

Coal price and FX market forecasts

June/July 2021

Overview

This bulletin provides a summary of coal price forecasts (hard coking coal, PCI, semi-soft coking coal and Newcastle benchmark thermal coal) and AUD:USD exchange rate forecasts as at June/July 2021. These have been sourced from various research databases and broker reports (the Contributors), and are presented on a 31 December year end basis. Where available, we have included the Contributors' long-term price forecasts. We have also included the average and median forecasts presented in our previous bulletin (March/April 2021).

All coal price forecasts, other than long term, are presented in nominal USD per metric tonne, free on board terms. The long term prices are in real current (2021) USD per metric tonne, free on board terms. Where applicable, we have made the following adjustments to certain coal price forecasts:

- Where Contributors have expressed coal price forecasts in real terms over the explicit forecast period, we have converted into nominal terms using a high level inflation assumption of 2.5 percent per annum.
- Where long term coal price forecasts have been expressed in nominal terms, we have converted into real current (2021) terms using a high level inflation assumption of 2.5 percent per annum.
- Where coal prices have been expressed in Australian Fiscal Year (1 July to 30 June) terms (FY) we have adjusted the forecast prices to be consistent with calendar year terms (CY), by adding 50 percent of the current FY forecast (1 July to 31 December) and 50 percent of the prior year's FY forecast (1 January to 30 June).
- Where coal prices have been expressed in Japanese Fiscal Year (1 April to 31 March) terms (JFY) we have adjusted the forecast prices to be consistent with CY terms, by adding 75 percent of the current JFY forecast (1 April to 31 December) and 25 percent of the prior year's JFY forecast (1 January to 31 March).

With regards to Newcastle benchmark thermal coal, we note that some of the Contributors forecast spot prices while some forecast contract prices. We have not distinguished between these in the bulletin.

While we recognise there are differing hard coking coal specifications, we note that the Contributors commonly do not differentiate between grades of hard coking coal in their forecasts. Accordingly, we do not distinguish between grades of hard coking coal in the bulletin.

The names of the Contributors have not been provided and have been presented as "Contributor [Number]". We note that not all Contributors have provided AUD:USD rate forecasts or coal price forecasts for each forecast year, and not all Contributors have provided forecasts for each coal type.

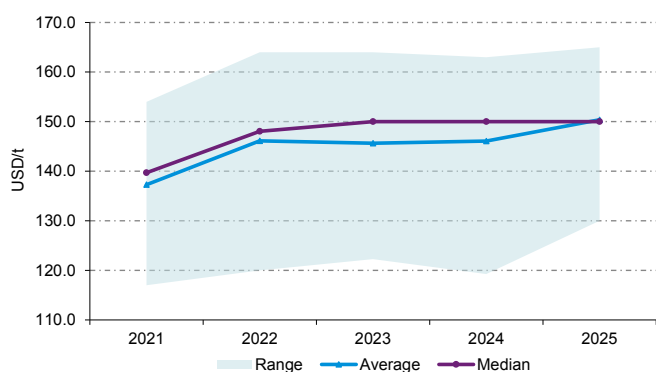
The forecast data presented in this report represents an unbiased summary of commodity price and exchange rate forecasts, based on the views of individual economic commentators and broking houses. It is not necessarily reflective of either KPMG's views on coal price or exchange rate forecasts, or our preferred approach in determining forecast coal prices and forecast exchange rates.

This analysis is provided to you on an information only basis and if you wish to rely on this analysis or any part thereof you do so entirely at your own risk.

This bulletin makes reference to 'KPMG Analysis'. This indicates only that we have (where specified) undertaken certain analytical activities on the underlying data to arrive at the information presented.

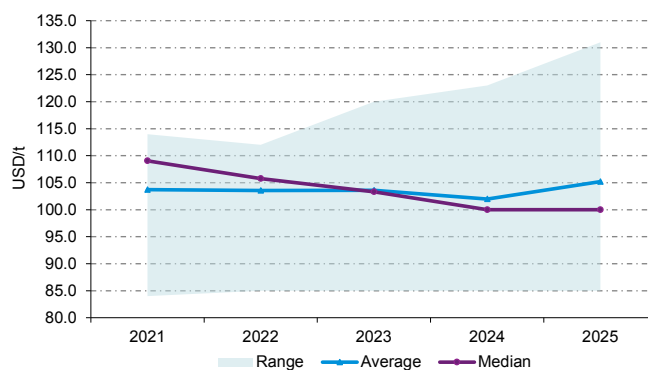
Hard coking coal price forecasts

The hard coking coal price forecasts are summarised below:



Low and ultra-low volatile PCI coal price forecasts

The low and ultra-low volatile PCI coal price forecasts are summarised below:



Hard coking coal (USD/t Nominal)

Year ended 31 December	Reporting date	2021	2022	2023	2024	2025	LT (2021)
Contributor 2	9-Jul-21	146.0	158.0	158.0	n/a	n/a	140.0
Contributor 4	9-Jul-21	138.4	131.3	122.3	119.3	n/a	n/a
Contributor 6	8-Jul-21	152.0	150.0	n/a	n/a	n/a	150.0
Contributor 7	6-Jul-21	141.0	155.0	n/a	n/a	n/a	n/a
Contributor 8	6-Jul-21	149.0	151.0	164.0	163.0	163.0	143.0
Contributor 9	1-Jul-21	137.0	146.0	146.0	144.0	145.0	131.9
Contributor 10	1-Jul-21	130.0	145.0	n/a	n/a	n/a	130.0
Contributor 11	30-Jun-21	154.0	160.0	155.0	150.0	150.0	150.0
Contributor 12	30-Jun-21	140.0	145.0	150.0	150.0	150.0	122.3
Contributor 13	30-Jun-21	143.0	164.0	157.0	n/a	n/a	n/a
Contributor 14	29-Jun-21	144.0	150.0	140.0	n/a	n/a	n/a
Contributor 15	27-Jun-21	127.6	148.6	152.3	150.8	n/a	140.0
Contributor 16	25-Jun-21	124.0	130.0	133.0	140.0	150.0	150.0
Contributor 17	23-Jun-21	117.0	120.0	125.0	n/a	n/a	140.0
Contributor 18	22-Jun-21	133.6	146.5	148.0	n/a	n/a	n/a
Contributor 19	22-Jun-21	121.0	145.0	155.0	160.0	165.0	160.0
Contributor 20	22-Jun-21	139.4	150.0	150.0	150.0	150.0	150.0
Contributor 21	22-Jun-21	141.0	150.0	150.0	150.0	n/a	150.0
Contributor 23	9-Jun-21	142.5	147.5	140.0	n/a	n/a	140.0
Contributor 24	7-Jun-21	125.0	130.0	130.0	130.0	130.0	112.0
Low		117.0	120.0	122.3	119.3	130.0	112.0
High		154.0	164.0	164.0	163.0	165.0	160.0
Average		137.3	146.1	145.6	146.1	150.4	140.6
Median		139.7	148.1	150.0	150.0	150.0	140.0
Previous bulletin (Mar/Apr21)							
Average		134.8	144.7	146.4	147.8	150.7	137.6
Median		135.6	145.5	150.0	150.0	150.0	140.0

Source: Thomson Research, the Contributors, KPMG Analysis
n/a: forecast not available

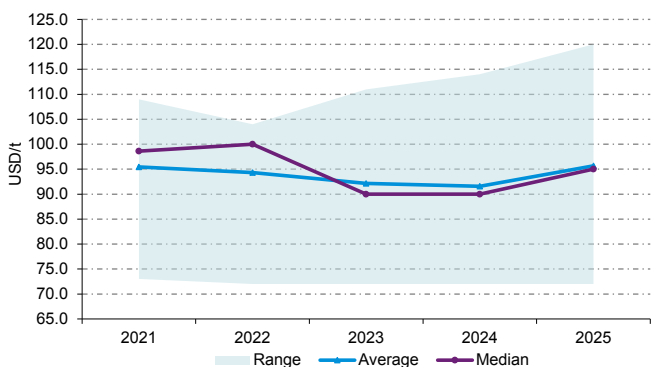
Low and ultra-low volatile PCI coal (USD/t Nominal)

Year ended 31 December	Reporting date	2021	2022	2023	2024	2025	LT (2021)
Contributor 4	9-Jul-21	111.1	107.5	95.0	91.3	n/a	n/a
Contributor 9	1-Jul-21	110.0	112.0	111.0	109.0	110.0	98.3
Contributor 12	30-Jun-21	112.0	100.0	100.0	100.0	100.0	86.1
Contributor 15	27-Jun-21	89.3	104.0	106.6	105.5	n/a	98.0
Contributor 19	22-Jun-21	101.0	112.0	120.0	123.0	131.0	120.0
Contributor 20	22-Jun-21	108.1	100.0	100.0	100.0	100.0	100.0
Contributor 23	9-Jun-21	114.0	108.0	111.0	n/a	n/a	n/a
Contributor 24	7-Jun-21	84.0	85.0	85.0	85.0	85.0	73.0
Low		84.0	85.0	85.0	85.0	85.0	73.0
High		114.0	112.0	120.0	123.0	131.0	120.0
Average		103.7	103.6	103.6	102.0	105.2	95.9
Median		109.0	105.8	103.3	100.0	100.0	98.2
Previous bulletin (Mar/Apr21)							
Average		100.5	101.9	102.3	101.3	98.8	96.8
Median		103.1	102.0	103.3	100.0	100.0	98.6

Source: Thomson Research, the Contributors, KPMG Analysis
n/a: forecast not available

Semi-soft coking coal price forecasts

The semi-soft coking coal price forecasts are summarised below:



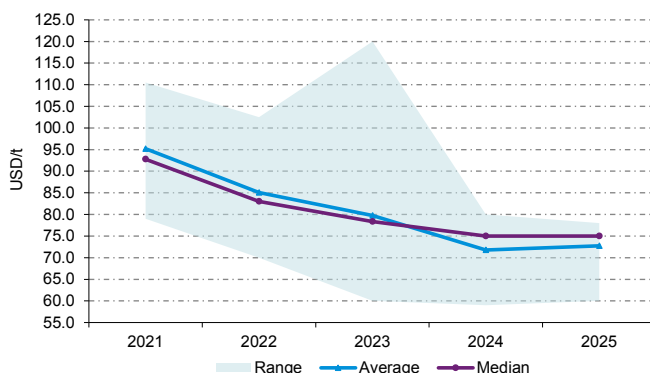
Semi-soft coking coal (USD/t Nominal)

Year ended 31 December	Reporting date	2021	2022	2023	2024	2025	LT (2021)
Contributor 4	9-Jul-21	103.6	100.0	88.3	85.0	n/a	n/a
Contributor 7	6-Jul-21	94.0	104.0	n/a	n/a	n/a	n/a
Contributor 9	1-Jul-21	102.0	103.0	103.0	100.0	102.0	92.3
Contributor 12	30-Jun-21	102.0	90.0	90.0	90.0	90.0	72.5
Contributor 16	25-Jun-21	83.0	85.0	83.0	90.0	100.0	90.6
Contributor 19	22-Jun-21	94.0	103.0	111.0	114.0	120.0	105.0
Contributor 20	22-Jun-21	98.6	90.0	90.0	90.0	90.0	90.0
Contributor 23	9-Jun-21	109.0	102.0	100.0	n/a	n/a	n/a
Contributor 24	7-Jun-21	73.0	72.0	72.0	72.0	72.0	62.0
Low		73.0	72.0	72.0	72.0	72.0	62.0
High		109.0	104.0	111.0	114.0	120.0	105.0
Average		95.5	94.3	92.2	91.6	95.7	85.4
Median		98.6	100.0	90.0	90.0	95.0	90.3
Previous bulletin (Mar/Apr21)							
Average		92.8	93.7	93.8	92.2	87.3	90.7
Median		93.3	91.0	93.0	90.0	87.5	91.9

Source: Thomson Research, the Contributors, KPMG Analysis
n/a: forecast not available

Newcastle benchmark thermal coal price forecasts

The Newcastle benchmark thermal coal price forecasts are summarised below:



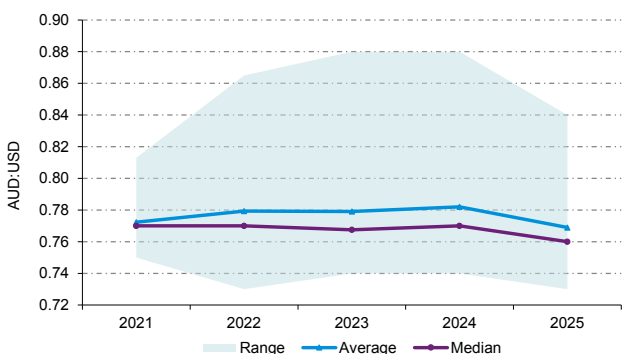
Newcastle thermal coal (USD/t Nominal)

Year ended 31 December	Reporting date	2021	2022	2023	2024	2025	LT (2021)
Contributor 2	9-Jul-21	104.0	93.0	84.0	n/a	n/a	67.0
Contributor 4	9-Jul-21	110.5	98.0	81.8	77.0	n/a	n/a
Contributor 6	8-Jul-21	101.0	80.0	n/a	n/a	n/a	65.0
Contributor 8	6-Jul-21	104.0	83.0	70.0	71.0	74.0	65.0
Contributor 9	1-Jul-21	104.0	90.0	75.0	75.0	76.0	68.1
Contributor 10	1-Jul-21	82.0	80.0	n/a	n/a	n/a	64.0
Contributor 11	30-Jun-21	109.0	100.0	90.0	80.0	75.0	70.0
Contributor 12	30-Jun-21	101.0	93.0	83.0	76.0	78.0	63.4
Contributor 13	30-Jun-21	90.0	74.0	68.0	n/a	n/a	n/a
Contributor 14	29-Jun-21	100.7	93.0	86.9	n/a	n/a	n/a
Contributor 16	25-Jun-21	91.0	74.0	60.0	59.0	60.0	54.4
Contributor 17	23-Jun-21	85.0	75.0	75.0	n/a	n/a	75.0
Contributor 18	22-Jun-21	94.5	102.5	120.0	n/a	n/a	n/a
Contributor 19	22-Jun-21	79.0	70.0	65.0	65.0	76.0	75.0
Contributor 20	22-Jun-21	90.6	90.0	85.0	75.0	75.0	65.0
Contributor 22	16-Jun-21	90.1	76.5	n/a	n/a	n/a	n/a
Contributor 23	9-Jun-21	90.1	76.5	n/a	n/a	n/a	70.0
Contributor 24	7-Jun-21	87.0	83.0	73.0	68.0	68.0	58.0
Low		79.0	70.0	60.0	59.0	60.0	54.4
High		110.5	102.5	120.0	80.0	78.0	75.0
Average		95.2	85.1	79.8	71.8	72.8	66.1
Median		92.8	83.0	78.4	75.0	75.0	65.0
Previous bulletin (Mar/Apr21)							
Average		78.8	75.0	71.8	71.2	71.8	68.0
Median		78.0	73.0	73.0	72.4	75.0	70.0

Source: Thomson Research, the Contributors, KPMG Analysis
n/a: forecast not available

Forecast AUD:USD exchange rates

Forecast AUD:USD exchange rates are summarised below:



AUD:USD exchange rate (Nominal)

Year ended 31 December	Reporting date	2021	2022	2023	2024	2025	LT (2021)
Contributor 1	14-Jul-21	0.76	0.74	0.75	0.76	0.78	n/a
Contributor 2	9-Jul-21	0.76	0.74	0.74	n/a	n/a	0.74
Contributor 3	9-Jul-21	0.80	0.82	0.77	n/a	n/a	n/a
Contributor 4	9-Jul-21	0.78	0.84	0.81	0.77	n/a	n/a
Contributor 5	8-Jul-21	0.75	0.76	0.76	n/a	n/a	n/a
Contributor 6	8-Jul-21	0.76	0.75	n/a	n/a	n/a	0.75
Contributor 8	6-Jul-21	0.76	0.75	0.78	0.78	0.78	0.78
Contributor 9	22-Jun-21	0.77	0.77	0.75	0.74	0.73	0.72
Contributor 10	24-Jun-21	0.78	0.80	n/a	n/a	n/a	n/a
Contributor 12	30-Jun-21	0.77	0.77	0.76	0.76	0.75	0.75
Contributor 13	30-Jun-21	0.78	0.79	0.78	n/a	n/a	n/a
Contributor 14	11-Jul-21	0.77	0.77	n/a	n/a	n/a	0.75
Contributor 15	27-Jun-21	0.81	0.87	0.88	0.88	n/a	0.88
Contributor 16	25-Jun-21	0.78	0.80	0.79	0.77	0.76	0.76
Contributor 18	22-Jun-21	0.78	0.82	0.82	n/a	n/a	n/a
Contributor 19	22-Jun-21	0.77	0.75	0.75	0.75	0.75	0.75
Contributor 20	22-Jun-21	0.76	0.74	0.74	0.74	0.75	0.75
Contributor 21	8-Jun-21	0.78	0.82	0.84	0.86	0.84	n/a
Contributor 22	1-Jul-21	0.77	0.77	0.79	0.79	0.78	n/a
Contributor 23	9-Jun-21	0.76	0.73	0.74	n/a	n/a	0.74
Low		0.75	0.73	0.74	0.74	0.73	0.72
High		0.81	0.87	0.88	0.88	0.84	0.88
Average		0.77	0.78	0.78	0.78	0.77	0.76
Median		0.77	0.77	0.77	0.77	0.76	0.75
Previous bulletin (Mar/Apr21)							
Average		0.78	0.78	0.77	0.77	0.76	0.76
Median		0.78	0.77	0.76	0.75	0.75	0.75

Source: Thomson Research, the Contributors, KPMG Analysis
n/a: forecast not available

Recent KPMG thought leadership: a focus on risk



Australian Mining Risk Forecast 2021/2022

After a tumultuous 12 months, the report reveals a mining sector looking forward with cautious confidence. Commodity price risk was again in first place as the top risk in this year's forecast, with community relations/social licence to operate close behind. Overall, the sector risks have changed since last year, with 3 new ones appearing in the Top 10.

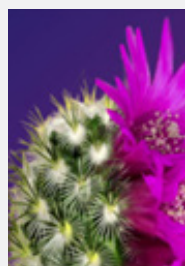
Read the full report [here](#)



Cyber risks haunt the energy and natural resources sector

The adoption of embedded technology across the Energy and Natural Resources sector has brought improvements in productivity availability but has potentially exposed the industry to cyber security threats. With the experts saying it's a not matter of 'if' but 'when', mining firms need to take proactive steps to ensure safety of their systems and assets.

Read the full article [here](#)



Managing risk for sustainable growth

Risk can be a value creation function when its management is integrated into the whole business. Organisations need to look at modernising risk through tech-enabled solutions. KPMG's Powered Risk is designed to support the risk transformation your business needs to answer market and regulatory challenges, at a pace that can enable rather than hinder your business.

Read the full story [here](#)

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