Appendix

A.1 Methodology and key assumptions

Commodity classifications

In this report, exports for each commodity are defined by a selected set of 8-digit Australian Harmonised Export Commodity Classification (AHECC) codes. Where possible, the choice of AHECC codes is based on alignment with international trade data, to ensure that direct comparisons can be made. For example, groupings for various commodities are aligned classifications used by the International Energy Agency, World Steel Association, International Nickel Study Group, International Lead and Zinc Study Group, International Copper Study Group and World Bureau of Metal Statistics.

In this report, benchmark prices and Australian production and exports are forecast for 21 commodities, as shown in Table A1 below. In estimating a total for Australia's resources and energy exports, the remaining commodities, defined as 'other resources' and 'other energy', are forecast as a group.

Value and price

In this report, all value and price data (unless otherwise specified) is in nominal Australian or US dollars.

If the real value or price is specified (mostly in the tables), the conversion from nominal to real dollars is based on the Australian and US consumer price indices.

Prices in future years are based on the median of economic forecasters at the time that this report was prepared. The source for this is Bloomberg's survey of economic forecasters.

Exchange rates

In this report, the exchange rate forecasts for the Australian/US dollar is based on the median of economic forecasters at the time that this report was prepared. The source for this is Bloomberg's survey of economic forecasters.

Table A1: Resources and energy commodities groupings and definitions

	Resources (non-energy)	Energy
Definition	Resource commodities are non-energy minerals and semi-manufactured products produced from non-energy minerals	Energy commodities are minerals and petroleum products that are typically used for power generation
Australian Harmonised Export Commodity Classification (AHECC) chapters	25 (part); 26 (part); 28 (part); 31 (part); 73 (part); 74; 75; 76; 78; 79; 80; 81	27 (part)
Commodities for which data is published, forecasts are made and analysed in detail in this report	Aluminium; alumina; bauxite; copper; gold; iron ore; crude steel; nickel; zinc	Crude oil and petroleum products; LNG; metallurgical coal; thermal coal; uranium
Commodities for which data is published, and forecasts are made	Lead; silver; tin; salt; diamonds; other resources	Other energy

Notes: The AHECC chapter is the first two digits of the trade code. Groupings are made at the 8-digit level.

Source: Department of Industry, Innovation and Science (2017)