Original Grattan Data based on IEA modelling[1]

| Commodity | Year | Global market (US$b) |
|---|---|---|
| Copper | 2020 | 35 |
| Copper | 2030 | 143 |
| Copper | 2040 | 171 |
| Copper | 2050 | 149 |
| Lithium | 2020 | 1 |
| Lithium | 2030 | 33 |
| Lithium | 2040 | 84 |
| Lithium | 2050 | 112 |
| Nickel | 2020 | 3 |
| Nickel | 2030 | 54 |
| Nickel | 2040 | 84 |
| Nickel | 2050 | 99 |
| Graphite | 2020 | 1 |
| Graphite | 2030 | 27 |
| Graphite | 2040 | 38 |
| Graphite | 2050 | 40 |
| Cobalt | 2020 | 1 |
| Cobalt | 2030 | 15 |
| Cobalt | 2040 | 24 |
| Cobalt | 2050 | 29 |
| Manganese | 2020 | 0 |
| Manganese | 2030 | 0 |
| Manganese | 2040 | 0 |
| Manganese | 2050 | 1 |
| Silicon | 2020 | 1 |
| Silicon | 2030 | 4 |
| Silicon | 2040 | 4 |
| Silicon | 2050 | 4 |
| Rare earth | 2020 | 0 |
| Rare earth | 2030 | 4 |
| Rare earth | 2040 | 4 |
| Rare earth | 2050 | 4 |
| Coal | 2020 | 430 |
| Coal | 2030 | 176 |
| Coal | 2040 | 76 |
| Coal | 2050 | 37 |

Original Grattan Data based on IEA modelling[1]

| Commodity | Year | Australian revenue (A$b) |
|---|---|---|
| Coal | 2020 | 45 |
| Coal | 2030 | 18 |
| Coal | 2040 | 8 |
| Coal | 2050 | 4 |
| Critical minerals | 2020 | 3 |
| Critical minerals | 2030 | 40 |
| Critical minerals | 2040 | 84 |
| Critical minerals | 2050 | 106 |

Amended to remove lithium

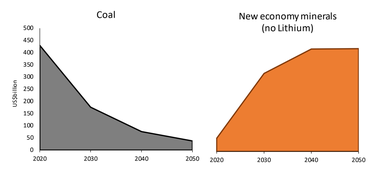
| Commodity | Year | Global market (US$b) |
|---|---|---|
| Copper | 2020 | 35 |
| Copper | 2030 | 143 |
| Copper | 2040 | 171 |
| Copper | 2050 | 149 |
| Nickel | 2020 | 3 |
| Nickel | 2030 | 54 |
| Nickel | 2040 | 84 |
| Nickel | 2050 | 99 |
| Graphite | 2020 | 1 |
| Graphite | 2030 | 27 |
| Graphite | 2040 | 38 |
| Graphite | 2050 | 40 |
| Cobalt | 2020 | 1 |
| Cobalt | 2030 | 15 |
| Cobalt | 2040 | 24 |
| Cobalt | 2050 | 29 |
| Manganese | 2020 | 0 |
| Manganese | 2030 | 0 |
| Manganese | 2040 | 0 |
| Manganese | 2050 | 1 |
| Silicon | 2020 | 1 |
| Silicon | 2030 | 4 |
| Silicon | 2040 | 4 |
| Silicon | 2050 | 4 |
| Rare earth | 2020 | 0 |
| Rare earth | 2030 | 4 |
| Rare earth | 2040 | 4 |
| Rare earth | 2050 | 4 |
| Coal | 2020 | 430 |
| Coal | 2030 | 176 |
| Coal | 2040 | 76 |
| Coal | 2050 | 37 |

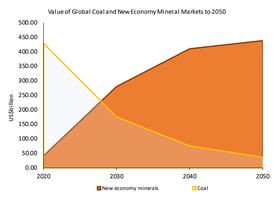
Metals and Minerals aggregation (NO lithium)

| Year | New economy minerals | Coal |
|---|---|---|
| 2020 | 41 | 430 |
| 2030 | 247 | 176 |
| 2040 | 326 | 76 |
| 2050 | 326 | 37 |

Metals and Minerals aggregation

| Year | New economy minerals | Coal |
|---|---|---|
| 2020 | 41.94 | 430 |
| 2030 | 279.71 | 176 |
| 2040 | 409.66 | 76 |
| 2050 | 438.65 | 37 |



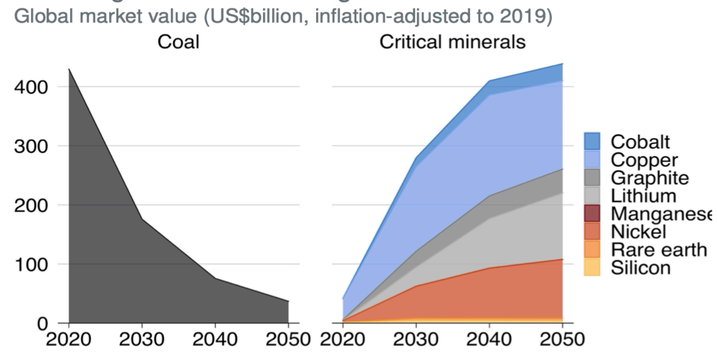




Source: Grattan Institute/IEA

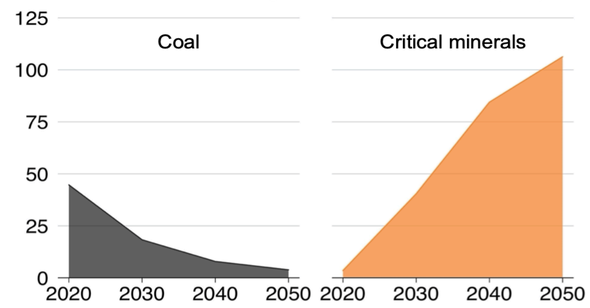
NOTES
1 From Grattan Institute (2021) *Towards net zero: Practical policies to reduce industrial emissions*, Figure 2.5, page 18. Underlying data obtained from Grattan Institute website.

**Figure 2.5: Minerals critical to low-emissions technologies are expected to be in high demand over coming decades**

Global market value (US$billion, inflation-adjusted to 2019)




Australian revenue assuming constant market share (A$b)




*Notes: Includes total revenue for coal and for selected critical minerals used in clean energy technologies. The prices of critical minerals are based on conservative assumptions about cost increases (about a 10-to-20 per cent increase from current levels to 2050). Australia's share of the global coal market is taken from IEA (2020), and minerals from Bruce et al (2021). Exchange rate is assumed to be 0.73 USD per AUD.*

*Source: Grattan analysis of IEA (2021, p. 163).*

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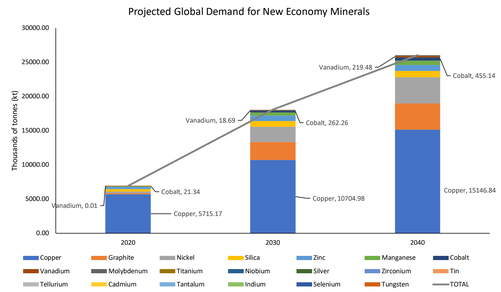
| ORIGINAL IEA DATA[1] | | | |
|---|---|---|---|
| | Sustainable Development Scenario | | |
| Total demand by mineral | 2020 | 2030 | 2040 |
| (thousand tonnes, kt) | | | |
| Arsenic | 0.00 | 0.19 | 6.91 |
| Boron | 0.08 | 0.26 | 0.30 |
| Cadmium | 0.21 | 0.35 | 0.32 |
| Chromium | 133.60 | 573.53 | 458.96 |
| Copper | 5,715.17 | 10,704.98 | 15,146.84 |
| Cobalt | 21.34 | 262.26 | 455.14 |
| Gallium | 0.00 | 0.09 | 2.77 |
| Germanium | 0.00 | 0.01 | 0.01 |
| Graphite | 155.67 | 2,641.30 | 3,848.75 |
| Hafnium | 0.00 | 0.01 | 0.01 |
| Indium | 0.03 | 0.07 | 0.09 |
| Iridium | 0.00 | 0.00 | 0.00 |
| Lead | 8.31 | 19.51 | 14.41 |
| Lithium | 21.57 | 378.16 | 903.82 |
| Magnesium | 2.77 | 25.43 | 57.15 |
| Manganese | 81.59 | 437.91 | 663.71 |
| Molybdenum | 17.79 | 68.00 | 51.18 |
| Nickel | 196.26 | 2,224.95 | 3,804.03 |
| Niobium | 0.15 | 1.62 | 2.94 |
| Platinum | 0.00 | 0.04 | 0.12 |
| Selenium | 0.04 | 0.08 | 0.07 |
| Silica[3] | 390.19 | 831.25 | 904.37 |
| Silver | 1.98 | 3.76 | 2.67 |
| Tantalum | 0.05 | 0.34 | 0.21 |
| Tellurium | 0.21 | 0.34 | 0.33 |
| Tin | 0.67 | 1.73 | 1.84 |
| Titanium | 4.73 | 15.06 | 13.58 |
| Tungsten | 0.05 | 0.12 | 0.06 |
| Vanadium | 0.01 | 18.69 | 219.48 |
| Zinc | 334.54 | 811.88 | 876.13 |
| Zirconium | 0.29 | 1.72 | 2.48 |
| REE | 6.36 | 34.25 | 46.60 |
| Neodymium | 4.94 | 26.91 | 36.69 |
| Other REEs | 1.42 | 7.34 | 9.91 |
| Total | 7,093.66 | 19,057.90 | 27,485.25 |

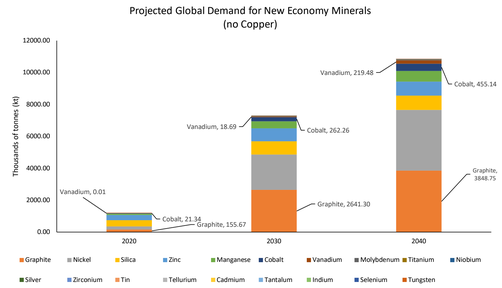
| Queensland New Economy Minerals[2] | | | | |
|---|---|---|---|---|
| *Filtering IEA list through Queensland Government list* | | | | |
| Total demand by mineral | 2020 | 2030 | 2040 | |
| (thousand tonnes, kt) | | | | |
| Bauxite | NO | NO | NO | |
| Cadmium | 0.21 | 0.35 | 0.32 | |
| Cobalt | 21.34 | 262.26 | 455.14 | |
| Copper | 5,715.17 | 10,704.98 | 15,146.84 | |
| Gold | NO | NO | NO | |
| Graphite | 155.67 | 2,641.30 | 3,848.75 | |
| Indium | 0.03 | 0.07 | 0.09 | |
| Manganese | 81.59 | 437.91 | 663.71 | |
| Molybdenum | 17.79 | 68.00 | 51.18 | |
| Niobium | 0.15 | 1.62 | 2.94 | |
| Nickel | 196.26 | 2,224.95 | 3,804.03 | |
| REE | 6.36 | 34.25 | 46.60 | |
| Rhenium | NO | NO | NO | |
| Selenium | 0.04 | 0.08 | 0.07 | |
| Silica2 | NO | NO | NO | |
| Silver | 1.98 | 3.76 | 2.67 | |
| Tantalum | 0.05 | 0.34 | 0.21 | |
| Tellurium | 0.21 | 0.34 | 0.33 | |
| Tungsten | 0.05 | 0.12 | 0.06 | |
| Tin | 0.67 | 1.73 | 1.84 | |
| Titanium | 4.73 | 15.06 | 13.58 | |
| Vanadium | 0.01 | 18.69 | 219.48 | |
| Zinc | 334.54 | 811.88 | 876.13 | |
| Zirconium | 0.29 | 1.72 | 2.48 | |

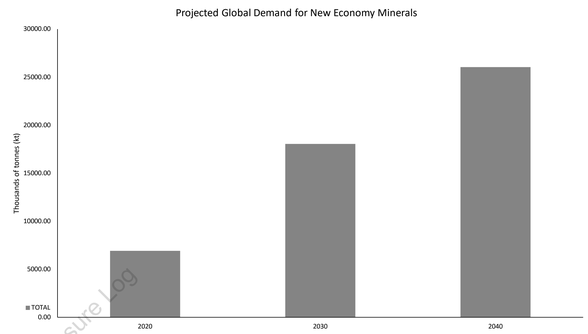
| Total demand by mineral | Notes | 2020 | 2030 | 2040 | Growth in supply decade on decade 2030 | 2040 |
|---|---|---|---|---|---|---|
| (thousand tonnes, kt) | | | | | | |
| Copper | | 5715.17 | 10704.98 | 15146.84 | 87% | 41% |
| Graphite | | 155.67 | 2641.30 | 3848.75 | 1597% | 46% |
| Nickel | | 196.26 | 2224.95 | 3804.03 | 1034% | 71% |
| Silica | 2 | 390.19 | 831.25 | 904.37 | 113% | 9% |
| Zinc | | 334.54 | 811.88 | 876.13 | 143% | 8% |
| Manganese | | 81.59 | 437.91 | 663.71 | 437% | 52% |
| Cobalt | | 21.34 | 262.26 | 455.14 | 1129% | 74% |
| Vanadium | | 0.01 | 18.69 | 219.48 | 297414% | 10774% |
| Molybdenum | | 17.79 | 68.00 | 51.18 | 282% | -25% |
| REE | | 6.36 | 34.25 | 46.60 | 438% | 36% |
| Titanium | | 4.73 | 15.06 | 13.58 | 218% | -10% |
| Niobium | | 0.15 | 1.62 | 2.94 | 1007% | 81% |
| Silver | | 1.98 | 3.76 | 2.67 | 90% | -29% |
| Zirconium | | 0.29 | 1.72 | 2.48 | 489% | 44% |
| Tin | | 0.67 | 1.73 | 1.84 | 157% | 6% |
| Tellurium | | 0.21 | 0.34 | 0.33 | 65% | -3% |
| Cadmium | | 0.21 | 0.35 | 0.32 | 67% | -8% |
| Tantalum | | 0.05 | 0.34 | 0.21 | 568% | -37% |
| Indium | | 0.03 | 0.07 | 0.09 | 128% | 29% |
| Selenium | | 0.04 | 0.08 | 0.07 | 118% | -11% |
| Tungsten | | 0.05 | 0.12 | 0.06 | 148% | -46% |
| TOTAL | | 6927.31 | 18060.67 | 26040.81 | | |

NOTES

1 Data supports IEA (2020) *The Role of Critical Minerals in Clean Energy Transition* report. Data used across report. Data release does not represent all data used within report.
2 Based on list obtained from: https://www.resources.qld.gov.au/mining-resources/initiatives/new-economy-minerals#:~:text=Queensland%20has%20a%20rich%20endowment%20of%20many%20new,Manganese%209%20Molybdenum%2010%20Niobium%20More%20items...%20
3 Terms have been made uniform. IEA data describes "silicon" while Queensland Government webside describes 'Silica (Lump silica, Silica Sand)'.

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Original Grattan Data based on IEA modelling[1]

| Commodity | Year | Global market (US$b) |
|---|---|---|
| Copper | 2020 | 35 |
| Copper | 2030 | 143 |
| Copper | 2040 | 171 |
| Copper | 2050 | 149 |
| Lithium | 2020 | 1 |
| Lithium | 2030 | 33 |
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| Nickel | 2020 | 3 |
| Nickel | 2030 | 54 |
| Nickel | 2040 | 84 |
| Nickel | 2050 | 99 |
| Graphite | 2020 | 1 |
| Graphite | 2030 | 27 |
| Graphite | 2040 | 38 |
| Graphite | 2050 | 40 |
| Cobalt | 2020 | 1 |
| Cobalt | 2030 | 15 |
| Cobalt | 2040 | 24 |
| Cobalt | 2050 | 29 |
| Manganese | 2020 | 0 |
| Manganese | 2030 | 0 |
| Manganese | 2040 | 0 |
| Manganese | 2050 | 1 |
| Silicon | 2020 | 1 |
| Silicon | 2030 | 4 |
| Silicon | 2040 | 4 |
| Silicon | 2050 | 4 |
| Rare earth | 2020 | 0 |
| Rare earth | 2030 | 4 |
| Rare earth | 2040 | 4 |
| Rare earth | 2050 | 4 |
| Coal | 2020 | 430 |
| Coal | 2030 | 176 |
| Coal | 2040 | 76 |
| Coal | 2050 | 37 |

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| Commodity | Year | Australian revenue (A$b) |
|---|---|---|
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| Coal | 2040 | 8 |
| Coal | 2050 | 4 |
| Critical minerals | 2020 | 3 |
| Critical minerals | 2030 | 40 |
| Critical minerals | 2040 | 84 |
| Critical minerals | 2050 | 106 |

Amended to remove lithium

| Commodity | Year | Global market (US$b) |
|---|---|---|
| Copper | 2020 | 35 |
| Copper | 2030 | 143 |
| Copper | 2040 | 171 |
| Copper | 2050 | 149 |
| Nickel | 2020 | 3 |
| Nickel | 2030 | 54 |
| Nickel | 2040 | 84 |
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| Graphite | 2040 | 38 |
| Graphite | 2050 | 40 |
| Cobalt | 2020 | 1 |
| Cobalt | 2030 | 15 |
| Cobalt | 2040 | 24 |
| Cobalt | 2050 | 29 |
| Manganese | 2020 | 0 |
| Manganese | 2030 | 0 |
| Manganese | 2040 | 0 |
| Manganese | 2050 | 1 |
| Silicon | 2020 | 1 |
| Silicon | 2030 | 4 |
| Silicon | 2040 | 4 |
| Silicon | 2050 | 4 |
| Rare earth | 2020 | 0 |
| Rare earth | 2030 | 4 |
| Rare earth | 2040 | 4 |
| Rare earth | 2050 | 4 |
| Coal | 2020 | 430 |
| Coal | 2030 | 176 |
| Coal | 2040 | 76 |
| Coal | 2050 | 37 |

Metals and Minerals aggregation (NO lithium)

| Year | New economy minerals | Coal |
|---|---|---|
| 2020 | 41 | 430 |
| 2030 | 247 | 176 |
| 2040 | 326 | 76 |
| 2050 | 326 | 37 |

Metals and Minerals aggregation

| Year | New economy minerals | Coal |
|---|---|---|
| 2020 | 41.94 | 430 |
| 2030 | 279.71 | 176 |
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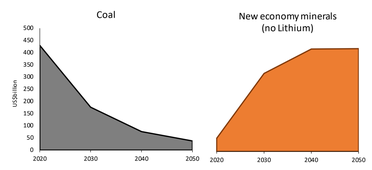


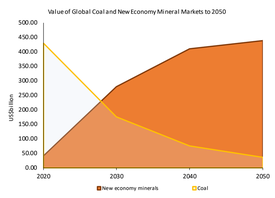


Source: Grattan Institute/IEA

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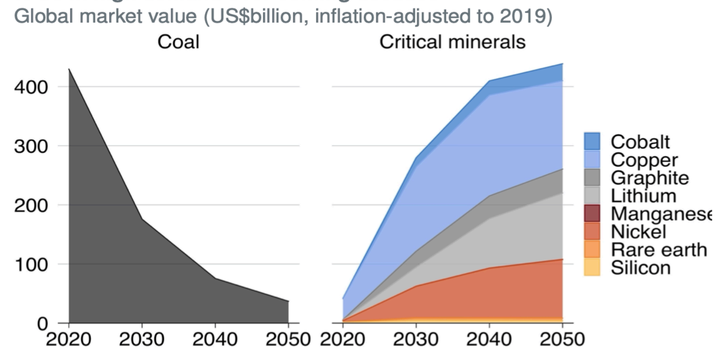
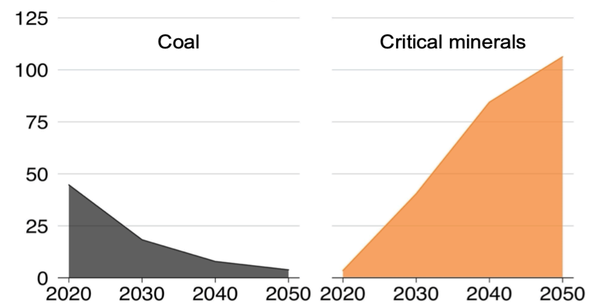
**Figure 2.5: Minerals critical to low-emissions technologies are expected to be in high demand over coming decades**

Global market value (US$billion, inflation-adjusted to 2019)




Australian revenue assuming constant market share (A$b)

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|---|---|---|---|
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| Total demand by mineral | 2020 | 2030 | 2040 |
| (thousand tonnes, kt) | | | |
| Arsenic | 0.00 | 0.19 | 6.91 |
| Boron | 0.08 | 0.26 | 0.30 |
| Cadmium | 0.21 | 0.35 | 0.32 |
| Chromium | 133.60 | 573.53 | 458.96 |
| Copper | 5,715.17 | 10,704.98 | 15,146.84 |
| Cobalt | 21.34 | 262.26 | 455.14 |
| Gallium | 0.00 | 0.09 | 2.77 |
| Germanium | 0.00 | 0.01 | 0.01 |
| Graphite | 155.67 | 2,641.30 | 3,848.75 |
| Hafnium | 0.00 | 0.01 | 0.01 |
| Indium | 0.03 | 0.07 | 0.09 |
| Iridium | 0.00 | 0.00 | 0.00 |
| Lead | 8.31 | 19.51 | 14.41 |
| Lithium | 21.57 | 378.16 | 903.82 |
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| Molybdenum | 17.79 | 68.00 | 51.18 |
| Nickel | 196.26 | 2,224.95 | 3,804.03 |
| Niobium | 0.15 | 1.62 | 2.94 |
| Platinum | 0.00 | 0.04 | 0.12 |
| Selenium | 0.04 | 0.08 | 0.07 |
| Silica[3] | 390.19 | 831.25 | 904.37 |
| Silver | 1.98 | 3.76 | 2.67 |
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| Tellurium | 0.21 | 0.34 | 0.33 |
| Tin | 0.67 | 1.73 | 1.84 |
| Titanium | 4.73 | 15.06 | 13.58 |
| Tungsten | 0.05 | 0.12 | 0.06 |
| Vanadium | 0.01 | 18.69 | 219.48 |
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| Total | 7,093.66 | 19,057.90 | 27,485.25 |

| Queensland New Economy Minerals[2] | | | | |
|---|---|---|---|---|
| *Filtering IEA list through Queensland Government list* | | | | |
| Total demand by mineral | 2020 | 2030 | 2040 | |
| (thousand tonnes, kt) | | | | |
| Bauxite | NO | NO | NO | |
| Cadmium | 0.21 | 0.35 | 0.32 | |
| Cobalt | 21.34 | 262.26 | 455.14 | |
| Copper | 5,715.17 | 10,704.98 | 15,146.84 | |
| Gold | NO | NO | NO | |
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| REE | 6.36 | 34.25 | 46.60 | |
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| Selenium | 0.04 | 0.08 | 0.07 | |
| Silica2 | NO | NO | NO | |
| Silver | 1.98 | 3.76 | 2.67 | |
| Tantalum | 0.05 | 0.34 | 0.21 | |
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| Total demand by mineral | Notes | 2020 | 2030 | 2040 | Growth in supply decade on decade 2030 | 2040 |
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| Silver | | 1.98 | 3.76 | 2.67 | 90% | -29% |
| Zirconium | | 0.29 | 1.72 | 2.48 | 489% | 44% |
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| Cadmium | | 0.21 | 0.35 | 0.32 | 67% | -8% |
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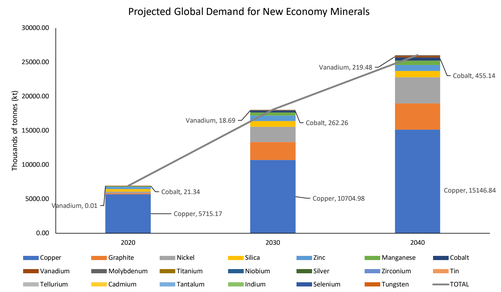
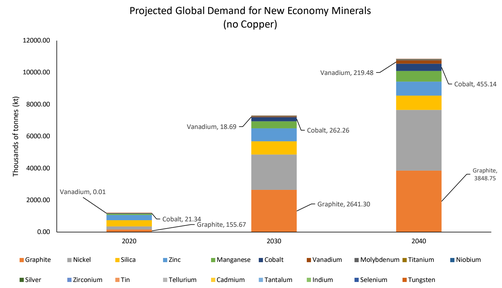
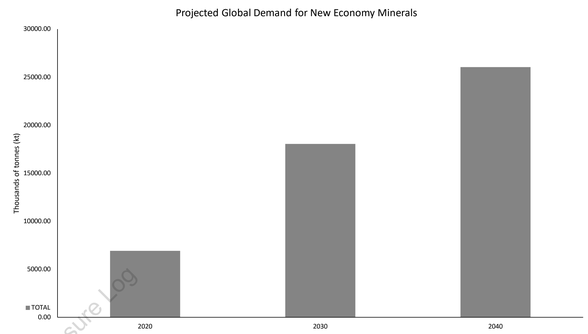
| Tungsten | | 0.05 | 0.12 | 0.06 | 148% | -46% |
| TOTAL | | 6927.31 | 18060.67 | 26040.81 | | |

NOTES

1 Data supports IEA (2020) *The Role of Critical Minerals in Clean Energy Transition* report. Data used across report. Data release does not represent all data used within report.
2 Based on list obtained from: https://www.resources.qld.gov.au/mining-resources/initiatives/new-economy-minerals#:~:text=Queensland%20has%20a%20rich%20endowment%20of%20many%20new,Manganese%209%20Molybdenum%2010%20Niobium%20More%20items...%20
3 Terms have been made uniform. IEA data describes "silicon" while Queensland Government webside describes 'Silica (Lump silica, Silica Sand)'.

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| IEA World Energy Outlook 2021 (Table A.13) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Coal Type | Historic | Stated Policy Scenario | | Announced Pledges Scenario | | Sustainable Development Scenario | |
| | *2020* | *2030* | *2050* | *2030* | *2050* | *2030* | *2050* |
| Mtce | | | | | | | |
| Total Coal[1] | 5,462 | 5,132 | 4,020 | 4,828 | 2,672 | 3,786 | 1,189 |
| Thermal coal | 4,296 | 3,944 | 3,057 | 3,703 | 1,982 | 2,839 | 771 |
| Metallurgical coal | 940 | 1,005 | 843 | 971 | 605 | 850 | 406 |
| *% change from 2020* | | | | | | | |
| Total Coal[1] | | -6% | -26% | -12% | -51% | -31% | -78% |
| Thermal coal | | -8% | -29% | -14% | -54% | -34% | -82% |
| Metallurgical coal | | 7% | -10% | 3% | -36% | -10% | -57% |

Notes
1. also includes Lignite and Peat, therefore figures do not add up

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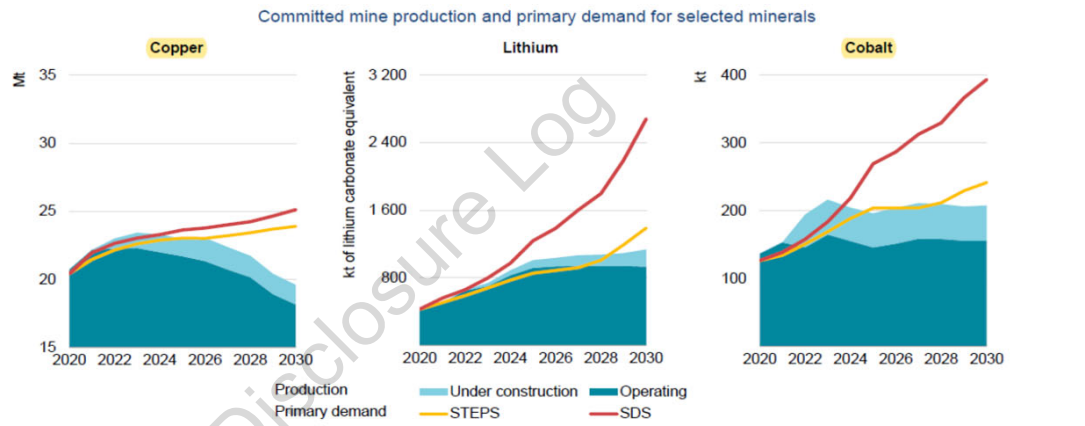
| | Copper (mt) | Cobalt (kt) |
|---|---|---|
| Estimated demand in 2030 under SDS | 25 | 400 |
| Estimated supply in 2030 from existing and planned mines | 20 | 200 |
| *% difference in terms of growth* | 25% | 100% |
| *% diference in absolute terms* | 125% | 200% |

Source: IEA (2020) The Role of Critical Minerals in Clean Energy Transition, page 119 and applies to the IEA's sustainable development scenario in which the world reaches NZE by 2050 and limits global warming to 1.5C.

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Notes: Primary demand is total demand net of recycled volume (also called primary supply requirements). Projected production profiles are sourced from the S&P Global Market Intelligence database with adjustments to unspecified volumes. Operating projects include the expansion of existing mines. Under-construction projects include those for which the development stage is indicated as commissioning, construction planned, construction started or preproduction. Mt = million tonnes.

Source: IEA analysis based on S&P Global (2021).

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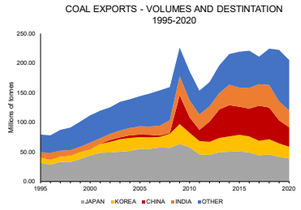
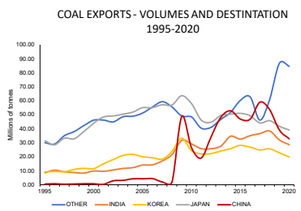
**Export destination of coal Annual volume of production**
(Millions of tonnes)

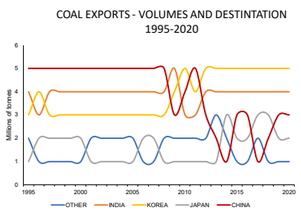
| YEAR | CHINA | INDIA | JAPAN | KOREA | OTHER |
|---|---|---|---|---|---|
| 1995 | 0.40 | 8.51 | 31.33 | 9.18 | 29.94 |
| 1996 | 0.62 | 10.40 | 28.55 | 9.35 | 29.10 |
| 1997 | 0.30 | 9.17 | 33.26 | 9.22 | 35.07 |
| 1998 | 0.47 | 8.66 | 32.87 | 10.95 | 37.95 |
| 1999 | 0.72 | 8.35 | 38.06 | 11.71 | 42.26 |
| 2000 | 0.59 | 9.71 | 43.89 | 11.42 | 46.10 |
| 2001 | 0.25 | 9.55 | 48.47 | 15.03 | 46.24 |
| 2002 | 2.75 | 10.50 | 49.15 | 17.96 | 44.92 |
| 2003 | 3.09 | 11.58 | 50.37 | 20.93 | 48.66 |
| 2004 | 4.29 | 12.18 | 51.86 | 21.70 | 48.96 |
| 2005 | 4.18 | 13.55 | 54.58 | 19.94 | 51.17 |
| 2006 | 4.29 | 14.14 | 55.02 | 19.28 | 55.53 |
| 2007 | 1.97 | 16.97 | 57.20 | 18.22 | 59.25 |
| 2008 | 1.57 | 21.48 | 56.66 | 23.65 | 55.69 |
| 2009 | 48.69 | 31.75 | 63.53 | 33.21 | 49.09 |
| 2010 | 26.32 | 29.17 | 57.92 | 24.25 | 48.31 |
| 2011 | 19.02 | 25.68 | 46.13 | 21.99 | 40.34 |
| 2012 | 34.17 | 25.65 | 44.72 | 22.27 | 41.02 |
| 2013 | 48.16 | 27.66 | 49.48 | 24.04 | 46.73 |
| 2014 | 52.77 | 34.58 | 50.36 | 25.82 | 51.64 |
| 2015 | 46.93 | 32.59 | 50.95 | 28.07 | 60.27 |
| 2016 | 46.82 | 35.05 | 49.23 | 26.80 | 62.71 |
| 2017 | 58.88 | 36.53 | 44.09 | 24.83 | 46.12 |
| 2018 | 53.54 | 38.35 | 45.70 | 25.50 | 61.05 |
| 2019 | 38.83 | 31.95 | 41.62 | 22.75 | 87.02 |
| 2020 | 32.78 | 28.53 | 39.07 | 19.73 | 84.64 |

**Export Destinations ranked by volumes**

| YEAR | CHINA | INDIA | JAPAN | KOREA | OTHER |
|---|---|---|---|---|---|
| 1995 | 5 | 4 | 1 | 3 | 2 |
| 1996 | 5 | 3 | 2 | 4 | 1 |
| 1997 | 5 | 4 | 2 | 3 | 1 |
| 1998 | 5 | 4 | 2 | 3 | 1 |
| 1999 | 5 | 4 | 2 | 3 | 1 |
| 2000 | 5 | 4 | 2 | 3 | 1 |
| 2001 | 5 | 4 | 1 | 3 | 2 |
| 2002 | 5 | 4 | 1 | 3 | 2 |
| 2003 | 5 | 4 | 1 | 3 | 2 |
| 2004 | 5 | 4 | 1 | 3 | 2 |
| 2005 | 5 | 4 | 1 | 3 | 2 |
| 2006 | 5 | 4 | 2 | 3 | 1 |
| 2007 | 5 | 4 | 2 | 3 | 1 |
| 2008 | 5 | 4 | 1 | 3 | 2 |
| 2009 | 3 | 5 | 1 | 4 | 2 |
| 2010 | 4 | 3 | 1 | 5 | 2 |
| 2011 | 5 | 3 | 1 | 4 | 2 |
| 2012 | 3 | 4 | 1 | 5 | 2 |
| 2013 | 2 | 4 | 1 | 5 | 3 |
| 2014 | 1 | 4 | 3 | 5 | 2 |
| 2015 | 3 | 4 | 2 | 5 | 1 |
| 2016 | 3 | 4 | 2 | 5 | 1 |
| 2017 | 1 | 4 | 3 | 5 | 2 |
| 2018 | 2 | 4 | 3 | 5 | 1 |
| 2019 | 3 | 4 | 2 | 5 | 1 |
| 2020 | 3 | 4 | 2 | 5 | 1 |




**Original Data (from Department of Resources Intranet PowerBi tool)**

| Date - Year | Date - Quarter | CountryQuickSales | Sum of Sales Volume |
|---|---|---|---|
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| 2020 | Qtr 1 | India | 1650760 |
| 2020 | Qtr 1 | Japan | 3234076 |
| 2020 | Qtr 1 | Korea | 1968604 |
| 2020 | Qtr 1 | Other | 8273739 |
| 2020 | Qtr 2 | China | 3664059 |
| 2020 | Qtr 2 | India | 2593154 |
| 2020 | Qtr 2 | Japan | 2582043 |
| 2020 | Qtr 2 | Korea | 1169180 |
| 2020 | Qtr 2 | Other | 6824269 |
| 2020 | Qtr 3 | China | 3353144 |
| 2020 | Qtr 3 | India | 1996525 |
| 2020 | Qtr 3 | Japan | 3154359 |
| 2020 | Qtr 3 | Korea | 1940986 |
| 2020 | Qtr 3 | Other | 6068247 |
| 2020 | Qtr 4 | China | 3966418 |
| 2020 | Qtr 4 | India | 1576047 |
| 2020 | Qtr 4 | Japan | 3564744 |
| 2020 | Qtr 4 | Korea | 1917351 |
| 2020 | Qtr 4 | Other | 6559374 |
| 2020 | Qtr 2 | China | 5500838 |
| 2020 | Qtr 2 | India | 1241307 |
| 2020 | Qtr 2 | Japan | 2502014 |
| 2020 | Qtr 2 | Korea | 1121926 |
| 2020 | Qtr 2 | Other | 7158667 |
| 2020 | Qtr 1 | China | 4834811 |
| 2020 | Qtr 1 | India | 1233535 |
| 2020 | Qtr 1 | Japan | 2242372 |
| 2020 | Qtr 1 | Korea | 1205869 |
| 2020 | Qtr 1 | Other | 8808837 |
| 2020 | Qtr 3 | China | 3038255 |
| 2020 | Qtr 3 | India | 2394484 |
| 2020 | Qtr 3 | Japan | 2504501 |
| 2020 | Qtr 3 | Korea | 1466083 |
| 2020 | Qtr 3 | Other | 6545288 |
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| 2020 | Qtr 3 | India | 2916604 |
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| 2020 | Qtr 3 | Korea | 1563891 |
| 2020 | Qtr 3 | Other | 7359232 |
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| 2020 | Qtr 3 | Japan | 3683871 |
| 2020 | Qtr 3 | Korea | 1739028 |
| 2020 | Qtr 3 | Other | 6105042 |
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| 2020 | Qtr 4 | Japan | 3640268 |
| 2020 | Qtr 4 | Korea | 1517952 |
| 2020 | Qtr 4 | Other | 6339213 |
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| 2020 | Qtr 4 | Japan | 5049178 |
| 2020 | Qtr 4 | Korea | 2505479 |
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| 2019 | Qtr 1 | Japan | 4354748 |
| 2019 | Qtr 1 | Korea | 1900568 |
| 2019 | Qtr 1 | Other | 7261413 |
| 2019 | Qtr 1 | China | 3586009 |
| 2019 | Qtr 1 | India | 2007232 |
| 2019 | Qtr 1 | Japan | 3063779 |
| 2019 | Qtr 1 | Korea | 1586445 |
| 2019 | Qtr 1 | Other | 4203155 |
| 2019 | Qtr 1 | China | 3154257 |
| 2019 | Qtr 1 | India | 2778012 |
| 2019 | Qtr 1 | Japan | 3331583 |
| 2019 | Qtr 1 | Korea | 2642689 |
| 2019 | Qtr 1 | Other | 7403076 |
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| 2019 | Qtr 2 | Korea | 1907502 |
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| 2019 | Qtr 2 | India | 3267924 |
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| 2019 | Qtr 2 | India | 3099826 |
| 2019 | Qtr 2 | Japan | 3582309 |
| 2019 | Qtr 2 | Korea | 2055670 |
| 2019 | Qtr 2 | Other | 6962639 |
| 2019 | Qtr 3 | China | 4065653 |
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| 2019 | Qtr 3 | Japan | 3090360 |
| 2019 | Qtr 3 | Korea | 1983809 |
| 2019 | Qtr 3 | Other | 8109917 |
| 2019 | Qtr 3 | China | 3388421 |
| 2019 | Qtr 3 | India | 2117814 |
| 2019 | Qtr 3 | Japan | 3587901 |
| 2019 | Qtr 3 | Korea | 1470903 |
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| 2019 | Qtr 3 | India | 1723301 |
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| 2019 | Qtr 4 | Japan | 2981008 |
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| 2020 | Qtr 2 | Korea | 1121926 |
| 2020 | Qtr 2 | Other | 7158667 |
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| 2020 | Qtr 4 | Korea | 1618475 |
| 2020 | Qtr 4 | Other | 6353920 |
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| 2020 | Qtr 4 | India | 3668722 |
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| 2020 | Qtr 4 | Other | 6339213 |
| 2020 | Qtr 4 | India | 3478093 |
| 2020 | Qtr 4 | Japan | 5049178 |
| 2020 | Qtr 4 | Korea | 2505479 |
| 2020 | Qtr 4 | Other | 8243243 |
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| 2019 | Qtr 1 | Korea | 1586445 |
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| 2019 | Qtr 1 | India | 2778012 |
| 2019 | Qtr 1 | Japan | 3331583 |
| 2019 | Qtr 1 | Korea | 2642689 |
| 2019 | Qtr 1 | Other | 7403076 |
| 2019 | Qtr 2 | China | 3364811 |
| 2019 | Qtr 2 | India | 2775797 |
| 2019 | Qtr 2 | Japan | 3183564 |
| 2019 | Qtr 2 | Korea | 1907502 |
| 2019 | Qtr 2 | Other | 7249308 |
| 2019 | Qtr 2 | China | 3284806 |
| 2019 | Qtr 2 | India | 3267924 |
| 2019 | Qtr 2 | Japan | 3089727 |
| 2019 | Qtr 2 | Korea | 1791791 |
| 2019 | Qtr 2 | Other | 7109759 |
| 2019 | Qtr 2 | China | 4325561 |
| 2019 | Qtr 2 | India | 3099826 |
| 2019 | Qtr 2 | Japan | 3582309 |
| 2019 | Qtr 2 | Korea | 2055670 |
| 2019 | Qtr 2 | Other | 6962639 |
| 2019 | Qtr 3 | China | 4065653 |
| 2019 | Qtr 3 | India | 2949869 |
| 2019 | Qtr 3 | Japan | 3090360 |
| 2019 | Qtr 3 | Korea | 1983809 |
| 2019 | Qtr 3 | Other | 8109917 |
| 2019 | Qtr 3 | China | 3388421 |
| 2019 | Qtr 3 | India | 2117814 |
| 2019 | Qtr 3 | Japan | 3587901 |
| 2019 | Qtr 3 | Korea | 1470903 |
| 2019 | Qtr 3 | Other | 6259408 |
| 2019 | Qtr 3 | China | 3026500 |
| 2019 | Qtr 3 | India | 1723301 |
| 2019 | Qtr 3 | Japan | 3601268 |
| 2019 | Qtr 3 | Korea | 2052324 |
| 2019 | Qtr 3 | Other | 7564078 |
| 2019 | Qtr 4 | China | 2629017 |
| 2019 | Qtr 4 | India | 2475799 |
| 2019 | Qtr 4 | Japan | 2981008 |
| 2019 | Qtr 4 | Korea | 1513184 |
| 2019 | Qtr 4 | Other | 7652033 |
| 2019 | Qtr 4 | China | 1817142 |
| 2019 | Qtr 4 | India | 2660541 |
| 2019 | Qtr 4 | Japan | 3687385 |
| 2019 | Qtr 4 | Korea | 1908681 |
| 2019 | Qtr 4 | Other | 7533870 |
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| 2020 | Qtr 1 | India | 1650760 |
| 2020 | Qtr 1 | Japan | 3234076 |
| 2020 | Qtr 1 | Korea | 1968604 |
| 2020 | Qtr 1 | Other | 8273739 |
| 2020 | Qtr 2 | China | 3664059 |
| 2020 | Qtr 2 | India | 2593154 |
| 2020 | Qtr 2 | Japan | 2582043 |
| 2020 | Qtr 2 | Korea | 1169180 |
| 2020 | Qtr 2 | Other | 6824269 |
| 2020 | Qtr 3 | China | 3353144 |
| 2020 | Qtr 3 | India | 1996525 |
| 2020 | Qtr 3 | Japan | 3154359 |
| 2020 | Qtr 3 | Korea | 1940986 |
| 2020 | Qtr 3 | Other | 6068247 |
| 2020 | Qtr 4 | China | 3966418 |
| 2020 | Qtr 4 | India | 1576047 |
| 2020 | Qtr 4 | Japan | 3564744 |
| 2020 | Qtr 4 | Korea | 1917351 |
| 2020 | Qtr 4 | Other | 6559374 |
| 2020 | Qtr 2 | China | 5500838 |
| 2020 | Qtr 2 | India | 1241307 |
| 2020 | Qtr 2 | Japan | 2502014 |
| 2020 | Qtr 2 | Korea | 1121926 |
| 2020 | Qtr 2 | Other | 7158667 |
| 2020 | Qtr 1 | China | 4834811 |
| 2020 | Qtr 1 | India | 1233535 |
| 2020 | Qtr 1 | Japan | 2242372 |
| 2020 | Qtr 1 | Korea | 1205869 |
| 2020 | Qtr 1 | Other | 8808837 |
| 2020 | Qtr 3 | China | 3038255 |
| 2020 | Qtr 3 | India | 2394484 |
| 2020 | Qtr 3 | Japan | 2504501 |
| 2020 | Qtr 3 | Korea | 1466083 |
| 2020 | Qtr 3 | Other | 6545288 |
| 2020 | Qtr 3 | China | 2038684 |
| 2020 | Qtr 3 | India | 2916604 |
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| 2020 | Qtr 3 | Korea | 1563891 |
| 2020 | Qtr 3 | Other | 7359232 |
| 2020 | Qtr 3 | China | 1271964 |
| 2020 | Qtr 3 | India | 3306725 |
| 2020 | Qtr 3 | Japan | 3683871 |
| 2020 | Qtr 3 | Korea | 1739028 |
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| 2020 | Qtr 4 | India | 2477382 |
| 2020 | Qtr 4 | Japan | 3891877 |
| 2020 | Qtr 4 | Korea | 1618475 |
| 2020 | Qtr 4 | Other | 6353920 |
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| 2020 | Qtr 4 | India | 3668722 |
| 2020 | Qtr 4 | Japan | 3640268 |
| 2020 | Qtr 4 | Korea | 1517952 |
| 2020 | Qtr 4 | Other | 6339213 |
| 2020 | Qtr 4 | India | 3478093 |
| 2020 | Qtr 4 | Japan | 5049178 |
| 2020 | Qtr 4 | Korea | 2505479 |
| 2020 | Qtr 4 | Other | 8243243 |
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| 2019 | Qtr 1 | India | 2815242 |
| 2019 | Qtr 1 | Japan | 4354748 |
| 2019 | Qtr 1 | Korea | 1900568 |
| 2019 | Qtr 1 | Other | 7261413 |
| 2019 | Qtr 1 | China | 3586009 |
| 2019 | Qtr 1 | India | 2007232 |
| 2019 | Qtr 1 | Japan | 3063779 |
| 2019 | Qtr 1 | Korea | 1586445 |
| 2019 | Qtr 1 | Other | 4203155 |
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| 2019 | Qtr 1 | India | 2778012 |
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| 2019 | Qtr 2 | India | 2775797 |
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| 2019 | Qtr 3 | Korea | 1470903 |
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| 2019 | Qtr 3 | Japan | 3601268 |
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| 2020 | Qtr 3 | Korea | 1940986 |
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| 2020 | Qtr 4 | Japan | 3564744 |
| 2020 | Qtr 4 | Korea | 1917351 |
| 2020 | Qtr 4 | Other | 6559374 |
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| 2020 | Qtr 1 | Korea | 1205869 |
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| 2020 | Qtr 4 | Japan | 3640268 |
| 2020 | Qtr 4 | Korea | 1517952 |
| 2020 | Qtr 4 | Other | 6339213 |
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| 2019 | Qtr 1 | Other | 7261413 |
| 2019 | Qtr 1 | China | 3586009 |
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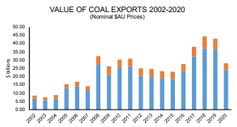
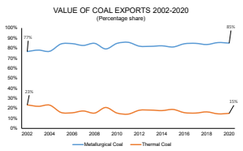
| Annual value of production | | | | | | |
|---|---|---|---|---|---|---|
| $ Billions | | | | | | |
| YEAR | Metallurgical Coal | | Thermal Coal | | | TOTAL |
| | No. | % share | No. | % share | | |
| 2002 | 6.47 | 77% | 1.98 | 23% | 8.45 | |
| 2003 | 5.76 | 79% | 1.62 | 22% | 7.38 | |
| 2004 | 6.72 | 77% | 2.02 | 23% | 8.74 | |
| 2005 | 12.09 | 84% | 2.32 | 16% | 14.41 | |
| 2006 | 14.28 | 84% | 2.62 | 16% | 16.92 | |
| 2007 | 11.75 | 83% | 2.46 | 17% | 14.16 | |
| 2008 | 27.42 | 85% | 4.81 | 15% | 32.35 | |
| 2009 | 20.69 | 79% | 5.42 | 21% | 26.11 | |
| 2010 | 25.62 | 85% | 4.61 | 15% | 30.22 | |
| 2011 | 26.35 | 86% | 4.38 | 14% | 30.72 | |
| 2012 | 22.41 | 82% | 4.91 | 18% | 27.32 | |
| 2013 | 20.11 | 82% | 4.46 | 18% | 24.59 | |
| 2014 | 19.12 | 82% | 4.12 | 18% | 23.24 | |
| 2015 | 18.55 | 81% | 4.31 | 19% | 22.86 | |
| 2016 | 23.23 | 84% | 4.32 | 16% | 27.55 | |
| 2017 | 37.55 | 84% | 7.08 | 16% | 44.63 | |
| 2018 | 37.55 | 84% | 7.28 | 16% | 44.83 | |
| 2019 | 36.69 | 86% | 6.20 | 14% | 42.89 | |
| 2020 | 23.82 | 85% | 4.19 | 15% | 28.02 | |
| | | | | | | |
| ten year average 2011-2020 | 25.76 | 84% | 4.98 | 16% | 30.71 | |




**Original Data (from Queensland Treasury and unpublished Australian Bureau of Statistics data)**

| | Monthly, $ million | Metallurgical coal | Thermal coal | Total value of coal exports |
|---|---|---|---|---|
| 1 | 2002 | 597.1 | 203.5 | 800.6 |
| 2 | 2002 | 513.1 | 199.8 | 712.9 |
| 3 | 2002 | 571.6 | 163.0 | 734.6 |
| 4 | 2002 | 546.3 | 171.3 | 717.6 |
| 5 | 2002 | 527.9 | 146.5 | 674.4 |
| 6 | 2002 | 554.1 | 151.8 | 705.9 |
| 7 | 2002 | 536.4 | 169.3 | 705.7 |
| 8 | 2002 | 530.6 | 145.3 | 695.9 |
| 9 | 2002 | 503.1 | 175.4 | 678.5 |
| 10 | 2002 | 462.3 | 151.0 | 613.3 |
| 11 | 2002 | 534.7 | 157.1 | 691.8 |
| 12 | 2002 | 583.1 | 152.4 | 735.5 |
| 1 | 2003 | 469.5 | 105.9 | 575.4 |
| 2 | 2003 | 459.1 | 101.1 | 560.2 |
| 3 | 2003 | 544.4 | 149.9 | 694.3 |
| 4 | 2003 | 529.4 | 123.1 | 652.5 |
| 5 | 2003 | 474.3 | 117.2 | 591.4 |
| 6 | 2003 | 492.5 | 137.4 | 629.9 |
| 7 | 2003 | 458.5 | 126.4 | 584.9 |
| 8 | 2003 | 436.2 | 128.2 | 564.4 |
| 9 | 2003 | 447.5 | 134.7 | 582.2 |
| 10 | 2003 | 460.5 | 154.3 | 614.8 |
| 11 | 2003 | 421.8 | 123.0 | 544.8 |
| 12 | 2003 | 410.2 | 120.9 | 531.0 |
| 1 | 2004 | 395.0 | 132.5 | 527.5 |
| 2 | 2004 | 343.4 | 117.0 | 460.4 |
| 3 | 2004 | 412.5 | 116.2 | 530.8 |
| 4 | 2004 | 534.9 | 150.0 | 674.9 |
| 5 | 2004 | 551.4 | 208.2 | 759.6 |
| 6 | 2004 | 597.5 | 154.6 | 752.1 |
| 7 | 2004 | 611.4 | 172.4 | 783.8 |
| 8 | 2004 | 709.4 | 212.1 | 921.4 |
| 9 | 2004 | 562.9 | 199.2 | 762.1 |
| 10 | 2004 | 673.1 | 193.9 | 867.0 |
| 11 | 2004 | 664.5 | 213.2 | 877.7 |
| 12 | 2004 | 714.9 | 163.7 | 877.7 |
| 1 | 2005 | 640.3 | 195.1 | 835.4 |
| 2 | 2005 | 651.8 | 167.4 | 819.2 |
| 3 | 2005 | 723.2 | 123.4 | 846.6 |
| 4 | 2005 | 1,066.2 | 203.3 | 1,269.5 |
| 5 | 2005 | 1,174.1 | 237.3 | 1,411.4 |
| 6 | 2005 | 1,176.1 | 228.6 | 1,404.7 |
| 7 | 2005 | 1,275.2 | 226.0 | 1,501.2 |
| 8 | 2005 | 1,158.7 | 233.2 | 1,391.9 |
| 9 | 2005 | 1,224.3 | 211.2 | 1,435.5 |
| 10 | 2005 | 1,317.8 | 235.6 | 1,553.4 |
| 11 | 2005 | 1,153.9 | 206.1 | 1,360.0 |
| 12 | 2005 | 1,159.3 | 208.1 | 1,367.4 |
| 1 | 2006 | 1,237.2 | 239.6 | 1,476.8 |
| 2 | 2006 | 1,069.4 | 190.0 | 1,259.4 |
| 3 | 2006 | 1,350.3 | 190.4 | 1,540.7 |
| 4 | 2006 | 1,216.1 | 272.7 | 1,488.8 |
| 5 | 2006 | 1,158.4 | 229.0 | 1,387.4 |
| 6 | 2006 | 1,214.9 | 215.7 | 1,430.6 |
| 7 | 2006 | 1,213.4 | 216.6 | 1,430.0 |
| 8 | 2006 | 1,256.5 | 194.1 | 1,450.5 |
| 9 | 2006 | 1,101.0 | 223.5 | 1,324.5 |
| 10 | 2006 | 1,150.1 | 204.2 | 1,354.3 |
| 11 | 2006 | 1,166.9 | 146.9 | 1,313.8 |
| 12 | 2006 | 1,147.2 | 165.9 | 1,313.1 |
| 1 | 2007 | 1,165.5 | 246.6 | 1,412.0 |
| 2 | 2007 | 969.5 | 188.8 | 1,158.3 |
| 3 | 2007 | 1,113.9 | 186.4 | 1,300.2 |
| 4 | 2007 | 1,010.5 | 230.7 | 1,241.2 |
| 5 | 2007 | 1,006.6 | 214.9 | 1,221.5 |
| 6 | 2007 | 1,035.2 | 210.5 | 1,245.7 |
| 7 | 2007 | 836.2 | 210.7 | 1,046.9 |
| 8 | 2007 | 979.9 | 189.9 | 1,169.8 |
| 9 | 2007 | 973.3 | 185.4 | 1,158.7 |
| 10 | 2007 | 910.0 | 167.5 | 1,077.5 |
| 11 | 2007 | 1,078.1 | 156.4 | 1,234.5 |
| 12 | 2007 | 919.3 | 235.7 | 1,155.0 |
| 1 | 2008 | 867.6 | 264.0 | 1,131.6 |
| 2 | 2008 | 655.7 | 165.1 | 820.8 |
| 3 | 2008 | 869.1 | 280.8 | 1,149.9 |
| 4 | 2008 | 1,202.6 | 268.0 | 1,470.6 |
| 5 | 2008 | 1,725.8 | 308.2 | 2,034.0 |
| 6 | 2008 | 2,292.6 | 468.1 | 2,760.7 |
| 7 | 2008 | 2,363.6 | 496.0 | 2,859.6 |
| 8 | 2008 | 3,197.0 | 402.1 | 3,599.1 |
| 9 | 2008 | 3,465.0 | 532.4 | 3,996.4 |
| 10 | 2008 | 3,870.4 | 677.0 | 4,547.5 |
| 11 | 2008 | 3,416.9 | 460.1 | 3,877.0 |
| 12 | 2008 | 2,918.3 | 858.5 | 3,777.0 |
| 1 | 2009 | 2,023.6 | 734.5 | 2,758.3 |
| 2 | 2009 | 2,055.9 | 183.0 | 2,618.9 |
| 3 | 2009 | 2,221.5 | 514.5 | 2,736.0 |
| 4 | 2009 | 2,063.9 | 495.3 | 2,560.7 |
| 5 | 2009 | 1,564.6 | 426.5 | 2,061.1 |
| 6 | 2009 | 1,574.0 | 507.0 | 2,081.0 |
| 7 | 2009 | 1,573.5 | 449.4 | 2,022.9 |
| 8 | 2009 | 1,459.2 | 394.5 | 1,853.7 |
| 9 | 2009 | 1,692.3 | 345.5 | 2,038.8 |
| 10 | 2009 | 1,417.1 | 374.8 | 1,791.9 |
| 11 | 2009 | 1,420.5 | 322.9 | 1,744.8 |
| 12 | 2009 | 1,635.0 | 345.8 | 2,027.1 |
| 1 | 2010 | 1,508.6 | 548.5 | 2,057.1 |
| 2 | 2010 | 1,268.6 | 286.6 | 1,555.2 |
| 3 | 2010 | 1,392.2 | 257.8 | 1,650.0 |
| 4 | 2010 | 2,031.4 | 329.0 | 2,360.2 |
| 5 | 2010 | 2,468.2 | 362.0 | 2,798.2 |
| 6 | 2010 | 2,468.3 | 416.7 | 2,885.0 |
| 7 | 2010 | 2,198.3 | 417.7 | 2,604.0 |
| 8 | 2010 | 2,891.0 | 498.6 | 3,389.6 |
| 9 | 2010 | 2,442.5 | 491.2 | 2,933.7 |
| 10 | 2010 | 2,242.8 | 418.3 | 2,661.2 |
| 11 | 2010 | 2,220.0 | 367.5 | 2,587.5 |
| 12 | 2010 | 2,020.5 | 362.9 | 2,383.4 |
| 1 | 2011 | 1,216.0 | 243.9 | 1,460.0 |
| 2 | 2011 | 1,216.5 | 198.8 | 1,414.3 |
| 3 | 2011 | 1,867.4 | 247.4 | 2,114.8 |
| 4 | 2011 | 1,977.9 | 300.5 | 2,278.5 |
| 5 | 2011 | 2,311.1 | 316.1 | 2,626.3 |
| 6 | 2011 | 2,296.5 | 339.0 | 2,635.5 |
| 7 | 2011 | 2,211.0 | 435.6 | 2,636.5 |
| 8 | 2011 | 2,719.8 | 396.1 | 3,115.9 |
| 9 | 2011 | 2,888.9 | 396.3 | 3,285.2 |
| 10 | 2011 | 2,562.5 | 470.3 | 3,072.8 |
| 11 | 2011 | 2,555.0 | 480.5 | 3,035.5 |
| 12 | 2011 | 2,302.3 | 484.4 | 2,786.7 |
| 1 | 2012 | 2,266.0 | 343.9 | 2,610.0 |
| 2 | 2012 | 1,896.4 | 317.0 | 2,213.4 |
| 3 | 2012 | 1,653.9 | 387.0 | 2,040.9 |
| 4 | 2012 | 1,685.8 | 344.0 | 2,029.8 |
| 5 | 2012 | 1,919.0 | 392.3 | 2,311.3 |
| 6 | 2012 | 1,916.5 | 364.0 | 2,280.5 |
| 7 | 2012 | 1,547.0 | 384.8 | 1,931.8 |
| 8 | 2012 | 1,386.4 | 341.4 | 1,727.8 |
| 9 | 2012 | 1,714.7 | 387.2 | 2,101.9 |
| 10 | 2012 | 1,451.8 | 492.6 | 1,944.5 |
| 11 | 2012 | 1,553.1 | 365.7 | 1,918.8 |
| 12 | 2012 | 1,696.2 | 410.5 | 2,106.7 |
| 1 | 2013 | 1,441.3 | 344.1 | 1,785.4 |
| 2 | 2013 | 1,418.1 | 299.6 | 1,717.7 |
| 3 | 2013 | 1,493.1 | 280.0 | 1,773.1 |
| 4 | 2013 | 1,538.8 | 312.8 | 1,851.6 |
| 5 | 2013 | 1,826.3 | 359.3 | 2,185.6 |
| 6 | 2013 | 1,924.1 | 423.0 | 2,347.1 |
| 7 | 2013 | 1,548.7 | 483.3 | 2,032.0 |
| 8 | 2013 | 1,707.9 | 423.8 | 2,131.7 |
| 9 | 2013 | 1,761.0 | 351.6 | 2,113.5 |
| 10 | 2013 | 1,826.4 | 332.3 | 2,158.7 |
| 11 | 2013 | 1,836.4 | 332.9 | 2,169.3 |
| 12 | 2013 | 1,917.3 | 473.4 | 2,390.7 |
| 1 | 2014 | 1,762.8 | 273.3 | 2,036.0 |
| 2 | 2014 | 1,462.0 | 379.8 | 1,841.8 |
| 3 | 2014 | 1,725.6 | 288.8 | 1,994.4 |
| 4 | 2014 | 1,602.2 | 304.3 | 1,906.5 |
| 5 | 2014 | 1,851.9 | 347.1 | 2,199.0 |
| 6 | 2014 | 1,601.9 | 361.1 | 1,963.1 |
| 7 | 2014 | 1,321.5 | 395.5 | 1,717.0 |
| 8 | 2014 | 1,555.2 | 367.9 | 1,923.2 |
| 9 | 2014 | 1,526.3 | 289.9 | 1,815.2 |
| 10 | 2014 | 1,734.5 | 301.0 | 2,035.5 |
| 11 | 2014 | 1,691.5 | 343.7 | 2,035.2 |
| 12 | 2014 | 1,736.4 | 368.9 | 2,105.2 |
| 1 | 2015 | 1,687.1 | 337.3 | 2,024.4 |
| 2 | 2015 | 1,447.7 | 346.9 | 1,794.6 |
| 3 | 2015 | 1,879.9 | 337.4 | 2,214.2 |
| 4 | 2015 | 1,427.7 | 303.8 | 1,811.5 |
| 5 | 2015 | 1,548.7 | 362.4 | 1,911.1 |
| 6 | 2015 | 1,697.0 | 386.6 | 2,053.6 |
| 7 | 2015 | 1,445.4 | 390.3 | 1,835.7 |
| 8 | 2015 | 1,635.2 | 371.5 | 1,976.7 |
| 9 | 2015 | 1,540.2 | 411.7 | 1,951.9 |
| 10 | 2015 | 1,525.9 | 332.7 | 1,858.6 |
| 11 | 2015 | 1,503.0 | 335.7 | 1,838.7 |
| 12 | 2015 | 1,397.9 | 344.1 | 1,732.1 |
| 1 | 2016 | 1,438.4 | 343.0 | 1,782.4 |
| 2 | 2016 | 1,103.6 | 309.2 | 1,412.7 |
| 3 | 2016 | 1,265.1 | 283.3 | 1,551.4 |
| 4 | 2016 | 1,301.7 | 273.8 | 1,575.5 |
| 5 | 2016 | 1,554.3 | 321.2 | 1,875.5 |
| 6 | 2016 | 1,607.4 | 312.9 | 1,920.3 |
| 7 | 2016 | 1,403.7 | 356.4 | 1,760.1 |
| 8 | 2016 | 1,389.2 | 388.6 | 1,777.8 |
| 9 | 2016 | 1,871.0 | 401.1 | 2,272.1 |
| 10 | 2016 | 2,552.9 | 391.6 | 2,944.5 |
| 11 | 2016 | 3,353.9 | 389.6 | 3,743.5 |
| 12 | 2016 | 4,220.3 | 572.4 | 4,792.7 |
| 1 | 2017 | 3,248.9 | 433.5 | 3,682.4 |
| 2 | 2017 | 2,801.2 | 487.3 | 3,288.5 |
| 3 | 2017 | 2,688.7 | 457.4 | 3,146.2 |
| 4 | 2017 | 1,040.2 | 314.3 | 1,354.5 |
| 5 | 2017 | 1,396.9 | 397.5 | 1,794.4 |
| 6 | 2017 | 3,095.1 | 537.5 | 3,632.6 |
| 7 | 2017 | 2,436.4 | 545.0 | 2,981.4 |
| 8 | 2017 | 2,763.2 | 472.6 | 3,235.7 |
| 9 | 2017 | 2,926.8 | 523.8 | 3,450.6 |
| 10 | 2017 | 2,601.7 | 626.9 | 3,246.7 |
| 11 | 2017 | 2,931.1 | 545.2 | 3,476.3 |
| 12 | 2017 | 2,634.7 | 501.0 | 3,137.8 |
| 1 | 2018 | 3,165.6 | 544.7 | 3,708.3 |
| 2 | 2018 | 2,723.0 | 556.2 | 3,279.2 |
| 3 | 2018 | 3,049.9 | 559.5 | 3,609.7 |
| 4 | 2018 | 2,536.5 | 439.5 | 2,976.0 |
| 5 | 2018 | 2,966.3 | 532.5 | 3,498.8 |
| 6 | 2018 | 3,240.3 | 590.5 | 3,830.8 |
| 7 | 2018 | 2,961.7 | 697.4 | 3,659.1 |
| 8 | 2018 | 2,638.3 | 726.3 | 3,363.6 |
| 9 | 2018 | 3,118.0 | 628.9 | 3,747.0 |
| 10 | 2018 | 3,427.9 | 651.4 | 4,079.3 |
| 11 | 2018 | 3,407.0 | 631.4 | 4,038.4 |
| 12 | 2018 | 3,314.4 | 674.4 | 3,988.8 |
| 1 | 2019 | 3,381.4 | 695.8 | 4,077.2 |
| 2 | 2019 | 2,462.1 | 440.8 | 2,902.9 |
| 3 | 2019 | 3,582.2 | 485.4 | 4,067.6 |
| 4 | 2019 | 2,949.0 | 574.3 | 3,423.3 |
| 5 | 2019 | 3,711.4 | 516.7 | 4,228.1 |
| 6 | 2019 | 4,122.4 | 506.7 | 4,629.1 |
| 7 | 2019 | 3,230.7 | 565.6 | 3,796.3 |
| 8 | 2019 | 3,132.0 | 512.4 | 3,644.4 |
| 9 | 2019 | 2,648.5 | 514.6 | 3,163.0 |
| 10 | 2019 | 2,570.3 | 420.5 | 2,990.8 |
| 11 | 2019 | 2,565.9 | 387.7 | 2,948.6 |
| 12 | 2019 | 2,553.4 | 396.9 | 2,950.3 |
| 1 | 2020 | 2,363.4 | 468.1 | 2,831.5 |
| 2 | 2020 | 2,265.7 | 432.5 | 2,698.2 |
| 3 | 2020 | 2,401.9 | 502.5 | 2,904.3 |
| 4 | 2020 | 2,465.4 | 462.2 | 2,932.7 |
| 5 | 2020 | 1,974.0 | 343.9 | 2,317.9 |
| 6 | 2020 | 1,974.0 | 343.9 | 2,317.9 |
| 7 | 2020 | 1,718.3 | 246.0 | 1,964.3 |
| 8 | 2020 | 1,675.9 | 284.6 | 1,960.5 |
| 9 | 2020 | 1,697.4 | 192.4 | 1,889.8 |
| 10 | 2020 | 1,647.5 | 285.4 | 1,933.0 |
| 11 | 2020 | 1,636.3 | 290.5 | 1,926.8 |
| 12 | 2020 | 1,638.9 | 261.3 | 1,900.2 |
| 1 | 2021 | 1,594.1 | 312.7 | 1,876.8 |
| 2 | 2021 | 1,539.0 | 371.2 | 1,920.2 |
| 3 | 2021 | 1,842.5 | 337.1 | 2,179.7 |
| 4 | 2021 | 1,772.6 | 379.0 | 2,150.6 |
| 5 | 2021 | 1,799.9 | 399.3 | 2,199.2 |
| 6 | 2021 | 2,127.4 | 378.0 | 2,505.4 |

*Converting monthly values into annual values*

| | Monthly, $ million | Metallurgical coal | Thermal coal |
|---|---|---|---|
| 1 | 2002 | 6470.73002 | 1980.80573 |
| 2 | 2002 | 0 | 0 |
| 3 | 2002 | 0 | 0 |
| 4 | 2002 | 0 | 0 |
| 5 | 2002 | 0 | 0 |
| 6 | 2002 | 0 | 0 |
| 7 | 2002 | 0 | 0 |
| 8 | 2002 | 0 | 0 |
| 9 | 2002 | 0 | 0 |
| 10 | 2002 | 0 | 0 |
| 11 | 2002 | 0 | 0 |
| 12 | 2002 | 0 | 0 |
| 1 | 2003 | 5764.44 | 1622.01408 |
| 2 | 2003 | 0 | 0 |
| 3 | 2003 | 0 | 0 |
| 4 | 2003 | 0 | 0 |
| 5 | 2003 | 0 | 0 |
| 6 | 2003 | 0 | 0 |
| 7 | 2003 | 0 | 0 |
| 8 | 2003 | 0 | 0 |
| 9 | 2003 | 0 | 0 |
| 10 | 2003 | 0 | 0 |
| 11 | 2003 | 0 | 0 |
| 12 | 2003 | 0 | 0 |
| 1 | 2004 | 6718.35375 | 2021.52664 |
| 2 | 2004 | 0 | 0 |
| 3 | 2004 | 0 | 0 |
| 4 | 2004 | 0 | 0 |
| 5 | 2004 | 0 | 0 |
| 6 | 2004 | 0 | 0 |
| 7 | 2004 | 0 | 0 |
| 8 | 2004 | 0 | 0 |
| 9 | 2004 | 0 | 0 |
| 10 | 2004 | 0 | 0 |
| 11 | 2004 | 0 | 0 |
| 12 | 2004 | 0 | 0 |
| 1 | 2005 | 12945.42796 | 2442.94364 |
| 2 | 2005 | 0 | 0 |
| 3 | 2005 | 0 | 0 |
| 4 | 2005 | 0 | 0 |
| 5 | 2005 | 0 | 0 |
| 6 | 2005 | 0 | 0 |
| 7 | 2005 | 0 | 0 |
| 8 | 2005 | 0 | 0 |
| 9 | 2005 | 0 | 0 |
| 10 | 2005 | 0 | 0 |
| 11 | 2005 | 0 | 0 |
| 12 | 2005 | 0 | 0 |
| 1 | 2006 | 14202.42077 | 2618.46589 |
| 2 | 2006 | 0 | 0 |
| 3 | 2006 | 0 | 0 |
| 4 | 2006 | 0 | 0 |
| 5 | 2006 | 0 | 0 |
| 6 | 2006 | 0 | 0 |
| 7 | 2006 | 0 | 0 |
| 8 | 2006 | 0 | 0 |
| 9 | 2006 | 0 | 0 |
| 10 | 2006 | 0 | 0 |
| 11 | 2006 | 0 | 0 |
| 12 | 2006 | 0 | 0 |
| 1 | 2007 | 11701.77869 | 2456.41752 |
| 2 | 2007 | 0 | 0 |
| 3 | 2007 | 0 | 0 |
| 4 | 2007 | 0 | 0 |
| 5 | 2007 | 0 | 0 |
| 6 | 2007 | 0 | 0 |
| 7 | 2007 | 0 | 0 |
| 8 | 2007 | 0 | 0 |
| 9 | 2007 | 0 | 0 |
| 10 | 2007 | 0 | 0 |
| 11 | 2007 | 0 | 0 |
| 12 | 2007 | 0 | 0 |
| 1 | 2008 | 27431.38536 | 4913.83002 |
| 2 | 2008 | 0 | 0 |
| 3 | 2008 | 0 | 0 |
| 4 | 2008 | 0 | 0 |
| 5 | 2008 | 0 | 0 |
| 6 | 2008 | 0 | 0 |
| 7 | 2008 | 0 | 0 |
| 8 | 2008 | 0 | 0 |
| 9 | 2008 | 0 | 0 |
| 10 | 2008 | 0 | 0 |
| 11 | 2008 | 0 | 0 |
| 12 | 2008 | 0 | 0 |
| 1 | 2009 | 20885.52629 | 5422.25973 |
| 2 | 2009 | 0 | 0 |
| 3 | 2009 | 0 | 0 |
| 4 | 2009 | 0 | 0 |
| 5 | 2009 | 0 | 0 |
| 6 | 2009 | 0 | 0 |
| 7 | 2009 | 0 | 0 |
| 8 | 2009 | 0 | 0 |
| 9 | 2009 | 0 | 0 |
| 10 | 2009 | 0 | 0 |
| 11 | 2009 | 0 | 0 |
| 12 | 2009 | 0 | 0 |
| 1 | 2010 | 23615.49891 | 4607.73689 |
| 2 | 2010 | 0 | 0 |
| 3 | 2010 | 0 | 0 |
| 4 | 2010 | 0 | 0 |
| 5 | 2010 | 0 | 0 |
| 6 | 2010 | 0 | 0 |
| 7 | 2010 | 0 | 0 |
| 8 | 2010 | 0 | 0 |
| 9 | 2010 | 0 | 0 |
| 10 | 2010 | 0 | 0 |
| 11 | 2010 | 0 | 0 |
| 12 | 2010 | 0 | 0 |
| 1 | 2011 | 26346.85890 | 4377.44658 |
| 2 | 2011 | 0 | 0 |
| 3 | 2011 | 0 | 0 |
| 4 | 2011 | 0 | 0 |
| 5 | 2011 | 0 | 0 |
| 6 | 2011 | 0 | 0 |
| 7 | 2011 | 0 | 0 |
| 8 | 2011 | 0 | 0 |
| 9 | 2011 | 0 | 0 |
| 10 | 2011 | 0 | 0 |
| 11 | 2011 | 0 | 0 |
| 12 | 2011 | 0 | 0 |
| 1 | 2012 | 20456.61489 | 4311.20301 |
| 2 | 2012 | 0 | 0 |
| 3 | 2012 | 0 | 0 |
| 4 | 2012 | 0 | 0 |
| 5 | 2012 | 0 | 0 |
| 6 | 2012 | 0 | 0 |
| 7 | 2012 | 0 | 0 |
| 8 | 2012 | 0 | 0 |
| 9 | 2012 | 0 | 0 |
| 10 | 2012 | 0 | 0 |
| 11 | 2012 | 0 | 0 |
| 12 | 2012 | 0 | 0 |
| 1 | 2013 | 20105.35725 | 4661.08564 |
| 2 | 2013 | 0 | 0 |
| 3 | 2013 | 0 | 0 |
| 4 | 2013 | 0 | 0 |
| 5 | 2013 | 0 | 0 |
| 6 | 2013 | 0 | 0 |
| 7 | 2013 | 0 | 0 |
| 8 | 2013 | 0 | 0 |
| 9 | 2013 | 0 | 0 |
| 10 | 2013 | 0 | 0 |
| 11 | 2013 | 0 | 0 |
| 12 | 2013 | 0 | 0 |
| 1 | 2014 | 19120.85432 | 4116.82669 |
| 2 | 2014 | 0 | 0 |
| 3 | 2014 | 0 | 0 |
| 4 | 2014 | 0 | 0 |
| 5 | 2014 | 0 | 0 |
| 6 | 2014 | 0 | 0 |
| 7 | 2014 | 0 | 0 |
| 8 | 2014 | 0 | 0 |
| 9 | 2014 | 0 | 0 |
| 10 | 2014 | 0 | 0 |
| 11 | 2014 | 0 | 0 |
| 12 | 2014 | 0 | 0 |
| 1 | 2015 | 18952.58504 | 4307.69755 |
| 2 | 2015 | 0 | 0 |
| 3 | 2015 | 0 | 0 |
| 4 | 2015 | 0 | 0 |
| 5 | 2015 | 0 | 0 |
| 6 | 2015 | 0 | 0 |
| 7 | 2015 | 0 | 0 |
| 8 | 2015 | 0 | 0 |
| 9 | 2015 | 0 | 0 |
| 10 | 2015 | 0 | 0 |
| 11 | 2015 | 0 | 0 |
| 12 | 2015 | 0 | 0 |
| 1 | 2016 | 23230.12773 | 4321.03659 |
| 2 | 2016 | 0 | 0 |
| 3 | 2016 | 0 | 0 |
| 4 | 2016 | 0 | 0 |
| 5 | 2016 | 0 | 0 |
| 6 | 2016 | 0 | 0 |
| 7 | 2016 | 0 | 0 |
| 8 | 2016 | 0 | 0 |
| 9 | 2016 | 0 | 0 |
| 10 | 2016 | 0 | 0 |
| 11 | 2016 | 0 | 0 |
| 12 | 2016 | 0 | 0 |
| 1 | 2017 | 32348.80391 | 5779.47850 |
| 2 | 2017 | 0 | 0 |
| 3 | 2017 | 0 | 0 |
| 4 | 2017 | 0 | 0 |
| 5 | 2017 | 0 | 0 |
| 6 | 2017 | 0 | 0 |
| 7 | 2017 | 0 | 0 |
| 8 | 2017 | 0 | 0 |
| 9 | 2017 | 0 | 0 |
| 10 | 2017 | 0 | 0 |
| 11 | 2017 | 0 | 0 |
| 12 | 2017 | 0 | 0 |
| 1 | 2018 | 37001.25926 | 7286.55457 |
| 2 | 2018 | 0 | 0 |
| 3 | 2018 | 0 | 0 |
| 4 | 2018 | 0 | 0 |
| 5 | 2018 | 0 | 0 |
| 6 | 2018 | 0 | 0 |
| 7 | 2018 | 0 | 0 |
| 8 | 2018 | 0 | 0 |
| 9 | 2018 | 0 | 0 |
| 10 | 2018 | 0 | 0 |
| 11 | 2018 | 0 | 0 |
| 12 | 2018 | 0 | 0 |
| 1 | 2019 | 36692.82273 | 6195.44240 |
| 2 | 2019 | 0 | 0 |
| 3 | 2019 | 0 | 0 |
| 4 | 2019 | 0 | 0 |
| 5 | 2019 | 0 | 0 |
| 6 | 2019 | 0 | 0 |
| 7 | 2019 | 0 | 0 |
| 8 | 2019 | 0 | 0 |
| 9 | 2019 | 0 | 0 |
| 10 | 2019 | 0 | 0 |
| 11 | 2019 | 0 | 0 |
| 12 | 2019 | 0 | 0 |
| 1 | 2020 | 23424.03066 | 4194.33224 |
| 2 | 2020 | 0 | 0 |
| 3 | 2020 | 0 | 0 |
| 4 | 2020 | 0 | 0 |
| 5 | 2020 | 0 | 0 |
| 6 | 2020 | 0 | 0 |
| 7 | 2020 | 0 | 0 |
| 8 | 2020 | 0 | 0 |
| 9 | 2020 | 0 | 0 |
| 10 | 2020 | 0 | 0 |
| 11 | 2020 | 0 | 0 |
| 12 | 2020 | 0 | 0 |
| 1 | 2021 | 19664.09008 | 2314.44984 |
| 2 | 2021 | 0 | 0 |
| 3 | 2021 | 0 | 0 |
| 4 | 2021 | 0 | 0 |
| 5 | 2021 | 0 | 0 |
| 6 | 2021 | 0 | 0 |

| | Monthly, $ mil Metallurgical | Thermal coal |
|---|---|---|
| 2002 | 6470.7360 | 1980.80573 |
| 2003 | 5764.44107 | 1622.01408 |
| 2004 | 6718.35238 | 2021.52664 |
| 2005 | 12945.428 | 2442.94364 |
| 2006 | 14202.4208 | 2618.46589 |
| 2007 | 11701.7787 | 2456.41752 |
| 2008 | 27431.2854 | 4913.83002 |
| 2009 | 20885.5263 | 5422.25973 |
| 2010 | 23615.4989 | 4607.73689 |
| 2011 | 26346.859 | 4377.44658 |
| 2012 | 20456.6149 | 4311.20301 |
| 2013 | 20105.3573 | 4661.08564 |
| 2014 | 19120.8543 | 4116.82669 |
| 2015 | 18952.5850 | 4307.69755 |
| 2016 | 23230.1277 | 4321.03659 |
| 2017 | 32348.8039 | 5779.47850 |
| 2018 | 37001.2593 | 7284.89437 |
| 2019 | 36692.8227 | 6195.44240 |
| 2020 | 23424.0307 | 4194.33224 |
| 2021 | 19664.0901 | 2314.44984 |

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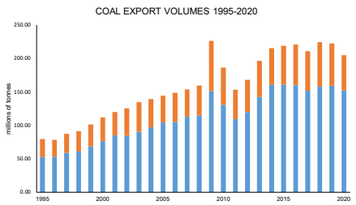
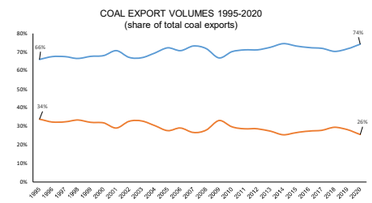
RTI Act 2009

**Annual volume of production**
(Millions of tonnes)

| YEAR | Metallurgical Coal No. | Metallurgical Coal % share | Thermal Coal No. | Thermal Coal % share | TOTAL |
|---|---|---|---|---|---|
| 1995 | 52.43 | 66% | 26.944703 | 34% | 79.37 |
| 1996 | 52.71 | 68% | 25.258463 | 32% | 78.01 |
| 1997 | 58.79 | 68% | 28.223266 | 32% | 87.01 |
| 1998 | 60.50 | 67% | 30.387588 | 33% | 90.88 |
| 1999 | 68.52 | 68% | 32.576704 | 32% | 101.10 |
| 2000 | 76.10 | 68% | 35.609969 | 32% | 111.71 |
| 2001 | 84.69 | 71% | 34.846645 | 29% | 119.54 |
| 2002 | 84.15 | 67% | 41.118037 | 33% | 125.27 |
| 2003 | 90.32 | 67% | 44.296233 | 33% | 134.62 |
| 2004 | 96.76 | 70% | 42.230764 | 30% | 138.99 |
| 2005 | 104.29 | 72% | 39.930809 | 28% | 144.22 |
| 2006 | 104.97 | 71% | 43.29832 | 29% | 148.26 |
| 2007 | 112.55 | 73% | 41.053641 | 27% | 153.60 |
| 2008 | 114.58 | 72% | 44.66708 | 28% | 159.24 |
| 2009 | 151.28 | 67% | 74.995889 | 33% | 226.28 |
| 2010 | 130.57 | 70% | 56.40408 | 30% | 185.97 |
| 2011 | 109.15 | 71% | 44.015852 | 29% | 153.16 |
| 2012 | 119.62 | 71% | 48.200092 | 29% | 167.82 |
| 2013 | 142.34 | 73% | 53.729319 | 27% | 196.07 |
| 2014 | 160.38 | 75% | 54.787755 | 25% | 215.17 |
| 2015 | 160.50 | 73% | 58.307945 | 27% | 218.81 |
| 2016 | 159.87 | 72% | 60.735566 | 28% | 220.61 |
| 2017 | 151.66 | 72% | 58.784392 | 28% | 210.45 |
| 2018 | 157.93 | 70% | 66.202895 | 30% | 224.13 |
| 2019 | 159.36 | 72% | 62.810638 | 28% | 222.17 |
| 2020 | 152.16 | 74% | 52.599724 | 26% | 204.76 |




**Original Data (from Department of Resources Intranet PowerBI tool)**

| Date - Year | Date - Quarter | ProdType | Sum of Volume |
|---|---|---|---|
| | 2020 Qtr 1 | Metallurgical Coal | 36964087 |
| | 2020 Qtr 1 | Thermal Coal | 15315375 |
| | 2020 Qtr 2 | Metallurgical Coal | 38710282 |
| | 2020 Qtr 2 | Thermal Coal | 14722806 |
| | 2020 Qtr 3 | Metallurgical Coal | 38064543 |
| | 2020 Qtr 3 | Thermal Coal | 10477457 |
| | 2020 Qtr 4 | Metallurgical Coal | 38417586 |
| | 2020 Qtr 4 | Thermal Coal | 12084088 |
| | 2019 Qtr 1 | Metallurgical Coal | 37687282 |
| | 2019 Qtr 1 | Thermal Coal | 15377306 |
| | 2019 Qtr 2 | Metallurgical Coal | 42132357 |
| | 2019 Qtr 2 | Thermal Coal | 16219027 |
| | 2019 Qtr 3 | Metallurgical Coal | 38997683 |
| | 2019 Qtr 3 | Thermal Coal | 15991763 |
| | 2019 Qtr 4 | Metallurgical Coal | 40637623 |
| | 2019 Qtr 4 | Thermal Coal | 15222542 |
| | 2018 Qtr 1 | Metallurgical Coal | 37885393 |
| | 2018 Qtr 1 | Thermal Coal | 15508584 |
| | 2018 Qtr 2 | Metallurgical Coal | 40509021 |
| | 2018 Qtr 2 | Thermal Coal | 14299837 |
| | 2018 Qtr 3 | Metallurgical Coal | 38908372 |
| | 2018 Qtr 3 | Thermal Coal | 18601517 |
| | 2018 Qtr 4 | Metallurgical Coal | 40624967 |
| | 2018 Qtr 4 | Thermal Coal | 17792957 |
| | 2017 Qtr 1 | Metallurgical Coal | 38044783 |
| | 2017 Qtr 1 | Thermal Coal | 13733751 |
| | 2017 Qtr 2 | Metallurgical Coal | 31837813 |
| | 2017 Qtr 2 | Thermal Coal | 12850083 |
| | 2017 Qtr 3 | Metallurgical Coal | 42110385 |
| | 2017 Qtr 3 | Thermal Coal | 15871561 |
| | 2017 Qtr 4 | Metallurgical Coal | 39671363 |
| | 2017 Qtr 4 | Thermal Coal | 16328997 |
| | 2016 Qtr 1 | Metallurgical Coal | 37628137 |
| | 2016 Qtr 1 | Thermal Coal | 15228728 |
| | 2016 Qtr 2 | Metallurgical Coal | 41645232 |
| | 2016 Qtr 2 | Thermal Coal | 14664958 |
| | 2016 Qtr 3 | Metallurgical Coal | 39418604 |
| | 2016 Qtr 3 | Thermal Coal | 16057878 |
| | 2016 Qtr 4 | Metallurgical Coal | 41182097 |
| | 2016 Qtr 4 | Thermal Coal | 14783992 |
| | 2015 Qtr 1 | Metallurgical Coal | 37617231 |
| | 2015 Qtr 1 | Thermal Coal | 12838651 |
| | 2015 Qtr 2 | Metallurgical Coal | 40243912 |
| | 2015 Qtr 2 | Thermal Coal | 15576625 |
| | 2015 Qtr 3 | Metallurgical Coal | 41094871 |
| | 2015 Qtr 3 | Thermal Coal | 15253724 |
| | 2015 Qtr 4 | Metallurgical Coal | 41542089 |
| | 2015 Qtr 4 | Thermal Coal | 14638645 |
| | 2014 Qtr 1 | Metallurgical Coal | 36998904 |
| | 2014 Qtr 1 | Thermal Coal | 11446098 |
| | 2014 Qtr 2 | Metallurgical Coal | 41027078 |
| | 2014 Qtr 2 | Thermal Coal | 14127733 |
| | 2014 Qtr 3 | Metallurgical Coal | 39313377 |
| | 2014 Qtr 3 | Thermal Coal | 14679325 |
| | 2014 Qtr 4 | Metallurgical Coal | 43045169 |
| | 2014 Qtr 4 | Thermal Coal | 14534599 |
| | 2013 Qtr 1 | Metallurgical Coal | 30583350 |
| | 2013 Qtr 1 | Thermal Coal | 11235844 |
| | 2013 Qtr 2 | Metallurgical Coal | 35861295 |
| | 2013 Qtr 2 | Thermal Coal | 13398138 |
| | 2013 Qtr 3 | Metallurgical Coal | 36301222 |
| | 2013 Qtr 3 | Thermal Coal | 14415583 |
| | 2013 Qtr 4 | Metallurgical Coal | 39593032 |
| | 2013 Qtr 4 | Thermal Coal | 14709757 |
| | 2012 Qtr 1 | Metallurgical Coal | 28763888 |
| | 2012 Qtr 1 | Thermal Coal | 10265225 |
| | 2012 Qtr 2 | Metallurgical Coal | 28659679 |
| | 2012 Qtr 2 | Thermal Coal | 11391571 |
| | 2012 Qtr 3 | Metallurgical Coal | 28348031 |
| | 2012 Qtr 3 | Thermal Coal | 11784176 |
| | 2012 Qtr 4 | Metallurgical Coal | 33847827 |
| | 2012 Qtr 4 | Thermal Coal | 14759120 |
| | 2011 Qtr 1 | Metallurgical Coal | 21125080 |
| | 2011 Qtr 1 | Thermal Coal | 7428244 |
| | 2011 Qtr 2 | Metallurgical Coal | 27390781 |
| | 2011 Qtr 2 | Thermal Coal | 11363346 |
| | 2011 Qtr 3 | Metallurgical Coal | 29353236 |
| | 2011 Qtr 3 | Thermal Coal | 12140667 |
| | 2011 Qtr 4 | Metallurgical Coal | 31273114 |
| | 2011 Qtr 4 | Thermal Coal | 13085356 |
| | 2010 Qtr 1 | Metallurgical Coal | 27740950 |
| | 2010 Qtr 1 | Thermal Coal | 13283537 |
| | 2010 Qtr 2 | Metallurgical Coal | 34988577 |
| | 2010 Qtr 2 | Thermal Coal | 14576790 |
| | 2010 Qtr 3 | Metallurgical Coal | 34374638 |
| | 2010 Qtr 3 | Thermal Coal | 14803267 |
| | 2010 Qtr 4 | Metallurgical Coal | 33463254 |
| | 2010 Qtr 4 | Thermal Coal | 12740481 |
| | 2009 Qtr 1 | Metallurgical Coal | 40258191 |
| | 2009 Qtr 1 | Thermal Coal | 19195645 |
| | 2009 Qtr 2 | Metallurgical Coal | 49242362 |
| | 2009 Qtr 2 | Thermal Coal | 25029537 |
| | 2009 Qtr 3 | Metallurgical Coal | 31122814 |
| | 2009 Qtr 3 | Thermal Coal | 14627824 |
| | 2009 Qtr 4 | Metallurgical Coal | 30657152 |
| | 2009 Qtr 4 | Thermal Coal | 16138981 |
| | 2008 Qtr 1 | Metallurgical Coal | 24600290 |
| | 2008 Qtr 1 | Thermal Coal | 10115793 |
| | 2008 Qtr 2 | Metallurgical Coal | 30628092 |
| | 2008 Qtr 2 | Thermal Coal | 10520568 |
| | 2008 Qtr 3 | Metallurgical Coal | 32051850 |
| | 2008 Qtr 3 | Thermal Coal | 11661009 |
| | 2008 Qtr 4 | Metallurgical Coal | 27296255 |
| | 2008 Qtr 4 | Thermal Coal | 12369320 |
| | 2007 Qtr 1 | Metallurgical Coal | 26701065 |
| | 2007 Qtr 1 | Thermal Coal | 10321251 |
| | 2007 Qtr 2 | Metallurgical Coal | 28661951 |
| | 2007 Qtr 2 | Thermal Coal | 11700170 |
| | 2007 Qtr 3 | Metallurgical Coal | 28005857 |
| | 2007 Qtr 3 | Thermal Coal | 9944949 |
| | 2007 Qtr 4 | Metallurgical Coal | 29179930 |
| | 2007 Qtr 4 | Thermal Coal | 9087271 |
| | 2006 Qtr 1 | Metallurgical Coal | 23890311 |
| | 2006 Qtr 1 | Thermal Coal | 10250511 |
| | 2006 Qtr 2 | Metallurgical Coal | 26176449 |
| | 2006 Qtr 2 | Thermal Coal | 11965068 |
| | 2006 Qtr 3 | Metallurgical Coal | 28382282 |
| | 2006 Qtr 3 | Thermal Coal | 9933845 |
| | 2006 Qtr 4 | Metallurgical Coal | 26518532 |
| | 2006 Qtr 4 | Thermal Coal | 11148896 |
| | 2005 Qtr 1 | Metallurgical Coal | 26689798 |
| | 2005 Qtr 1 | Thermal Coal | 9075018 |
| | 2005 Qtr 2 | Metallurgical Coal | 27579706 |
| | 2005 Qtr 2 | Thermal Coal | 10322572 |
| | 2005 Qtr 3 | Metallurgical Coal | 25343383 |
| | 2005 Qtr 3 | Thermal Coal | 10634436 |
| | 2005 Qtr 4 | Metallurgical Coal | 24676760 |
| | 2005 Qtr 4 | Thermal Coal | 9898783 |
| | 2004 Qtr 1 | Metallurgical Coal | 21315367 |
| | 2004 Qtr 1 | Thermal Coal | 10346878 |
| | 2004 Qtr 2 | Metallurgical Coal | 24222277 |
| | 2004 Qtr 2 | Thermal Coal | 11296942 |
| | 2004 Qtr 3 | Metallurgical Coal | 24929221 |
| | 2004 Qtr 3 | Thermal Coal | 10889157 |
| | 2004 Qtr 4 | Metallurgical Coal | 26292111 |
| | 2004 Qtr 4 | Thermal Coal | 9697787 |
| | 2003 Qtr 1 | Metallurgical Coal | 21752218 |
| | 2003 Qtr 1 | Thermal Coal | 11508830 |
| | 2003 Qtr 2 | Metallurgical Coal | 23930067 |
| | 2003 Qtr 2 | Thermal Coal | 9763321 |
| | 2003 Qtr 3 | Metallurgical Coal | 21740151 |
| | 2003 Qtr 3 | Thermal Coal | 11148390 |
| | 2003 Qtr 4 | Metallurgical Coal | 22894370 |
| | 2003 Qtr 4 | Thermal Coal | 11875722 |
| | 2002 Qtr 1 | Metallurgical Coal | 21241986 |
| | 2002 Qtr 1 | Thermal Coal | 10331533 |
| | 2002 Qtr 2 | Metallurgical Coal | 21741517 |
| | 2002 Qtr 2 | Thermal Coal | 9633961 |
| | 2002 Qtr 3 | Metallurgical Coal | 20510552 |
| | 2002 Qtr 3 | Thermal Coal | 10808026 |
| | 2002 Qtr 4 | Metallurgical Coal | 20657450 |
| | 2002 Qtr 4 | Thermal Coal | 10344517 |
| | 2001 Qtr 1 | Metallurgical Coal | 20191505 |
| | 2001 Qtr 1 | Thermal Coal | 7871586 |
| | 2001 Qtr 2 | Metallurgical Coal | 21275572 |
| | 2001 Qtr 2 | Thermal Coal | 9928647 |
| | 2001 Qtr 3 | Metallurgical Coal | 22302087 |
| | 2001 Qtr 3 | Thermal Coal | 8686226 |
| | 2001 Qtr 4 | Metallurgical Coal | 20920108 |
| | 2001 Qtr 4 | Thermal Coal | 8360186 |
| | 2000 Qtr 1 | Metallurgical Coal | 17742443 |
| | 2000 Qtr 1 | Thermal Coal | 7756982 |
| | 2000 Qtr 2 | Metallurgical Coal | 18680195 |
| | 2000 Qtr 2 | Thermal Coal | 8933965 |
| | 2000 Qtr 3 | Metallurgical Coal | 19781610 |
| | 2000 Qtr 3 | Thermal Coal | 9848905 |
| | 2000 Qtr 4 | Metallurgical Coal | 19894580 |
| | 2000 Qtr 4 | Thermal Coal | 9070117 |
| | 1999 Qtr 1 | Metallurgical Coal | 14781427 |
| | 1999 Qtr 1 | Thermal Coal | 7887092 |
| | 1999 Qtr 2 | Metallurgical Coal | 16289170 |
| | 1999 Qtr 2 | Thermal Coal | 9168730 |
| | 1999 Qtr 3 | Metallurgical Coal | 18278769 |
| | 1999 Qtr 3 | Thermal Coal | 8100723 |
| | 1999 Qtr 4 | Metallurgical Coal | 19172848 |
| | 1999 Qtr 4 | Thermal Coal | 7420159 |
| | 1998 Qtr 1 | Metallurgical Coal | 14602417 |
| | 1998 Qtr 1 | Thermal Coal | 7307825 |
| | 1998 Qtr 2 | Metallurgical Coal | 15707371 |
| | 1998 Qtr 2 | Thermal Coal | 6761836 |
| | 1998 Qtr 3 | Metallurgical Coal | 15058422 |
| | 1998 Qtr 3 | Thermal Coal | 8771028 |
| | 1998 Qtr 4 | Metallurgical Coal | 15135516 |
| | 1998 Qtr 4 | Thermal Coal | 7546899 |
| | 1997 Qtr 1 | Metallurgical Coal | 13763385 |
| | 1997 Qtr 1 | Thermal Coal | 6137188 |
| | 1997 Qtr 2 | Metallurgical Coal | 14550696 |
| | 1997 Qtr 2 | Thermal Coal | 7878835 |
| | 1997 Qtr 3 | Metallurgical Coal | 14978167 |
| | 1997 Qtr 3 | Thermal Coal | 6607873 |
| | 1997 Qtr 4 | Metallurgical Coal | 15494996 |
| | 1997 Qtr 4 | Thermal Coal | 7599370 |
| | 1996 Qtr 1 | Metallurgical Coal | 11897087 |
| | 1996 Qtr 1 | Thermal Coal | 7113017 |
| | 1996 Qtr 2 | Metallurgical Coal | 14326943 |
| | 1996 Qtr 2 | Thermal Coal | 5788458 |
| | 1996 Qtr 3 | Metallurgical Coal | 13102302 |
| | 1996 Qtr 3 | Thermal Coal | 5220943 |
| | 1996 Qtr 4 | Metallurgical Coal | 13385704 |
| | 1996 Qtr 4 | Thermal Coal | 7176045 |
| | 1995 Qtr 1 | Metallurgical Coal | 12829158 |
| | 1995 Qtr 1 | Thermal Coal | 7188541 |
| | 1995 Qtr 2 | Metallurgical Coal | 13760249 |
| | 1995 Qtr 2 | Thermal Coal | 6501918 |
| | 1995 Qtr 3 | Metallurgical Coal | 13046733 |
| | 1995 Qtr 3 | Thermal Coal | 5967320 |
| | 1995 Qtr 4 | Metallurgical Coal | 12783344 |
| | 1995 Qtr 4 | Thermal Coal | 7286924 |

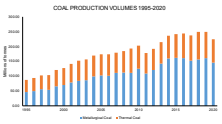
**SORT FOR METALLURGICAL VALUES**

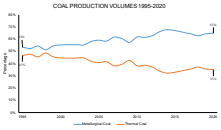
| Date - Year | Date - Quarte | Sum of Volume | Date - Year | Date - Quarter | Sum of Volume |
|---|---|---|---|---|---|
| 2020 Qtr 1 | 36964087 | | 1995 Qtr | 1 | 12829158 |
| 2020 Qtr 1 | 0 | | 1995 Qtr | 2 | 13760249 |
| 2020 Qtr 2 | 38710282 | | 1995 Qtr | 3 | 13046733 |
| 2020 Qtr 2 | 0 | | 1995 Qtr | 4 | 12783344 |
| 2020 Qtr 3 | 38064543 | | 1996 Qtr | 1 | 11897087 |
| 2020 Qtr 3 | 0 | | 1996 Qtr | 2 | 14326943 |
| 2020 Qtr 4 | 38417586 | | 1996 Qtr | 3 | 13102302 |
| 2020 Qtr 4 | 0 | | 1996 Qtr | 4 | 13385705 |
| 2019 Qtr 1 | 37687282 | | 1997 Qtr | 1 | 13763385 |
| 2019 Qtr 1 | 0 | | 1997 Qtr | 2 | 14550696 |
| 2019 Qtr 2 | 42132357 | | 1997 Qtr | 3 | 14978167 |
| 2019 Qtr 2 | 0 | | 1997 Qtr | 4 | 15494996 |
| 2019 Qtr 3 | 38997683 | | 1998 Qtr | 1 | 14602417 |
| 2019 Qtr 3 | 0 | | 1998 Qtr | 2 | 15707371 |
| 2019 Qtr 4 | 40637623 | | 1998 Qtr | 3 | 15058422 |
| 2019 Qtr 4 | 0 | | 1998 Qtr | 4 | 15135516 |
| 2018 Qtr 1 | 37885393 | | 1999 Qtr | 1 | 14781427 |
| 2018 Qtr 1 | 0 | | 1999 Qtr | 2 | 16289170 |
| 2018 Qtr 2 | 40509021 | | 1999 Qtr | 3 | 18278769 |
| 2018 Qtr 2 | 0 | | 1999 Qtr | 4 | 19172848 |
| 2018 Qtr 3 | 38908372 | | 2000 Qtr | 1 | 17742443 |
| 2018 Qtr 3 | 0 | | 2000 Qtr | 2 | 18680195 |
| 2018 Qtr 4 | 40624967 | | 2000 Qtr | 3 | 19781610 |
| 2018 Qtr 4 | 0 | | 2000 Qtr | 4 | 19894580 |
| 2017 Qtr 1 | 38044783 | | 2001 Qtr | 1 | 20191505 |
| 2017 Qtr 1 | 0 | | 2001 Qtr | 2 | 21275572 |
| 2017 Qtr 2 | 31837813 | | 2001 Qtr | 3 | 22302087 |
| 2017 Qtr 2 | 0 | | 2001 Qtr | 4 | 20920108 |
| 2017 Qtr 3 | 42110385 | | 2002 Qtr | 1 | 21241986 |
| 2017 Qtr 3 | 0 | | 2002 Qtr | 2 | 21741517 |
| 2017 Qtr 4 | 39671363 | | 2002 Qtr | 3 | 20510552 |
| 2017 Qtr 4 | 0 | | 2002 Qtr | 4 | 20657450 |
| 2016 Qtr 1 | 37628137 | | 2003 Qtr | 1 | 21752218 |
| 2016 Qtr 1 | 0 | | 2003 Qtr | 2 | 23930067 |
| 2016 Qtr 2 | 41645232 | | 2003 Qtr | 3 | 21740151 |
| 2016 Qtr 2 | 0 | | 2003 Qtr | 4 | 22894370 |
| 2016 Qtr 3 | 39418604 | | 2004 Qtr | 1 | 21315367 |
| 2016 Qtr 3 | 0 | | 2004 Qtr | 2 | 24222277 |
| 2016 Qtr 4 | 41182097 | | 2004 Qtr | 3 | 24929221 |
| 2016 Qtr 4 | 0 | | 2004 Qtr | 4 | 26292111 |
| 2015 Qtr 1 | 37617231 | | 2005 Qtr | 1 | 26689798 |
| 2015 Qtr 1 | 0 | | 2005 Qtr | 2 | 27579706 |
| 2015 Qtr 2 | 40243912 | | 2005 Qtr | 3 | 25343383 |
| 2015 Qtr 2 | 0 | | 2005 Qtr | 4 | 24676760 |
| 2015 Qtr 3 | 41094871 | | 2006 Qtr | 1 | 23890311 |
| 2015 Qtr 3 | 0 | | 2006 Qtr | 2 | 26176449 |
| 2015 Qtr 4 | 41542089 | | 2006 Qtr | 3 | 28382282 |
| 2015 Qtr 4 | 0 | | 2006 Qtr | 4 | 26518532 |
| 2014 Qtr 1 | 36998904 | | 2007 Qtr | 1 | 26701065 |
| 2014 Qtr 1 | 0 | | 2007 Qtr | 2 | 28661951 |
| 2014 Qtr 2 | 41027078 | | 2007 Qtr | 3 | 28005857 |
| 2014 Qtr 2 | 0 | | 2007 Qtr | 4 | 29179930 |
| 2014 Qtr 3 | 39313377 | | 2008 Qtr | 1 | 24600290 |
| 2014 Qtr 3 | 0 | | 2008 Qtr | 2 | 30628092 |
| 2014 Qtr 4 | 43045169 | | 2008 Qtr | 3 | 32051850 |
| 2014 Qtr 4 | 0 | | 2008 Qtr | 4 | 27296255 |
| 2013 Qtr 1 | 30583350 | | 2009 Qtr | 1 | 40258191 |
| 2013 Qtr 1 | 0 | | 2009 Qtr | 2 | 49242362 |
| 2013 Qtr 2 | 35861295 | | 2009 Qtr | 3 | 31122814 |
| 2013 Qtr 2 | 0 | | 2009 Qtr | 4 | 30657152 |
| 2013 Qtr 3 | 36301222 | | 2010 Qtr | 1 | 27740950 |
| 2013 Qtr 3 | 0 | | 2010 Qtr | 2 | 34988577 |
| 2013 Qtr 4 | 39593032 | | 2010 Qtr | 3 | 34374638 |
| 2013 Qtr 4 | 0 | | 2010 Qtr | 4 | 33463254 |
| 2012 Qtr 1 | 28763888 | | 2011 Qtr | 1 | 21125080 |
| 2012 Qtr 1 | 0 | | 2011 Qtr | 2 | 27390781 |
| 2012 Qtr 2 | 28659679 | | 2011 Qtr | 3 | 29353236 |
| 2012 Qtr 2 | 0 | | 2011 Qtr | 4 | 31273114 |
| 2012 Qtr 3 | 28348031 | | 2012 Qtr | 1 | 28763888 |
| 2012 Qtr 3 | 0 | | 2012 Qtr | 2 | 28659679 |
| 2012 Qtr 4 | 33847827 | | 2012 Qtr | 3 | 28348031 |
| 2012 Qtr 4 | 0 | | 2012 Qtr | 4 | 33847827 |
| 2011 Qtr 1 | 21125080 | | 2013 Qtr | 1 | 30583350 |
| 2011 Qtr 1 | 0 | | 2013 Qtr | 2 | 35861295 |
| 2011 Qtr 2 | 27390781 | | 2013 Qtr | 3 | 36301222 |
| 2011 Qtr 2 | 0 | | 2013 Qtr | 4 | 39593032 |
| 2011 Qtr 3 | 29353236 | | 2014 Qtr | 1 | 36998904 |
| 2011 Qtr 3 | 0 | | 2014 Qtr | 2 | 41027078 |
| 2011 Qtr 4 | 31273114 | | 2014 Qtr | 3 | 39313377 |
| 2011 Qtr 4 | 0 | | 2014 Qtr | 4 | 43045169 |
| 2010 Qtr 1 | 27740950 | | 2015 Qtr | 1 | 37617231 |
| 2010 Qtr 1 | 0 | | 2015 Qtr | 2 | 40243912 |
| 2010 Qtr 2 | 34988577 | | 2015 Qtr | 3 | 41094871 |
| 2010 Qtr 2 | 0 | | 2015 Qtr | 4 | 41542089 |
| 2010 Qtr 3 | 34374638 | | 2016 Qtr | 1 | 37628137 |
| 2010 Qtr 3 | 0 | | 2016 Qtr | 2 | 41645232 |
| 2010 Qtr 4 | 33463254 | | 2016 Qtr | 3 | 39418604 |
| 2010 Qtr 4 | 0 | | 2016 Qtr | 4 | 41182097 |
| 2009 Qtr 1 | 40258191 | | 2017 Qtr | 1 | 38044783 |
| 2009 Qtr 1 | 0 | | 2017 Qtr | 2 | 31837813 |
| 2009 Qtr 2 | 49242362 | | 2017 Qtr | 3 | 42110385 |
| 2009 Qtr 2 | 0 | | 2017 Qtr | 4 | 39671363 |
| 2009 Qtr 3 | 31122814 | | 2018 Qtr | 1 | 37885393 |
| 2009 Qtr 3 | 0 | | 2018 Qtr | 2 | 40509021 |
| 2009 Qtr 4 | 30657152 | | 2018 Qtr | 3 | 38908372 |
| 2009 Qtr 4 | 0 | | 2018 Qtr | 4 | 40624967 |
| 2008 Qtr 1 | 24600290 | | 2019 Qtr | 1 | 37687282 |
| 2008 Qtr 1 | 0 | | 2019 Qtr | 2 | 42132357 |
| 2008 Qtr 2 | 30628092 | | 2019 Qtr | 3 | 38997683 |
| 2008 Qtr 2 | 0 | | 2019 Qtr | 4 | 40637623 |
| 2008 Qtr 3 | 32051850 | | 2020 Qtr | 1 | 36964087 |
| 2008 Qtr 3 | 0 | | 2020 Qtr | 2 | 38710282 |
| 2008 Qtr 4 | 27296255 | | 2020 Qtr | 3 | 38064543 |
| 2008 Qtr 4 | 0 | | 2020 Qtr | 4 | 38417586 |
| 2007 Qtr 1 | 26701065 | | | | |
| 2007 Qtr 1 | 0 | | | | |
| 2007 Qtr 2 | 28661951 | | | | |
| 2007 Qtr 2 | 0 | | | | |
| 2007 Qtr 3 | 28005857 | | | | |
| 2007 Qtr 3 | 0 | | | | |
| 2007 Qtr 4 | 29179930 | | | | |
| 2007 Qtr 4 | 0 | | | | |
| 2006 Qtr 1 | 23890311 | | | | |
| 2006 Qtr 1 | 0 | | | | |
| 2006 Qtr 2 | 26176449 | | | | |
| 2006 Qtr 2 | 0 | | | | |
| 2006 Qtr 3 | 28382282 | | | | |
| 2006 Qtr 3 | 0 | | | | |
| 2006 Qtr 4 | 26518532 | | | | |
| 2006 Qtr 4 | 0 | | | | |
| 2005 Qtr 1 | 26689798 | | | | |
| 2005 Qtr 1 | 0 | | | | |
| 2005 Qtr 2 | 27579706 | | | | |
| 2005 Qtr 2 | 0 | | | | |
| 2005 Qtr 3 | 25343383 | | | | |
| 2005 Qtr 3 | 0 | | | | |
| 2005 Qtr 4 | 24676760 | | | | |
| 2005 Qtr 4 | 0 | | | | |
| 2004 Qtr 1 | 21315367 | | | | |
| 2004 Qtr 1 | 0 | | | | |
| 2004 Qtr 2 | 24222277 | | | | |
| 2004 Qtr 2 | 0 | | | | |
| 2004 Qtr 3 | 24929221 | | | | |
| 2004 Qtr 3 | 0 | | | | |
| 2004 Qtr 4 | 26292111 | | | | |
| 2004 Qtr 4 | 0 | | | | |
| 2003 Qtr 1 | 21752218 | | | | |
| 2003 Qtr 1 | 0 | | | | |
| 2003 Qtr 2 | 23930067 | | | | |
| 2003 Qtr 2 | 0 | | | | |
| 2003 Qtr 3 | 21740151 | | | | |
| 2003 Qtr 3 | 0 | | | | |
| 2003 Qtr 4 | 22894370 | | | | |
| 2003 Qtr 4 | 0 | | | | |
| 2002 Qtr 1 | 21241986 | | | | |
| 2002 Qtr 1 | 0 | | | | |
| 2002 Qtr 2 | 21741517 | | | | |
| 2002 Qtr 2 | 0 | | | | |
| 2002 Qtr 3 | 20510552 | | | | |
| 2002 Qtr 3 | 0 | | | | |
| 2002 Qtr 4 | 20657450 | | | | |
| 2002 Qtr 4 | 0 | | | | |
| 2001 Qtr 1 | 20191505 | | | | |
| 2001 Qtr 1 | 0 | | | | |
| 2001 Qtr 2 | 21275572 | | | | |
| 2001 Qtr 2 | 0 | | | | |
| 2001 Qtr 3 | 22302087 | | | | |
| 2001 Qtr 3 | 0 | | | | |
| 2001 Qtr 4 | 20920108 | | | | |
| 2001 Qtr 4 | 0 | | | | |
| 2000 Qtr 1 | 17742443 | | | | |
| 2000 Qtr 1 | 0 | | | | |
| 2000 Qtr 2 | 18680195 | | | | |
| 2000 Qtr 2 | 0 | | | | |
| 2000 Qtr 3 | 19781610 | | | | |
| 2000 Qtr 3 | 0 | | | | |
| 2000 Qtr 4 | 19894580 | | | | |
| 2000 Qtr 4 | 0 | | | | |
| 1999 Qtr 1 | 14781427 | | | | |
| 1999 Qtr 1 | 0 | | | | |
| 1999 Qtr 2 | 16289170 | | | | |
| 1999 Qtr 2 | 0 | | | | |
| 1999 Qtr 3 | 18278769 | | | | |
| 1999 Qtr 3 | 0 | | | | |
| 1999 Qtr 4 | 19172848 | | | | |
| 1999 Qtr 4 | 0 | | | | |
| 1998 Qtr 1 | 14602417 | | | | |
| 1998 Qtr 1 | 0 | | | | |
| 1998 Qtr 2 | 15707371 | | | | |
| 1998 Qtr 2 | 0 | | | | |
| 1998 Qtr 3 | 15058422 | | | | |
| 1998 Qtr 3 | 0 | | | | |
| 1998 Qtr 4 | 15135516 | | | | |
| 1998 Qtr 4 | 0 | | | | |
| 1997 Qtr 1 | 13763385 | | | | |
| 1997 Qtr 1 | 0 | | | | |
| 1997 Qtr 2 | 14550696 | | | | |
| 1997 Qtr 2 | 0 | | | | |
| 1997 Qtr 3 | 14978167 | | | | |
| 1997 Qtr 3 | 0 | | | | |
| 1997 Qtr 4 | 15494996 | | | | |
| 1997 Qtr 4 | 0 | | | | |
| 1996 Qtr 1 | 11897087 | | | | |
| 1996 Qtr 1 | 0 | | | | |
| 1996 Qtr 2 | 14326943 | | | | |
| 1996 Qtr 2 | 0 | | | | |
| 1996 Qtr 3 | 13102302 | | | | |
| 1996 Qtr 3 | 0 | | | | |
| 1996 Qtr 4 | 13385705 | | | | |
| 1996 Qtr 4 | 0 | | | | |
| 1995 Qtr 1 | 12829158 | | | | |
| 1995 Qtr 1 | 0 | | | | |
| 1995 Qtr 2 | 13760249 | | | | |
| 1995 Qtr 2 | 0 | | | | |
| 1995 Qtr 3 | 13046733 | | | | |
| 1995 Qtr 3 | 0 | | | | |
| 1995 Qtr 4 | 12783344 | | | | |
| 1995 Qtr 4 | 0 | | | | |

**CONVERT METALLURGICAL VALUES FROM QUARTES TO YEARS**

| Date - Year | Date - Quarter | Sum of Volume | Date - Year | Date - Year | Sum of Volume |
|---|---|---|---|---|---|
| 1995 Qtr | 1 | 52425484 | 1995 | 1995 | 52,425,484 |
| 1995 Qtr | 2 | 0 | 1996 | 1996 | 52,712,037 |
| 1995 Qtr | 3 | 0 | 1997 | 1997 | 58,787,244 |
| 1995 Qtr | 4 | 0 | 1998 | 1998 | 60,503,726 |
| 1996 Qtr | 1 | 52712037 | 1999 | 1999 | 68,522,214 |
| 1996 Qtr | 2 | 0 | 2000 | 2000 | 76,098,828 |
| 1996 Qtr | 3 | 0 | 2001 | 2001 | 84,689,272 |
| 1996 Qtr | 4 | 0 | 2002 | 2002 | 84,151,505 |
| 1997 Qtr | 1 | 58787244 | 2003 | 2003 | 90,324,806 |
| 1997 Qtr | 2 | 0 | 2004 | 2004 | 96,758,976 |
| 1997 Qtr | 3 | 0 | 2005 | 2005 | 104,289,647 |
| 1997 Qtr | 4 | 0 | 2006 | 2006 | 104,965,574 |
| 1998 Qtr | 1 | 60503726 | 2007 | 2007 | 112,546,803 |
| 1998 Qtr | 2 | 0 | 2008 | 2008 | 114,576,487 |
| 1998 Qtr | 3 | 0 | 2009 | 2009 | 151,285,519 |
| 1998 Qtr | 4 | 0 | 2010 | 2010 | 130,567,419 |
| 1999 Qtr | 1 | 68522214 | 2011 | 2011 | 109,146,416 |
| 1999 Qtr | 2 | 0 | 2012 | 2012 | 119,619,425 |
| 1999 Qtr | 3 | 0 | 2013 | 2013 | 142,338,862 |
| 1999 Qtr | 4 | 0 | 2014 | 2014 | 160,384,528 |
| 2000 Qtr | 1 | 76098828 | 2015 | 2015 | 160,498,103 |
| 2000 Qtr | 2 | 0 | 2016 | 2016 | 159,874,070 |
| 2000 Qtr | 3 | 0 | 2017 | 2017 | 151,664,344 |
| 2000 Qtr | 4 | 0 | 2018 | 2018 | 157,927,763 |
| 2001 Qtr | 1 | 84689272 | 2019 | 2019 | 159,355,145 |
| 2001 Qtr | 2 | 0 | 2020 | 2020 | 152,156,498 |
| 2001 Qtr | 3 | 0 | | | |
| 2001 Qtr | 4 | 0 | | | |
| 2002 Qtr | 1 | 84151505 | | | |
| 2002 Qtr | 2 | 0 | | | |
| 2002 Qtr | 3 | 0 | | | |
| 2002 Qtr | 4 | 0 | | | |
| 2003 Qtr | 1 | 90324806 | | | |
| 2003 Qtr | 2 | 0 | | | |
| 2003 Qtr | 3 | 0 | | | |
| 2003 Qtr | 4 | 0 | | | |
| 2004 Qtr | 1 | 96758976 | | | |
| 2004 Qtr | 2 | 0 | | | |
| 2004 Qtr | 3 | 0 | | | |
| 2004 Qtr | 4 | 0 | | | |
| 2005 Qtr | 1 | 104289647 | | | |
| 2005 Qtr | 2 | 0 | | | |
| 2005 Qtr | 3 | 0 | | | |
| 2005 Qtr | 4 | 0 | | | |
| 2006 Qtr | 1 | 104965574 | | | |
| 2006 Qtr | 2 | 0 | | | |
| 2006 Qtr | 3 | 0 | | | |
| 2006 Qtr | 4 | 0 | | | |
| 2007 Qtr | 1 | 112546803 | | | |
| 2007 Qtr | 2 | 0 | | | |
| 2007 Qtr | 3 | 0 | | | |
| 2007 Qtr | 4 | 0 | | | |
| 2008 Qtr | 1 | 114576487 | | | |
| 2008 Qtr | 2 | 0 | | | |
| 2008 Qtr | 3 | 0 | | | |
| 2008 Qtr | 4 | 0 | | | |
| 2009 Qtr | 1 | 151285519 | | | |
| 2009 Qtr | 2 | 0 | | | |
| 2009 Qtr | 3 | 0 | | | |
| 2009 Qtr | 4 | 0 | | | |
| 2010 

| Annual volume of production (Millions of tonnes) | | | | | |
|---|---|---|---|---|---|
| YEAR | Metallurgical Coal | | Thermal Coal | | TOTAL |
| | Qld | NSW | Qld | NSW | |
| 1995 | 46.04 | 34% | 89.00 | 66% | 89.04 |
| 1996 | 50.42 | 34% | 97.00 | 66% | 147.42 |
| 1997 | 50.49 | 34% | 98.49 | 66% | 151.87 |
| 1998 | 53.32 | 37% | 90.69 | 63% | 143.99 |
| 1999 | 54.47 | 37% | 92.00 | 63% | 146.47 |
| 2000 | 56.07 | 38% | 90.60 | 62% | 146.65 |
| 2001 | 56.08 | 38% | 92.46 | 62% | 148.57 |
| 2002 | 61.79 | 39% | 95.00 | 61% | 156.79 |
| 2003 | 65.48 | 33% | 133.00 | 67% | 198.48 |
| 2004 | 70.00 | 35% | 130.00 | 65% | 200.00 |
| 2005 | 69.93 | 33% | 143.00 | 67% | 212.93 |
| 2006 | 69.93 | 33% | 143.00 | 67% | 212.93 |
| 2007 | 71.00 | 32% | 151.00 | 68% | 222.00 |
| 2008 | 71.00 | 31% | 157.00 | 69% | 228.00 |
| 2009 | 111.63 | 41% | 161.00 | 59% | 272.63 |
| 2010 | 120.00 | 42% | 167.00 | 58% | 287.00 |
| 2011 | 125.12 | 42% | 175.07 | 58% | 300.19 |
| 2012 | 138.07 | 41% | 198.42 | 59% | 336.49 |
| 2013 | 140.00 | 40% | 210.00 | 60% | 350.00 |
| 2014 | 140.00 | 39% | 215.00 | 61% | 355.00 |
| 2015 | 140.00 | 38% | 230.00 | 62% | 370.00 |
| 2016 | 141.00 | 37% | 241.00 | 63% | 382.00 |
| 2017 | 142.00 | 37% | 243.00 | 63% | 385.00 |
| 2018 | 142.00 | 36% | 252.00 | 64% | 394.00 |
| 2019 | 146.00 | 35% | 270.00 | 65% | 416.00 |
| 2020 | 148.00 | 34% | 287.00 | 66% | 435.00 |
| 2021 | 150.00 | 33% | 305.00 | 67% | 455.00 |
| 2022 | 152.00 | 32% | 323.00 | 68% | 475.00 |
| 2023 | 154.00 | 31% | 341.00 | 69% | 495.00 |
| 2024 | 156.00 | 30% | 359.00 | 70% | 515.00 |
| 2025 | 158.00 | 29% | 377.00 | 71% | 535.00 |
| 2026 | 160.00 | 28% | 395.00 | 72% | 555.00 |
| 2027 | 162.00 | 27% | 413.00 | 73% | 575.00 |
| 2028 | 164.00 | 26% | 431.00 | 74% | 595.00 |
| 2029 | 166.00 | 25% | 449.00 | 75% | 615.00 |
| 2030 | 168.00 | 24% | 467.00 | 76% | 635.00 |
| Average Annual Growth | 145.75 | 35% | 194.52 | 65% | 340.27 |




Original Data (from Department of Resources Intranet Powerlift tool)

| Date_Year | Date_Quarter | ProdType | Sum of Volume |
|---|---|---|---|
| 2020 | Qtr 1 | Metallurgical | 14487000 |
| 2020 | Qtr 1 | Thermal | 21927000 |
| 2020 | Qtr 2 | Metallurgical | 14000000 |
| 2020 | Qtr 2 | Thermal | 21000000 |
| 2020 | Qtr 3 | Metallurgical | 15000000 |
| 2020 | Qtr 3 | Thermal | 22000000 |
| 2020 | Qtr 4 | Metallurgical | 15000000 |
| 2020 | Qtr 4 | Thermal | 22000000 |
| 2019 | Qtr 1 | Metallurgical | 14000000 |
| 2019 | Qtr 1 | Thermal | 20000000 |
| 2019 | Qtr 2 | Metallurgical | 14000000 |
| 2019 | Qtr 2 | Thermal | 20000000 |
| 2019 | Qtr 3 | Metallurgical | 14000000 |
| 2019 | Qtr 3 | Thermal | 20000000 |
| 2019 | Qtr 4 | Metallurgical | 14000000 |
| 2019 | Qtr 4 | Thermal | 20000000 |
| 2018 | Qtr 1 | Metallurgical | 14000000 |
| 2018 | Qtr 1 | Thermal | 19000000 |
| 2018 | Qtr 2 | Metallurgical | 14000000 |
| 2018 | Qtr 2 | Thermal | 19000000 |
| 2018 | Qtr 3 | Metallurgical | 14000000 |
| 2018 | Qtr 3 | Thermal | 19000000 |
| 2018 | Qtr 4 | Metallurgical | 14000000 |
| 2018 | Qtr 4 | Thermal | 19000000 |
| 2017 | Qtr 1 | Metallurgical | 14000000 |
| 2017 | Qtr 1 | Thermal | 18000000 |
| 2017 | Qtr 2 | Metallurgical | 14000000 |
| 2017 | Qtr 2 | Thermal | 18000000 |
| 2017 | Qtr 3 | Metallurgical | 14000000 |
| 2017 | Qtr 3 | Thermal | 18000000 |
| 2017 | Qtr 4 | Metallurgical | 14000000 |
| 2017 | Qtr 4 | Thermal | 18000000 |
| 2016 | Qtr 1 | Metallurgical | 14000000 |
| 2016 | Qtr 1 | Thermal | 17000000 |
| 2016 | Qtr 2 | Metallurgical | 14000000 |
| 2016 | Qtr 2 | Thermal | 17000000 |
| 2016 | Qtr 3 | Metallurgical | 14000000 |
| 2016 | Qtr 3 | Thermal | 17000000 |
| 2016 | Qtr 4 | Metallurgical | 14000000 |
| 2016 | Qtr 4 | Thermal | 17000000 |
| 2015 | Qtr 1 | Metallurgical | 14000000 |
| 2015 | Qtr 1 | Thermal | 16000000 |
| 2015 | Qtr 2 | Metallurgical | 14000000 |
| 2015 | Qtr 2 | Thermal | 16000000 |
| 2015 | Qtr 3 | Metallurgical | 14000000 |
| 2015 | Qtr 3 | Thermal | 16000000 |
| 2015 | Qtr 4 | Metallurgical | 14000000 |
| 2015 | Qtr 4 | Thermal | 16000000 |
| 2014 | Qtr 1 | Metallurgical | 14000000 |
| 2014 | Qtr 1 | Thermal | 15000000 |
| 2014 | Qtr 2 | Metallurgical | 14000000 |
| 2014 | Qtr 2 | Thermal | 15000000 |
| 2014 | Qtr 3 | Metallurgical | 14000000 |
| 2014 | Qtr 3 | Thermal | 15000000 |
| 2014 | Qtr 4 | Metallurgical | 14000000 |
| 2014 | Qtr 4 | Thermal | 15000000 |
| 2013 | Qtr 1 | Metallurgical | 14000000 |
| 2013 | Qtr 1 | Thermal | 14000000 |
| 2013 | Qtr 2 | Metallurgical | 14000000 |
| 2013 | Qtr 2 | Thermal | 14000000 |
| 2013 | Qtr 3 | Metallurgical | 14000000 |
| 2013 | Qtr 3 | Thermal | 14000000 |
| 2013 | Qtr 4 | Metallurgical | 14000000 |
| 2013 | Qtr 4 | Thermal | 14000000 |
| 2012 | Qtr 1 | Metallurgical | 13812000 |
| 2012 | Qtr 1 | Thermal | 13700000 |
| 2012 | Qtr 2 | Metallurgical | 13700000 |
| 2012 | Qtr 2 | Thermal | 13700000 |
| 2012 | Qtr 3 | Metallurgical | 13700000 |
| 2012 | Qtr 3 | Thermal | 13700000 |
| 2012 | Qtr 4 | Metallurgical | 13700000 |
| 2012 | Qtr 4 | Thermal | 13700000 |
| 2011 | Qtr 1 | Metallurgical | 11412000 |
| 2011 | Qtr 1 | Thermal | 13700000 |
| 2011 | Qtr 2 | Metallurgical | 12000000 |
| 2011 | Qtr 2 | Thermal | 13700000 |
| 2011 | Qtr 3 | Metallurgical | 12000000 |
| 2011 | Qtr 3 | Thermal | 13700000 |
| 2011 | Qtr 4 | Metallurgical | 12000000 |
| 2011 | Qtr 4 | Thermal | 13700000 |
| 2010 | Qtr 1 | Metallurgical | 12000000 |
| 2010 | Qtr 1 | Thermal | 13700000 |
| 2010 | Qtr 2 | Metallurgical | 12000000 |
| 2010 | Qtr 2 | Thermal | 13700000 |
| 2010 | Qtr 3 | Metallurgical | 12000000 |
| 2010 | Qtr 3 | Thermal | 13700000 |
| 2010 | Qtr 4 | Metallurgical | 12000000 |
| 2010 | Qtr 4 | Thermal | 13700000 |
| 2009 | Qtr 1 | Metallurgical | 12000000 |
| 2009 | Qtr 1 | Thermal | 13700000 |
| 2009 | Qtr 2 | Metallurgical | 12000000 |
| 2009 | Qtr 2 | Thermal | 13700000 |
| 2009 | Qtr 3 | Metallurgical | 12000000 |
| 2009 | Qtr 3 | Thermal | 13700000 |
| 2009 | Qtr 4 | Metallurgical | 12000000 |
| 2009 | Qtr 4 | Thermal | 13700000 |
| 2008 | Qtr 1 | Metallurgical | 12000000 |
| 2008 | Qtr 1 | Thermal | 13700000 |
| 2008 | Qtr 2 | Metallurgical | 12000000 |
| 2008 | Qtr 2 | Thermal | 13700000 |
| 2008 | Qtr 3 | Metallurgical | 12000000 |
| 2008 | Qtr 3 | Thermal | 13700000 |
| 2008 | Qtr 4 | Metallurgical | 12000000 |
| 2008 | Qtr 4 | Thermal | 13700000 |
| 2007 | Qtr 1 | Metallurgical | 12000000 |
| 2007 | Qtr 1 | Thermal | 13700000 |
| 2007 | Qtr 2 | Metallurgical | 12000000 |
| 2007 | Qtr 2 | Thermal | 13700000 |
| 2007 | Qtr 3 | Metallurgical | 12000000 |
| 2007 | Qtr 3 | Thermal | 13700000 |
| 2007 | Qtr 4 | Metallurgical | 12000000 |
| 2007 | Qtr 4 | Thermal | 13700000 |
| 2006 | Qtr 1 | Metallurgical | 12000000 |
| 2006 | Qtr 1 | Thermal | 13700000 |
| 2006 | Qtr 2 | Metallurgical | 12000000 |
| 2006 | Qtr 2 | Thermal | 13700000 |
| 2006 | Qtr 3 | Metallurgical | 12000000 |
| 2006 | Qtr 3 | Thermal | 13700000 |
| 2006 | Qtr 4 | Metallurgical | 12000000 |
| 2006 | Qtr 4 | Thermal | 13700000 |
| 2005 | Qtr 1 | Metallurgical | 12000000 |
| 2005 | Qtr 1 | Thermal | 13700000 |
| 2005 | Qtr 2 | Metallurgical | 12000000 |
| 2005 | Qtr 2 | Thermal | 13700000 |
| 2005 | Qtr 3 | Metallurgical | 12000000 |
| 2005 | Qtr 3 | Thermal | 13700000 |
| 2005 | Qtr 4 | Metallurgical | 12000000 |
| 2005 | Qtr 4 | Thermal | 13700000 |
| 2004 | Qtr 1 | Metallurgical | 11700000 |
| 2004 | Qtr 1 | Thermal | 13700000 |
| 2004 | Qtr 2 | Metallurgical | 11700000 |
| 2004 | Qtr 2 | Thermal | 13700000 |
| 2004 | Qtr 3 | Metallurgical | 11700000 |
| 2004 | Qtr 3 | Thermal | 13700000 |
| 2004 | Qtr 4 | Metallurgical | 11700000 |
| 2004 | Qtr 4 | Thermal | 13700000 |
| 2003 | Qtr 1 | Metallurgical | 11700000 |
| 2003 | Qtr 1 | Thermal | 13700000 |
| 2003 | Qtr 2 | Metallurgical | 11700000 |
| 2003 | Qtr 2 | Thermal | 13700000 |
| 2003 | Qtr 3 | Metallurgical | 11700000 |
| 2003 | Qtr 3 | Thermal | 13700000 |
| 2003 | Qtr 4 | Metallurgical | 11700000 |
| 2003 | Qtr 4 | Thermal | 13700000 |
| 2002 | Qtr 1 | Metallurgical | 11700000 |
| 2002 | Qtr 1 | Thermal | 13700000 |
| 2002 | Qtr 2 | Metallurgical | 11700000 |
| 2002 | Qtr 2 | Thermal | 13700000 |
| 2002 | Qtr 3 | Metallurgical | 11700000 |
| 2002 | Qtr 3 | Thermal | 13700000 |
| 2002 | Qtr 4 | Metallurgical | 11700000 |
| 2002 | Qtr 4 | Thermal | 13700000 |
| 2001 | Qtr 1 | Metallurgical | 11700000 |
| 2001 | Qtr 1 | Thermal | 13700000 |
| 2001 | Qtr 2 | Metallurgical | 11700000 |
| 2001 | Qtr 2 | Thermal | 13700000 |
| 2001 | Qtr 3 | Metallurgical | 11700000 |
| 2001 | Qtr 3 | Thermal | 13700000 |
| 2001 | Qtr 4 | Metallurgical | 11700000 |
| 2001 | Qtr 4 | Thermal | 13700000 |
| 2000 | Qtr 1 | Metallurgical | 11700000 |
| 2000 | Qtr 1 | Thermal | 13700000 |
| 2000 | Qtr 2 | Metallurgical | 11700000 |
| 2000 | Qtr 2 | Thermal | 13700000 |
| 2000 | Qtr 3 | Metallurgical | 11700000 |
| 2000 | Qtr 3 | Thermal | 13700000 |
| 2000 | Qtr 4 | Metallurgical | 11700000 |
| 2000 | Qtr 4 | Thermal | 13700000 |
| 1999 | Qtr 1 | Metallurgical | 11700000 |
| 1999 | Qtr 1 | Thermal | 13700000 |
| 1999 | Qtr 2 | Metallurgical | 11700000 |
| 1999 | Qtr 2 | Thermal | 13700000 |
| 1999 | Qtr 3 | Metallurgical | 11700000 |
| 1999 | Qtr 3 | Thermal | 13700000 |
| 1999 | Qtr 4 | Metallurgical | 11700000 |
| 1999 | Qtr 4 | Thermal | 13700000 |
| 1998 | Qtr 1 | Metallurgical | 11700000 |
| 1998 | Qtr 1 | Thermal | 13700000 |
| 1998 | Qtr 2 | Metallurgical | 11700000 |
| 1998 | Qtr 2 | Thermal | 13700000 |
| 1998 | Qtr 3 | Metallurgical | 11700000 |
| 1998 | Qtr 3 | Thermal | 13700000 |
| 1998 | Qtr 4 | Metallurgical | 11700000 |
| 1998 | Qtr 4 | Thermal | 13700000 |
| 1997 | Qtr 1 | Metallurgical | 11700000 |
| 1997 | Qtr 1 | Thermal | 13700000 |
| 1997 | Qtr 2 | Metallurgical | 11700000 |
| 1997 | Qtr 2 | Thermal | 13700000 |
| 1997 | Qtr 3 | Metallurgical | 11700000 |
| 1997 | Qtr 3 | Thermal | 13700000 |
| 1997 | Qtr 4 | Metallurgical | 11700000 |
| 1997 | Qtr 4 | Thermal | 13700000 |
| 1996 | Qtr 1 | Metallurgical | 11700000 |
| 1996 | Qtr 1 | Thermal | 13700000 |
| 1996 | Qtr 2 | Metallurgical | 11700000 |
| 1996 | Qtr 2 | Thermal | 13700000 |
| 1996 | Qtr 3 | Metallurgical | 11700000 |
| 1996 | Qtr 3 | Thermal | 13700000 |
| 1996 | Qtr 4 | Metallurgical | 11700000 |
| 1996 | Qtr 4 | Thermal | 13700000 |
| 1995 | Qtr 1 | Metallurgical | 11700000 |
| 1995 | Qtr 1 | Thermal | 13700000 |
| 1995 | Qtr 2 | Metallurgical | 11700000 |
| 1995 | Qtr 2 | Thermal | 13700000 |
| 1995 | Qtr 3 | Metallurgical | 11700000 |
| 1995 | Qtr 3 | Thermal | 13700000 |
| 1995 | Qtr 4 | Metallurgical | 11700000 |
| 1995 | Qtr 4 | Thermal | 13700000 |

Sort for Metallurgical Values

| YEAR | QUARTER | VALUE |
|---|---|---|
| 2020 | Qtr 1 | 14487000 |
| 2020 | Qtr 2 | 14000000 |
| 2020 | Qtr 3 | 15000000 |
| 2020 | Qtr 4 | 15000000 |
| 2019 | Qtr 1 | 14000000 |
| 2019 | Qtr 2 | 14000000 |
| 2019 | Qtr 3 | 14000000 |
| 2019 | Qtr 4 | 14000000 |
| 2018 | Qtr 1 | 14000000 |
| 2018 | Qtr 2 | 14000000 |
| 2018 | Qtr 3 | 14000000 |
| 2018 | Qtr 4 | 14000000 |
| 2017 | Qtr 1 | 14000000 |
| 2017 | Qtr 2 | 14000000 |
| 2017 | Qtr 3 | 14000000 |
| 2017 | Qtr 4 | 14000000 |
| 2016 | Qtr 1 | 14000000 |
| 2016 | Qtr 2 | 14000000 |
| 2016 | Qtr 3 | 14000000 |
| 2016 | Qtr 4 | 14000000 |
| 2015 | Qtr 1 | 14000000 |
| 2015 | Qtr 2 | 14000000 |
| 2015 | Qtr 3 | 14000000 |
| 2015 | Qtr 4 | 14000000 |
| 2014 | Qtr 1 | 14000000 |
| 2014 | Qtr 2 | 14000000 |
| 2014 | Qtr 3 | 14000000 |
| 2014 | Qtr 4 | 14000000 |
| 2013 | Qtr 1 | 14000000 |
| 2013 | Qtr 2 | 14000000 |
| 2013 | Qtr 3 | 14000000 |
| 2013 | Qtr 4 | 14000000 |
| 2012 | Qtr 1 | 13812000 |
| 2012 | Qtr 2 | 13700000 |
| 2012 | Qtr 3 | 13700000 |
| 2012 | Qtr 4 | 13700000 |
| 2011 | Qtr 1 | 11412000 |
| 2011 | Qtr 2 | 12000000 |
| 2011 | Qtr 3 | 12000000 |
| 2011 | Qtr 4 | 12000000 |
| 2010 | Qtr 1 | 12000000 |
| 2010 | Qtr 2 | 12000000 |
| 2010 | Qtr 3 | 12000000 |
| 2010 | Qtr 4 | 12000000 |
| 2009 | Qtr 1 | 12000000 |
| 2009 | Qtr 2 | 12000000 |
| 2009 | Qtr 3 | 12000000 |
| 2009 | Qtr 4 | 12000000 |
| 2008 | Qtr 1 | 12000000 |
| 2008 | Qtr 2 | 12000000 |
| 2008 | Qtr 3 | 12000000 |
| 2008 | Qtr 4 | 12000000 |
| 2007 | Qtr 1 | 12000000 |
| 2007 | Qtr 2 | 12000000 |
| 2007 | Qtr 3 | 12000000 |
| 2007 | Qtr 4 | 12000000 |
| 2006 | Qtr 1 | 12000000 |
| 2006 | Qtr 2 | 12000000 |
| 2006 | Qtr 3 | 12000000 |
| 2006 | Qtr 4 | 12000000 |
| 2005 | Qtr 1 | 12000000 |
| 2005 | Qtr 2 | 12000000 |
| 2005 | Qtr 3 | 12000000 |
| 2005 | Qtr 4 | 12000000 |
| 2004 | Qtr 1 | 11700000 |
| 2004 | Qtr 2 | 11700000 |
| 2004 | Qtr 3 | 11700000 |
| 2004 | Qtr 4 | 11700000 |
| 2003 | Qtr 1 | 11700000 |
| 2003 | Qtr 2 | 11700000 |
| 2003 | Qtr 3 | 11700000 |
| 2003 | Qtr 4 | 11700000 |
| 2002 | Qtr 1 | 11700000 |
| 2002 | Qtr 2 | 11700000 |
| 2002 | Qtr 3 | 11700000 |
| 2002 | Qtr 4 | 11700000 |
| 2001 | Qtr 1 | 11700000 |
| 2001 | Qtr 2 | 11700000 |
| 2001 | Qtr 3 | 11700000 |
| 2001 | Qtr 4 | 11700000 |
| 2000 | Qtr 1 | 11700000 |
| 2000 | Qtr 2 | 11700000 |
| 2000 | Qtr 3 | 11700000 |
| 2000 | Qtr 4 | 11700000 |
| 1999 | Qtr 1 | 11700000 |
| 1999 | Qtr 2 | 11700000 |
| 1999 | Qtr 3 | 11700000 |
| 1999 | Qtr 4 | 11700000 |
| 1998 | Qtr 1 | 11700000 |
| 1998 | Qtr 2 | 11700000 |
| 1998 | Qtr 3 | 11700000 |
| 1998 | Qtr 4 | 11700000 |
| 1997 | Qtr 1 | 11700000 |
| 1997 | Qtr 2 | 11700000 |
| 1997 | Qtr 3 | 11700000 |
| 1997 | Qtr 4 | 11700000 |
| 1996 | Qtr 1 | 11700000 |
| 1996 | Qtr 2 | 11700000 |
| 1996 | Qtr 3 | 11700000 |
| 1996 | Qtr 4 | 11700000 |
| 1995 | Qtr 1 | 11700000 |
| 1995 | Qtr 2 | 11700000 |
| 1995 | Qtr 3 | 11700000 |
| 1995 | Qtr 4 | 11700000 |

Conversion of metallurgical values from quarters to years and tonnes to millions of tonnes

| YEAR | Volume (Millions of tonnes) | VOLUME (tonnes) |
|---|---|---|
| 1995 | 46.8 | 46,800,000 |
| 1996 | 46.8 | 46,800,000 |
| 1997 | 46.8 | 46,800,000 |
| 1998 | 46.8 | 46,800,000 |
| 1999 | 46.8 | 46,800,000 |
| 2000 | 46.8 | 46,800,000 |
| 2001 | 46.8 | 46,800,000 |
| 2002 | 46.8 | 46,800,000 |
| 2003 | 56.0 | 56,000,000 |
| 2004 | 56.0 | 56,000,000 |
| 2005 | 56.0 | 56,000,000 |
| 2006 | 57.41 | 57,410,000 |
| 2007 | 57.41 | 57,410,000 |
| 2008 | 57.41 | 57,410,000 |
| 2009 | 57.41 | 57,410,000 |
| 2010 | 60.00 | 60,000,000 |
| 2011 | 60.07 | 60,069,000 |
| 2012 | 55.24 | 55,240,000 |
| 2013 | 56.00 | 56,000,000 |
| 2014 | 56.00 | 56,000,000 |
| 2015 | 56.00 | 56,000,000 |
| 2016 | 56.40 | 56,400,000 |
| 2017 | 57.20 | 57,200,000 |
| 2018 | 56.80 | 56,800,000 |
| 2019 | 58.40 | 58,400,000 |
| 2020 | 59.20 | 59,200,000 |

Sort for Thermal Values

| YEAR | QUARTER | VALUE |
|---|---|---|
| 2020 | Qtr 1 | 21927000 |
| 2020 | Qtr 2 | 21000000 |
| 2020 | Qtr 3 | 22000000 |
| 2020 | Qtr 4 | 22000000 |
| 2019 | Qtr 1 | 20000000 |
| 2019 | Qtr 2 | 20000000 |
| 2019 | Qtr 3 | 20000000 |
| 2019 | Qtr 4 | 20000000 |
| 2018 | Qtr 1 | 19000000 |
| 2018 | Qtr 2 | 19000000 |
| 2018 | Qtr 3 | 19000000 |
| 2018 | Qtr 4 | 19000000 |
| 2017 | Qtr 1 | 18000000 |
| 2017 | Qtr 2 | 18000000 |
| 2017 | Qtr 3 | 18000000 |
| 2017 | Qtr 4 | 18000000 |
| 2016 | Qtr 1 | 17000000 |
| 2016 | Qtr 2 | 17000000 |
| 2016 | Qtr 3 | 17000000 |
| 2016 | Qtr 4 | 17000000 |
| 2015 | Qtr 1 | 16000000 |
| 2015 | Qtr 2 | 16000000 |
| 2015 | Qtr 3 | 16000000 |
| 2015 | Qtr 4 | 16000000 |
| 2014 | Qtr 1 | 15000000 |
| 2014 | Qtr 2 | 15000000 |
| 2014 | Qtr 3 | 15000000 |
| 2014 | Qtr 4 | 15000000 |
| 2013 | Qtr 1 | 14000000 |
| 2013 | Qtr 2 | 14000000 |
| 2013 | Qtr 3 | 14000000 |
| 2013 | Qtr 4 | 14000000 |
| 2012 | Qtr 1 | 13700000 |
| 2012 | Qtr 2 | 13700000 |
| 2012 | Qtr 3 | 13700000 |
| 2012 | Qtr 4 | 13700000 |
| 2011 | Qtr 1 | 13700000 |
| 2011 | Qtr 2 | 13700000 |
| 2011 | Qtr 3 | 13700000 |
| 2011 | Qtr 4 | 13700000 |
| 2010 | Qtr 1 | 13700000 |
| 2010 | Qtr 2 | 13700000 |
| 2010 | Qtr 3 | 13700000 |
| 2010 | Qtr 4 | 13700000 |
| 2009 | Qtr 1 | 13700000 |
| 2009 | Qtr 2 | 13700000 |
| 2009 | Qtr 3 | 13700000 |
| 2009 | Qtr 4 | 13700000 |
| 2008 | Qtr 1 | 13700000 |
| 2008 | Qtr 2 | 13700000 |
| 2008 | Qtr 3 | 13700000 |
| 2008 | Qtr 4 | 13700000 |
| 2007 | Qtr 1 | 13700000 |
| 2007 | Qtr 2 | 13700000 |
| 2007 | Qtr 3 | 13700000 |
| 2007 | Qtr 4 | 13700000 |
| 2006 | Qtr 1 | 13700000 |
| 2006 | Qtr 2 | 13700000 |
| 2006 | Qtr 3 | 13700000 |
| 2006 | Qtr 4 | 13700000 |
| 2005 | Qtr 1 | 13700000 |
| 2005 | Qtr 2 | 13700000 |
| 2005 | Qtr 3 | 13700000 |
| 2005 | Qtr 4 | 13700000 |
| 2004 | Qtr 1 | 13700000 |
| 2004 | Qtr 2 | 13700000 |
| 2004 | Qtr 3 | 13700000 |
| 2004 | Qtr 4 | 13700000 |
| 2003 | Qtr 1 | 13700000 |
| 2003 | Qtr 2 | 13700000 |
| 2003 | Qtr 3 | 13700000 |
| 2003 | Qtr 4 | 13700000 |
| 2002 | Qtr 1 | 13700000 |
| 2002 | Qtr 2 | 13700000 |
| 2002 | Qtr 3 | 13700000 |
| 2002 | Qtr 4 | 13700000 |
| 2001 | Qtr 1 | 13700000 |
| 2001 | Qtr 2 | 13700000 |
| 2001 | Qtr 3 | 13700000 |
| 2001 | Qtr 4 | 13700000 |
| 2000 | Qtr 1 | 13700000 |
| 2000 | Qtr 2 | 13700000 |
| 2000 | Qtr 3 | 13700000 |
| 2000 | Qtr 4 | 13700000 |
| 1999 | Qtr 1 | 13700000 |
| 1999 | Qtr 2 | 13700000 |
| 1999 | Qtr 3 | 13700000 |
| 1999 | Qtr 4 | 13700000 |
| 1998 | Qtr 1 | 13700000 |
| 1998 | Qtr 2 | 13700000 |
| 1998 | Qtr 3 | 13700000 |
| 1998 | Qtr 4 | 13700000 |
| 1997 | Qtr 1 | 13700000 |
| 1997 | Qtr 2 | 13700000 |
| 1997 | Qtr 3 | 13700000 |
| 1997 | Qtr 4 | 13700000 |
| 1996 | Qtr 1 | 13700000 |
| 1996 | Qtr 2 | 13700000 |
| 1996 | Qtr 3 | 13700000 |
| 1996 | Qtr 4 | 13700000 |
| 1995 | Qtr 1 | 13700000 |
| 1995 | Qtr 2 | 13700000 |
| 1995 | Qtr 3 | 13700000 |
| 1995 | Qtr 4 | 13700000 |

Conversion of thermal values from quarters to years and tonnes to millions of tonnes

| YEAR | Volume (Millions of tonnes) | Volume (tonnes) |
|---|---|---|
| 1995 | 54.8 | 54,800,000 |
| 1996 | 54.8 | 54,800,000 |
| 1997 | 54.8 | 54,800,000 |
| 1998 | 54.8 | 54,800,000 |
| 1999 | 54.8 | 54,800,000 |
| 2000 | 54.8 | 54,800,000 |
| 2001 | 54.8 | 54,800,000 |
| 2002 | 54.8 | 54,800,000 |
| 2003 | 54.8 | 54,800,000 |
| 2004 | 54.8 | 54,800,000 |
| 2005 | 54.8 | 54,800,000 |
| 2006 | 54.8 | 54,800,000 |
| 2007 | 54.8 | 54,800,000 |
| 2008 | 54.8 | 54,800,000 |
| 2009 | 54.8 | 54,800,000 |
| 2010 | 54.8 | 54,800,000 |
| 2011 | 54.8 | 54,800,000 |
| 2012 | 54.8 | 54,800,000 |
| 2013 | 56.0 | 56,000,000 |
| 2014 | 60.0 | 60,000,000 |
| 2015 | 62.0 | 62,000,000 |
| 2016 | 64.8 | 64,800,000 |
| 2017 | 68.8 | 68,800,000 |
| 2018 | 75.2 | 75,200,000 |
| 2019 | 81.6 | 81,600,000 |
| 2020 | 87.0 | 87,000,000 |
| 2021 | 91.0 | 91,000,000 |
| 2022 | 95.0 | 95,000,000 |
| 2023 | 99.0 | 99,000,000 |
| 2024 | 103.0 | 103,000,000 |
| 2025 | 107.0 | 107,000,000 |
| 2026 | 111.0 | 111,000,000 |
| 2027 | 115.0 | 115,000,000 |
| 2028 | 119.0 | 119,000,000 |
| 2029 | 123.0 | 123,000,000 |
| 2030 | 127.0 | 127,000,000 |

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## VALUE OF QUEENSLAND MERCHANDISE EXPORTS 2002-2020

$Billions

| Year | Metallurgical coal | Thermal coal | TOTAL COAL | LNG | Copper | Aluminium | Zinc | Lead | Other minerals | TOTAL MINERALS | TOTAL RESOURCES | Rural | Other | TOTAL MERCHANDISE EXPORTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2002 | 6.47 | 1.98 | 8.45 | 0.00 | 0.96 | 1.44 | 0.68 | 0.43 | 0.55 | 4.00 | 12.45 | 5.13 | 4.55 | 22.14 |
| 2003 | 5.76 | 1.62 | 7.39 | 0.00 | 0.83 | 1.35 | 0.64 | 0.40 | 0.42 | 3.64 | 11.02 | 4.38 | 4.56 | 19.96 |
| 2004 | 6.72 | 2.02 | 8.74 | 0.00 | 0.96 | 1.55 | 0.80 | 0.64 | 0.44 | 4.19 | 12.93 | 5.38 | 4.54 | 22.84 |
| 2005 | 12.95 | 2.44 | 15.39 | 0.00 | 1.32 | 1.96 | 0.92 | 0.84 | 0.41 | 5.45 | 20.83 | 5.45 | 4.86 | 31.15 |
| 2006 | 14.20 | 2.62 | 16.82 | 0.00 | 2.03 | 2.62 | 2.09 | 0.83 | 0.49 | 7.97 | 24.89 | 5.58 | 5.86 | 36.34 |
| 2007 | 11.70 | 2.46 | 14.16 | 0.00 | 2.03 | 2.61 | 2.02 | 1.23 | 1.13 | 9.02 | 23.18 | 4.87 | 5.61 | 33.66 |
| 2008 | 27.43 | 4.91 | 32.35 | 0.00 | 2.58 | 2.67 | 1.98 | 1.01 | 0.90 | 9.26 | 40.60 | 5.66 | 5.76 | 52.33 |
| 2009 | 20.69 | 5.42 | 26.11 | 0.00 | 1.57 | 1.77 | 0.80 | 1.05 | 0.53 | 5.72 | 31.83 | 5.78 | 5.65 | 43.26 |
| 2010 | 25.62 | 4.61 | 30.22 | 0.00 | 2.38 | 2.19 | 1.20 | 1.43 | 0.70 | 7.89 | 38.11 | 5.71 | 6.20 | 50.11 |
| 2011 | 26.35 | 4.38 | 30.72 | 0.00 | 2.51 | 2.26 | 1.29 | 1.42 | 0.81 | 8.28 | 39.01 | 7.22 | 5.50 | 51.73 |
| 2012 | 20.46 | 4.51 | 24.97 | 0.00 | 2.32 | 2.39 | 1.13 | 1.45 | 0.96 | 8.15 | 33.12 | 7.51 | 5.93 | 46.55 |
| 2013 | 20.11 | 4.48 | 24.59 | 0.00 | 2.64 | 2.55 | 1.14 | 1.25 | 0.83 | 8.41 | 32.99 | 7.62 | 4.09 | 44.71 |
| 2014 | 19.12 | 4.12 | 23.24 | 0.00 | 2.67 | 2.78 | 1.52 | 1.07 | 0.86 | 8.90 | 32.14 | 8.26 | 3.71 | 44.11 |
| 2015 | 18.55 | 4.31 | 22.86 | 2.97 | 2.39 | 3.45 | 1.72 | 1.25 | 0.81 | 9.61 | 35.44 | 9.67 | 3.74 | 48.85 |
| 2016 | 23.23 | 4.32 | 27.55 | 6.91 | 2.05 | 3.08 | 1.03 | 1.00 | 0.71 | 7.88 | 42.32 | 9.08 | 3.89 | 55.29 |
| 2017 | 32.25 | 5.78 | 38.03 | 9.72 | 2.35 | 3.53 | 1.32 | 0.88 | 0.74 | 8.82 | 56.57 | 9.76 | 3.89 | 70.23 |
| 2018 | 37.00 | 7.28 | 44.28 | 13.48 | 2.43 | 4.57 | 1.92 | 0.84 | 0.81 | 10.57 | 68.33 | 9.45 | 4.38 | 82.16 |
| 2019 | 36.69 | 6.20 | 42.89 | 15.99 | 2.35 | 4.06 | 1.94 | 1.02 | 0.85 | 10.21 | 69.09 | 10.16 | 4.92 | 84.18 |
| 2020 | 29.82 | 4.19 | 34.02 | 11.81 | 2.15 | 3.00 | 1.83 | 1.19 | 0.78 | 9.15 | 49.38 | 8.75 | 4.54 | 62.70 |

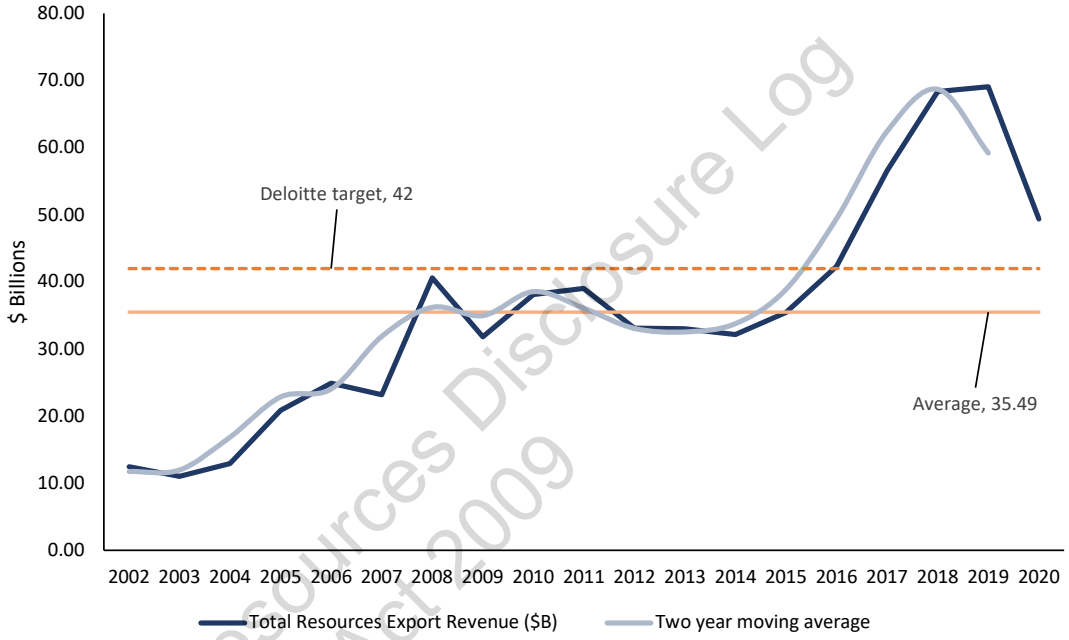
| | Metallurgical coal | Total Coal | % met share | Total resources exports | % met share | Total merchandise exports | % met share |
|---|---|---|---|---|---|---|---|
| 2002 | 6.47 | 8.45 | 77% | 12.45 | 52% | 22.14 | 29% |
| 2003 | 5.76 | 7.39 | 78% | 11.02 | 52% | 19.96 | 29% |
| 2004 | 6.72 | 8.74 | 77% | 12.92 | 52% | 22.84 | 29% |
| 2005 | 12.95 | 15.39 | 84% | 20.83 | 62% | 31.15 | 42% |
| 2006 | 14.20 | 16.82 | 84% | 24.89 | 57% | 36.34 | 39% |
| 2007 | 11.70 | 14.16 | 83% | 23.18 | 50% | 33.66 | 35% |
| 2008 | 27.43 | 32.35 | 85% | 40.60 | 68% | 52.33 | 52% |
| 2009 | 20.69 | 26.11 | 79% | 31.83 | 65% | 43.26 | 48% |
| 2010 | 25.62 | 30.22 | 85% | 38.11 | 67% | 50.11 | 51% |
| 2011 | 26.35 | 30.72 | 86% | 39.01 | 68% | 51.73 | 51% |
| 2012 | 20.46 | 24.97 | 82% | 33.12 | 62% | 46.55 | 44% |
| 2013 | 20.11 | 24.59 | 82% | 32.99 | 61% | 44.71 | 45% |
| 2014 | 19.12 | 23.24 | 82% | 32.14 | 59% | 44.11 | 43% |
| 2015 | 18.55 | 22.86 | 81% | 35.44 | 52% | 48.85 | 38% |
| 2016 | 23.23 | 27.55 | 84% | 42.32 | 55% | 55.29 | 42% |
| 2017 | 32.25 | 38.03 | 85% | 56.57 | 57% | 70.23 | 46% |
| 2018 | 37.00 | 44.28 | 84% | 68.33 | 54% | 82.16 | 45% |
| 2019 | 36.69 | 42.89 | 86% | 69.09 | 53% | 84.18 | 44% |
| 2020 | 29.82 | 34.02 | 85% | 49.38 | 48% | 62.70 | 38% |
| Average 2011-2020 | 25.76 | 30.71 | 84% | 45.84 | 57% | 59.05 | 44% |

## ORIGINAL DATA

| Month | Year | Metallurgical coal | Thermal coal | LNG | Copper | Aluminium | Zinc | Lead | Other minerals | Rural | Other |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2002 | 597.1 | 203.5 | 0.0 | 77.8 | 141.1 | 44.3 | 42.7 | 35.4 | 241.4 | 285.4 |
| 2 | 2002 | 513.1 | 199.8 | 0.0 | 77.5 | 112.5 | 37.8 | 38.9 | 49.0 | 334.9 | 282.2 |
| 3 | 2002 | 571.6 | 163.0 | 0.0 | 78.9 | 108.6 | 118.9 | 54.7 | 41.6 | 434.0 | 379.9 |
| 4 | 2002 | 540.3 | 171.3 | 0.0 | 64.9 | 129.2 | 40.8 | 34.8 | 40.8 | 386.3 | 312.8 |
| 5 | 2002 | 537.9 | 148.5 | 0.0 | 117.1 | 123.8 | 68.2 | 42.0 | 47.1 | 463.1 | 345.9 |
| 6 | 2002 | 575.1 | 144.3 | 0.0 | 80.9 | 96.9 | 35.4 | 35.3 | 53.2 | 488.1 | 346.6 |
| 7 | 2002 | 535.4 | 169.2 | 0.0 | 93.3 | 118.3 | 37.2 | 47.1 | 44.9 | 466.0 | 350.5 |
| 8 | 2002 | 550.6 | 145.3 | 0.0 | 57.0 | 125.5 | 70.2 | 27.5 | 48.9 | 494.5 | 491.7 |
| 9 | 2002 | 533.1 | 175.4 | 0.0 | 93.9 | 109.6 | 60.6 | 14.5 | 46.9 | 423.8 | 418.4 |
| 10 | 2002 | 492.3 | 151.0 | 0.0 | 81.8 | 137.9 | 26.6 | 29.5 | 36.5 | 531.2 | 486.5 |
| 11 | 2002 | 534.7 | 157.1 | 0.0 | 74.5 | 115.2 | 86.0 | 26.0 | 52.5 | 452.8 | 323.9 |
| 12 | 2002 | 583.1 | 152.4 | 0.0 | 90.5 | 122.7 | 53.5 | 40.5 | 49.8 | 420.5 | 386.5 |
| 1 | 2003 | 582.1 | 182.1 | 0.0 | 63.1 | 94.5 | 38.5 | 45.4 | 57.5 | 222.8 | 323.8 |
| 2 | 2003 | 458.1 | 121.1 | 0.0 | 54.4 | 78.9 | 45.1 | 17.2 | 23.3 | 338.8 | 315.1 |
| 3 | 2003 | 544.4 | 149.9 | 0.0 | 78.0 | 171.3 | 67.8 | 53.2 | 36.5 | 374.4 | 418.3 |
| 4 | 2003 | 534.4 | 123.1 | 0.0 | 76.6 | 110.5 | 73.4 | 21.3 | 19.1 | 338.5 | 330.1 |
| 5 | 2003 | 474.3 | 117.2 | 0.0 | 93.2 | 95.2 | 34.4 | 31.0 | 41.2 | 393.0 | 371.3 |
| 6 | 2003 | 535.6 | 121.3 | 0.0 | 78.7 | 119.1 | 83.0 | 49.2 | 46.8 | 370.9 | 335.0 |
| 7 | 2003 | 469.5 | 128.4 | 0.0 | 39.8 | 79.4 | 24.5 | 24.3 | 21.2 | 377.6 | 405.4 |
| 8 | 2003 | 436.2 | 129.2 | 0.0 | 44.9 | 142.4 | 65.9 | 19.3 | 25.8 | 378.4 | 449.9 |
| 9 | 2003 | 447.5 | 154.7 | 0.0 | 49.1 | 120.3 | 32.2 | 39.2 | 31.5 | 468.8 | 441.4 |
| 10 | 2003 | 460.5 | 154.3 | 0.0 | 96.9 | 103.8 | 30.4 | 21.3 | 41.1 | 396.5 | 410.5 |
| 11 | 2003 | 421.8 | 123.0 | 0.0 | 65.6 | 110.4 | 47.8 | 57.3 | 38.1 | 410.4 | 368.8 |
| 12 | 2003 | 415.2 | 120.8 | 0.0 | 88.3 | 126.7 | 112.0 | 37.2 | 44.9 | 371.6 | 390.5 |
| 1 | 2004 | 395.0 | 132.5 | 0.0 | 88.0 | 58.8 | 42.4 | 37.0 | 29.1 | 234.2 | 256.3 |
| 2 | 2004 | 343.4 | 117.0 | 0.0 | 51.2 | 112.3 | 25.0 | 31.4 | 25.7 | 346.5 | 308.9 |
| 3 | 2004 | 412.5 | 118.2 | 0.0 | 79.0 | 124.4 | 52.2 | 59.8 | 41.8 | 346.5 | 354.3 |
| 4 | 2004 | 524.0 | 150.0 | 0.0 | 73.1 | 140.0 | 62.3 | 56.7 | 26.6 | 386.0 | 367.1 |
| 5 | 2004 | 534.6 | 154.0 | 0.0 | 75.5 | 143.8 | 60.3 | 45.8 | 45.0 | 391.5 | 384.9 |
| 6 | 2004 | 572.4 | 164.6 | 0.0 | 84.6 | 179.7 | 41.9 | 46.2 | 43.1 | 551.5 | 382.9 |
| 7 | 2004 | 611.4 | 172.4 | 0.0 | 91.0 | 124.6 | 41.0 | 67.2 | 38.5 | 552.6 | 376.0 |
| 8 | 2004 | 708.4 | 212.1 | 0.0 | 96.3 | 87.9 | 59.1 | 31.6 | 31.3 | 530.7 | 421.3 |
| 9 | 2004 | 592.9 | 190.2 | 0.0 | 86.9 | 189.2 | 26.2 | 73.3 | 49.1 | 550.3 | 418.2 |
| 10 | 2004 | 673.5 | 193.9 | 0.0 | 115.4 | 138.9 | 47.2 | 51.7 | 36.4 | 489.9 | 511.4 |
| 11 | 2004 | 638.4 | 168.8 | 0.0 | 77.9 | 126.8 | 58.2 | 67.9 | 31.5 | 443.3 | 385.9 |
| 12 | 2004 | 714.0 | 163.7 | 0.0 | 45.1 | 172.4 | 35.4 | 30.0 | 50.0 | 425.6 | 376.8 |
| 1 | 2005 | 640.3 | 195.1 | 0.0 | 154.1 | 107.8 | 103.9 | 69.3 | 36.3 | 235.1 | 276.4 |
| 2 | 2005 | 651.8 | 167.4 | 0.0 | 54.6 | 138.1 | 41.5 | 13.3 | 11.8 | 346.9 | 278.2 |
| 3 | 2005 | 723.2 | 123.4 | 0.0 | 96.8 | 129.8 | 95.2 | 107.7 | 29.0 | 412.5 | 350.8 |
| 4 | 2005 | 1,086.2 | 203.3 | 0.0 | 81.0 | 219.2 | 67.4 | 56.1 | 38.8 | 423.3 | 366.8 |
| 5 | 2005 | 1,174.0 | 227.3 | 0.0 | 81.4 | 135.9 | 53.1 | 99.9 | 40.1 | 494.5 | 473.1 |
| 6 | 2005 | 1,174.1 | 216.6 | 0.0 | 90.5 | 145.0 | 90.0 | 61.6 | 50.3 | 504.0 | 408.9 |
| 7 | 2005 | 1,275.2 | 226.0 | 0.0 | 136.1 | 222.9 | 35.1 | 59.0 | 24.9 | 565.7 | 449.2 |
| 8 | 2005 | 1,158.7 | 233.2 | 0.0 | 91.6 | 136.8 | 71.2 | 97.0 | 27.1 | 511.5 | 422.4 |
| 9 | 2005 | 1,224.3 | 211.2 | 0.0 | 64.1 | 206.1 | 48.7 | 21.0 | 38.5 | 500.6 | 484.9 |
| 10 | 2005 | 1,317.8 | 235.9 | 0.0 | 149.0 | 130.9 | 91.2 | 51.6 | 21.3 | 489.4 | 441.4 |
| 11 | 2005 | 1,365.5 | 195.5 | 0.0 | 124.2 | 137.6 | 98.8 | 104.7 | 38.5 | 491.6 | 486.1 |
| 12 | 2005 | 1,159.3 | 208.1 | 0.0 | 192.0 | 248.4 | 126.3 | 114.3 | 55.2 | 481.4 | 419.0 |
| 1 | 2006 | 1,237.2 | 238.6 | 0.0 | 219.7 | 163.1 | 86.3 | 47.6 | 24.9 | 240.7 | 389.9 |
| 2 | 2006 | 1,099.4 | 190.0 | 0.1 | 188.4 | 183.7 | 108.5 | 45.1 | 38.2 | 339.4 | 410.2 |
| 3 | 2006 | 1,353.3 | 190.4 | 0.0 | 148.0 | 179.2 | 122.0 | 88.9 | 49.3 | 443.1 | 577.7 |
| 4 | 2006 | 1,216.1 | 272.7 | 0.0 | 139.7 | 277.9 | 150.2 | 79.6 | 27.9 | 423.3 | 467.2 |
| 5 | 2006 | 1,134.4 | 229.0 | 0.0 | 157.1 | 267.9 | 185.0 | 72.9 | 34.8 | 559.8 | 488.0 |
| 6 | 2006 | 1,236.1 | 258.1 | 0.0 | 228.7 | 157.9 | 243.3 | 58.3 | 91.3 | 498.6 | 426.5 |
| 7 | 2006 | 1,291.5 | 258.5 | 0.0 | 139.8 | 208.3 | 187.5 | 107.5 | 41.2 | 514.8 | 584.3 |
| 8 | 2006 | 1,255.5 | 194.1 | 0.0 | 135.8 | 208.3 | 187.5 | 107.5 | 41.2 | 514.8 | 584.3 |
| 9 | 2006 | 1,101.0 | 223.5 | 0.0 | 146.8 | 213.6 | 89.3 | 65.1 | 42.6 | 522.4 | 507.1 |
| 10 | 2006 | 1,150.1 | 204.2 | 0.0 | 199.9 | 212.8 | 266.6 | 128.2 | 74.8 | 537.4 | 527.7 |
| 11 | 2006 | 1,045.7 | 233.3 | 0.0 | 128.6 | 193.5 | 196.7 | 50.5 | 57.0 | 547.7 | 527.2 |
| 12 | 2006 | 1,147.2 | 185.9 | 0.0 | 160.8 | 251.6 | 186.5 | 45.6 | 79.9 | 491.3 | 396.4 |
| 1 | 2007 | 1,165.5 | 246.6 | 0.0 | 160.7 | 252.1 | 147.4 | 29.8 | 104.0 | 258.6 | 380.0 |
| 2 | 2007 | 938.5 | 198.8 | 0.0 | 157.9 | 192.8 | 136.8 | 130.0 | 48.3 | 371.4 | 396.4 |
| 3 | 2007 | 1,113.9 | 166.4 | 0.0 | 177.6 | 304.0 | 156.7 | 66.9 | 113.4 | 429.8 | 423.9 |
| 4 | 2007 | 1,016.6 | 230.7 | 0.0 | 220.5 | 144.0 | 246.4 | 86.2 | 146.9 | 380.6 | 439.1 |
| 5 | 2007 | 1,066.6 | 214.9 | 0.0 | 159.5 | 300.3 | 183.5 | 168.3 | 99.7 | 420.7 | 545.1 |
| 6 | 2007 | 972.8 | 222.4 | 0.0 | 135.1 | 176.5 | 135.1 | 72.8 | 105.3 | 431.4 | 513.0 |
| 7 | 2007 | 838.2 | 210.7 | 0.0 | 148.8 | 248.5 | 250.9 | 115.1 | 60.3 | 405.1 | 489.0 |
| 8 | 2007 | 978.9 | 189.9 | 0.0 | 184.8 | 237.5 | 197.2 | 60.7 | 53.8 | 421.6 | 474.4 |
| 9 | 2007 | 973.3 | 165.4 | 0.0 | 166.3 | 291.6 | 175.1 | 128.6 | 106.0 | 436.6 | 521.9 |
| 10 | 2007 | 910.0 | 167.5 | 0.0 | 55.6 | 190.6 | 127.7 | 80.5 | 57.1 | 375.9 | 544.1 |
| 11 | 2007 | 936.2 | 167.6 | 0.0 | 120.8 | 188.3 | 126.5 | 150.0 | 92.1 | 458.6 | 461.0 |
| 12 | 2007 | 913.3 | 235.7 | 0.0 | 239.2 | 182.4 | 134.7 | 166.4 | 150.9 | 469.9 | 418.4 |
| 1 | 2008 | 867.6 | 264.0 | 0.0 | 247.3 | 181.1 | 58.7 | 40.3 | 44.0 | 230.9 | 493.5 |
| 2 | 2008 | 855.7 | 165.1 | 0.0 | 220.5 | 156.7 | 68.9 | 51.2 | 28.6 | 341.6 | 344.7 |
| 3 | 2008 | 868.1 | 280.8 | 0.0 | 269.9 | 252.3 | 182.6 | 129.9 | 115.3 | 431.3 | 341.3 |
| 4 | 2008 | 1,052.6 | 268.0 | 0.0 | 224.1 | 184.9 | 101.8 | 67.1 | 94.1 | 496.9 | 422.4 |
| 5 | 2008 | 1,725.8 | 308.2 | 0.0 | 229.3 | 250.3 | 104.3 | 98.6 | 104.9 | 574.3 | 485.5 |
| 6 | 2008 | 2,335.4 | 307.5 | 0.0 | 145.6 | 223.6 | 97.6 | 124.5 | 129.0 | 491.1 | 492.0 |
| 7 | 2008 | 2,382.6 | 408.0 | 0.0 | 262.2 | 169.1 | 83.8 | 34.6 | 48.5 | 544.8 | 543.0 |
| 8 | 2008 | 3,182.6 | 429.3 | 0.0 | 231.8 | 225.8 | 65.0 | 64.9 | 60.0 | 554.3 | 533.8 |
| 9 | 2008 | 3,466.0 | 532.4 | 0.0 | 231.8 | 225.8 | 65.0 | 64.9 | 60.0 | 554.3 | 533.8 |
| 10 | 2008 | 3,876.4 | 677.5 | 0.0 | 171.4 | 315.4 | 65.4 | 125.2 | 68.9 | 633.9 | 677.2 |
| 11 | 2008 | 3,741.0 | 641.3 | 0.0 | 260.1 | 227.7 | 81.4 | 19.8 | 49.9 | 620.7 | 527.1 |
| 12 | 2008 | 2,918.2 | 658.9 | 0.0 | 143.7 | 242.1 | 71.9 | 119.2 | 106.1 | 536.0 | 437.0 |
| 1 | 2009 | 2,023.8 | 754.5 | 0.0 | 134.8 | 164.0 | 38.9 | 21.5 | 38.9 | 314.0 | 351.3 |
| 2 | 2009 | 2,055.9 | 563.0 | 0.0 | 93.1 | 146.6 | 48.5 | 1.2 | 57.6 | 478.0 | 416.1 |
| 3 | 2009 | 2,221.5 | 514.5 | 0.0 | 50.9 | 155.0 | 52.0 | 140.5 | 51.5 | 586.0 | 373.4 |
| 4 | 2009 | 2,083.9 | 456.3 | 0.0 | 70.9 | 143.6 | 96.5 | 56.8 | 34.5 | 481.8 | 435.0 |
| 5 | 2009 | 1,564.6 | 436.5 | 0.0 | 126.3 | 148.2 | 31.4 | 104.8 | 54.1 | 570.3 | 462.4 |
| 6 | 2009 | 1,541.6 | 463.5 | 0.0 | 208.7 | 155.1 | 95.2 | 121.8 | 57.3 | 500.3 | 520.0 |
| 7 | 2009 | 1,373.5 | 448.4 | 0.0 | 122.1 | 126.1 | 62.1 | 113.7 | 24.1 | 489.8 | 417.2 |
| 8 | 2009 | 1,459.2 | 394.5 | 0.0 | 118.7 | 142.7 | 83.6 | 102.1 | 34.3 | 541.3 | 553.8 |
| 9 | 2009 | 1,692.3 | 316.5 | 0.0 | 178.1 | 111.8 | 75.4 | 90.9 | 45.9 | 518.5 | 594.3 |
| 10 | 2009 | 1,417.1 | 374.8 | 0.0 | 153.6 | 162.6 | 93.6 | 137.4 | 58.3 | 471.1 | 552.5 |
| 11 | 2009 | 1,421.6 | 329.9 | 0.0 | 81.1 | 126.0 | 33.5 | 84.7 | 26.0 | 492.0 | 468.1 |
| 12 | 2009 | 1,630.5 | 396.8 | 0.0 | 228.5 | 187.0 | 73.7 | 77.0 | 51.3 | 415.6 | 512.9 |
| 1 | 2010 | 1,753.0 | 342.2 | 0.0 | 141.6 | 198.3 | 63.0 | 103.5 | 25.9 | 228.5 | 375.9 |
| 2 | 2010 | 1,268.6 | 286.6 | 0.0 | 110.4 | 110.3 | 101.5 | 84.1 | 40.0 | 320.1 | 466.3 |
| 3 | 2010 | 1,862.2 | 267.8 | 0.0 | 190.7 | 134.7 | 113.8 | 97.0 | 67.6 | 377.1 | 490.1 |
| 4 | 2010 | 2,031.4 | 328.8 | 0.0 | 229.0 | 220.9 | 110.0 | 164.1 | 58.8 | 413.5 | 547.8 |
| 5 | 2010 | 2,468.2 | 382.0 | 0.0 | 238.4 | 272.9 | 99.7 | 46.7 | 51.8 | 592.9 | 384.9 |
| 6 | 2010 | 2,808.3 | 497.3 | 0.0 | 179.4 | 157.9 | 105.2 | 214.4 | 76.7 | 628.2 | 442.5 |
| 7 | 2010 | 2,186.3 | 417.7 | 0.0 | 212.3 | 204.6 | 141.1 | 44.8 | 56.4 | 625.5 | 483.2 |
| 8 | 2010 | 2,891.0 | 498.6 | 0.0 | 155.4 | 174.1 | 99.8 | 165.2 | 65.7 | 620.7 | 673.3 |
| 9 | 2010 | 2,461.5 | 416.2 | 0.0 | 185.5 | 184.4 | 93.8 | 95.2 | 52.2 | 557.1 | 598.9 |
| 10 | 2010 | 2,242.8 | 419.3 | 0.0 | 139.3 | 230.3 | 90.9 | 165.2 | 57.3 | 457.4 | 469.8 |
| 11 | 2010 | 2,253.0 | 334.3 | 0.0 | 348.0 | 136.6 | 114.1 | 118.9 | 72.1 | 456.6 | 492.3 |
| 12 | 2010 | 2,020.0 | 362.9 | 0.0 | 242.6 | 192.0 | 72.6 | 125.4 | 78.1 | 487.5 | 531.7 |
| 1 | 2011 | 1,216.9 | 243.9 | 0.0 | 232.5 | 142.8 | 162.6 | 60.2 | 21.2 | 218.2 | 274.0 |
| 2 | 2011 | 1,218.5 | 195.8 | 0.0 | 239.8 | 191.3 | 46.8 | 77.9 | 47.1 | 438.3 | 305.5 |
| 3 | 2011 | 1,867.4 | 247.4 | 0.0 | 236.2 | 214.4 | 86.8 | 193.4 | 50.2 | 524.8 | 346.0 |
| 4 | 2011 | 1,977.9 | 300.5 | 0.0 | 191.5 | 147.6 | 166.6 | 142.4 | 55.8 | 500.5 | 364.4 |
| 5 | 2011 | 2,311.1 | 318.1 | 0.0 | 200.2 | 247.4 | 115.6 | 25.6 | 94.9 | 615.3 | 345.9 |
| 6 | 2011 | 2,642.6 | 447.9 | 0.0 | 185.3 | 138.2 | 85.3 | 178.9 | 121.5 | 772.1 | 384.9 |
| 7 | 2011 | 2,211.5 | 426.8 | 0.0 | 230.2 | 174.5 | 106.7 | 127.1 | 58.8 | 740.4 | 577.4 |
| 8 | 2011 | 2,719.8 | 366.1 | 0.0 | 168.7 | 179.9 | 93.7 | 168.9 | 76.1 | 747.3 | 646.1 |
| 9 | 2011 | 2,688.9 | 396.3 | 0.0 | 260.6 | 236.3 | 107.3 | 36.8 | 76.9 | 668.9 | 621.7 |
| 10 | 2011 | 2,502.5 | 470.3 | 0.0 | 197.7 | 193.7 | 146.8 | 87.1 | 75.0 | 672.0 | 592.1 |
| 11 | 2011 | 2,484.2 | 449.0 | 0.0 | 233.9 | 195.3 | 100.5 | 213.1 | 64.6 | 713.4 | 531.1 |
| 12 | 2011 | 2,505.5 | 464.4 | 0.0 | 287.7 | 186.4 | 63.7 | 111.2 | 73.9 | 665.7 | 515.1 |
| 1 | 2012 | 2,266.0 | 343.9 | 0.0 | 156.0 | 113.9 | 122.9 | 177.8 | 71.9 | 332.7 | 332.9 |
| 2 | 2012 | 1,686.4 | 317.0 | 0.0 | 201.6 | 205.9 | 58.3 | 0.0 | 68.3 | 465.2 | 399.8 |
| 3 | 2012 | 1,655.9 | 387.0 | 0.0 | 235.4 | 168.8 | 90.4 | 191.1 | 127.9 | 534.3 | 465.4 |
| 4 | 2012 | 1,685.8 | 344.6 | 0.0 | 156.6 | 183.7 | 134.5 | 104.1 | 70.4 | 534.5 | 425.3 |
| 5 | 2012 | 1,819.5 | 392.3 | 0.0 | 253.2 | 207.4 | 93.1 | 147.0 | 113.5 | 688.9 | 523.3 |
| 6 | 2012 | 1,843.9 | 349.0 | 0.0 | 165.4 | 195.3 | 91.7 | 162.7 | 83.8 | 744.2 | 525.8 |
| 7 | 2012 | 1,847.0 | 364.8 | 0.0 | 181.8 | 174.0 | 75.8 | 64.7 | 61.3 | 664.2 | 556.1 |
| 8 | 2012 | 1,586.4 | 341.4 | 0.0 | 167.8 | 207.9 | 76.9 | 165.5 | 83.2 | 734.1 | 518.3 |
| 9 | 2012 | 1,714.7 | 387.2 | 0.0 | 174.2 | 165.3 | 79.0 | 51.4 | 78.6 | 632.1 | 609.4 |
| 10 | 2012 | 1,451.8 | 492.8 | 0.0 | 241.2 | 198.8 | 81.0 | 169.6 | 68.2 | 711.3 | 527.2 |
| 11 | 2012 | 1,933.1 | 360.7 | 0.0 | 64.7 | 244.4 | 122.7 | 115.1 | 46.6 | 727.6 | 588.2 |
| 12 | 2012 | 1,696.2 | 410.5 | 0.0 | 288.9 | 228.2 | 118.9 | 140.9 | 91.6 | 726.3 | 480.7 |
| 1 | 2013 | 1,441.3 | 344.1 | 0.0 | 152.8 | 179.3 | 63.7 | 86.7 | 46.3 | 316.6 | 298.8 |
| 2 | 2013 | 1,418.1 | 289.6 | 0.0 | 209.4 | 167.9 | 63.0 | 125.0 | 58.5 | 451.4 | 370.8 |
| 3 | 2013 | 1,493.1 | 260.0 | 0.0 | 230.6 | 241.1 | 120.2 | 42.8 | 64.7 | 553.1 | 390.8 |
| 4 | 2013 | 1,336.8 | 312.8 | 0.0 | 204.9 | 214.5 | 112.9 | 54.3 | 68.8 | 599.9 | 384.3 |
| 5 | 2013 | 1,524.3 | 423.0 | 0.0 | 224.1 | 184.9 | 101.8 | 67.1 | 94.1 | 496.9 | 422.4 |
| 6 | 2013 | 1,524.1 | 423.0 | 0.0 | 172.7 | 179.7 | 126.4 | 82.4 | 84.6 | 741.2 | 374.8 |
| 7 | 2013 | 1,548.7 | 463.3 | 0.0 | 287.1 | 209.1 | 80.7 | 187.3 | 75.5 | 836.5 | 357.4 |
| 8 | 2013 | 1,707.9 | 423.8 | 0.0 | 195.8 | 217.2 | 115.2 | 6.3 | 63.1 | 771.7 | 313.9 |
| 9 | 2013 | 1,761.9 | 351.6 | 0.0 | 240.3 | 252.8 | 96.3 | 137.2 | 98.2 | 683.0 | 289.8 |
| 10 | 2013 | 1,786.5 | 367.8 | 0.0 | 243.4 | 243.4 | 55.4 | 98.0 | 59.7 | 658.4 | 326.9 |
| 11 | 2013 | 1,836.4 | 332.9 | 0.0 | 166.9 | 184.5 | 95.7 | 139.8 | 71.5 | 651.5 | 297.7 |
| 12 | 2013 | 1,917.3 | 473.4 | 0.0 | 335.6 | 242.6 | 126.6 | 194.3 | 82.4 | 588.5 | 300.1 |
| 1 | 2014 | 1,782.8 | 273.3 | 0.0 | 126.7 | 270.1 | 109.3 | 101.0 | 27.2 | 329.0 | 187.2 |
| 2 | 2014 | 1,482.0 | 379.8 | 0.0 | 315.7 | 168.0 | 101.7 | 98.0 | 115.1 | 538.3 | 290.7 |
| 3 | 2014 | 1,725.6 | 268.8 | 0.0 | 214.8 | 210.8 | 157.3 | 71.5 | 82.1 | 589.1 | 275.4 |
| 4 | 2014 | 1,602.2 | 394.3 | 0.0 | 232.3 | 216.9 | 84.3 | 122.2 | 63.8 | 634.2 | 341.9 |
| 5 | 2014 | 1,515.1 | 357.4 | 0.0 | 166.7 | 264.9 | 87.2 | 52.6 | 63.7 | 702.5 | 305.9 |
| 6 | 2014 | 1,601.9 | 381.1 | 0.1 | 194.2 | 253.9 | 158.4 | 122.3 | 109.1 | 619.2 | 271.9 |
| 7 | 2014 | 1,321.5 | 395.5 | 0.0 | 268.6 | 215.5 | 100.9 | 54.6 | 58.6 | 876.0 | 323.3 |
| 8 | 2014 | 1,553.2 | 367.0 | 0.0 | 205.5 | 248.5 | 139.0 | 114.0 | 71.5 | 791.8 | 311.1 |
| 9 | 2014 | 1,526.3 | 288.9 | 0.0 | 194.5 | 165.0 | 53.1 | 58.5 | 45.8 | 703.6 | 376.1 |
| 10 | 2014 | 1,582.2 | 388.2 | 0.0 | 283.7 | 263.4 | 119.8 | 73.3 | 75.9 | 792.8 | 327.7 |
| 11 | 2014 | 1,681.5 | 343.7 | 0.0 | 189.5 | 266.7 | 197.1 | 113.9 | 60.2 | 753.7 | 329.4 |
| 12 | 2014 | 1,736.4 | 368.8 | 0.0 | 276.0 | 339.4 | 227.7 | 89.5 | 96.0 | 756.2 | 372.9 |
| 1 | 2015 | 1,687.1 | 337.3 | 103.5 | 207.0 | 265.7 | 126.7 | 47.9 | 50.7 | 424.2 | 214.3 |
| 2 | 2015 | 1,447.7 | 346.9 | 152.9 | 158.4 | 224.1 | 85.2 | 138.8 | 57.9 | 618.7 | 301.1 |
| 3 | 2015 | 1,876.8 | 337.4 | 71.4 | 234.5 | 329.1 | 164.6 | 40.6 | 74.3 | 739.0 | 301.7 |
| 4 | 2015 | 1,457.7 | 353.8 | 128.8 | 186.4 | 229.3 | 177.6 | 134.9 | 46.3 | 739.7 | 311.1 |
| 5 | 2015 | 1,513.9 | 356.1 | 180.9 | 225.7 | 363.8 | 268.2 | 169.4 | 69.4 | 957.5 | 339.4 |
| 6 | 2015 | 1,513.9 | 356.1 | 180.9 | 225.7 | 363.8 | 268.2 | 169.4 | 69.4 | 957.5 | 339.4 |
| 7 | 2015 | 1,465.4 | 360.3 | 291.5 | 249.5 | 218.7 | 81.6 | 148.7 | 66.5 | 943.7 | 271.9 |
| 8 | 2015 | 1,605.2 | 371.5 | 240.8 | 190.4 | 271.2 | 105.7 | 87.4 | 75.5 | 852.0 | 307.2 |
| 9 | 2015 | 1,540.2 | 411.7 | 373.1 | 211.5 | 352.1 | 140.8 | 141.5 | 54.3 | 910.7 | 353.4 |
| 10 | 2015 | 1,420.7 | 336.1 | 427.3 | 204.3 | 305.8 | 188.7 | 100.1 | 79.9 | 805.8 | 278.0 |
| 11 | 2015 | 1,003.0 | 355.7 | 397.0 | 161.2 | 240.8 | 97.0 | 158.1 | 66.6 | 1,031.6 | 299.9 |
| 12 | 2015 | 1,387.9 | 344.1 | 358.6 | 203.2 | 309.1 | 153.5 | 112.4 | 60.6 | 823.7 | 348.7 |
| 1 | 2016 | 1,439.4 | 343.0 | 628.8 | 151.6 | 238.4 | 9.0 | 0.0 | 35.5 | 389.4 | 282.8 |
| 2 | 2016 | 1,103.6 | 309.2 | 515.2 | 215.8 | 249.2 | 111.5 | 76.5 | 95.1 | 584.2 | 257.8 |
| 3 | 2016 | 1,269.1 | 262.3 | 548.7 | 130.8 | 221.5 | 118.2 | 82.2 | 48.4 | 657.0 | 303.4 |
| 4 | 2016 | 1,301.7 | 273.8 | 397.3 | 183.2 | 213.0 | 63.1 | 138.2 | 58.7 | 660.0 | 340.0 |
| 5 | 2016 | 1,385.7 | 300.5 | 452.8 | 168.3 | 319.2 | 57.8 | 39.9 | 39.4 | 823.7 | 385.0 |
| 6 | 2016 | 1,607.4 | 312.9 | 457.5 | 194.4 | 270.0 | 96.3 | 96.0 | 66.1 | 761.0 | 335.7 |
| 7 | 2016 | 1,403.7 | 356.4 | 514.8 | 148.2 | 234.5 | 63.5 | 20.4 | 37.6 | 840.6 | 339.1 |
| 8 | 2016 | 1,589.2 | 368.6 | 573.2 | 200.2 | 231.3 | 69.9 | 151.6 | 71.0 | 850.4 | 289.0 |
| 9 | 2016 | 1,671.0 | 401.1 | 678.5 | 132.0 | 277.5 | 69.4 | 113.4 | 69.1 | 748.6 | 397.1 |
| 10 | 2016 | 2,285.3 | 391.2 | 687.7 | 159.9 | 257.1 | 124.9 | 50.2 | 60.7 | 762.0 | 237.9 |
| 11 | 2016 | 3,053.9 | 389.6 | 706.0 | 181.7 | 252.8 | 133.6 | 105.7 | 54.6 | 980.7 | 359.9 |
| 12 | 2016 | 4,230.3 | 572.4 | 758.6 | 224.9 | 341.0 | 106.2 | 125.1 | 73.7 | 1,016.4 | 387.7 |
| 1 | 2017 | 3,248.9 |

| Year | Total Resources Export Revenue ($B) | | | Deloitte target |
|---|---|---|---|---|
| | *Actual* | *Average* | *Two year moving average* | |
| 2002 | 12.45 | 35.49 | 11.74 | 42 |
| 2003 | 11.02 | 35.49 | 11.97 | 42 |
| 2004 | 12.92 | 35.49 | 16.88 | 42 |
| 2005 | 20.83 | 35.49 | 22.86 | 42 |
| 2006 | 24.89 | 35.49 | 24.04 | 42 |
| 2007 | 23.18 | 35.49 | 31.89 | 42 |
| 2008 | 40.60 | 35.49 | 36.22 | 42 |
| 2009 | 31.83 | 35.49 | 34.97 | 42 |
| 2010 | 38.11 | 35.49 | 38.56 | 42 |
| 2011 | 39.01 | 35.49 | 36.06 | 42 |
| 2012 | 33.12 | 35.49 | 33.05 | 42 |
| 2013 | 32.99 | 35.49 | 32.57 | 42 |
| 2014 | 32.14 | 35.49 | 33.79 | 42 |
| 2015 | 35.44 | 35.49 | 38.88 | 42 |
| 2016 | 42.32 | 35.49 | 49.45 | 42 |
| 2017 | 56.57 | 35.49 | 62.45 | 42 |
| 2018 | 68.33 | 35.49 | 68.71 | 42 |
| 2019 | 69.09 | 35.49 | 59.23 | 42 |
| 2020 | 49.38 | 35.49 | 49.38 | 42 |

Source: Queensland Treasury, unreleased ABS data

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## COAL

**CALENDAR YEAR 2020**

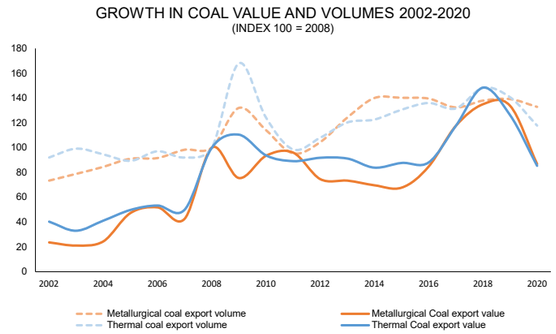
| | Value of exports ($billions) | Export **volumes** (millions of tonnes) | % share of coal export **volumes** | share of **value** of coal exports (%) | % share of **value** of all resource industry exports | % share of all merchandise exports |
|---|---|---|---|---|---|---|
| Metallurtgical | 23.82 | 152.16 | 74% | 85% | 48% | 38% |
| Thermal | 4.19 | 52.60 | 26% | 15% | 8% | 7% |
| **TOTAL** | **28.02** | **204.76** | **100%** | **100%** | **57%** | **45%** |

SOURCE: Department of Resources, Queensland Treasury and unpublished ABS data

**Growth of coal export value and export volumes**
(100 = 2008)

| YEAR | Metallurgical Coal | | Thermal Coal | |
|---|---|---|---|---|
| | Metallurgical coal export volume | Metallurgical Coal export value | Thermal coal export volume | Thermal Coal export value |
| 2002 | 73 | 24 | 92 | 40 |
| 2003 | 79 | 21 | 99 | 33 |
| 2004 | 84 | 24 | 95 | 41 |
| 2005 | 91 | 47 | 89 | 50 |
| 2006 | 92 | 52 | 97 | 53 |
| 2007 | 98 | 43 | 92 | 50 |
| 2008 | 100 | 100 | 100 | 100 |
| 2009 | 132 | 75 | 168 | 110 |
| 2010 | 114 | 93 | 124 | 94 |
| 2011 | 95 | 96 | 99 | 89 |
| 2012 | 104 | 75 | 108 | 92 |
| 2013 | 124 | 73 | 120 | 91 |
| 2014 | 140 | 70 | 123 | 84 |
| 2015 | 140 | 68 | 131 | 88 |
| 2016 | 140 | 85 | 136 | 88 |
| 2017 | 132 | 118 | 132 | 118 |
| 2018 | 138 | 135 | 148 | 148 |
| 2019 | 139 | 134 | 141 | 126 |
| 2020 | 133 | 87 | 118 | 85 |

SOURCE: Department of Resources, Queensland Treasury and unpublished ABS data

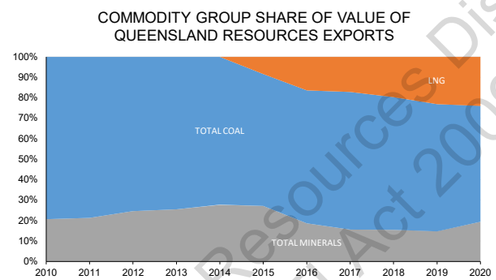


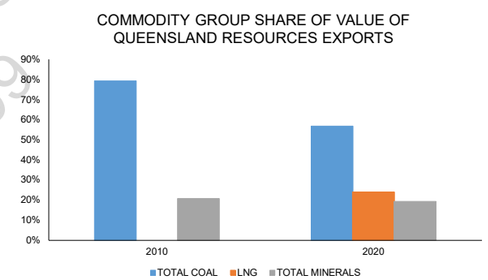

## DIVESIFICATION

**VALUE OF QUEENSLAND RESOURCES EXPORTS INCLUDING COMMODITY GROUP SHARES 2002-2020**

| YEAR | TOTAL COAL | | LNG | | TOTAL MINERALS | | TOTAL RESOURCES | |
|---|---|---|---|---|---|---|---|---|
| | $Billions | % share | $Billions | % share | $Billions | % share | $Billions | % share |
| 2002 | 8.45 | 68% | 0.00 | 0% | 4.00 | 32% | 12.45 | 100% |
| 2003 | 7.39 | 67% | 0.00 | 0% | 3.64 | 33% | 11.02 | 100% |
| 2004 | 8.74 | 68% | 0.00 | 0% | 4.18 | 32% | 12.92 | 100% |
| 2005 | 15.39 | 74% | 0.00 | 0% | 5.45 | 26% | 20.83 | 100% |
| 2006 | 16.82 | 68% | 0.00 | 0% | 8.07 | 32% | 24.89 | 100% |
| 2007 | 14.16 | 61% | 0.00 | 0% | 9.02 | 39% | 23.18 | 100% |
| 2008 | 32.35 | 80% | 0.00 | 0% | 8.26 | 20% | 40.60 | 100% |
| 2009 | 26.11 | 82% | 0.00 | 0% | 5.72 | 18% | 31.83 | 100% |
| 2010 | 30.22 | 79% | 0.00 | 0% | 7.89 | 21% | 38.11 | 100% |
| 2011 | 30.72 | 79% | 0.00 | 0% | 8.28 | 21% | 39.01 | 100% |
| 2012 | 24.97 | 75% | 0.00 | 0% | 8.15 | 25% | 33.12 | 100% |
| 2013 | 24.59 | 75% | 0.00 | 0% | 8.41 | 25% | 32.99 | 100% |
| 2014 | 23.24 | 72% | 0.00 | 0% | 8.90 | 28% | 32.14 | 100% |
| 2015 | 22.86 | 65% | 2.97 | 8% | 9.61 | 27% | 35.44 | 100% |
| 2016 | 27.55 | 65% | 6.91 | 16% | 7.86 | 19% | 42.32 | 100% |
| 2017 | 38.03 | 67% | 9.72 | 17% | 8.82 | 16% | 56.57 | 100% |
| 2018 | 44.29 | 65% | 13.48 | 20% | 10.57 | 15% | 68.33 | 100% |
| 2019 | 42.89 | 62% | 15.99 | 23% | 10.21 | 15% | 69.09 | 100% |
| 2020 | 28.02 | 57% | 11.81 | 24% | 9.55 | 19% | 49.38 | 100% |

SOURCE: Department of Resources, Queensland Treasury and unpublished ABS data



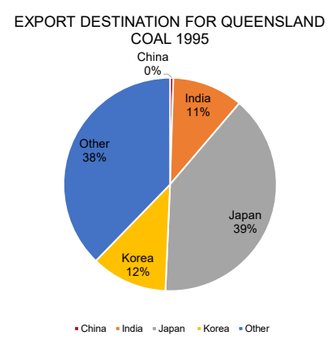



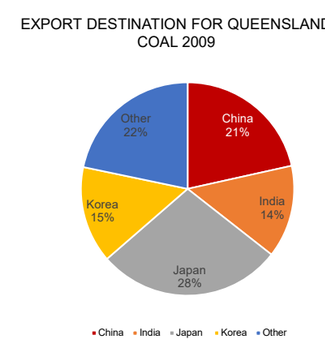

## COAL EXPORT DESTINATION

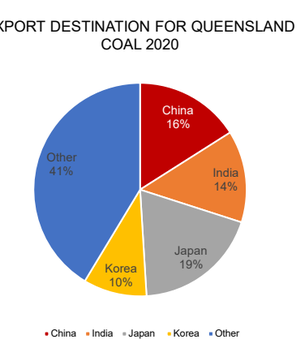
**Export destination of coal Annual volume of production**
(Millions of tonnes)

| YEAR | China | | India | | Japan | | Korea | | Other | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Milliosn of tonnes | Rank | Milliosn of tonnes | Rank | Milliosn of tonnes | Rank | Milliosn of tonnes | Rank | Milliosn of tonnes | Rank |
| 1995 | 0.40 | 5 | 8.51 | 4 | 31.33 | 1 | 9.18 | 3 | 29.94 | 2 |
| 1996 | 0.62 | 5 | 10.40 | 3 | 28.55 | 2 | 9.35 | 4 | 29.10 | 1 |
| 1997 | 0.30 | 5 | 9.17 | 4 | 33.26 | 2 | 9.22 | 3 | 35.07 | 1 |
| 1998 | 0.47 | 5 | 8.66 | 4 | 32.87 | 2 | 10.95 | 3 | 37.95 | 1 |
| 1999 | 0.72 | 5 | 8.35 | 4 | 38.06 | 2 | 11.71 | 3 | 42.26 | 1 |
| 2000 | 0.59 | 5 | 9.71 | 4 | 43.89 | 2 | 11.42 | 3 | 46.10 | 1 |
| 2001 | 0.25 | 5 | 9.55 | 4 | 48.47 | 1 | 15.03 | 3 | 46.24 | 2 |
| 2002 | 2.75 | 5 | 10.50 | 4 | 49.15 | 1 | 17.96 | 3 | 44.92 | 2 |
| 2003 | 3.09 | 5 | 11.58 | 4 | 50.37 | 1 | 20.93 | 3 | 48.66 | 2 |
| 2004 | 4.29 | 5 | 12.18 | 4 | 51.86 | 1 | 21.70 | 3 | 48.96 | 2 |
| 2005 | 4.18 | 5 | 13.95 | 4 | 54.98 | 1 | 19.94 | 3 | 51.17 | 2 |
| 2006 | 4.29 | 5 | 14.14 | 4 | 55.02 | 2 | 19.28 | 3 | 55.53 | 1 |
| 2007 | 1.97 | 5 | 16.97 | 4 | 57.20 | 2 | 18.22 | 3 | 59.25 | 1 |
| 2008 | 1.57 | 5 | 21.48 | 4 | 56.86 | 1 | 23.65 | 3 | 55.69 | 2 |
| 2009 | 48.69 | 3 | 31.75 | 5 | 63.53 | 1 | 33.21 | 4 | 49.09 | 2 |
| 2010 | 26.32 | 4 | 29.17 | 3 | 57.92 | 1 | 24.25 | 5 | 48.31 | 2 |
| 2011 | 19.02 | 5 | 25.68 | 3 | 46.13 | 1 | 21.99 | 4 | 40.34 | 2 |
| 2012 | 34.17 | 3 | 25.65 | 4 | 44.72 | 1 | 22.27 | 5 | 41.02 | 2 |
| 2013 | 48.16 | 2 | 27.66 | 4 | 49.48 | 1 | 24.04 | 5 | 46.73 | 3 |
| 2014 | 52.77 | 1 | 34.58 | 4 | 50.36 | 3 | 25.82 | 5 | 51.64 | 2 |
| 2015 | 46.93 | 3 | 32.59 | 4 | 50.95 | 2 | 28.07 | 5 | 60.27 | 1 |
| 2016 | 46.82 | 3 | 35.05 | 4 | 49.23 | 2 | 26.80 | 5 | 62.71 | 1 |
| 2017 | 58.88 | 1 | 36.53 | 4 | 44.09 | 3 | 24.83 | 5 | 46.12 | 2 |
| 2018 | 53.54 | 2 | 38.35 | 4 | 45.70 | 3 | 25.50 | 5 | 61.05 | 1 |
| 2019 | 38.83 | 3 | 31.95 | 4 | 41.62 | 2 | 22.75 | 5 | 87.02 | 1 |
| 2020 | 32.78 | 3 | 28.53 | 4 | 39.07 | 2 | 19.73 | 5 | 84.64 | 1 |

SOURCE: Department of Resources

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| Year | Thermal coal produced (millions of tonnes) | Thermal coal production exported (Millions of tonnes) | % exported | % for domestic use |
|---|---|---|---|---|
| 1995 | 40.54 | 26.94 | 66% | 34% |
| 1996 | 44.69 | 25.30 | 57% | 43% |
| 1997 | 46.49 | 28.22 | 61% | 39% |
| 1998 | 50.59 | 30.39 | 60% | 40% |
| 1999 | 54.66 | 32.58 | 60% | 40% |
| 2000 | 56.65 | 35.61 | 63% | 37% |
| 2001 | 62.48 | 34.85 | 56% | 44% |
| 2002 | 67.75 | 41.12 | 61% | 39% |
| 2003 | 69.69 | 44.30 | 64% | 36% |
| 2004 | 70.81 | 42.23 | 60% | 40% |
| 2005 | 70.55 | 39.93 | 57% | 43% |
| 2006 | 71.92 | 43.30 | 60% | 40% |
| 2007 | 68.63 | 41.05 | 60% | 40% |
| 2008 | 72.59 | 44.67 | 62% | 38% |
| 2009 | 82.12 | 75.00 | 91% | 9% |
| 2010 | 76.97 | 55.40 | 72% | 28% |
| 2011 | 68.42 | 44.02 | 64% | 36% |
| 2012 | 71.00 | 48.20 | 68% | 32% |
| 2013 | 72.28 | 53.73 | 74% | 26% |
| 2014 | 75.74 | 54.79 | 72% | 28% |
| 2015 | 79.73 | 58.31 | 73% | 27% |
| 2016 | 83.57 | 60.74 | 73% | 27% |
| 2017 | 84.48 | 58.78 | 70% | 30% |
| 2018 | 92.44 | 66.20 | 72% | 28% |
| 2019 | 88.62 | 62.81 | 71% | 29% |
| 2020 | 78.92 | 52.60 | 67% | 33% |
| 10 year average 2011-2020 | 79.52 | 56.02 | 70% | 30% |

Source: Department of Resources

70%

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## VALUE OF QUEENSLAND MERCHANDISE EXPORTS 2002-2020

$Billion

| Year | Metallurgical coal | Thermal coal | TOTAL COAL | LNG | Copper | Aluminium | Zinc | Lead | Other minerals | TOTAL MINERALS | TOTAL RESOURCES | Rural | Other | TOTAL MERCHANDISE EXPORTS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2002 | 5.47 | 1.98 | 8.45 | 0.00 | 0.99 | 1.44 | 0.68 | 0.43 | 0.50 | 4.00 | 12.45 | 3.13 | 4.55 | 22.13 |
| 2003 | 5.76 | 1.62 | 7.39 | 0.00 | 0.83 | 1.35 | 0.64 | 0.40 | 0.42 | 3.64 | 11.02 | 4.38 | 4.56 | 19.96 |
| 2004 | 6.72 | 2.02 | 8.74 | 0.00 | 0.96 | 1.55 | 0.60 | 0.64 | 0.44 | 4.18 | 12.92 | 5.38 | 4.54 | 22.84 |
| 2005 | 12.95 | 2.44 | 15.39 | 0.00 | 1.32 | 1.96 | 0.92 | 0.84 | 0.41 | 5.45 | 20.83 | 5.45 | 4.86 | 31.15 |
| 2006 | 14.58 | 2.58 | 17.16 | 0.00 | 2.03 | 2.61 | 1.12 | 0.89 | 0.51 | 7.16 | 24.32 | 5.79 | 5.21 | 35.32 |
| 2007 | 11.70 | 2.46 | 14.16 | 0.00 | 2.03 | 2.61 | 2.02 | 1.23 | 1.13 | 9.02 | 23.18 | 8.87 | 5.81 | 33.86 |
| 2008 | 27.43 | 4.91 | 32.35 | 0.00 | 2.59 | 2.87 | 1.08 | 1.01 | 0.90 | 8.26 | 40.60 | 5.96 | 5.76 | 52.33 |
| 2009 | 20.69 | 5.42 | 26.11 | 0.00 | 1.97 | 1.77 | 0.80 | 1.05 | 0.53 | 5.72 | 31.83 | 5.78 | 5.65 | 43.26 |
| 2010 | 25.62 | 4.61 | 30.22 | 0.00 | 2.36 | 2.19 | 1.20 | 1.43 | 0.70 | 7.89 | 38.11 | 5.71 | 6.29 | 50.11 |
| 2011 | 26.35 | 4.38 | 30.72 | 0.00 | 2.51 | 2.28 | 1.29 | 1.42 | 0.81 | 8.28 | 39.01 | 7.22 | 5.50 | 51.73 |
| 2012 | 20.46 | 4.51 | 24.97 | 0.00 | 2.32 | 2.29 | 1.13 | 1.45 | 0.96 | 8.15 | 33.12 | 7.51 | 5.93 | 46.55 |
| 2013 | 20.11 | 4.46 | 24.56 | 0.00 | 2.64 | 2.55 | 1.14 | 1.25 | 0.83 | 8.41 | 32.99 | 7.62 | 4.09 | 44.71 |
| 2014 | 19.12 | 4.12 | 23.24 | 0.00 | 2.87 | 2.78 | 1.52 | 1.07 | 0.86 | 8.90 | 32.14 | 8.25 | 3.71 | 44.11 |
| 2015 | 13.49 | 4.32 | 17.81 | 0.00 | 2.81 | 2.75 | 1.03 | 1.00 | 0.71 | 7.91 | 25.72 | 8.34 | 3.07 | 37.13 |
| 2016 | 13.23 | 4.32 | 27.55 | 6.91 | 2.95 | 3.08 | 1.03 | 1.00 | 0.71 | 7.86 | 42.32 | 9.08 | 3.89 | 55.29 |
| 2017 | 32.25 | 5.78 | 38.03 | 9.72 | 2.35 | 3.53 | 1.32 | 0.68 | 0.74 | 8.62 | 56.37 | 9.76 | 3.89 | 70.23 |
| 2018 | 37.00 | 7.28 | 44.28 | 13.48 | 2.43 | 4.57 | 1.92 | 0.84 | 0.81 | 10.57 | 68.33 | 9.45 | 4.38 | 82.16 |
| 2019 | 36.69 | 6.20 | 42.89 | 15.99 | 2.35 | 4.06 | 1.94 | 1.02 | 0.85 | 10.21 | 69.09 | 10.16 | 4.62 | 84.18 |
| 2020 | 23.82 | 4.19 | 28.02 | 11.81 | 2.15 | 3.60 | 1.63 | 1.19 | 0.78 | 9.35 | 49.38 | 8.75 | 4.58 | 62.70 |

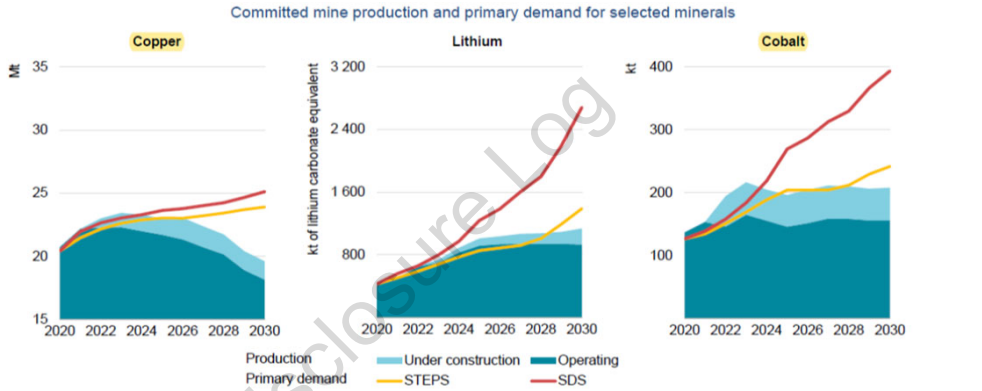
| | Metallurgical coal | Total Coal | % met share | Total resources exports | % met share | Total merchandise exports | % met share |
|---|---|---|---|---|---|---|---|
| 2002 | 5.47 | 8.45 | 77% | 12.45 | 52% | 22.14 | 29% |
| 2003 | 5.76 | 7.39 | 78% | 11.02 | 52% | 19.96 | 29% |
| 2004 | 6.72 | 8.74 | 77% | 12.92 | 52% | 22.84 | 29% |
| 2005 | 12.95 | 15.39 | 84% | 20.83 | 62% | 31.15 | 42% |
| 2006 | 14.20 | 16.82 | 84% | 24.89 | 57% | 36.34 | 39% |
| 2007 | 11.70 | 14.16 | 83% | 23.18 | 50% | 33.86 | 35% |
| 2008 | 27.43 | 32.35 | 85% | 40.60 | 68% | 52.33 | 52% |
| 2009 | 20.69 | 26.11 | 79% | 31.83 | 65% | 43.26 | 48% |
| 2010 | 25.62 | 30.22 | 85% | 38.11 | 67% | 50.11 | 51% |
| 2011 | 26.35 | 30.72 | 86% | 39.01 | 68% | 51.73 | 51% |
| 2012 | 20.46 | 24.97 | 82% | 33.12 | 62% | 46.55 | 44% |
| 2013 | 20.11 | 24.56 | 82% | 32.99 | 61% | 44.71 | 45% |
| 2014 | 19.12 | 23.24 | 82% | 32.14 | 59% | 44.11 | 43% |
| 2015 | 18.55 | 22.86 | 81% | 35.44 | 52% | 46.85 | 38% |
| 2016 | 23.23 | 27.55 | 84% | 42.32 | 55% | 55.29 | 42% |
| 2017 | 32.25 | 38.03 | 85% | 56.37 | 57% | 70.23 | 45% |
| 2018 | 37.00 | 44.28 | 84% | 68.33 | 54% | 82.16 | 45% |
| 2019 | 36.69 | 42.89 | 86% | 69.09 | 53% | 84.18 | 44% |
| 2020 | 23.82 | 28.02 | 82% | 49.38 | 48% | 62.70 | 38% |
| Average 2011-2020 | 25.76 | 30.71 | 84% | 45.84 | 57% | 59.05 | 44% |

## ORIGINAL DATA

| Month | Year | Metallurgical coal | Thermal coal | LNG | Copper | Aluminium | Zinc | Lead | Other minerals | Rural | Other |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2002 | 597.1 | 203.5 | 0.0 | 77.8 | 141.1 | 44.3 | 42.7 | 35.4 | 241.4 | 285.4 |
| 2 | 2002 | 513.1 | 199.8 | 0.0 | 77.5 | 112.5 | 37.8 | 38.9 | 49.0 | 324.9 | 282.8 |
| 3 | 2002 | 571.6 | 183.0 | 0.0 | 78.9 | 108.6 | 118.9 | 54.7 | 41.6 | 434.0 | 379.8 |
| 4 | 2002 | 540.3 | 171.3 | 0.0 | 64.9 | 129.2 | 40.8 | 34.8 | 40.8 | 395.3 | 312.8 |
| 5 | 2002 | 571.9 | 154.5 | 0.0 | 81.8 | 109.8 | 39.6 | 35.4 | 35.3 | 486.1 | 346.4 |
| 6 | 2002 | 571.5 | 194.3 | 0.0 | 80.9 | 96.9 | 35.4 | 35.3 | 53.2 | 486.1 | 346.4 |
| 7 | 2002 | 535.4 | 169.2 | 0.0 | 50.3 | 116.3 | 37.2 | 47.1 | 44.6 | 464.0 | 500.3 |
| 8 | 2002 | 550.6 | 145.3 | 0.0 | 57.0 | 125.5 | 70.2 | 27.5 | 48.9 | 494.5 | 491.7 |
| 9 | 2002 | 503.1 | 175.4 | 0.0 | 50.9 | 108.8 | 60.6 | 14.5 | 46.9 | 423.8 | 416.9 |
| 10 | 2002 | 462.3 | 151.0 | 0.0 | 61.6 | 137.9 | 26.6 | 29.5 | 38.5 | 531.2 | 486.5 |
| 11 | 2002 | 534.7 | 157.1 | 0.0 | 74.5 | 115.2 | 86.0 | 26.0 | 52.5 | 452.6 | 323.5 |
| 12 | 2002 | 563.1 | 152.4 | 0.0 | 60.5 | 122.7 | 53.5 | 46.5 | 49.9 | 420.0 | 386.5 |
| 1 | 2003 | 563.1 | 182.1 | 0.0 | 63.1 | 94.5 | 39.5 | 45.4 | 57.5 | 222.8 | 323.6 |
| 2 | 2003 | 514.1 | 151.5 | 0.0 | 76.0 | 111.3 | 41.6 | 33.2 | 36.9 | 374.4 | 419.7 |
| 3 | 2003 | 544.4 | 149.9 | 0.0 | 78.0 | 111.3 | 47.6 | 33.2 | 26.9 | 374.4 | 419.7 |
| 4 | 2003 | 529.4 | 123.1 | 0.0 | 76.6 | 110.5 | 73.4 | 21.3 | 19.1 | 338.5 | 330.1 |
| 5 | 2003 | 474.3 | 117.2 | 0.0 | 53.2 | 95.2 | 34.4 | 31.0 | 41.2 | 303.0 | 371.3 |
| 6 | 2003 | 535.6 | 121.3 | 0.0 | 78.7 | 110.1 | 83.0 | 49.2 | 46.8 | 370.9 | 335.0 |
| 7 | 2003 | 458.5 | 126.4 | 0.0 | 38.6 | 78.4 | 24.5 | 13.2 | 21.2 | 377.6 | 405.2 |
| 8 | 2003 | 436.2 | 128.2 | 0.0 | 44.9 | 142.4 | 65.9 | 19.3 | 25.8 | 378.4 | 449.9 |
| 9 | 2003 | 447.5 | 154.7 | 0.0 | 49.1 | 120.3 | 32.2 | 39.2 | 31.5 | 408.6 | 441.8 |
| 10 | 2003 | 460.5 | 154.3 | 0.0 | 96.9 | 103.8 | 30.4 | 21.3 | 41.1 | 396.5 | 410.5 |
| 11 | 2003 | 421.6 | 123.0 | 0.0 | 65.6 | 110.4 | 47.8 | 57.3 | 36.1 | 410.4 | 398.0 |
| 12 | 2003 | 413.2 | 125.8 | 0.0 | 88.5 | 126.7 | 112.0 | 37.2 | 44.9 | 371.6 | 390.5 |
| 1 | 2004 | 395.0 | 132.5 | 0.0 | 68.0 | 58.8 | 42.4 | 37.0 | 29.1 | 234.2 | 256.5 |
| 2 | 2004 | 345.4 | 117.0 | 0.0 | 51.2 | 112.3 | 25.0 | 31.4 | 25.7 | 346.5 | 308.6 |
| 3 | 2004 | 412.5 | 118.2 | 0.0 | 78.0 | 129.4 | 50.2 | 59.8 | 41.8 | 346.5 | 354.7 |
| 4 | 2004 | 524.0 | 150.0 | 0.0 | 73.1 | 140.0 | 62.3 | 56.7 | 26.6 | 386.0 | 367.1 |
| 5 | 2004 | 561.4 | 208.2 | 0.0 | 89.2 | 89.6 | 90.3 | 84.8 | 34.2 | 538.7 | 370.0 |
| 6 | 2004 | 572.4 | 194.6 | 0.0 | 84.8 | 119.7 | 41.9 | 46.2 | 43.1 | 551.5 | 349.2 |
| 7 | 2004 | 611.4 | 172.4 | 0.0 | 91.0 | 124.6 | 41.0 | 67.2 | 39.5 | 552.6 | 376.0 |
| 8 | 2004 | 592.9 | 161.2 | 0.0 | 86.9 | 150.1 | 35.8 | 73.4 | 43.1 | 530.3 | 413.2 |
| 9 | 2004 | 592.9 | 192.2 | 0.0 | 86.9 | 169.2 | 28.2 | 73.3 | 49.1 | 530.3 | 413.2 |
| 10 | 2004 | 673.5 | 193.0 | 0.0 | 118.4 | 136.6 | 47.2 | 51.7 | 39.4 | 489.9 | 511.4 |
| 11 | 2004 | 608.4 | 188.8 | 0.0 | 77.9 | 128.6 | 58.2 | 67.9 | 31.5 | 445.3 | 385.0 |
| 12 | 2004 | 714.0 | 163.7 | 0.0 | 45.1 | 172.4 | 55.4 | 30.0 | 50.0 | 425.6 | 420.0 |
| 1 | 2005 | 640.3 | 185.1 | 0.0 | 134.7 | 107.8 | 103.9 | 68.3 | 36.3 | 235.1 | 276.4 |
| 2 | 2005 | 651.8 | 167.4 | 0.0 | 54.0 | 138.1 | 41.5 | 13.3 | 118.8 | 348.9 | 278.5 |
| 3 | 2005 | 723.2 | 123.4 | 0.0 | 96.8 | 129.8 | 95.2 | 107.7 | 29.0 | 412.5 | 350.6 |
| 4 | 2005 | 1,086.2 | 203.3 | 0.0 | 81.0 | 219.2 | 67.4 | 36.1 | 38.8 | 423.3 | 366.0 |
| 5 | 2005 | 1,174.0 | 237.6 | 0.0 | 80.6 | 129.9 | 53.1 | 89.8 | 40.1 | 494.5 | 473.1 |
| 6 | 2005 | 1,176.7 | 237.9 | 0.0 | 85.5 | 125.0 | 53.1 | 89.8 | 39.9 | 506.7 | 449.2 |
| 7 | 2005 | 1,275.2 | 226.0 | 0.0 | 96.1 | 222.9 | 35.1 | 99.0 | 24.9 | 585.7 | 449.2 |
| 8 | 2005 | 1,158.7 | 233.2 | 0.0 | 91.6 | 136.8 | 71.2 | 97.5 | 27.1 | 511.5 | 422.4 |
| 9 | 2005 | 1,224.3 | 211.2 | 0.0 | 64.1 | 206.1 | 48.7 | 21.0 | 38.5 | 500.6 | 484.0 |
| 10 | 2005 | 1,317.8 | 235.9 | 0.0 | 149.0 | 130.9 | 91.2 | 51.6 | 21.3 | 489.4 | 441.4 |
| 11 | 2005 | 1,326.1 | 185.5 | 0.0 | 124.2 | 137.6 | 99.8 | 104.7 | 38.5 | 491.6 | 486.7 |
| 12 | 2005 | 1,139.3 | 208.1 | 0.0 | 192.0 | 248.4 | 126.3 | 114.3 | 55.2 | 481.4 | 419.0 |
| 1 | 2006 | 1,237.2 | 238.6 | 0.0 | 218.7 | 183.1 | 85.3 | 47.6 | 24.9 | 240.7 | 298.9 |
| 2 | 2006 | 1,089.4 | 190.0 | 0.0 | 168.4 | 183.7 | 138.5 | 85.1 | 38.2 | 359.4 | 410.2 |
| 3 | 2006 | 1,139.4 | 196.6 | 0.0 | 169.4 | 189.7 | 108.5 | 85.1 | 38.2 | 359.4 | 410.2 |
| 4 | 2006 | 1,216.1 | 272.7 | 0.0 | 139.7 | 277.9 | 192.2 | 76.6 | 27.9 | 423.3 | 487.2 |
| 5 | 2006 | 1,139.4 | 229.0 | 0.0 | 137.1 | 267.9 | 185.0 | 72.9 | 34.8 | 509.8 | 485.1 |
| 6 | 2006 | 1,266.1 | 259.1 | 0.0 | 228.7 | 197.9 | 243.3 | 58.3 | 91.3 | 498.6 | 426.8 |
| 7 | 2006 | 1,213.4 | 216.6 | 0.0 | 153.7 | 291.6 | 176.8 | 44.7 | 25.7 | 495.4 | 519.0 |
| 8 | 2006 | 1,255.0 | 194.1 | 0.0 | 158.8 | 208.3 | 187.5 | 107.5 | 41.2 | 514.8 | 594.5 |
| 9 | 2006 | 1,101.0 | 223.5 | 0.0 | 146.8 | 213.6 | 89.3 | 65.1 | 42.6 | 522.4 | 507.1 |
| 10 | 2006 | 1,045.7 | 204.2 | 0.0 | 189.6 | 212.8 | 268.6 | 129.2 | 76.9 | 527.4 | 527.2 |
| 11 | 2006 | 1,047.2 | 203.3 | 0.0 | 126.6 | 193.5 | 196.1 | 50.5 | 57.9 | 547.1 | 537.2 |
| 12 | 2006 | 1,145.7 | 205.5 | 0.0 | 165.0 | 230.9 | 196.7 | 90.8 | 57.9 | 547.1 | 537.2 |
| 1 | 2007 | 1,165.5 | 246.6 | 0.0 | 160.7 | 232.1 | 147.4 | 29.8 | 104.0 | 256.6 | 380.6 |
| 2 | 2007 | 909.5 | 198.8 | 0.0 | 137.9 | 182.8 | 138.8 | 139.0 | 46.3 | 371.4 | 396.6 |
| 3 | 2007 | 1,113.9 | 186.4 | 0.0 | 177.6 | 304.0 | 158.7 | 66.9 | 113.4 | 429.8 | 423.0 |
| 4 | 2007 | 1,010.6 | 230.7 | 0.0 | 220.5 | 144.0 | 248.4 | 88.2 | 140.9 | 389.6 | 438.1 |
| 5 | 2007 | 1,006.6 | 214.9 | 0.0 | 139.5 | 300.3 | 183.5 | 108.3 | 99.7 | 420.7 | 545.1 |
| 6 | 2007 | 972.8 | 222.4 | 0.0 | 135.1 | 176.5 | 135.1 | 72.8 | 105.3 | 431.4 | 513.2 |
| 7 | 2007 | 836.2 | 210.7 | 0.0 | 146.8 | 248.5 | 250.9 | 115.1 | 60.3 | 405.1 | 489.0 |
| 8 | 2007 | 978.3 | 189.9 | 0.0 | 194.5 | 237.5 | 197.2 | 55.7 | 53.8 | 421.6 | 474.0 |
| 9 | 2007 | 1,000.4 | 187.4 | 0.0 | 154.9 | 251.6 | 198.6 | 127.1 | 86.5 | 421.6 | 474.0 |
| 10 | 2007 | 919.0 | 187.5 | 0.0 | 55.6 | 166.6 | 127.7 | 85.5 | 57.1 | 375.9 | 544.1 |
| 11 | 2007 | 998.2 | 167.6 | 0.0 | 120.8 | 188.3 | 128.5 | 150.0 | 92.1 | 498.6 | 461.0 |
| 12 | 2007 | 919.3 | 235.7 | 0.0 | 339.2 | 182.4 | 134.7 | 196.4 | 150.9 | 489.9 | 418.4 |
| 1 | 2008 | 957.6 | 264.0 | 0.0 | 247.3 | 181.1 | 58.7 | 40.3 | 44.0 | 230.9 | 450.0 |
| 2 | 2008 | 635.7 | 185.1 | 0.0 | 220.5 | 156.7 | 68.9 | 51.2 | 28.6 | 341.6 | 344.7 |
| 3 | 2008 | 1,202.6 | 289.8 | 0.0 | 269.9 | 252.3 | 192.6 | 129.9 | 115.5 | 431.3 | 341.3 |
| 4 | 2008 | 1,202.6 | 288.0 | 0.0 | 224.1 | 184.9 | 107.8 | 67.1 | 94.1 | 496.6 | 422.0 |
| 5 | 2008 | 735.4 | 305.2 | 0.0 | 229.3 | 250.3 | 104.5 | 98.6 | 104.9 | 574.3 | 485.1 |
| 6 | 2008 | 3,172.8 | 408.6 | 0.0 | 242.2 | 189.1 | 83.8 | 24.6 | 48.5 | 544.8 | 543.0 |
| 7 | 2008 | 2,362.4 | 408.0 | 0.0 | 242.2 | 189.1 | 83.8 | 24.6 | 48.5 | 544.8 | 543.0 |
| 8 | 2008 | 3,197.0 | 402.1 | 0.0 | 205.9 | 242.2 | 103.1 | 146.1 | 51.2 | 507.7 | 623.7 |
| 9 | 2008 | 3,468.0 | 532.4 | 0.0 | 231.8 | 225.8 | 65.0 | 64.9 | 68.0 | 554.3 | 553.0 |
| 10 | 2008 | 3,870.4 | 677.5 | 0.0 | 171.4 | 315.4 | 65.4 | 125.2 | 68.9 | 633.9 | 677.3 |
| 11 | 2008 | 3,741.0 | 641.3 | 0.0 | 265.1 | 227.7 | 81.4 | 18.8 | 49.9 | 620.7 | 527.1 |
| 12 | 2008 | 2,919.2 | 658.9 | 0.0 | 143.7 | 242.1 | 71.9 | 119.2 | 106.1 | 536.0 | 437.1 |
| 1 | 2009 | 2,023.6 | 794.5 | 0.0 | 134.8 | 194.0 | 38.0 | 21.5 | 38.9 | 314.0 | 291.1 |
| 2 | 2009 | 2,355.9 | 563.0 | 0.0 | 93.1 | 146.0 | 43.5 | 57.6 | 57.6 | 476.0 | 375.1 |
| 3 | 2009 | 2,355.9 | 563.0 | 0.0 | 93.1 | 146.0 | 43.5 | 57.6 | 57.6 | 476.0 | 375.1 |
| 4 | 2009 | 2,083.9 | 436.3 | 0.0 | 70.9 | 145.6 | 96.5 | 96.8 | 34.5 | 461.8 | 435.0 |
| 5 | 2009 | 1,564.6 | 436.5 | 0.0 | 126.3 | 146.2 | 31.4 | 104.9 | 54.1 | 570.3 | 462.1 |
| 6 | 2009 | 1,541.8 | 483.5 | 0.0 | 208.7 | 155.1 | 95.2 | 121.8 | 57.3 | 560.3 | 526.0 |
| 7 | 2009 | 1,573.5 | 448.4 | 0.0 | 122.1 | 126.1 | 62.1 | 113.7 | 24.1 | 489.8 | 417.3 |
| 8 | 2009 | 1,459.2 | 394.5 | 0.0 | 118.7 | 142.7 | 83.8 | 102.1 | 34.3 | 541.3 | 503.6 |
| 9 | 2009 | 1,892.3 | 316.5 | 0.0 | 178.1 | 111.8 | 75.4 | 90.9 | 45.9 | 518.5 | 694.3 |
| 10 | 2009 | 1,417.1 | 374.6 | 0.0 | 153.6 | 182.6 | 93.6 | 107.4 | 36.3 | 471.1 | 552.9 |
| 11 | 2009 | 1,421.6 | 322.9 | 0.0 | 81.1 | 126.0 | 53.5 | 94.7 | 26.0 | 402.0 | 498.1 |
| 12 | 2009 | 1,215.5 | 343.2 | 0.0 | 120.4 | 121.3 | 53.5 | 94.7 | 26.0 | 402.0 | 498.1 |
| 1 | 2010 | 1,703.0 | 342.2 | 0.0 | 141.8 | 198.3 | 63.0 | 103.5 | 25.9 | 229.3 | 375.0 |
| 2 | 2010 | 1,268.6 | 266.6 | 0.0 | 110.4 | 110.3 | 101.5 | 84.1 | 46.0 | 320.1 | 486.2 |
| 3 | 2010 | 1,362.2 | 267.8 | 0.0 | 190.7 | 134.7 | 113.8 | 97.0 | 67.6 | 377.1 | 486.1 |
| 4 | 2010 | 2,031.4 | 328.8 | 0.0 | 229.0 | 230.9 | 110.0 | 164.1 | 56.8 | 413.5 | 547.6 |
| 5 | 2010 | 2,468.2 | 280.4 | 0.0 | 228.4 | 272.9 | 99.7 | 46.7 | 51.8 | 592.9 | 534.0 |
| 6 | 2010 | 2,808.3 | 497.3 | 0.0 | 170.4 | 157.9 | 105.2 | 214.4 | 75.7 | 628.2 | 442.6 |
| 7 | 2010 | 2,185.3 | 417.7 | 0.0 | 212.9 | 204.6 | 141.1 | 44.8 | 96.4 | 625.5 | 629.2 |
| 8 | 2010 | 2,891.0 | 468.6 | 0.0 | 155.4 | 174.1 | 93.8 | 168.2 | 35.7 | 620.7 | 573.3 |
| 9 | 2010 | 2,242.8 | 419.3 | 0.0 | 139.5 | 230.3 | 96.9 | 195.2 | 57.3 | 457.4 | 492.0 |
| 10 | 2010 | 2,242.8 | 419.3 | 0.0 | 139.5 | 230.3 | 96.9 | 195.2 | 57.3 | 457.4 | 492.0 |
| 11 | 2010 | 2,253.0 | 334.3 | 0.0 | 348.0 | 136.6 | 114.1 | 116.9 | 72.1 | 456.6 | 492.0 |
| 12 | 2010 | 2,020.0 | 362.9 | 0.0 | 242.6 | 192.0 | 72.6 | 135.4 | 78.1 | 487.5 | 501.7 |
| 1 | 2011 | 1,216.9 | 243.9 | 0.0 | 232.5 | 142.8 | 162.6 | 60.2 | 21.2 | 218.2 | 274.0 |
| 2 | 2011 | 1,215.5 | 185.8 | 0.0 | 209.8 | 191.3 | 46.8 | 77.9 | 47.1 | 438.3 | 305.3 |
| 3 | 2011 | 1,887.4 | 247.4 | 0.0 | 236.2 | 214.4 | 86.8 | 193.4 | 50.2 | 524.8 | 346.5 |
| 4 | 2011 | 1,977.8 | 365.5 | 0.0 | 191.5 | 147.6 | 188.6 | 142.4 | 55.8 | 550.5 | 364.0 |
| 5 | 2011 | 2,311.1 | 316.1 | 0.0 | 200.2 | 247.4 | 115.6 | 25.6 | 84.9 | 615.3 | 345.9 |
| 6 | 2011 | 2,211.5 | 426.8 | 0.0 | 230.2 | 174.5 | 186.7 | 127.1 | 58.8 | 746.4 | 377.4 |
| 7 | 2011 | 2,211.5 | 426.8 | 0.0 | 230.2 | 174.5 | 186.7 | 127.1 | 58.8 | 746.4 | 377.4 |
| 8 | 2011 | 2,719.8 | 396.1 | 0.0 | 186.7 | 178.9 | 93.7 | 168.9 | 76.1 | 747.3 | 649.2 |
| 9 | 2011 | 2,688.3 | 396.3 | 0.0 | 260.6 | 236.3 | 107.3 | 36.8 | 76.9 | 688.9 | 621.7 |
| 10 | 2011 | 2,502.5 | 470.3 | 0.0 | 137.7 | 193.7 | 146.8 | 87.1 | 75.0 | 672.0 | 592.2 |
| 11 | 2011 | 2,484.2 | 449.9 | 0.0 | 233.9 | 195.3 | 150.5 | 215.1 | 64.6 | 713.4 | 531.1 |
| 12 | 2011 | 2,505.5 | 484.4 | 0.0 | 287.7 | 198.4 | 63.7 | 111.2 | 73.9 | 635.7 | 515.1 |
| 1 | 2012 | 2,642.6 | 447.9 | 0.0 | 155.3 | 136.2 | 85.3 | 176.8 | 121.5 | 772.1 | 380.9 |
| 2 | 2012 | 2,642.6 | 447.9 | 0.0 | 155.3 | 136.2 | 85.3 | 176.8 | 121.5 | 772.1 | 380.9 |
| 3 | 2012 | 2,711.5 | 428.8 | 0.0 | 230.2 | 174.5 | 106.7 | 127.1 | 58.8 | 746.4 | 577.4 |
| 4 | 2012 | 2,719.8 | 396.1 | 0.0 | 186.7 | 178.9 | 93.7 | 168.9 | 76.1 | 747.3 | 649.2 |
| 5 | 2012 | 2,688.3 | 396.3 | 0.0 | 260.6 | 236.3 | 107.3 | 36.8 | 76.9 | 688.9 | 621.7 |
| 6 | 2012 | 2,502.5 | 470.3 | 0.0 | 137.7 | 193.7 | 146.8 | 87.1 | 75.0 | 672.0 | 592.2 |
| 7 | 2012 | 2,484.2 | 449.9 | 0.0 | 233.9 | 195.3 | 150.5 | 215.1 | 64.6 | 713.4 | 531.1 |
| 8 | 2012 | 2,505.5 | 484.4 | 0.0 | 287.7 | 198.4 | 63.7 | 111.2 | 73.9 | 635.7 | 515.1 |
| 9 | 2012 | 2,642.6 | 447.9 | 0.0 | 155.3 | 136.2 | 85.3 | 176.8 | 121.5 | 772.1 | 380.9 |
| 10 | 2012 | 2,711.5 | 428.8 | 0.0 | 230.2 | 174.5 | 106.7 | 127.1 | 58.8 | 746.4 | 577.4 |
| 11 | 2012 | 2,719.8 | 396.1 | 0.0 | 186.7 | 178.9 | 93.7 | 168.9 | 76.1 | 747.3 | 649.2 |
| 12 | 2012 | 2,688.3 | 396.3 | 0.0 | 260.6 | 236.3 | 107.3 | 36.8 | 76.9 | 688.9 | 621.7 |
| 1 | 2013 | 2,502.5 | 470.3 | 0.0 | 137.7 | 193.7 | 146.8 | 87.1 | 75.0 | 672.0 | 592.2 |
| 2 | 2013 | 2,484.2 | 449.9 | 0.0 | 233.9 | 195.3 | 150.5 | 215.1 | 64.6 | 713.4 | 531.1 |
| 3 | 2013 | 2,505.5 | 484.4 | 0.0 | 287.7 | 198.4 | 63.7 | 111.2 | 73.9 | 635.7 | 515.1 |
| 4 | 2013 | 2,642.6 | 447.9 | 0.0 | 155.3 | 136.2 | 85.3 | 176.8 | 121.5 | 772.1 | 380.9 |
| 5 | 2013 | 2,711.5 | 428.8 | 0.0 | 230.2 | 174.5 | 106.7 | 127.1 | 58.8 | 746.4 | 577.4 |
| 6 | 2013 | 2,719.8 | 396.1 | 0.0 | 186.7 | 178.9 | 93.7 | 168.9 | 76.1 | 747.3 | 649.2 |
| 7 | 2013 | 2,688.3 | 396.3 | 0.0 | 260.6 | 236.3 | 107.3 | 36.8 | 76.9 | 688.9 | 621.7 |
| 8 | 2013 | 2,502.5 | 470.3 | 0.0 | 137.7 | 193.7 | 146.8 | 87.1 | 75.0 | 672.0 | 592.2 |
| 9 | 2013 | 2,484.2 | 449.9 | 0.0 | 233.9 | 195.3 | 150.5 | 215.1 | 64.6 | 713.4 | 531.1 |
| 10 | 2013 | 2,505.5 | 484.4 | 0.0 | 287.7 | 198.4 | 63.7 | 111.2 | 73.9 | 635.7 | 515.1 |
| 11 | 2013 | 2,642.6 | 447.9 | 0.0 | 155.3 | 136.2 | 85.3 | 176.8 | 121.5 | 772.1 | 380.9 |
| 12 | 2013 | 2,711.5 | 428.8 | 0.0 | 230.2 | 174.5 | 106.7 | 127.1 | 58.8 | 746.4 | 577.4 |
| 1 | 2014 | 2,719.8 | 396.1 | 0.0 | 186.7 | 178.9 | 93.7 | 168.9 | 76.1 | 747.3 | 649.2 |
| 2 | 2014 | 2,688.3 | 396.3 | 0.0 | 260.6 | 236.3 | 107.3 | 36.8 | 76.9 | 688.9 | 621.7 |
| 3 | 2014 | 2,502.5 | 470.3 | 0.0 | 137.7 | 193.7 | 146.8 | 87.1 | 75.0 | 672.0 | 592.2 |
| 4 | 2014 | 2,484.2 | 449.9 | 0.0 | 233.9 | 195.3 | 150.5 | 215.1 | 64.6 | 713.4 | 531.1 |
| 5 | 2014 | 2,505.5 | 484.4 | 0.0 | 287.7 | 198.4 | 63.7 | 111.2 | 73.9 | 635.7 | 515.1 |
| 6 | 2014 | 2,642.6 | 447.9 | 0.0 | 155.3 | 136.2 | 85.3 | 176.8 | 121.5 | 772.1 | 380.9 |
| 7 | 2014 | 2,711.5 | 428.8 | 0.0 | 230.2 | 174.5 | 106.7 | 127.1 | 58.8 | 746.4 | 577.4 |
| 8 | 2014 | 2,719.8 | 396.1 | 0.0 | 186.7 | 178.9 | 93.7 | 168.9 | 76.1 | 747.3 | 649.2 |
| 9 | 2014 | 2,688.3 | 396.3 | 0.0 | 260.6 | 236.3 | 107.3 | 36.8 | 76.9 | 688.9 | 621.7 |
| 10 | 2014 | 2,502.5 | 470.3 | 0.0 | 137.7 | 193.7 | 146.8 | 87.1 | 75.0 | 672.0 | 592.2 |
| 11 | 2014 | 2,484.2 | 449.9 | 0.0 | 233.9 | 195.3 | 150.5 | 215.1 | 64.6 | 713.4 | 531.1 |
| 12 | 2014 | 2,505.5 | 484.4 | 0.0 | 287.7 | 198.4 | 63.7 | 111.2 | 73.9 | 635.7 | 515.1 |
| 1 | 2015 | 2,642.6 | 447.9 | 0.0 | 155.3 | 136.2 | 85.3 | 176.8 | 121.5 | 772.1 | 380.9 |
| 2 | 2015 | 2,711.5 | 428.8 | 0.0 | 230.2 | 174.5 | 106.7 | 127.1 | 58.8 | 746.4 | 577.4 |
| 3 | 2015 | 2,719.8 | 396.1 | 0.0 | 186.7 | 178.9 | 93.7 | 168.9 | 76.1 | 747.3 | 649.2 |
| 4 | 2015 | 2,688.3 | 396.3 | 0.0 | 260.6 | 236.3 | 107.3 | 36.8 | 76.9 | 688.9 | 621.7 |
| 5 | 2015 | 2,502.5 | 470.3 | 0.0 | 137.7 | 193.7 | 146.8 | 87.1 | 75.0 | 672.0 | 592.2 |
| 6 | 2015 | 2,484.2 | 449.9 | 0.0 | 233.9 | 195.3 | 150.5 | 215.1 | 64.6 | 713.4 | 531.1 |
| 7 | 2015 | 2,505.5 | 484.4 | 0.0 | 287.7 | 198.4 | 63.7 | 111.2 | 73.9 | 635.7 | 515.1 |
| 8 | 2015 | 2,642.6 | 447.9 | 0.0 | 155.3 | 136.2 | 85.3 | 176.8 | 121.5 | 772.1 | 380.9 |
| 9 | 2015 | 2,711.5 | 428.8 | 0.0 | 230.2 | 174.5 | 106.7 | 127.1 | 58.8 | 746.4 | 577.4 |
| 10 | 2015 | 2,719.8 | 396.1 | 0.0 | 186.7 | 178.9 | 93.7 | 168.9 | 76.1 | 747.3 | 649.2 |
| 11 | 2015 | 2,688.3 | 396.3 | 0.0 | 260.6 | 236.3 | 107.3 | 36.8 | 76.9 | 688.9 | 621.7 |
| 12 | 2015 | 2,502.5 | 470.3 | 0.0 | 137.7 | 193.7 | 146.8 | 87.1 | 75.0 | 672.0 | 592.2 |
| 1 | 2016 | 2,484.2 | 449.9 | 0.0 | 233.9 | 195.3 | 150.5 | 215.1 | 64.6 | 713.4 | 531.1 |
| 2 | 2016 | 2,505.5 | 484.4 | 0.0 | 287.7 | 198.4 | 63.7 | 111.2 | 73.9 | 635.7 | 515.1 |
| 3 | 2016 | 2,642.6 | 447.9 | 0.0 | 155.3 | 136.2 | 85.3 | 176.8 | 121.5 | 772.1 | 380.9 |
| 4 | 2016 | 2,711.5 | 428.8 | 0.0 | 230.2 | 174.5 | 106.7 | 127.1 | 58.8 | 746.4 | 577.4 |
| 5 | 2016 | 2,719.8 | 396.1 | 0.0 | 186.7 | 178.9 | 93.7 | 168.9 | 76.1 | 747.3 | 649.2 |
| 6 | 2016 | 2,688.3 | 396.3 | 0.0 | 260.6 | 236.3 | 107.3 | 36.8 | 76.9 | 688.9 | 621.7 |
| 7 | 2016 | 2,502.5 | 470.3 | 0.0 | 137.7 | 193.7 | 146.8 | 87.1 | 75.0 | 672.0 | 592.2 |
| 8 | 2016 | 2,484.2 | 449.9 | 0.0 | 233.9 | 195.3 | 150.5 | 215.1 | 64.6 | 713.4 | 531.1 |
| 9 | 2016 | 2,505.5 | 484.4 | 0.0 | 287.7 | 198.4 | 63.7 | 111.2 | 73.9 | 635.7 | 515.1 |
| 10 | 2016 | 2,642.6 | 447.9 | 0.0 | 155.3 | 136.2 | 85.3 | 176.8 | 121.5 | 772.1 | 380.9 |
| 11 | 2016 | 2,711.5 | 428.8 | 0.0 | 230.2 | 174.5 | 106.7 | 127.1 | 58.8 | 746.4 | 577.4 |
| 12 | 2016 | 2,719.8 | 396.1 | 0.0 | 186.7 | 178.9 | 93.7 | 168.9 | 76.1 | 747.3 | 649.2 |
| 1 | 2017 | 2,688.3 | 396

| | Copper (mt) | Cobalt (kt) |
|---|---|---|
| Estimated demand in 2030 under SDS | 25 | 400 |
| Estimated supply in 2030 from existing and planned mines | 20 | 200 |
| *% difference in terms of growth* | 25% | 100% |
| *% diference in absolute terms* | 125% | 200% |

Source: IEA (2020) The Role of Critical Minerals in Clean Energy Transition, page 119 and applies to the IEA's sustainable development scenario in which the world reaches NZE by 2050 and limits global warming to 1.5C.

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Notes: Primary demand is total demand net of recycled volume (also called primary supply requirements). Projected production profiles are sourced from the S&P Global Market Intelligence database with adjustments to unspecified volumes. Operating projects include the expansion of existing mines. Under-construction projects include those for which the development stage is indicated as commissioning, construction planned, construction started or preproduction. Mt = million tonnes.

Source: IEA analysis based on S&P Global (2021).

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| | Estimated Contrated gas (PJ)[1] | Estimated supplies of gas (PJ)[2] | | |
|---|---|---|---|---|
| | | 1P | 2P | 2C |
| APLNG | 9,423 | 7,348 | 11,339 | 3,602 |
| QCLNG | 9,534 | n/a | 4,986 | 4,252 |
| GLNG | 7,760 | 2,778 | 5,383 | 4,788 |
| TOTAL | 26,717 | 10,126 | 21,708 | 12,642 |

NOTES:
1. Estimates obtained from Ledesma, D., Palmer, N., and Henderson, J. (2014) The future of Australian LNG exports: will domestic challenges limit the development of future LNG export capacity? (Oxford Institute for Energy Studies:
2. Obtrained from EnergyQuest (2020) EnergyQuarterly September 2021

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