- Merchandise exports (US$): 0.06%
- Merchandise imports (US$): 0.02%
- National flagged fleet (DWT): Less than 0.01% of the World total
- National flagged fleet (US$): 0.01%
- Fleet ownership (DWT): Less than 0.01% of the World total
- Fleet ownership (US$): 0.01%
- Ship building (GT): ..
- Ship recycling (GT): ..
- Seafarer supply: Officers: 0.07%
- Seafarer supply: Ratings: 0.07%
- Container port throughput (TEU): 0.04%
- Port calls: Container ships: 0.17%
- Port calls: Liquid bulk carriers: 0.11%
- Port calls: Dry breakbulk carriers: 0.24%
- Port calls: Dry bulk carriers: 0.12%
- Port calls: LPG carriers: 0.08%
- Port calls: LNG carriers: 0.90%
PAPUA NEW GUINEA

INTERNATIONAL MERCHANDISE TRADE

Total merchandise trade (millions of US$)

<table>
<thead>
<tr>
<th></th>
<th>2005</th>
<th>2010</th>
<th>2015</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Merchandise exports</td>
<td>3 273</td>
<td>5 742</td>
<td>8 453</td>
<td>11 369</td>
</tr>
<tr>
<td>Merchandise imports</td>
<td>1 729</td>
<td>(e) 3 950</td>
<td>2 551</td>
<td>3 673</td>
</tr>
<tr>
<td>Merchandise trade balance</td>
<td>1 545</td>
<td>(e) 1 792</td>
<td>5 902</td>
<td>7 696</td>
</tr>
</tbody>
</table>

Export structure by product group in 2019 (as % of total exports)

- All food items: 4%
- Agricultural raw materials: 20%
- Ores and metals: 31%
- Fuels: 22%
- Manufactured goods: 15%
- Other: 9%

Top 5 partners in 2019 (exports, millions of US$)

- Australia: 3 298
- China: 2 305
- Japan: 2 087
- Singapore: 513
- China, Taiwan Province of: 441

INTERNATIONAL TRADE IN TRANSPORT SERVICES

Services exports by main category (as % of total services)

<table>
<thead>
<tr>
<th>Category</th>
<th>2005</th>
<th>2010</th>
<th>2015</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport</td>
<td>10.3</td>
<td>6.7</td>
<td>11.8</td>
<td>(e) 7.0</td>
</tr>
<tr>
<td>Travel</td>
<td>1.2</td>
<td>0.7</td>
<td>1.1</td>
<td>(e) 1.4</td>
</tr>
<tr>
<td>Other services</td>
<td>88.5</td>
<td>92.5</td>
<td>87.1</td>
<td>(e) 91.6</td>
</tr>
</tbody>
</table>

Total trade in transport services (millions of US$)

<table>
<thead>
<tr>
<th></th>
<th>2005</th>
<th>2010</th>
<th>2015</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport services exports</td>
<td>31</td>
<td>21</td>
<td>17</td>
<td>(e) 19</td>
</tr>
<tr>
<td>Transport services imports</td>
<td>279</td>
<td>590</td>
<td>406</td>
<td>(e) 405</td>
</tr>
<tr>
<td>Transport services trade balance</td>
<td>-247</td>
<td>-569</td>
<td>-388</td>
<td>(e) -386</td>
</tr>
</tbody>
</table>

INTERNATIONAL TRADE IN TRANSPORT SERVICES

Carrying capacity by type of ship (Thousands DWT)

<table>
<thead>
<tr>
<th>Type of Ship</th>
<th>2005</th>
<th>2010</th>
<th>2015</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total fleet</td>
<td>87.0</td>
<td>111.1</td>
<td>195.7</td>
<td>195.6</td>
</tr>
<tr>
<td>Oil tankers</td>
<td>10.0</td>
<td>2.7</td>
<td>2.7</td>
<td>2.7</td>
</tr>
<tr>
<td>Bulk carriers</td>
<td>5.0</td>
<td>6.4</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>General cargo</td>
<td>68.0</td>
<td>89.8</td>
<td>120.2</td>
<td>119.9</td>
</tr>
<tr>
<td>Container ships</td>
<td>..</td>
<td>..</td>
<td>44.0</td>
<td>41.5</td>
</tr>
<tr>
<td>Other types of ships</td>
<td>4.0</td>
<td>12.2</td>
<td>28.7</td>
<td>31.4</td>
</tr>
</tbody>
</table>

Fleet by type of ship (Number of ships)

- 2019
- 2018
- 2017
- 2016
- 2015

NATIONAL FLEET

Carrying capacity by type of ship (Thousands DWT)

- Oil tankers
- Bulk carriers
- General cargo
- Container ships
- Other types of ships

Fleet by type of ship (Number of ships)

- 2019
- 2018
- 2017
- 2016
- 2015

Services exports by main category (as % of total services)

- Transport: 10.3%
- Travel: 1.2%
- Other services: 88.5%

Total trade in transport services (millions of US$)

- Transport services exports: 31 million
- Transport services imports: 279 million
- Transport services trade balance: -247 million
Bilateral connectivity index - Top 10 partners in 2019¹

<table>
<thead>
<tr>
<th>Partner</th>
<th>Index Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Australia</td>
<td>0.213</td>
</tr>
<tr>
<td>China</td>
<td>0.198</td>
</tr>
<tr>
<td>Solomon Islands</td>
<td>0.194</td>
</tr>
<tr>
<td>New Zealand</td>
<td>0.192</td>
</tr>
<tr>
<td>Singapore</td>
<td>0.191</td>
</tr>
<tr>
<td>Malaysia</td>
<td>0.188</td>
</tr>
<tr>
<td>Indonesia</td>
<td>0.188</td>
</tr>
<tr>
<td>Japan</td>
<td>0.187</td>
</tr>
<tr>
<td>Korea, Republic of</td>
<td>0.185</td>
</tr>
<tr>
<td>Fiji</td>
<td>0.185</td>
</tr>
</tbody>
</table>

Can only take values between 0 (minimum) and 1 (maximum)

Liner shipping connectivity index¹

Maximum 2006=100 for China

Port calls, time spent in ports, vessel age and size in 2019⁹

<table>
<thead>
<tr>
<th>Category</th>
<th>Number of arrivals</th>
<th>Median time in port (days)</th>
<th>Avg age of vessels</th>
<th>Avg size (GT) capacity per vessel</th>
<th>Avg cargo carrying capacity (DWT) per vessel</th>
<th>Avg container carrying capacity (TEU) per container ship</th>
<th>Maximum size (GT) of vessels</th>
</tr>
</thead>
<tbody>
<tr>
<td>All ships</td>
<td>3 478</td>
<td>1.23</td>
<td>13</td>
<td>13 756</td>
<td>19 650</td>
<td>1 317</td>
<td>144 828</td>
</tr>
<tr>
<td>Liquid bulk carriers</td>
<td>561</td>
<td>1.18</td>
<td>10</td>
<td>18 660</td>
<td>31 459</td>
<td>..</td>
<td>64 309</td>
</tr>
<tr>
<td>Liquefied petroleum gas carriers</td>
<td>43</td>
<td>1.00</td>
<td>9</td>
<td>3 870</td>
<td>4 002</td>
<td>..</td>
<td>4 749</td>
</tr>
<tr>
<td>Liquefied natural gas carriers</td>
<td>110</td>
<td>1.26</td>
<td>7</td>
<td>114 643</td>
<td>87 614</td>
<td>..</td>
<td>144 828</td>
</tr>
<tr>
<td>Dry bulk carriers</td>
<td>327</td>
<td>0.70</td>
<td>18</td>
<td>10 679</td>
<td>17 010</td>
<td>..</td>
<td>29 991</td>
</tr>
<tr>
<td>Dry breakbulk carriers</td>
<td>1 066</td>
<td>1.34</td>
<td>17</td>
<td>5 978</td>
<td>7 863</td>
<td>..</td>
<td>23 930</td>
</tr>
<tr>
<td>Roll-on/ roll-off ships</td>
<td>..</td>
<td>..</td>
<td>..</td>
<td>..</td>
<td>..</td>
<td>..</td>
<td>..</td>
</tr>
<tr>
<td>Container ships</td>
<td>787</td>
<td>1.30</td>
<td>10</td>
<td>14 676</td>
<td>..</td>
<td>1 317</td>
<td>32 161</td>
</tr>
<tr>
<td>Passenger ships</td>
<td>584</td>
<td>..</td>
<td>14</td>
<td>5 449</td>
<td>..</td>
<td>..</td>
<td>90 901</td>
</tr>
</tbody>
</table>

Port liner shipping connectivity index - Top 5 ports in 2019¹¹

Maximum 2006=100 for China, Hong Kong SAR

- Lae
- Port Moresby
- Madang
- Rabaul
- Alotau
Source: Detailed data sources are available in the documentation of the corresponding tables in the Data Center (http://stats.unctad.org/data_center). A link to these tables is provided in each section of the profile.

Notes:
1. Sum of exports and imports.
2. Land area refers to the total area of a country excluding area under inland water bodies. It differs from the country area, that includes area under inland water bodies, but excludes offshore territorial waters.
4. Propelled seagoing merchant vessels of 100 GT and above. Source: Clarksons Research (https://www.clarksons.com/services/research/).
5. Propelled seagoing merchant vessels of 100 GT and above, on 1 January. Source: Clarksons Research (https://www.clarksons.com/services/research/).
6. UNCTAD Secretariat, derived from various sources including Dynamar B.V. Publications, terminal operators and port authorities.
8. UNCTAD Secretariat, based on data provided by MarineTraffic (http://marinetraffic.com). Ships of 1000 GT and above.
10. UNCTAD Secretariat, generated from data provided by MDS Transmodal (https://www.mdst.co.uk).

Symbols for missing values:
0 Zero means that the amount is nil or negligible
.. Not available or not separately reported
_ Not applicable
... Not available, including no quotation
# Non-relevant calculation
- Not publishable
*** Negative accumulation of flows; Value included in regional and global totals

Abbreviations & acronyms:
DWT: Dead weight tons
LNG: Liquefied natural gas
LPG: Liquefied petroleum gas
GDP: Gross domestic product
GT: Gross tons
TEU: Twenty foot equivalent unit

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