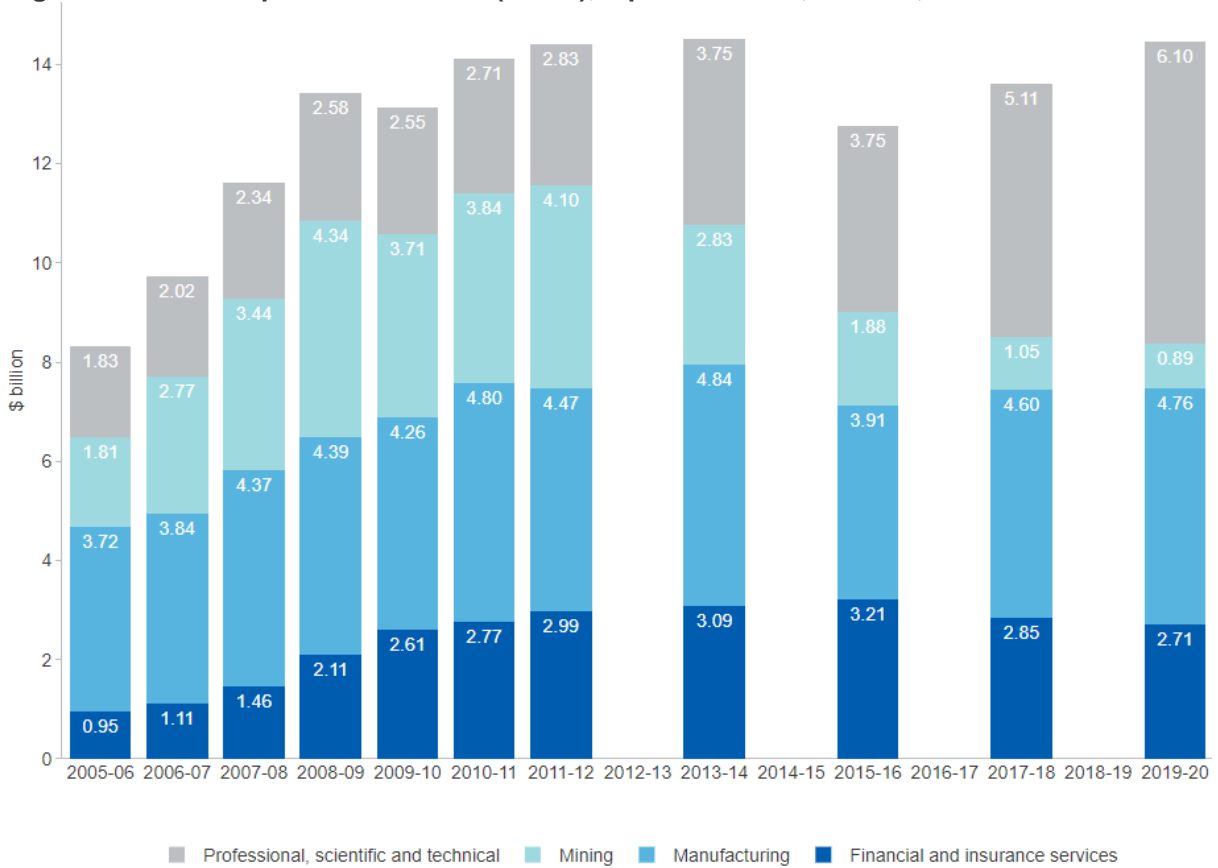


### 3.1.2 Business expenditure on R&D (BERD) by industry

Australia’s BERD is quite concentrated, with just four industries accounting for nearly eighty per cent of the \$18.2 billion in total expenditure. The largest contribution in 2019–20 was reported by *Professional, scientific and technical services* (33.6 per cent), which has overtaken *Manufacturing* (26.2 per cent). The changes in the underlying composition of BERD by industry have been quite dramatic. As recently as 2011–12, *Professional, scientific and technical services* accounted for only 15.5 per cent of total BERD, compared to 24.4 per cent for *Manufacturing* and 22.4 per cent for *Mining*. However, *Mining* R&D expenditure peaked in 2011–12 (at \$4.1 billion) and has since fallen to a quarter of that value — \$0.9 billion in 2019–20 — accounting now for a modest and shrinking share of total BERD, at 4.9 per cent.<sup>1</sup>

**Figure: Business expenditure on R&D (BERD), top 4 industries, \$ billion, latest 2019–20**



<sup>1</sup> ABS, *Research and Experimental Development, Businesses, Australia*, Cat. No. 8104.0 (<https://www.abs.gov.au/statistics/industry/technology-and-innovation/research-and-experimental-development-businesses-australia/latest-release>)