MARITIME PROFILE: INDONESIA

GENERAL INFORMATION FOR 2020

- Population: 273.524 Millions
- Land area: 1 811 570 Km²
- GDP: 1 057 913 Millions current US$
- GDP growth: -2.13 %
- Merchandise trade: 304 929 Millions current US$
- Transport services trade: 39 409 Millions current US$

MARITIME KEY FIGURES FOR 2020

- Coast/area ratio: 52.5 m/km²
- Fleet - National flag: 27 114 Thousands DWT
- Container port throughput: 14 025 449 TEU
- Number of port calls: 166 578

- Ship building: 36 388 GT
- Ship recycling: 21 031 GT
- Fleet - National flag: 10 282 ships
- Number of seafarers: 143 702

WORLD SHARES FOR 2020

- Population: 3.51 %
- Coastline: 5.82 %
- Gross Domestic Product: 1.25 %
- Merchandise exports: 0.93 %
- Merchandise imports: 0.79 %
- National flagged fleet (DWT): 1.31 %
- National flagged fleet (US$): 0.99 %
- Fleet ownership (DWT): 1.19 %
- Fleet ownership (US$): 0.90 %
- Ship building (GT): 0.06 %
- Ship recycling (GT): 0.12 %
- Seafarer supply: Officers: 5.97 %
- Seafarer supply: Ratings: 8.93 %
- Container port throughput (TEU): 1.83 %
- Port calls: Container ships: 3.27 %
- Port calls: Liquid bulk carriers: 3.60 %
- Port calls: Dry breakbulk carriers: 3.62 %
- Port calls: Dry bulk carriers: 3.57 %
- Port calls: LPG carriers: 6.14 %
- Port calls: LNG carriers: 2.45 %
### INTERNATIONAL MERCHANDISE TRADE

#### Total merchandise trade

<table>
<thead>
<tr>
<th>Year</th>
<th>Merchandise exports</th>
<th>Merchandise imports</th>
<th>Merchandise trade balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>86 996</td>
<td>75 725</td>
<td>11 271</td>
</tr>
<tr>
<td>2010</td>
<td>158 074</td>
<td>135 323</td>
<td>22 751</td>
</tr>
<tr>
<td>2015</td>
<td>150 366</td>
<td>142 695</td>
<td>7 671</td>
</tr>
<tr>
<td>2020</td>
<td>163 306</td>
<td>141 622</td>
<td>21 684</td>
</tr>
</tbody>
</table>

#### Export structure by product group in 2020

- **All food items**: 47%
- **Agricultural raw materials**: 16%
- **Ores and metals**: 24%
- **Fuels**: 3%
- **Manufactured goods**: 6%
- **Other**: 5%

### INTERNATIONAL TRADE IN TRANSPORT SERVICES

#### Services exports by main category

<table>
<thead>
<tr>
<th>Year</th>
<th>Transport</th>
<th>Travel</th>
<th>Other services</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>21.9</td>
<td>34.8</td>
<td>42.8</td>
</tr>
<tr>
<td>2010</td>
<td>15.8</td>
<td>41.2</td>
<td>42.6</td>
</tr>
<tr>
<td>2015</td>
<td>15.6</td>
<td>48.4</td>
<td>33.1</td>
</tr>
<tr>
<td>2020</td>
<td>16.4</td>
<td>22.2</td>
<td>56.1</td>
</tr>
</tbody>
</table>

#### Total trade in transport services

<table>
<thead>
<tr>
<th>Year</th>
<th>Transport services exports</th>
<th>Transport services imports</th>
<th>Transport services trade balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>2 842</td>
<td>7 451</td>
<td>-4 609</td>
</tr>
<tr>
<td>2010</td>
<td>2 665</td>
<td>8 673</td>
<td>-6 007</td>
</tr>
<tr>
<td>2015</td>
<td>3 456</td>
<td>9 602</td>
<td>-6 146</td>
</tr>
<tr>
<td>2020</td>
<td>2 445</td>
<td>7 319</td>
<td>-4 874</td>
</tr>
</tbody>
</table>

### NATIONAL FLEET

#### Carrying capacity by type of ship

<table>
<thead>
<tr>
<th>Year</th>
<th>Total fleet</th>
<th>Oil tankers</th>
<th>Bulk carriers</th>
<th>General cargo</th>
<th>Container ships</th>
<th>Other types of ships</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>5 039.0</td>
<td>1 651.0</td>
<td>602.0</td>
<td>2 179.0</td>
<td>246.0</td>
<td>361.0</td>
</tr>
<tr>
<td>2010</td>
<td>10 470.7</td>
<td>3 866.9</td>
<td>2 082.4</td>
<td>2 927.6</td>
<td>824.5</td>
<td>769.2</td>
</tr>
<tr>
<td>2015</td>
<td>19 109.6</td>
<td>5 731.8</td>
<td>2 271.7</td>
<td>4 098.8</td>
<td>1 717.9</td>
<td>5 289.4</td>
</tr>
<tr>
<td>2020</td>
<td>27 114.0</td>
<td>8 019.4</td>
<td>5 798.6</td>
<td>4 508.3</td>
<td>2 445.0</td>
<td>6 342.7</td>
</tr>
</tbody>
</table>

#### Fleet by type of ship

- **Oil tankers**: 2020: 8 019.4, 2019: 3 866.9, 2018: 2 082.4, 2017: 2 927.6, 2016: 1 717.9
- **Bulk carriers**: 2020: 5 798.6, 2019: 2 271.7, 2018: 4 098.8, 2017: 5 289.4, 2016: 6 342.7
- **Container ships**: 2020: 2 445.0, 2019: 824.5, 2018: 1 717.9, 2017: 2 445.0, 2016: 5 289.4
**Bilateral connectivity index - Top 10 partners in 2020**

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

<table>
<thead>
<tr>
<th>Partner</th>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Singapore</td>
<td>0.392</td>
</tr>
<tr>
<td>Malaysia</td>
<td>0.377</td>
</tr>
<tr>
<td>China, Hong Kong SAR</td>
<td>0.361</td>
</tr>
<tr>
<td>Thailand</td>
<td>0.359</td>
</tr>
<tr>
<td>Vietnam</td>
<td>0.354</td>
</tr>
<tr>
<td>United States of America</td>
<td>0.337</td>
</tr>
<tr>
<td>China</td>
<td>0.326</td>
</tr>
<tr>
<td>Canada</td>
<td>0.326</td>
</tr>
<tr>
<td>Sri Lanka</td>
<td>0.326</td>
</tr>
<tr>
<td>Australia</td>
<td>0.297</td>
</tr>
</tbody>
</table>

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**Liner shipping connectivity index**

*Maximum 2006=100 for China*

- **Number of arrivals**
- **Median time in port (days)**
- **Avg age of vessels**
- **Avg size (GT) of vessels**
- **Avg cargo carrying (DWT) per vessel**
- **Avg container carrying capacity (TEU) per container ship**
- **Maximum size (GT) of vessels**

<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) of vessels</th>
<th>Avg cargo carrying (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>166 578</td>
<td>1.22</td>
<td>20</td>
<td>7 670</td>
<td>16 098</td>
<td>1 509</td>
<td>172 000</td>
</tr>
<tr>
<td>Liquid bulk carriers</td>
<td>17 587</td>
<td>1.22</td>
<td>15</td>
<td>7 924</td>
<td>12 259</td>
<td>..</td>
<td>157 098</td>
</tr>
<tr>
<td>Liquefied petroleum gas carriers</td>
<td>3 230</td>
<td>1.09</td>
<td>19</td>
<td>9 855</td>
<td>10 914</td>
<td>..</td>
<td>50 676</td>
</tr>
<tr>
<td>Liquefied natural gas carriers</td>
<td>304</td>
<td>1.40</td>
<td>19</td>
<td>85 052</td>
<td>67 074</td>
<td>..</td>
<td>139 049</td>
</tr>
<tr>
<td>Dry bulk carriers</td>
<td>9 505</td>
<td>3.08</td>
<td>17</td>
<td>24 896</td>
<td>43 621</td>
<td>..</td>
<td>108 100</td>
</tr>
<tr>
<td>Dry breakbulk carriers</td>
<td>15 003</td>
<td>1.15</td>
<td>20</td>
<td>4 983</td>
<td>6 594</td>
<td>..</td>
<td>49 854</td>
</tr>
<tr>
<td>Roll-on/ roll-off ships</td>
<td>4 217</td>
<td>..</td>
<td>33</td>
<td>8 903</td>
<td>4 146</td>
<td>..</td>
<td>76 387</td>
</tr>
<tr>
<td>Container ships</td>
<td>15 019</td>
<td>0.99</td>
<td>14</td>
<td>15 475</td>
<td>..</td>
<td>1 509</td>
<td>172 000</td>
</tr>
<tr>
<td>Passenger ships</td>
<td>101 713</td>
<td>..</td>
<td>22</td>
<td>4 908</td>
<td>..</td>
<td>..</td>
<td>110 239</td>
</tr>
</tbody>
</table>

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**Port calls, time spent in ports, vessel age and size in 2020**

**Port liner shipping connectivity index - Top 5 ports in 2020**

*Maximum 2006=100 for China, Hong Kong SAR*
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.
   Coastline length based on data calculated in 2000 from the World Vector Shoreline database at 1:250,000 scale.
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. Propelled seagoing merchant vessels of 1000 GT and above, on 1 January. Source: Clarksons Research (https://www.clarksons.com/services/research/).
7. UNCTAD Secretariat, derived from various sources including Dynamar B.V. Publications, terminal operators and port authorities.
11. UNCTAD Secretariat, generated from data provided by MDS Transmodal (https://www.mdst.co.uk).
e. Estimated.
n. Estimated by BIMCO/ICS to be the same figure as in 2015.

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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