

## **INTERNATIONAL TRADE IN SERVICES BY STATE 2002**

### **Introduction**

This article provides calendar year 2002 data for Australia's **international trade in services by state**.

Tables F1 and F2 show, for credits (exports) and debits (imports) respectively, Australia's international trade in services for 2002, classified by state, for 11 broad service types, with more detailed components also shown.

### **Interpretation of data**

Service credits are classified by the state of provision, while services debits are classified by the state of consumption. Confidentiality constraints severely restrict the detail that can be provided for some states and territories. Care should be exercised in interpreting the data.

While the state allocation methods for transportation, travel and communication services are considered reasonable, especially for the analysis of movements in the services, the allocation for other services (about 25% of all trade in services) is primarily based on the location of the business reporting the information, which serves as a proxy for the state of provision/consumption of that service.

Transportation services are allocated by state using a combination of indicators including merchandise trade statistics by state and short-term overseas passenger arrivals and departures by state of clearance.

Overseas passenger departures data by the state where most time was spent are used to allocate the business and personal travel components of travel credits. Education-related travel credits are split using state data provided by the Department of Education, Science and Training. Travel debits are split using overseas departures data for resident departures by state.

For communication services, a domestic indicator for allocating the consumption of telecommunications and postal services by state in the national accounts is used to approximate the state allocation of the international trade in these services. It is assumed that each state's share of outgoing international calls and terminating connections for incoming international calls will be reasonably well aligned with total service consumption by state or territory.

### **Further information**

Further information and longer time series for both calendar and financial year data by state can be obtained by contacting Kevin Yeadon on Canberra 02 6252 6255, or fax 02 6252 8003, or email at [k.yeadon@abs.gov.au](mailto:k.yeadon@abs.gov.au).

**TABLE F1: INTERNATIONAL TRADE IN SERVICES CREDITS (EXPORTS) BY STATE, 2002**

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Transportation	3,210	2,096	1,444	131	708	14	69	0	<b>7,672</b>
Travel	5,918	2,923	3,657	449	1,464	118	159	183	<b>14,871</b>
Business	452	178	308	26	105	7	15	10	<b>1,101</b>
Personal	5,466	2,745	3,349	423	1,359	111	144	173	<b>13,767</b>
Education related	1,531	1,188	684	200	440	39	11	86	<b>4,179</b>
Other	3,935	1,557	2,665	223	919	72	133	87	<b>9,591</b>
Communication (a)	401	223	164	96	79	19	10	47	<b>1,038</b>
Construction services	12	n.p.	n.p.	n.p.	n.p.	0	0	n.p.	<b>106</b>
Insurance services	440	233	0	0	0	0	0	0	<b>673</b>
Financial services	460	321	3	0	0	0	0	0	<b>784</b>
Computer & information services	836	n.p.	n.p.	24	7	n.p.	n.p.	n.p.	<b>1,073</b>
Royalties and licence fees	341	122	28	n.p.	15	n.p.	n.p.	9	<b>527</b>
Other business services	2,229	808	83	111	165	n.p.	n.p.	21	<b>3,471</b>
Merchandising	118	64	8	n.p.	4	n.p.	n.p.	2	<b>207</b>
Other trade related services	242	32	n.p.	n.p.	7	n.p.	n.p.	n.p.	<b>310</b>
Operational leasing services	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	<b>27</b>
Professional services	652	134	10	9	n.p.	n.p.	n.p.	n.p.	<b>811</b>
Research and Development	101	136	10	5	9	n.p.	n.p.	n.p.	<b>273</b>
Architectural, engineering and other technical services	187	223	28	9	87	n.p.	n.p.	6	<b>579</b>
Agriculture, mining and on-site processing	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	<b>58</b>
Services between affiliated enterprises n.i.e	718	161	8	n.p.	24	n.p.	n.p.	n.p.	<b>924</b>
Other	165	53	7	46	9	n.p.	n.p.	n.p.	<b>281</b>
<b>Confidential items - other business services (b)</b>	46	5	12	42	25	n.p.	n.p.	13	<b>..</b>
Personal, cultural, and recreational services	232	126	108	100	n.p.	n.p.	n.p.	18	<b>630</b>
Audiovisual and related services	82	16	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	<b>104</b>
Other personal, cultural and recreational services	150	110	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	<b>526</b>
Government services n.i.e.	41	12	4	49	16	0	211	445	<b>775</b>
<b>Confidential items (b)</b>	0	212	72	16	51	15	40	1	<b>..</b>
<b>Total</b>	<b>14,120</b>	<b>7,076</b>	<b>5,563</b>	<b>976</b>	<b>2,505</b>	<b>166</b>	<b>489</b>	<b>724</b>	<b>31,619</b>

(a) Communication services includes other services n.i.e.

(b) For cells annotated 'n.p.' the data are included in Confidential items

**TABLE F2: INTERNATIONAL TRADE IN SERVICES DEBITS (IMPORTS) BY STATE, 2002**

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Transportation	-4,769	-3,043	-1,644	-326	-1,078	-38	-105	0	<b>-11,003</b>
Travel	-4,472	-2,857	-1,656	-523	-1,272	-135	-90	-242	<b>-11,247</b>
Business	-1,177	-746	-351	-108	-284	-31	-18	-64	<b>-2,779</b>
Personal	-3,295	-2,111	-1,305	-415	-988	-104	-72	-178	<b>-8,468</b>
Education related	-220	-212	-96	-39	-66	-7	-3	-17	<b>-660</b>
Other	-3,075	-1,899	-1,209	-376	-922	-97	-69	-161	<b>-7,808</b>
Communication (a)	-469	-404	-256	-121	-134	-30	-14	-24	<b>-1,452</b>
Construction services	0	0	0	0	0	0	0	0	<b>0</b>
Insurance services	-688	-168	0	0	0	0	0	0	<b>-856</b>
Financial services	-360	-196	0	0	0	0	0	0	<b>-556</b>
Computer & information services	-309	-139	-10	n.p.	n.p.	n.p.	0	0	<b>-504</b>
Royalties and licence fees	-1,270	-457	-23	-82	n.p.	0	n.p.	n.p.	<b>-1,865</b>
Other business services	-1,667	-1,104	-201	-109	-662	n.p.	n.p.	n.p.	<b>-3,785</b>
Merchandising and other trade related services	-62	-61	n.p.	-66	n.p.	n.p.	n.p.	n.p.	<b>-379</b>
Operational leasing services	n.p.	-418	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	<b>-883</b>
Professional services	-351	-118	-13	-6	-30	n.p.	n.p.	n.p.	<b>-523</b>
Research and Development	-59	-49	-1	0	0	n.p.	n.p.	n.p.	<b>-117</b>
Architectural, engineering and other technical services	-116	-133	n.p.	-12	n.p.	n.p.	n.p.	n.p.	<b>-560</b>
Agriculture, mining and on-site processing	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	<b>-160</b>
Services between affiliated enterprises n.i.e	-526	-210	-48	n.p.	-76	n.p.	n.p.	n.p.	<b>-868</b>
Other	-157	n.p.	-12	n.p.	-18	n.p.	n.p.	n.p.	<b>-295</b>
<b>Confidential items - other business services (b)</b>	-396	-115	-127	-25	-538	n.p.	n.p.	n.p.	<b>..</b>
Personal, cultural, and recreational services	-688	-109	-10	n.p.	n.p.	n.p.	n.p.	n.p.	<b>-861</b>
Audiovisual and related services	-652	-53	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	<b>-733</b>
Other personal, cultural and recreational services	-36	-56	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	<b>-128</b>
Government services n.i.e.	0	0	0	0	0	0	0	-671	<b>-671</b>
<b>Confidential items (b)</b>	0	0	0	-67	-61	-15	-13	-19	<b>..</b>
<b>Total</b>	<b>-14,692</b>	<b>-8,477</b>	<b>-3,800</b>	<b>-1,228</b>	<b>-3,207</b>	<b>-218</b>	<b>-222</b>	<b>-956</b>	<b>-32,800</b>

(a) Communication services includes other services n.i.e.

(b) For cells annotated 'n.p.' the data are included in Confidential items