Japan

Production (2021): 675 metric tons; Global ranking: 5
Consumption (2021): 183,138 metric tons; Global ranking: 5
Exports (2021): 6 metric tons; Global ranking: 53
Imports (2021): 182,468 metric tons; Global ranking: 3

Coal power generation (2021): 311.6 TWh, 32.5% of total electricity
Coal power installed capacity (2023): 53.0 GW; Global ranking: 4
Coal power plants (2023): 93 plants in operation, of which 8 plants (1.7 GW) have announced retirement by 2030; 3 (2.5 GW) plants under construction, 1 (0.5 GW) plants at early development stages.

Coal power capacity by vintage group:

<table>
<thead>
<tr>
<th>Age group</th>
<th>&gt; 40 years</th>
<th>30~40 years</th>
<th>20~30 years</th>
<th>10~20 years</th>
<th>&lt; 10 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity (% of total)</td>
<td>4.9 GW</td>
<td>8.7 GW</td>
<td>20.4 GW</td>
<td>8.0 GW</td>
<td>11.0 GW</td>
</tr>
<tr>
<td></td>
<td>9.2 %</td>
<td>16.4 %</td>
<td>38.6 %</td>
<td>15.1 %</td>
<td>20.7 %</td>
</tr>
</tbody>
</table>

POLICY SUMMARY

- "No new coal" pledge: n/a
- Coal power phaseout target: n/a (Japan does plan to limit the share of coal in Japan’s supply mix to 19% by fiscal year 2030)
- Net-zero target: 2050

(Source: Global Energy Monitor)