MARITIME PROFILE: JAPAN

GENERAL INFORMATION FOR 2022

- Population: 123,952 Millions
- Land area: (o) 364,500 Km²
- GDP: 4,200,483 Millions current US$
- GDP growth: 1.60%
- Merchandise trade: 1,644,162 Millions current US$
- Transport services trade: (e) 376,250 Millions current US$

MARITIME KEY FIGURES FOR 2022

- Coast/area ratio: 79.6 m/km²
- Fleet - National flag: 40,043 Thousands DWT
- Number of seafarers: (n) 25,458
- Number of port calls: 289,069

WORLD SHARES FOR 2022

- Container port throughput: (e) 22,515,870 TEU
- Ship building: 9,585,299 GT
- Ship recycling: 5,516 GT
- Fleet - Ownership: 236,577 Thousands DWT
- National flag fleet (DWT): 236,577 Thousands DWT
- Ship building (GT): 9,585,299
- Ship recycling (GT): 5,516 GT
- National flagged fleet (DWT): 5,193 ships
- National flagged fleet (US$): 40,043 Thousands DWT
- Ship building (GT): 9,585,299
- Ship recycling (GT): 5,516 GT
- Fleet ownership (DWT): 236,577 Thousands DWT
- Fleet ownership (US$): 40,043 Thousands DWT
- Ship building (GT): 9,585,299
- Ship recycling (GT): 5,516 GT
- Seafarer supply: Officers: 2,23%
- Seafarer supply: Ratings: 0.61%
- Container port throughput (TEU): 2.64%
- Port calls: Container ships: 7.88%
- Port calls: Liquid bulk carriers: 7.95%
- Port calls: Dry breakbulk carriers: 5.38%
- Port calls: Dry bulk carriers: 11.44%
- Port calls: LPG carriers: 10.88%
- Port calls: LNG carriers: 13.91%
JAPAN

INTERNATIONAL MERCHANDISE TRADE

Total merchandise trade
(millions of US$)

<table>
<thead>
<tr>
<th></th>
<th>2005</th>
<th>2010</th>
<th>2015</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Merchandise exports</td>
<td>594 941</td>
<td>769 774</td>
<td>624 921</td>
<td>746 920</td>
</tr>
<tr>
<td>Merchandise imports</td>
<td>515 866</td>
<td>694 059</td>
<td>648 117</td>
<td>897 242</td>
</tr>
<tr>
<td>Merchandise trade balance</td>
<td>79 074</td>
<td>75 715</td>
<td>-23 196</td>
<td>-150 323</td>
</tr>
</tbody>
</table>

Export structure by product group in 2022
(as % of total exports)

- Ores and metals: 90%
- Manufactured goods: 6%
- Other: 4%

Top 5 partners in 2022
(exports, millions of US$)

1. China: 144 539
2. United States of America: 139 768
3. Korea, Republic of: 54 042
4. China, Taiwan Province of: 52 151
5. China, Hong Kong SAR: 33 137

INTERNATIONAL TRADE IN TRANSPORT SERVICES

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

<table>
<thead>
<tr>
<th></th>
<th>2005</th>
<th>2010</th>
<th>2015</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport</td>
<td>35.1</td>
<td>31.4</td>
<td>21.8</td>
<td>(e) 17.4</td>
</tr>
<tr>
<td>Travel</td>
<td>12.2</td>
<td>9.8</td>
<td>15.4</td>
<td>(e) 4.3</td>
</tr>
<tr>
<td>Other services</td>
<td>52.4</td>
<td>58.3</td>
<td>62.3</td>
<td>(e) 76.6</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>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transport services exports</td>
<td>35 789</td>
<td>42 234</td>
<td>35 393</td>
<td>(e) 29 058</td>
</tr>
<tr>
<td>Transport services imports</td>
<td>40 345</td>
<td>46 447</td>
<td>41 036</td>
<td>(e) 35 950</td>
</tr>
<tr>
<td>Transport services trade balance</td>
<td>-4 556</td>
<td>-4 213</td>
<td>-5 643</td>
<td>(e) -6 892</td>
</tr>
</tbody>
</table>

Carrying capacity by type of ship
(Thousands DWT)

<table>
<thead>
<tr>
<th></th>
<th>2005</th>
<th>2010</th>
<th>2015</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total fleet</td>
<td>16 013.0</td>
<td>17 707.2</td>
<td>31 027.2</td>
<td>40 043.3</td>
</tr>
<tr>
<td>Oil tankers</td>
<td>5 504.0</td>
<td>5 028.5</td>
<td>6 097.1</td>
<td>10 290.8</td>
</tr>
<tr>
<td>Bulk carriers</td>
<td>6 757.0</td>
<td>6 607.9</td>
<td>17 609.9</td>
<td>18 877.1</td>
</tr>
<tr>
<td>General cargo</td>
<td>2 133.0</td>
<td>2 491.2</td>
<td>2 789.3</td>
<td>3 142.2</td>
</tr>
<tr>
<td>Container ships</td>
<td>474.0</td>
<td>123.9</td>
<td>124.3</td>
<td>2 709.5</td>
</tr>
<tr>
<td>Other types of ships</td>
<td>1 145.0</td>
<td>3 455.7</td>
<td>3 806.6</td>
<td>5 023.8</td>
</tr>
</tbody>
</table>

NATIONAL FLEET

Fleet by type of ship
(Number of ships)

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

2022: [Diagram showing the number of ships by type]
**Bilateral connectivity index - Top 10 partners in Q1 2022**

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

No data available

**Liner shipping connectivity index**

*Maximum 2006=100 for China*

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**PORT CALLS AND PERFORMANCE**

Port calls, time spent in ports, vessel age and size in 2022

<table>
<thead>
<tr>
<th></th>
<th>Number of arrivals</th>
<th>Median time in port (days)</th>
<th>Avg age of vessels</th>
<th>Avg size of vessels (GT)</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>289 069</td>
<td>0.42</td>
<td>14</td>
<td>10 092</td>
<td>15 461</td>
<td>1 539</td>
<td>194 308</td>
</tr>
<tr>
<td>Liquid bulk carriers</td>
<td>42 723</td>
<td>0.31</td>
<td>12</td>
<td>8 621</td>
<td>14 683</td>
<td>..</td>
<td>166 094</td>
</tr>
<tr>
<td>Liquefied petroleum gas carriers</td>
<td>6 445</td>
<td>0.34</td>
<td>13</td>
<td>6 646</td>
<td>7 254</td>
<td>..</td>
<td>52 868</td>
</tr>
<tr>
<td>Liquefied natural gas carriers</td>
<td>1 999</td>
<td>1.01</td>
<td>14</td>
<td>68 051</td>
<td>49 432</td>
<td>..</td>
<td>149 367</td>
</tr>
<tr>
<td>Dry bulk carriers</td>
<td>32 044</td>
<td>0.79</td>
<td>14</td>
<td>16 996</td>
<td>29 422</td>
<td>..</td>
<td>161 294</td>
</tr>
<tr>
<td>Dry breakbulk carriers</td>
<td>23 696</td>
<td>1.18</td>
<td>15</td>
<td>6 888</td>
<td>9 254</td>
<td>..</td>
<td>66 870</td>
</tr>
<tr>
<td>Roll-on/ roll-off ships</td>
<td>35 176</td>
<td>..</td>
<td>12</td>
<td>16 949</td>
<td>7 411</td>
<td>..</td>
<td>76 420</td>
</tr>
<tr>
<td>Container ships</td>
<td>34 583</td>
<td>0.38</td>
<td>13</td>
<td>15 966</td>
<td>..</td>
<td>1 539</td>
<td>194 308</td>
</tr>
<tr>
<td>Passenger ships</td>
<td>112 403</td>
<td>..</td>
<td>16</td>
<td>4 572</td>
<td>..</td>
<td>..</td>
<td>50 444</td>
</tr>
</tbody>
</table>

**Port liner shipping connectivity index - Top 5 ports in 2022**

*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 (https://unctadstat.unctad.org/datacentre/). 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.
3. Coastline length based on data calculated in 2000 from the World Vector Shoreline database at 1:250,000 scale.
5. Propelled seagoing merchant vessels of 100 GT and above. 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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