

## **INTERNATIONAL TRADE IN SERVICES BY STATE 2001-02**

### **Introduction**

This article provides financial year 2001-02, 2000-01 and 1999-00 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 2001-02, classified by state, for 11 broad service types, with more detailed components also shown. Tables F3 to F6 show this information for the financial years 2000-01 and 1999-00.

### **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.

### **Revisions to Past Data**

Receipt of passenger card information from the Department of Immigration and Multicultural and Indigenous Affairs (DIMIA) has resulted in revisions for both the national and state estimates for travel credits and debits.

During the preparation of calendar year 2001 and financial year 2001-02 estimates, compilation errors were discovered in the state allocations for travel credits for 2000-01 and transportation credits for 1999-00. Tables F3 to F6 include revised estimates for 2000-01 and 1999-00 as a result of incorporating the later information and correcting the errors.

### **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 BY STATE, 2001-02**

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Transportation	3,207	2,135	1,394	129	705	16	79	0	7,665
Travel	5,922	2,905	3,583	447	1,433	116	173	190	14,769
Business	444	173	293	25	100	7	16	11	1,069
Personal	5,478	2,732	3,290	422	1,333	109	157	179	13,700
Education related	1,519	1,182	680	199	438	39	11	86	4,154
Other	3,959	1,550	2,610	223	895	70	146	93	9,546
Communication (a)	388	202	141	102	72	18	6	46	975
Construction services	9	n.p.	n.p.	n.p.	n.p.	0	0	0	101
Insurance services	442	231	0	0	0	0	0	0	673
Financial services	444	336	4	0	0	0	0	0	784
Computer & information services	728	n.p.	n.p.	43	5	n.p.	n.p.	n.p.	949
Royalties and licence fees	338	136	16	n.p.	4	n.p.	n.p.	n.p.	515
Other business services	2,228	746	82	63	197	n.p.	n.p.	23	3,395
Merchandising	126	80	17	0	0	n.p.	n.p.	n.p.	230
Other trade related services	252	37	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	319
Operational leasing services	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	0	26
Professional services	660	122	9	4	n.p.	n.p.	n.p.	n.p.	802
Research and Development	93	130	n.p.	6	n.p.	n.p.	n.p.	n.p.	257
Architectural, engineering and other technical services	202	167	22	9	121	n.p.	n.p.	6	572
Agriculture, mining and on-site processing	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	67
Services between affiliated enterprises n.i.e	662	151	6	n.p.	34	n.p.	n.p.	n.p.	860
Other	186	48	6	10	10	n.p.	n.p.	n.p.	262
<b>Confidential items - other business services (b)</b>	47	11	22	34	32	n.p.	n.p.	17	..
Personal, cultural, and recreational services	231	109	87	95	n.p.	n.p.	n.p.	20	598
Audiovisual and related services	68	8	0	n.p.	n.p.	n.p.	n.p.	n.p.	80
Other personal, cultural and recreational services	163	101	87	n.p.	n.p.	n.p.	n.p.	n.p.	518
Government services n.i.e.	44	12	4	51	20	0	230	412	773
<b>Confidential items (b)</b>	0	179	69	15	54	13	57	11	..
<b>Total</b>	<b>13,981</b>	<b>6,991</b>	<b>5,380</b>	<b>945</b>	<b>2,490</b>	<b>163</b>	<b>545</b>	<b>702</b>	<b>31,197</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 BY STATE, 2001-02**

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Transportation	-4,622	-3,011	-1,585	-336	-1,073	-43	-106	0	-10,776
Travel	-4,381	-2,787	-1,576	-520	-1,228	-139	-88	-215	-10,934
Business	-1,175	-718	-324	-108	-267	-32	-19	-58	-2,701
Personal	-3,206	-2,069	-1,252	-412	-961	-107	-69	-157	-8,233
Education related	-229	-222	-101	-36	-65	-8	-5	-15	-681
Other	-2,977	-1,847	-1,151	-376	-896	-99	-64	-142	-7,552
Communication (a)	-494	-377	-254	-130	-134	-33	-12	-25	-1,459
Construction services	0	0	0	0	0	0	0	0	0
Insurance services	-820	-36	0	0	0	0	0	0	-856
Financial services	-360	-196	0	0	0	0	0	0	-556
Computer & information services	-307	-116	-4	n.p.	n.p.	n.p.	0	0	-449
Royalties and licence fees	-1,225	-437	-22	-82	n.p.	0	n.p.	n.p.	-1,789
Other business services	-1,570	-1,238	-234	-105	-532	n.p.	n.p.	n.p.	-3,724
Merchanting and other trade related services	-66	-56	n.p.	-71	n.p.	n.p.	n.p.	n.p.	-334
Operational leasing services	n.p.	-555	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	-948
Professional services	-353	-132	-9	-6	-33	n.p.	n.p.	n.p.	-537
Research and Development	n.p.	-77	0	0	-1	n.p.	n.p.	n.p.	-101
Architectural, engineering and other technical services	-110	-116	n.p.	-10	-145	n.p.	n.p.	n.p.	-472
Agriculture, mining and on-site processing	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	-193
Services between affiliated enterprises n.i.e	-564	-191	-40	n.p.	-37	n.p.	n.p.	n.p.	-844
Other	-158	n.p.	-9	n.p.	-32	n.p.	n.p.	n.p.	-295
<b>Confidential items - other business services (b)</b>	-319	-111	-176	-18	-284	n.p.	n.p.	n.p.	..
Personal, cultural, and recreational services	-718	-72	-6	n.p.	n.p.	n.p.	n.p.	n.p.	-850
Audiovisual and related services	-660	-30	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	-712
Other personal, cultural and recreational services	-58	-42	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	-138
Government services n.i.e.	0	0	0	0	0	0	0	-649	-649
<b>Confidential items (b)</b>	0	0	0	-54	-43	-20	-23	-4	..
<b>Total</b>	<b>-14,497</b>	<b>-8,270</b>	<b>-3,681</b>	<b>-1,227</b>	<b>-3,010</b>	<b>-235</b>	<b>-229</b>	<b>-893</b>	<b>-32,042</b>

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

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

**TABLE F3: INTERNATIONAL TRADE IN SERVICES CREDITS BY STATE, 2000-01**

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Transportation	3,431	2,176	1,461	149	748	12	85	0	8,062
Travel	6,460	2,865	3,676	446	1,471	111	151	182	15,362
Business	513	176	312	25	107	7	15	11	1,166
Personal	5,951	2,689	3,364	421	1,364	104	136	171	14,200
Education related	1,479	1,150	660	192	426	37	11	83	4,038
Other	4,472	1,539	2,704	229	938	67	125	88	10,162
Communication (a)	533	312	206	145	106	28	13	54	1,397
Construction services	40	n.p.	2	n.p.	n.p.	n.p.	0	0	68
Insurance services	464	245	0	0	0	0	0	0	709
Financial services	423	320	4	0	0	0	0	0	747
Computer & information services	626	n.p.	n.p.	18	12	n.p.	n.p.	n.p.	797
Royalties and licence fees	435	140	n.p.	n.p.	9	n.p.	n.p.	n.p.	626
Other business services	2,064	720	119	52	160	n.p.	n.p.	13	3,185
Merchandising	93	60	12	n.p.	n.p.	n.p.	n.p.	n.p.	185
Other trade related services	264	27	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	304
Operational leasing services	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	16
Professional services	511	113	17	2	n.p.	n.p.	n.p.	n.p.	663
Research and Development	84	143	n.p.	6	9	n.p.	n.p.	n.p.	248
Architectural, engineering and other technical services	217	153	63	9	91	n.p.	n.p.	4	589
Agriculture, mining and on-site processing	n.p.	n.p.	n.p.	n.p.	1	n.p.	n.p.	n.p.	29
Services between affiliated enterprises n.i.e	688	154	11	n.p.	12	n.p.	0	n.p.	870
Other	199	63	2	3	12	n.p.	n.p.	n.p.	281
<b>Confidential items - other business services (b)</b>	8	7	14	32	35	n.p.	n.p.	9	..
Personal, cultural, and recreational services	1,281	74	45	56	n.p.	3	n.p.	29	1,514
Audiovisual and related services	1,206	17	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	1,226
Other personal, cultural and recreational services	75	57	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	288
Government services n.i.e.	35	10	1	51	18	0	231	387	733
<b>Confidential items (b)</b>	0	117	76	11	11	3	69	5	..
<b>Total</b>	<b>15,796</b>	<b>6,979</b>	<b>5,590</b>	<b>928</b>	<b>2,535</b>	<b>157</b>	<b>549</b>	<b>670</b>	<b>33,204</b>

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

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

**TABLE F4: INTERNATIONAL TRADE IN SERVICES DEBITS BY STATE, 2000-01**

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Transportation	-4,931	-3,074	-1,681	-384	-1,123	-41	-118	0	-11,352
Travel	-4,497	-2,785	-1,649	-520	-1,300	-119	-98	-221	-11,189
Business	-1,259	-744	-355	-109	-276	-23	-22	-66	-2,854
Personal	-3,238	-2,041	-1,294	-411	-1,024	-96	-76	-155	-8,335
Education related	-232	-213	-108	-31	-71	-7	-1	-13	-676
Other	-3,006	-1,828	-1,186	-380	-953	-89	-75	-142	-7,659
Communication (a)	-595	-486	-304	-129	-161	-41	-17	-33	-1,766
Construction services	0	0	0	0	0	0	0	0	0
Insurance services	-843	-35	0	0	0	0	0	0	-878
Financial services	-344	-184	0	0	0	0	0	0	-528
Computer & information services	-281	-94	-13	n.p.	n.p.	n.p.	n.p.	n.p.	-417
Royalties and licence fees	-1,175	-410	-23	-76	n.p.	n.p.	n.p.	n.p.	-1,706
Other business services	-1,222	-1,288	-168	-115	-257	n.p.	n.p.	n.p.	-3,070
Merchanting and other trade related services	-70	-67	-23	n.p.	-32	n.p.	n.p.	n.p.	-248
Operational leasing services	-234	-736	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	-1,011
Professional services	-229	-99	-12	-6	-20	n.p.	n.p.	n.p.	-370
Research and Development	n.p.	-61	0	0	-8	n.p.	n.p.	n.p.	-83
Architectural, engineering and other technical services	-143	-71	n.p.	-37	-46	n.p.	n.p.	n.p.	-355
Agriculture, mining and on-site processing	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	-124
Services between affiliated enterprises n.i.e	-444	-181	-27	n.p.	-26	n.p.	n.p.	n.p.	-689
Other	-87	n.p.	n.p.	-3	-22	n.p.	n.p.	n.p.	-190
<b>Confidential items - other business services (b)</b>	-15	-73	-106	-69	-103	n.p.	n.p.	n.p.	..
Personal, cultural, and recreational services	-561	-141	-1	n.p.	n.p.	n.p.	n.p.	n.p.	-767
Audiovisual and related services	-516	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	-634
Other personal, cultural and recreational services	-45	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	-133
Government services n.i.e.	0	0	0	0	0	0	0	-626	-626
<b>Confidential items (b)</b>	0	0	0	-74	-27	-3	-16	-15	..
<b>Total</b>	<b>-14,449</b>	<b>-8,497</b>	<b>-3,839</b>	<b>-1,298</b>	<b>-2,868</b>	<b>-204</b>	<b>-249</b>	<b>-895</b>	<b>-32,299</b>

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

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

**TABLE F5: INTERNATIONAL TRADE IN SERVICES CREDITS BY STATE, 1999-00**

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Transportation	2,816	2,001	1,262	122	584	7	72	0	6,865
Travel	5,444	2,369	3,243	392	1,331	96	132	132	13,139
Education related	1,293	959	511	167	389	34	7	62	3,422
Other	4,151	1,410	2,732	225	942	62	125	70	9,717
Communication (a)	568	327	228	166	119	30	13	24	1,475
Construction services	16	1	n.p.	n.p.	n.p.	0	0	0	23
Insurance services	503	263	0	0	0	0	0	0	766
Financial services	422	321	3	0	1	0	0	0	747
Computer & information services	505	97	n.p.	10	7	n.p.	0	0	668
Royalties and licence fees	424	102	17	n.p.	10	n.p.	0	n.p.	572
Other business services	1,839	650	197	23	138	n.p.	n.p.	13	2,904
Merchandising	76	49	n.p.	n.p.	n.p.	n.p.	n.p.	0	283
Other trade related services	183	22	8	n.p.	3	n.p.	n.p.	0	218
Operational leasing services	2	n.p.	n.p.	0	n.p.	n.p.	n.p.	0	15
Professional services	269	128	10	n.p.	21	n.p.	n.p.	3	434
Research and Development	109	99	3	5	9	n.p.	n.p.	n.p.	231
Architectural, engineering and other technical services	393	187	36	n.p.	53	n.p.	n.p.	3	700
Agriculture, mining and on-site processing	19	n.p.	7	n.p.	1	n.p.	n.p.	n.p.	44
Services between affiliated enterprises n.i.e	666	129	13	n.p.	11	n.p.	n.p.	n.p.	823
Other	122	24	2	1	4	n.p.	n.p.	1	156
<b>Confidential items - other business services (b)</b>	0	12	118	17	36	n.p.	n.p.	6	..
Personal, cultural, and recreational services	206	129	n.p.	69	n.p.	n.p.	n.p.	n.p.	475
Audiovisual and related services	127	43	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	175
Other personal, cultural and recreational services	79	86	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	300
Government services n.i.e.	52	17	3	47	22	0	159	435	735
<b>Confidential items (b)</b>	0	0	76	16	20	21	30	26	..
<b>Total</b>	<b>12,795</b>	<b>6,278</b>	<b>5,029</b>	<b>845</b>	<b>2,232</b>	<b>154</b>	<b>405</b>	<b>630</b>	<b>28,369</b>

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

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

**TABLE F6: INTERNATIONAL TRADE IN SERVICES DEBITS BY STATE, 1999-00**

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Transportation	-4,404	-2,709	-1,495	-319	-957	-31	-104	0	-10,018
Travel	-3,954	-2,376	-1,482	-452	-1,168	-82	-112	-210	-9,836
Education related	-212	-158	-105	-26	-53	0	-13	-26	-593
Other	-3,742	-2,218	-1,377	-426	-1,115	-82	-99	-184	-9,243
Communication (a)	-558	-469	-286	-121	-148	-37	-16	-29	-1,664
Construction services	0	0	0	0	0	0	0	0	0
Insurance services	-866	-36	0	0	0	0	0	0	-902
Financial services	-343	-184	0	0	0	0	0	0	-527
Computer & information services	-346	-70	-10	n.p.	-7	n.p.	0	n.p.	-458
Royalties and licence fees	-1,217	-478	-23	-67	n.p.	n.p.	0	n.p.	-1,805
Other business services	-1,434	-1,160	-113	-54	-272	n.p.	n.p.	-8	-3,046
Merchanting and other trade related services	-51	-88	-31	n.p.	-25	n.p.	n.p.	-1	-221
Operational leasing services	n.p.	-665	0	n.p.	n.p.	n.p.	n.p.	n.p.	-942
Professional services	-191	-81	-9	-3	-17	n.p.	n.p.	-2	-306
Research and Development	-44	-40	-1	n.p.	-12	n.p.	n.p.	n.p.	-99
Architectural, engineering and other technical services	-399	-55	-33	-12	-58	n.p.	n.p.	n.p.	-559
Agriculture, mining and on-site processing	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	-149
Services between affiliated enterprises n.i.e	-421	-147	-31	n.p.	-17	n.p.	n.p.	n.p.	-626
Other	-93	n.p.	n.p.	n.p.	-15	n.p.	n.p.	-1	-144
<b>Confidential items - other business services (b)</b>	-235	-84	-8	-39	-128	n.p.	n.p.	-4	..
Personal, cultural, and recreational services	-569	-178	-3	n.p.	n.p.	n.p.	n.p.	n.p.	-808
Audiovisual and related services	-539	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	-683
Other personal, cultural and recreational services	-30	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	-125
Government services n.i.e.	0	0	0	0	0	0	0	-649	-649
<b>Confidential items (b)</b>	0	0	0	-61	-20	-5	-2	-20	..
<b>Total</b>	<b>-13,691</b>	<b>-7,660</b>	<b>-3,412</b>	<b>-1,074</b>	<b>-2,572</b>	<b>-155</b>	<b>-234</b>	<b>-916</b>	<b>-29,713</b>

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

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