



AUSTRALIA'S TRADE IN SERVICES WITH THE UNITED KINGDOM

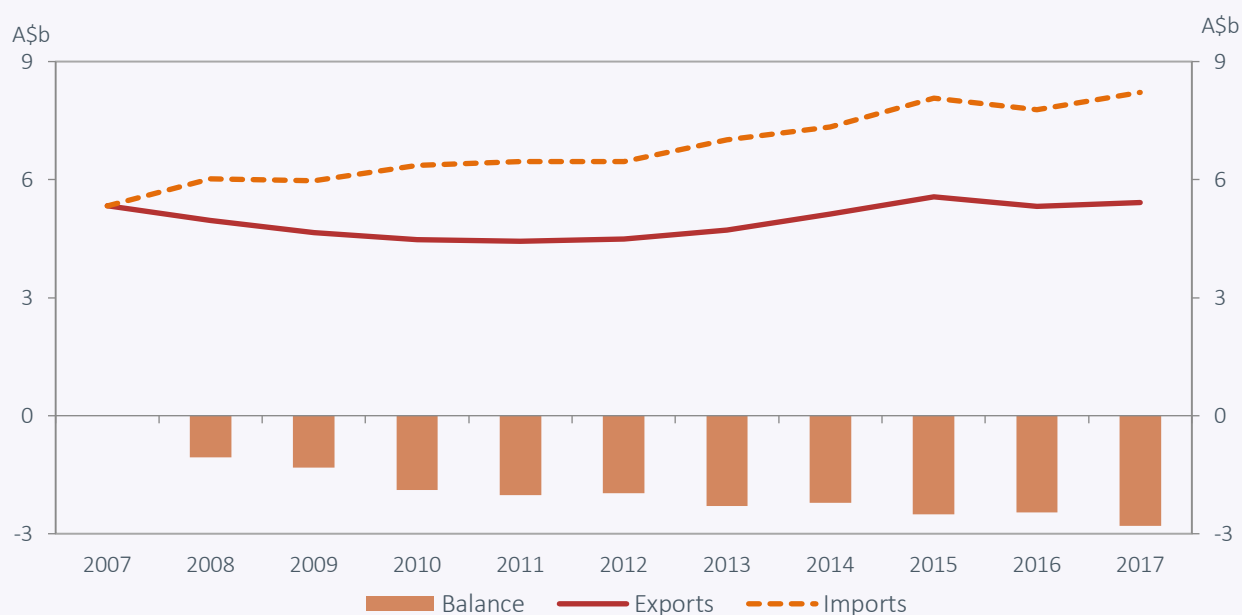
The United Kingdom was Australia's third largest two-way trade in services partner in 2017 with trade valued at \$13.6 billion. The United Kingdom was Australia's third largest services export market in 2017 and Australia's second largest source of services imports. Growth in services trade over the past ten years was driven by growth in exports and imports of business services and imports of travel services.

The official trade statistics does not tell the whole services story, with over 80 per cent of all services provided by Australia and the United Kingdom being delivered by their affiliates located in the host economies.

Introduction

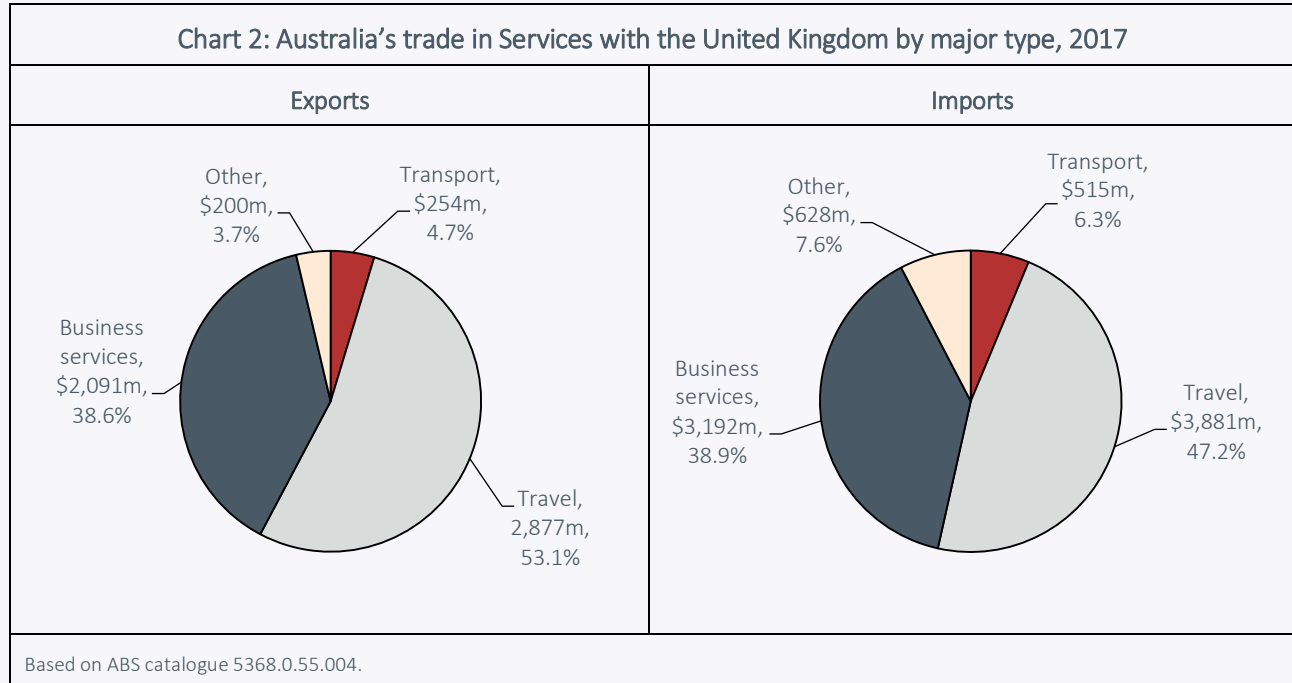
Australia's trade in services with the United Kingdom was valued at \$13.6 billion in 2017 and accounted for 7.9 per cent of Australia's total trade in services with the world. Exports of services were valued at \$5.4 billion and import valued at \$8.2 billion. Australia is a net importer of services from the United Kingdom, with the deficit on trade in services valued at \$2.8 billion in 2017. Exports of services have increased by an average by 1.1 per cent per annum over the past ten years while imports of services have increased by 4.1 per cent per annum (*Chart 1*).

Chart 1: Australia's trade in Services with the United Kingdom



Based on ABS catalogue 5368.0.55.004.

Over half (53.1 per cent) of Australia’s exports of services with the United Kingdom were accounted for by *Travel services* with another third (38.6 per cent) accounted for by *Business services*. Imports of services from the United Kingdom were also dominated by both *Travel services* (which accounted for 47.2 per cent) and *Business services*, which accounted for a further 38.9 per cent of total services imports (*Chart 2*).



Travel services

Travel services are one of the major sectors for Australia’s trade in services with the United Kingdom. Australia’s exports of *Travel services* to the United Kingdom were valued at \$2.9 billion in 2017 and have been relatively steady, decreasing by an average 0.1 per cent per annum over the past ten years (*Chart 3*).



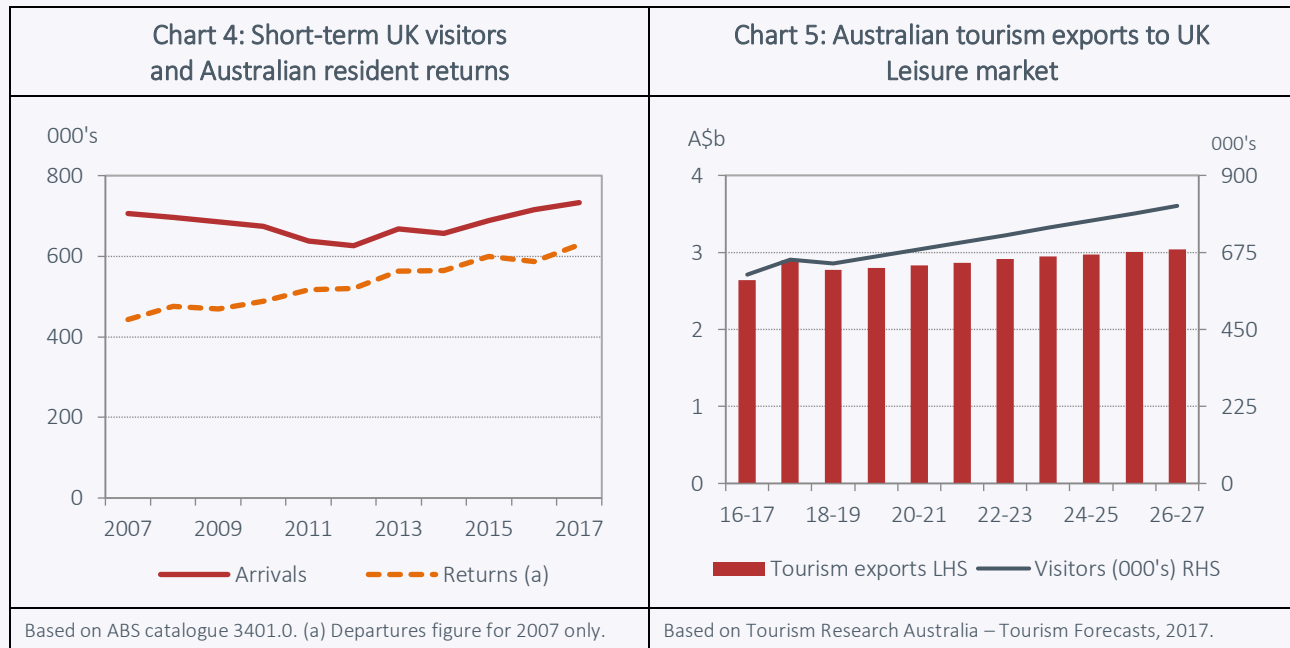
Over this period, the number of short-term visitor arrivals from the United Kingdom increased marginally from 705,500 to 733,000 in 2017 – Australia’s fourth largest source of short-term visitors accounting for 8.3 per cent of total arrivals (*Chart 4*).

Australia's *Travel services* exports to the United Kingdom in 2017 comprised *Business travel services* valued at \$254 million, *Education-related travel services* valued at \$247 million and *Other personal travel services* (mainly recreational travel) valued at \$2.4 billion.

Other personal travel services exports

Other personal travel services (mainly recreational travel) are the most important Australian services export to the United Kingdom and accounted for 43.8 per cent of total services exports in 2017. The United Kingdom is Australia's second largest market (behind China) for these services valued at \$2.4 billion in 2017.

With the United Kingdom being a mature tourism market, there has been no overall growth in these services over the past decade, with these services declining on average by 0.6 per cent per annum. However, *Other personal travel services* exports to the United Kingdom are expected to record some growth over the decade ahead. Tourism Research Australia has forecast growth of 2.9 per cent per annum on average in the number of leisure market visitors from United Kingdom, to reach 811,000 visitors by 2026-27. The value of real tourism exports in the leisure market from the United Kingdom (in 2015-16 dollars) are expected to grow from \$2.6 billion in 2016-17 to be valued at \$3.0 billion in 2026-27 (*Chart 5*)¹.



Business and Education-related travel services exports

Exports of the *Business* and *Education-related travel services* to the United Kingdom have grown over the period 2007 to 2017. Exports of *Business travel services* have grown on average by 2.1 per cent per annum to \$254 million in 2017, while exports of *Education-related travel services* grew by 3.6 per cent on average to \$247 billion.

In 2017, there were 6,704 students from the United Kingdom enrolled in 7,458 courses in Australian education institutions. The majority of these were in the *Vocational education* sector with 50.8 per cent of enrolments in 2017 followed by *Non-award courses* with 28.7 per cent and the *Higher education* with 19.3 per cent².

¹ Based on the latest Tourism Research Australia – Tourism forecasts.

² Source: Department of Education and Training – International Student data.

Travel services imports

Australia's imports of *Travel services* from the United Kingdom increased by an average 4.9 per cent per annum over the past ten years to be valued at \$3.9 billion in 2017. Over this period, the number of short-term Australian resident returns from the United Kingdom increased from 442,800 in 2007³ to 628,400 in 2017.

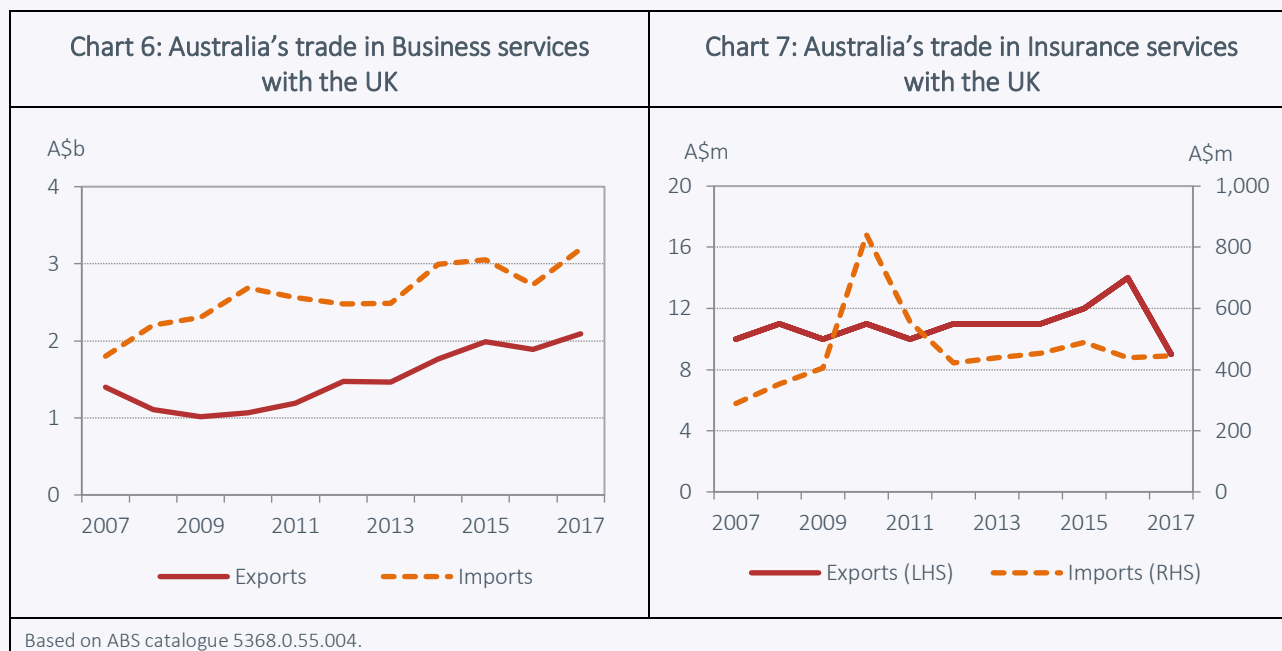
Australia's *Travel services* imports from the United Kingdom in 2017 comprised *Business travel services* valued at \$322 million, *Education-related travel services* valued at \$26 million and *Other personal travel services* valued at \$3.5 billion.

Other personal travel services dominated imports of *Travel services* from the United Kingdom (accounting for 91.0 per cent of total *Travel services* imports). This series has grown by an average 5.4 per cent per annum over the past ten years. The United Kingdom was Australia's second largest destination for these services behind the United States in 2017.

Tourism Research Australia has forecast that Australian outbound travel to the United Kingdom will continue to grow in the decade ahead, with growth expected to average 2.2 per cent per annum, resulting in 745,000 Australian outbound departures to the United Kingdom in 2026-27⁴.

Business services⁵

Business services were Australia's second most important services sector with the United Kingdom. Australia's exports of *Business services* to the United Kingdom were valued at \$2.1 billion in 2017 and accounted for 38.6 per cent of total services exports to the United Kingdom (*Chart 6*). Exports of *Business services* rose by an average 6.9 per cent per annum over the past ten years.



Imports of *Business services* from the United Kingdom were valued at \$3.2 billion and accounted for 38.9 per cent of total service imports from the United Kingdom in 2017. Imports of *Business services* have

³ Based on resident departures for 2007 only.

⁴ Based on the latest Tourism Research Australia – Tourism forecasts.

⁵ *Business services* includes: *Construction services*; *Financial & insurance services*; *Charges for the use of intellectual property* nie; *Telecommunication, computer & information services* and *Other business services*.

increased by an average 4.4 per cent per annum over the past ten years. Within *Business services* the major services were:

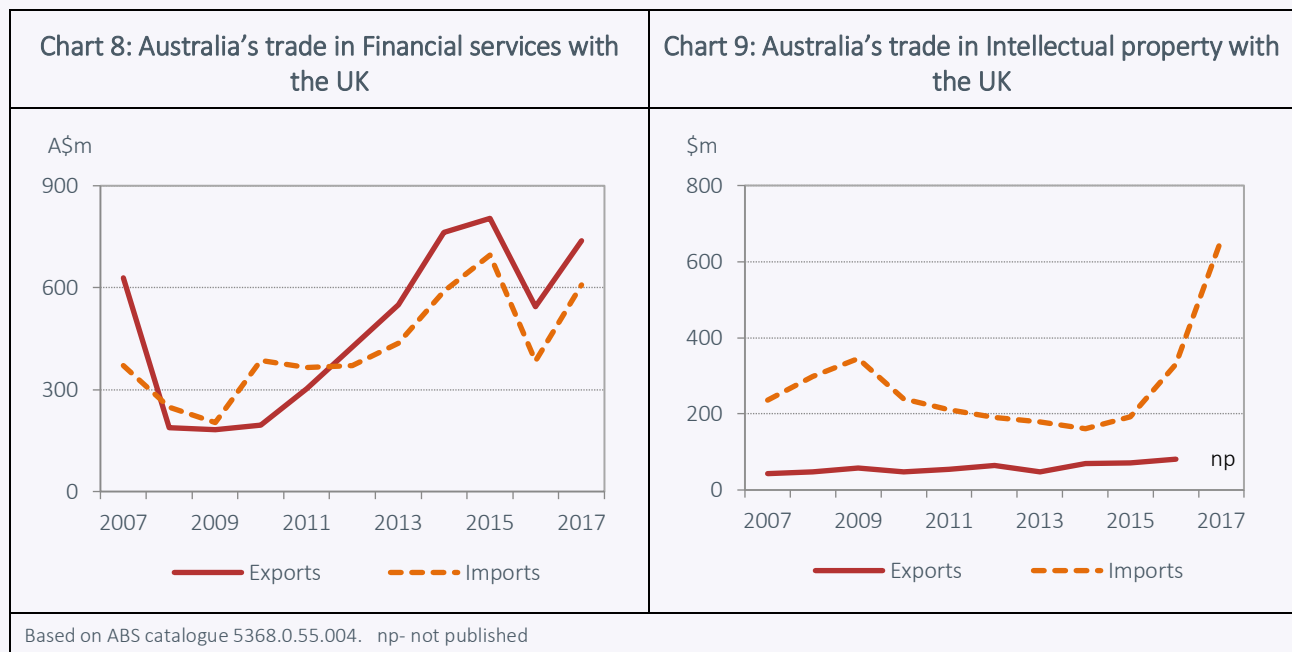
Insurance and pension services

The United Kingdom is by far the major source for Australia’s imports of *Insurance and pension services* valued at \$444 million in 2017 and accounted for 63.4 per cent of Australia’s total *Insurance and pension services* imports (*Chart 7*).

Imports of *Insurance and pension services* from the United Kingdom increased by an average 1.9 per cent per annum over the past ten years. The large spike in insurance services imports in 2010 (\$841 million) and 2011 (\$557 million) would be due in part to the Queensland floods in 2010.

Imports consisted of *Direct insurance services* (insurance policies purchased from United Kingdom insurance companies by Australian companies) valued at \$173 million, *Reinsurance services* (which are Australian insurance companies that transfer part of their Australian insurance risk offshore) valued at \$105 million and *Auxiliary insurance services* (mainly insurance commissions) valued at \$143 million in 2017.

Exports of *Insurance and pension services* to the United Kingdom were small, valued at \$9 million in 2017. These exports consisted of \$3 million in *Direct insurance services* and \$7 million in *Pension services*.



Financial services

Australia’s exports of *Financial services* to the United Kingdom were valued at \$738 million in 2017. The United Kingdom was Australia’s second largest market for these services after the United States. Exports of these services have increased by an average of 12.4 per cent per annum over the past ten years. Growth however, has not been consistent. *Financial services* exports fell sharply with the Global financial Crisis (GFC) from \$629 million in 2007 to just \$182 million in 2009, before recovering to a record high of \$804 million in 2015. Exports then dipped again in 2016 before recovering in 2017 (*Chart 8*).

Imports of *Financial services* from the United Kingdom were value at \$609 million in 2017 and was Australia’s second largest source for these services after the United States. Imports have increased by an average of 8.5 per cent per annum over the past ten years. Growth over the period has followed the same pattern as

exports, with a strong decline during the GFC before recovering strongly by 2015. As with exports, imports dropped in 2016 before recovering in 2017.

Charges for the use of Intellectual property (excluding audio-visual services)

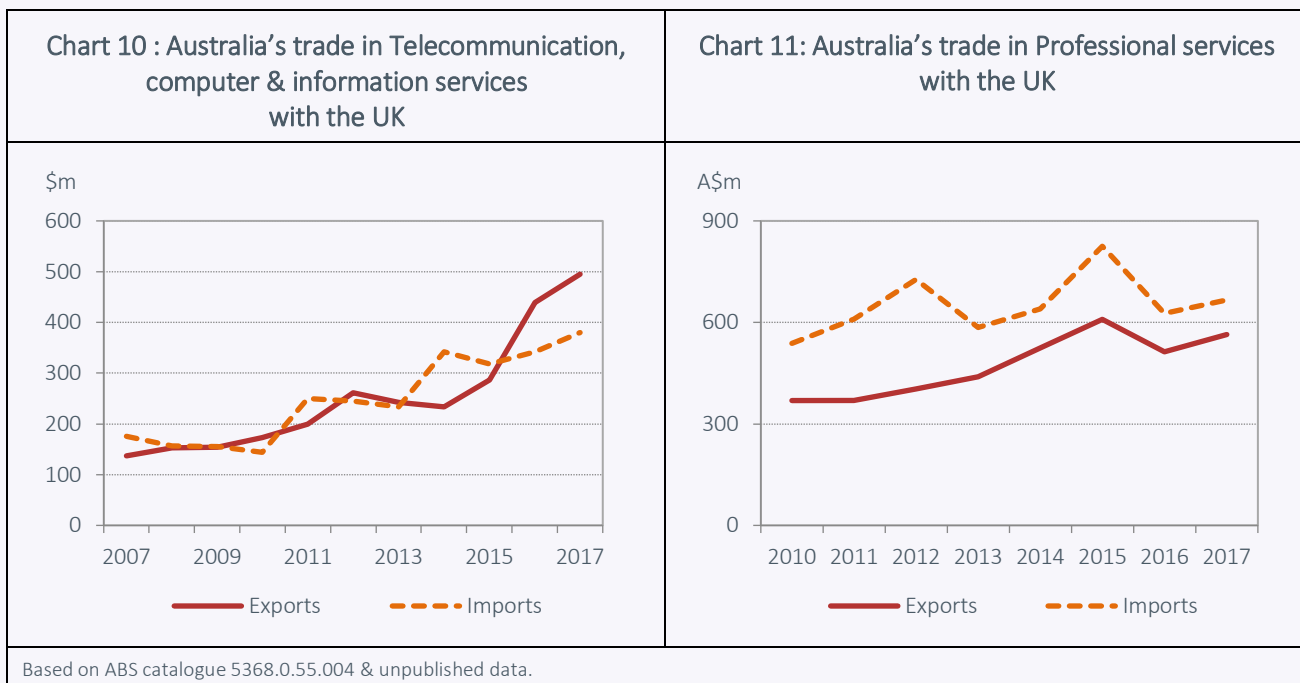
Australia’s exports of *Intellectual property* to the United Kingdom were valued at around \$70 million in 2017⁶. The main types being *Licences for computer software services*, *Outcomes of research and development* and *Music royalties* (Chart 9).

Imports on *Intellectual property* from the United Kingdom were value at \$658 million in 2017. Imports have increased by an average of 2.6 per cent per annum over the past ten years.

The main types being *Franchise and trademarks licensing fees* valued at \$458 million and *Music royalties* valued at \$87 million. Imports of *Franchise and trademarks licensing fees* have increased substantially in the last two years, up from \$57 million in 2015 to \$458 million in 2017.

Telecommunication, computer & information services

Australia’s exports of *Telecommunication, computer & information services* to the United Kingdom have grown from \$137 million in 2007 to \$495 million in 2017 (Chart 10). The major exports were *Telephone services* valued at around \$150 million⁷, *Hardware & software consultancy services* (\$166 million) and *Data processing services* (\$28 million) in 2017.



Australia’s imports of *Telecommunication, computer & information services* from the United Kingdom have risen from \$176 million to \$380 million in 2017. *Telecommunication services* were valued at \$114 million, while *Computer & information services* imports were valued at \$266 million in 2017. The major exports were

⁶ Export data for *Charges of intellectual property* were confidential in ABS statistics for 2017. However, recent years trends shows exports of between \$70 and \$80 million.

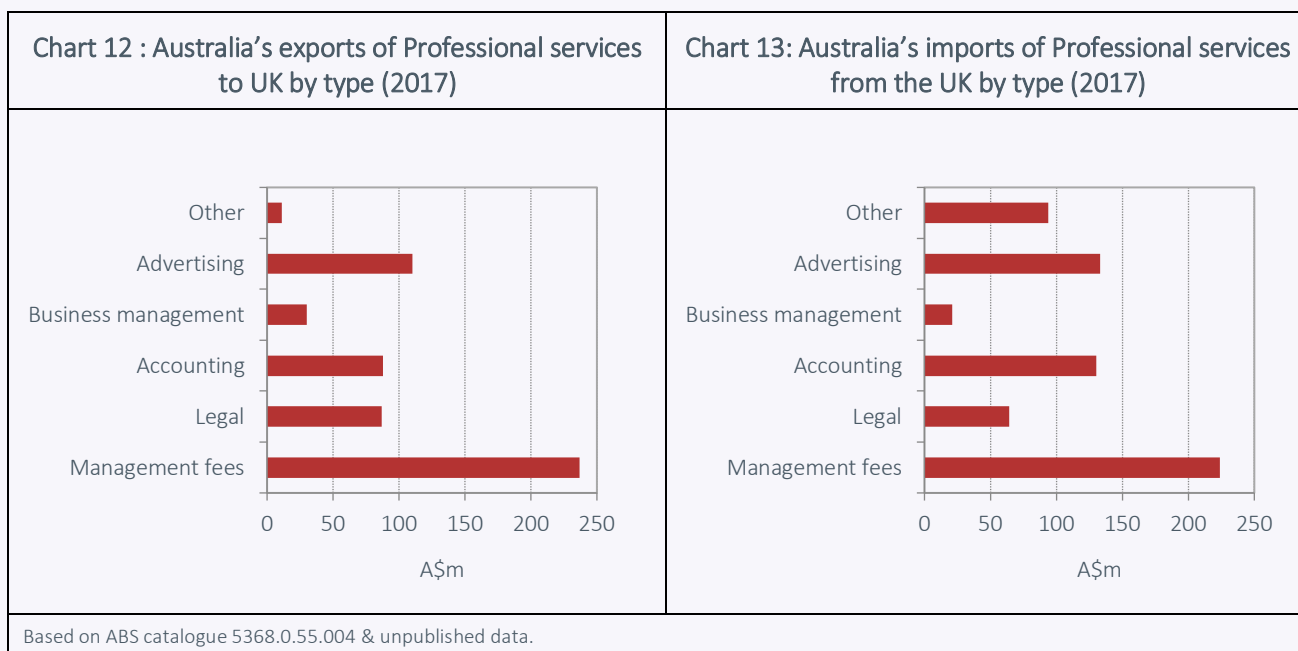
⁷ Export data for *Telephone services* were confidential in ABS statistics for 2016 & 2017. However, recent years trends shows exports of around \$150 million.

Telephone services valued at \$109 million, Data processing services (\$87 million) and Hardware & software consultancy services (\$65 million) in 2017.

Professional services⁸

Australia's exports of *Professional services* to the United Kingdom have grown from \$369 million in 2010 to \$564 million in 2017 (**Chart 11**). The major *Professional services* exports to the United Kingdom in 2017 were *Management fees*⁹ valued at \$237 million, *Advertising and market research services* (\$110 million), *Accounting services* (\$88 million) and *Legal services* (\$87 million) (**Chart 12**).

Imports of *Professional services* from the United Kingdom have grown from \$538 million in 2010 to \$667 million in 2017. The major *Professional services* imported from the United Kingdom in 2017 were *Management fees*⁹ valued at \$224 million *Advertising and market research services* (\$133 million) and *Accounting services* (\$130 million) (**Chart 13**).



Technical & other business services¹⁰

Australia's exports of *Technical & other business services* to the United Kingdom have fallen from \$217 million in 2010 to \$108 million in 2017 (**Chart 14**). The major component which accounted for this decline was *Engineering services* (down from \$75 million in 2010 to \$36 million in 2017).

Imports of *Technical & other business services* from the United Kingdom have decreased from \$512 million in 2010 to \$430 million in 2017. The major components which accounted for this decline were *Engineering services* (down from \$170 million in 2010 to \$144 million in 2017) and *Scientific and other technical services* (down from \$87 million in 2010 to \$6 million in 2017).

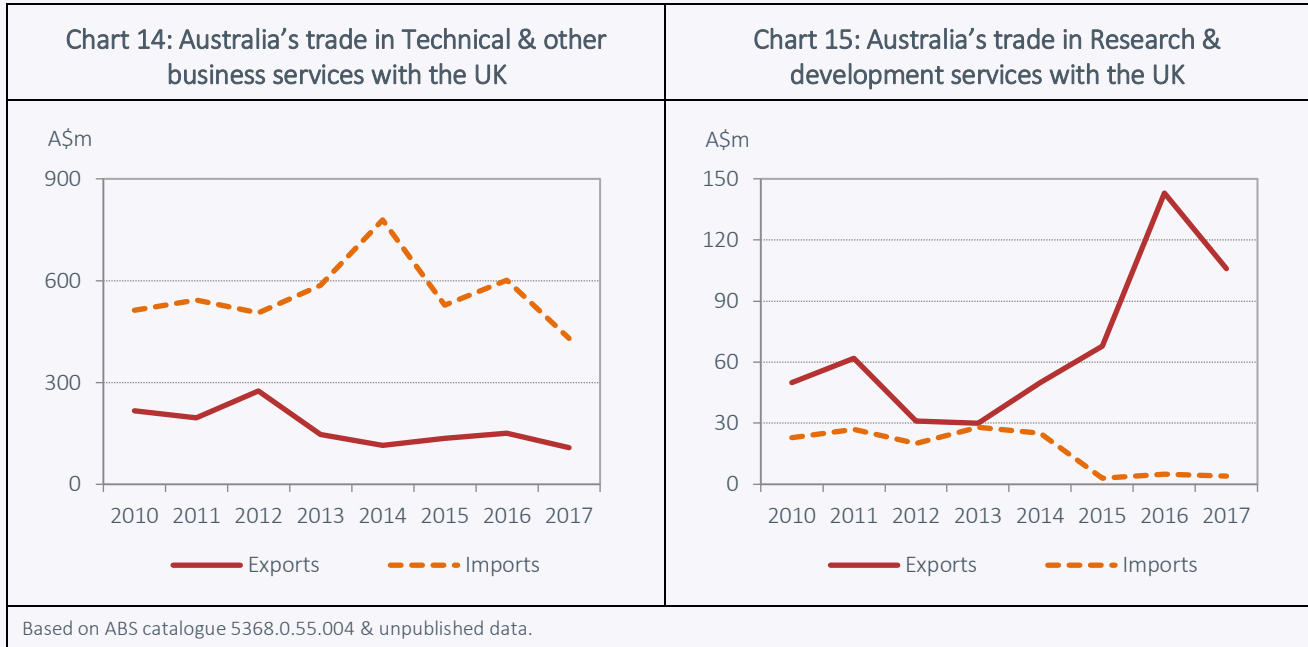
⁸ Data for *Professional services* is only available from 2010 to 2017.

⁹ Management fees are charges between related enterprises representing a contribution to general management costs such as corporate computer systems, and accounting that cannot be split to a specific service category.

¹⁰ Data for *Technical & other business services* is only available from 2010 to 2017.

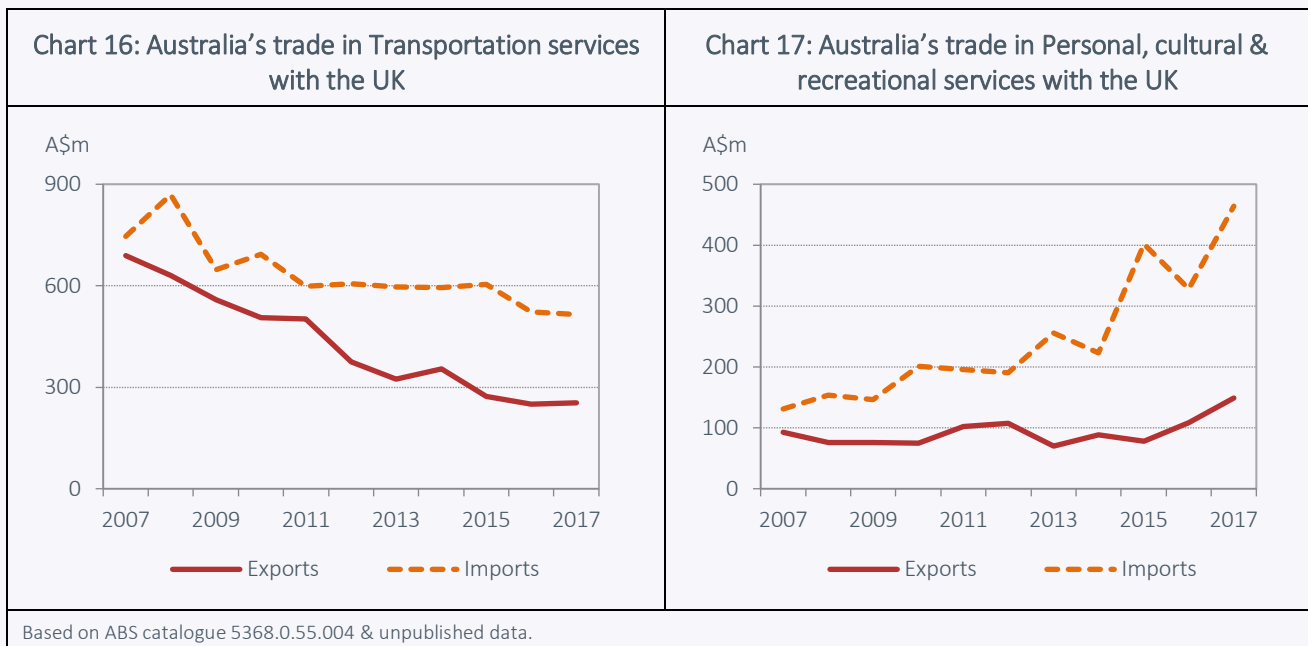
Research & development services¹¹

Australia's exports of *Research & development services* to the United Kingdom have risen strongly from \$50 million in 2010 to \$106 million in 2017 (*Chart 15*), while imports of these services have fallen from \$23 million in 2010 to \$4 million in 2017.



Transport services

Australia's exports of *Transport services* to the United Kingdom decreased from \$689 million in 2007 to \$254 million in 2017 (*Chart 16*). Exports of *Transport services* accounted for 4.7 per cent of Australia's total services exports to the United Kingdom.



¹¹ Data for *Research & development services* is only available from 2010 to 2017.

Within *Transport services*, *Passenger transport services* and *Other transport services* (which covers a range of services provided in Australian airports and ports, including Cargo & baggage handling services, Agents fees associated with freight transportation and Airport & port charges) were the significant services exported.

Australia's imports of *Transport services* from the United Kingdom fell from \$746 million in 2007 to \$515 million in 2017 and accounted for 6.3 per cent of Australia's total imports of services. The main import was *Freight transport services* valued at \$310 million in 2017.

Personal, cultural & recreation services

Exports of *Personal, cultural & recreation services* to the United Kingdom (*Chart 17*) was valued at \$149 million in 2017 (up from \$93 million in 2007). The major component were *Television royalties* valued at \$52 million and *Other personal, cultural and recreation services* valued at \$93 million.

Imports of *Personal, cultural & recreation services* from the United Kingdom were valued at \$464 million in 2017 (up from \$131 million in 2007). The largest components was imports of *Television royalties* valued at \$237 million in 2017, *Film royalties* (\$94 million) and *Sporting and entertainment services* (\$52 million).

Foreign affiliates trade in services activity

Australia's trade in services statistics, as captured in Australia's Balance of Payments statistics do not cover services provided by an Australian commercial presence abroad, or services provided in Australia by a foreign owned enterprise.

Table 1: United Kingdom majority-owned affiliates located in Australia (services sector)

Industry of affiliate	2014-15				
	Affiliates No.	Employ. 000'	Assets A\$m	Sales A\$m	IVA A\$m
Electricity, gas, water and waste services	np	np	np	np	np
Construction	21	3.7	762	1,730	337
Wholesale trade	121	8.1	24,218	36,129	5,776
Retail trade	27	2.7	np	np	np
Accommodation and food services	np	np	np	np	np
Transport, postal and warehousing	22	13.7	np	5,728	np
Information media and telecommunications	32	0.9	972	575	137
Financial and insurance services	93	4.6	89,228	5,517	na
Rental, hiring and real estate services	82	6.0	1,177	1,797	661
Professional, scientific and technical services	184	6.7	2,522	2,288	1,224
Administrative and support services	64	42.5	1,021	1,692	1,853
Public administration and safety	6	np	787	1,752	298
Education and training	np	np	np	np	np
Health care and social assistance	np	np	np	np	np
Arts and recreation services	np	np	np	np	np
Other services	63	0.4	58	167	50
Confidential services industries (a)	17	29.8	np	np	np
Total services industries (a)	732	119.1	120,745	57,373	10,334

np - not published na - not available IVA - Industry Value Added

(a) Excludes confidential services industries for assets, sales and IVA only.

Source: ABS 5494.0 Economic Activity of Foreign Owned Businesses in Australia, 2014-15.

Unlike goods trade it is often necessary for a company to set up a commercial presence in the host country to provide the service (known as a foreign affiliate). The services provided by foreign affiliates are referred to, as Foreign Affiliates Trade in Services (FATS).

United Kingdom's inwards foreign affiliates trade in services with Australia, 2014-15

According to a recent Australian Bureau of Statistics (ABS) study, in 2014-15, the United Kingdom had 732 majority-owned affiliates in Australia in the services industries with assets valued at around \$121 billion¹². These affiliates had sales in Australia valued at around \$57.4 billion¹², compared to total imports of services from the United Kingdom valued at just \$7.5 billion in the same period. Around 88 per cent of United Kingdom services provided to Australia are therefore through an affiliate in Australia.

Sales were mainly in *Wholesale trade* industry (valued at \$36.1 billion), *Transport, postal and warehousing* (\$5.7 billion), *Financial and insurance services* (\$5.5 billion) and *Professional, scientific and technical services* (\$2.3 billion) – refer to **Table 1**.

These United Kingdom affiliates employed 119,100 persons, made an operating profit of \$2.6 billion and contributed \$10.3 billion¹² to the Australian economy in 2014-15. These affiliates paid wages and salaries valued at \$7.2 billion.

Australia's outwards foreign affiliates trade in services with the United Kingdom, 2016

The ABS has not published a recent study on Australia's for outwards foreign affiliates. The United Kingdom's Office for National Statistics (ONS) does publish recent data on its inwards foreign affiliates' trade. This data can be used to analyse trends in the Australia's outwards foreign affiliates trade in services with the United Kingdom.

Table 2: Australian majority-owned affiliates located in the United Kingdom (services sector)

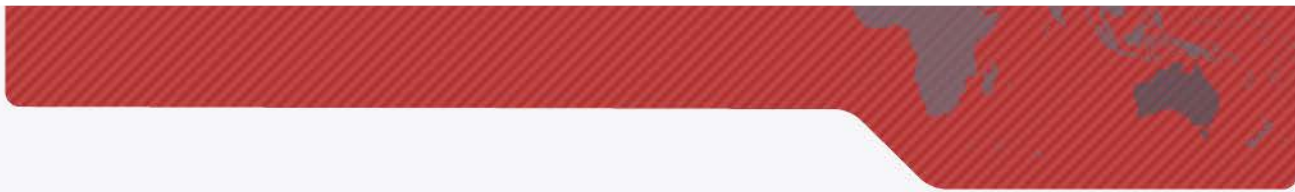
Industry of affiliate	2016			
	Affiliates No.	Employ. 000's	Sales A\$m	IVA A\$m
Electricity and gas services	np	np	np	np
Water and waste services	8	7.6	5,135	np
Construction	25	3.4	np	475
Wholesale and retail trade	107	15.8	4,686	841
Accommodation and food service activities	np	np	np	np
Transportation and storage	12	0.6	155	21
Information and communication	85	4.6	1,459	1,263
Financial and insurance activities	np	18.4	np	np
Real estate activities	20	0.7	np	np
Professional, scientific and technical activities	121	4.0	2,313	692
Administrative and support service activities	81	4.2	2,695	929
Confidential services industries	4	5.2	np	np
Total services industries (a) (b)	463	64.4	20,432	4,221

np - not published IVA - Industry Value Added

(a) Total excludes financial & insurance industry for number of affiliates. (b) Total excludes confidential service industries for Sales and IVA.

Source: United Kingdom Office for National Statistics published on Eurostat.

¹² Excluding some confidential services industries.



In 2016, Australia had 463 majority-owned affiliates¹³ in the services industries in the United Kingdom. These affiliates had sales valued at \$20.4 billion¹³ in 2016, compared to total exports of services to the United Kingdom valued at \$4.7 billion in the same period. Around 81 per cent of Australian services provided to the United Kingdom are therefore through an affiliate in the United Kingdom.

Sales were mainly in *Water supply; sewerage, waste management and remediation activities* (valued at \$6.0 billion), *Wholesale & retail trade* (\$4.6 billion), *Administrative and support service activities* (\$2.7 billion), *Professional, scientific and technical activities* (valued at \$2.3 billion) and *Information and Communication* (\$1.5 billion). *Finance and insurance, Construction, Electricity and gas services, Accommodation and food service activities* and *Real estate sales* would also be significant but were confidential in ONS data for 2016 – refer to **Table 2**¹⁴.

These Australian affiliates employed 64,383 persons and contributed \$4.2 billion¹³ to the United Kingdom economy in 2016. These affiliates paid wages and salaries valued at \$2.9 billion¹³ and made profits of \$2.1 billion¹³.

Conclusion

The United Kingdom is a key services trading partner for Australia and trade has grown from \$10.7 billion in 2007 to \$13.6 billion in 2017. The United Kingdom is Australia's third largest services export market and Australia's second largest source of services imports. Growth in services trade over the past ten years was driven by growth in exports and imports of business services and imports of travel services.

The official trade statistics do not tell the whole services story. Sales by foreign affiliates in the services industries dominated the Australian/United Kingdom services trade. Sales from United Kingdom majority-owned affiliates in the services sector were valued at around \$57.4 billion in 2014-15 and sales by Australian affiliates in the United Kingdom valued at \$20.4 billion in 2016.

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Published: May 2019

¹³ Excluding some confidential services industries.

¹⁴ Based on Eurostat data for 2015 and previous years. In 2015, sales by *Construction* industry were valued at \$2.8bn, *Electricity and gas services* (\$1.5bn), *Accommodation and food service activities* (\$1.7bn) and *Real estate sales* (\$1.2bn).

ATTACHMENT A

AUSTRALIA'S SERVICES EXPORTS TO THE UNITED KINGDOM BY TYPE OF ACTIVITY (a) (A\$ million)

Services - Type of activity	2010	2012	2014	2016	2017
Manufacturing services on physical inputs owned by others	0	0	0	0	0
Maintenance & repair nie	2	3	0	1	0
Transportation services	506	375	355	250	254
<i>Passenger (b)</i>	np	np	220	np	np
<i>Freight</i>	np	np	4	6	3
<i>Other transport</i>	51	np	np	np	np
<i>Postal & courier (c)</i>	np	np	np	np	np
Travel Services	2,785	2,503	2,874	3,027	2,877
<i>Business</i>	259	316	304	241	254
<i>Personal</i>	2,526	2,186	2,570	2,785	2,622
Education-related	182	179	208	231	247
Other personal travel	2,344	2,007	2,363	2,555	2,376
Construction services	0	0	0	0	np
Insurance & pension services	11	11	11	14	9
<i>Direct insurance</i>	5	4	2	5	3
Freight	5	4	2	5	3
Life	0	0	0	0	0
Other direct	0	0	0	0	0
<i>Reinsurance</i>	0	0	0	0	0
<i>Auxiliary</i>	0	0	0	0	0
<i>Pension</i>	6	7	9	8	7
<i>Standardised guarantee</i>	0	0	0	0	0
Financial Services	195	426	762	544	738
Charges for the use of intellectual property nie	48	64	70	81	np
<i>Licences to reproduce and/or distribute computer services</i>	16	22	44	39	np
Software	16	22	44	39	np
Hardware & design	0	0	0	0	np
<i>Licences to reproduce and/or distribute audio-visual & related services</i>	0	0	0	0	0
<i>Outcomes of research & development</i>	9	11	2	13	np
<i>Franchise & trademarks licensing fees</i>	0	3	0	0	np
<i>Other charges</i>	23	29	24	29	27
Royalties on Education services	1	0	1	0	0
Royalties on Telecommunication services	0	0	0	0	0
Music	7	6	10	9	13
Other charges nie	14	23	13	20	14
Telecommunication, computer & information services	173	261	234	439	495
<i>Telecommunication</i>	71	101	126	np	np
Telephone	71	101	126	np	np
Other telecommunication	0	0	0	np	np
<i>Computer & information</i>	102	160	108	np	np
Computer	83	124	99	165	194
Hardware & software consultancy	83	109	99	164	166
Data processing	0	15	0	2	28

AUSTRALIA'S SERVICES EXPORTS TO THE UNITED KINGDOM
BY TYPE OF ACTIVITY (a) (cont'd)
(A\$ million)

Services - Type of activity	2010	2012	2014	2016	2017
Information services	4	23	5	np	np
Database services	2	11	3	np	np
Newsagency subscription	2	12	2	np	np
Other computer and information	15	13	5	np	np
Other business services	637	710	689	808	778
<i>Research & development</i>	50	31	50	143	106
<i>Professional & management consulting services</i>	369	404	525	514	564
Legal, accounting, management consulting, public relations & other professional services	335	369	427	465	454
Legal	65	79	70	69	87
Accounting, auditing, bookkeeping & tax consulting services	48	64	85	62	88
Business, management consulting & public relations services	31	28	32	18	30
Other professional services	117	110	38	37	11
Management fees nie	74	88	201	279	237
Advertising, market research & public opinion polling	35	35	98	49	110
<i>Technical, trade-related & other business services</i>	217	275	114	150	108
Architectural, engineering, scientific & other technical services	81	188	73	88	40
Architectural	2	0	np	0	1
Engineering	75	185	63	78	36
Surveying	2	1	np	0	0
Scientific & other technical	3	2	10	10	3
Waste treatment and de-pollution, agricultural & mining services	0	4	0	1	8
Waste treatment & de-pollution	0	0	0	0	0
Services incidental to agriculture, forestry and fishing	0	0	0	0	0
Services incidental to mining, oil & gas extraction	0	3	0	1	8
Other on-site processing services	0	0	0	0	1
Operational leasing services	np	0	0	np	np
Air operational leasing	np	0	0	np	np
Sea operational leasing	np	0	0	np	np
Other operational leasing	0	0	0	0	0
Trade-related commission	np	48	19	np	np
Other business services nie	33	35	22	50	51
Personal, cultural, and recreation services	75	107	89	109	149
Audio-visual & related services	27	30	41	53	56
Royalties on film, television, home entertainment & other audio-visual	27	30	41	51	56
Film	0	0	1	0	0
Television	np	np	np	51	52
Home entertainment	0	0	0	0	0
Other audio-visual related	0	0	0	0	0
Other film, TV & multimedia	np	np	np	1	4

**AUSTRALIA'S SERVICES EXPORTS TO THE UNITED KINGDOM
BY TYPE OF ACTIVITY (a) (cont'd)
(A\$ million)**

Services - Type of activity	2010	2012	2014	2016	2017
Audio-visual services nie	0	0	0	2	0
Other personal, cultural & recreational services	48	77	48	56	93
Health	0	0	0	1	0
Education	np	2	np	np	np
Education consultancy	np	2	np	np	np
Correspondence courses	0	0	0	0	0
Services through educational institutions	0	0	0	1	1
Other educational services	np	0	np	np	np
Other recreational	np	75	np	np	np
Sporting & entertainment services	np	np	np	np	np
Off-shore gambling services	np	np	np	0	np
Other recreational nie	0	np	0	np	np
Government services nie	36	37	39	47	51
Total Services	4,467	4,495	5,122	5,319	5,422

(a) Cells in this table may have been perturbed to protect confidentiality. (b) *Passenger services* includes *Agency fees* and *Commissions for air transport*. (c) *Postal & courier services* includes *Indirect sea transport*.
Source: ABS catalogue 5368.0.55.004 and unpublished data.

ATTACHMENT B

AUSTRALIA'S SERVICES IMPORTS FROM THE UNITED KINGDOM BY TYPE OF ACTIVITY (a) (A\$ million)

Services - Type of activity	2010	2012	2014	2016	2017
Manufacturing services on physical inputs owned by others	0	0	0	0	0
Maintenance & repair nie	15	40	9	68	63
Transportation services	693	606	594	523	515
<i>Passenger (b)</i>	np	np	np	np	np
<i>Freight</i>	332	314	353	312	310
<i>Other transport</i>	np	np	np	np	np
<i>Postal & courier (c)</i>	np	np	np	np	np
Travel Services	2,709	3,080	3,445	4,045	3,881
<i>Business</i>	296	365	369	325	322
<i>Personal</i>	2,413	2,715	3,077	3,719	3,558
Education-related	16	23	25	35	26
Other personal travel	2,397	2,692	3,052	3,684	3,533
Construction services	0	0	0	0	0
Insurance & pension services	841	422	454	438	444
<i>Direct insurance</i>	201	136	155	167	173
Freight	3	4	4	4	3
Life	0	0	0	0	0
Other direct	198	132	151	163	170
<i>Reinsurance</i>	247	100	112	97	105
<i>Auxiliary</i>	352	150	145	145	143
<i>Pension</i>	40	35	42	30	22
<i>Standardised guarantee</i>	0	0	0	0	0
Financial Services	385	370	589	383	609
Charges for the use of intellectual property nie	239	190	161	330	658
<i>Licences to reproduce and/or distribute computer services</i>	35	35	6	12	20
Software	34	35	6	12	20
Hardware & design	0	0	0	0	0
<i>Licences to reproduce and/or distribute audio-visual & related services</i>	0	0	0	0	0
<i>Outcomes of research & development</i>	25	16	20	37	26
<i>Franchise & trademarks licensing fees</i>	32	34	37	188	458
<i>Other charges</i>	147	104	99	93	154
Royalties on Education services	1	1	0	1	0
Royalties on Telecommunication services	0	0	0	0	0
Music	59	52	50	58	87
Other charges nie	87	52	49	34	67
Telecommunication, computer & information services	144	245	342	342	380
<i>Telecommunication</i>	68	77	94	101	114
Telephone	56	73	85	95	109
Other telecommunication	12	4	9	6	5
<i>Computer & information</i>	76	168	248	241	266
Computer	64	142	183	161	152
Hardware & software consultancy	53	104	121	84	65
Data processing	10	39	62	77	87

AUSTRALIA'S SERVICES IMPORTS FROM THE UNITED KINGDOM
BY TYPE OF ACTIVITY (a) (cont'd)
(A\$ million)

Services - Type of activity	2010	2012	2014	2016	2017
Information services	5	16	31	21	31
Database services	1	0	10	12	17
Newsagency subscription	4	16	22	9	13
Other computer and information	8	10	34	59	84
Other business services	1,073	1,251	1,443	1,235	1,101
<i>Research & development</i>	23	20	25	5	4
<i>Professional & management consulting services</i>	538	726	639	627	667
Legal, accounting, management consulting, public relations & other professional services	507	606	552	540	534
Legal	11	21	37	52	64
Accounting, auditing, bookkeeping & tax consulting services	41	21	57	88	130
Business, management consulting & public relations services	10	15	25	25	21
Other professional services	179	204	100	124	94
Management fees nie	266	346	333	251	224
Advertising, market research & public opinion polling	32	119	88	87	133
<i>Technical, trade-related & other business services</i>	512	506	779	602	430
Architectural, engineering, scientific & other technical services	271	287	250	244	154
Architectural	0	0	0	0	4
Engineering	170	126	140	218	144
Surveying	14	10	6	9	1
Scientific & other technical	87	152	105	16	6
Waste treatment and de-pollution, agricultural & mining services	0	4	6	6	3
Waste treatment & de-pollution	0	0	0	0	0
Services incidental to agriculture, forestry and fishing	0	0	0	0	0
Services incidental to mining, oil & gas extraction	0	4	6	6	3
Other on-site processing services	0	0	0	0	0
Operational leasing services	28	38	32	17	13
Air operational leasing	np	np	np	np	np
Sea operational leasing	np	np	np	np	np
Other operational leasing	0	3	1	7	2
Trade-related commission	32	9	13	18	30
Other business services nie	180	168	478	318	231
Personal, cultural, and recreation services	201	191	223	328	464
Audio-visual & related services	176	175	183	254	355
Royalties on film, television, home entertainment & other audio-visual	175	174	183	253	354
Film	3	0	36	45	94
Television	148	150	117	183	237
Home entertainment	22	19	19	13	7
Other audio-visual related	0	3	8	11	11
Other film, TV & multimedia	3	3	4	2	6

AUSTRALIA'S SERVICES IMPORTS FROM THE UNITED KINGDOM
BY TYPE OF ACTIVITY (a) (cont'd)
(A\$ million)

Services - Type of activity	2010	2012	2014	2016	2017
Audio-visual services nie	0	1	0	2	1
Other personal, cultural & recreational services	25	16	40	74	109
Health	0	1	0	0	0
Education	8	1	3	3	4
Education consultancy	0	1	2	2	2
Correspondence courses	0	0	0	0	0
Services through educational institutions	0	0	1	1	1
Other educational services	7	1	0	1	1
Other recreational	17	15	36	71	105
Sporting & entertainment services	16	14	36	20	52
Off-shore gambling services	0	0	0	0	4
Other recreational nie	1	1	1	51	49
Government services nie	60	63	76	93	102
Total Services	6,360	6,458	7,336	7,784	8,216

(a) Cells in this table may have been perturbed to protect confidentiality. (b) *Passenger services* includes *Agency fees* and *Commissions for air transport*. (c) *Postal & courier services* includes *Indirect sea transport*.

Source: ABS catalogue 5368.0.55.004 and unpublished data.