

FEATURE ARTICLE

INTERNATIONAL TRADE IN SERVICES BY STATE, 2003-04

INTRODUCTION

This article provides financial year 2003-04, 2002-03 and 2001-02 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 2003-04, 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 2002-03 and 2001-02.

INTERPRETATION OF DATA

Services 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, an indicator for allocating the consumption of telecommunications and postal services by state in the national accounts is used to approximate the state allocation for 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 62528003, or email at k.yeadon@abs.gov.au.

TABLE F1: INTERNATIONAL TRADE IN SERVICES CREDITS (EXPORTS), By State—2003-04

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Transportation	3 078	2 112	1 514	138	702	17	52	—	7 613
Travel	6 680	3 633	4 145	535	1 615	150	126	224	17 108
Business	494	228	357	31	116	10	13	12	1 262
Personal	6 186	3 405	3 788	504	1 498	140	113	212	15 846
Education related	2 184	1 553	912	250	553	54	9	112	5 627
Other	4 002	1 852	2 877	254	945	85	104	100	10 219
Communication(a)	297	191	120	100	63	15	7	46	838
Construction services	6	np	np	—	np	—	—	np	85
Insurance services	450	236	—	—	—	—	—	—	686
Financial services	562	427	4	—	2	—	—	—	995
Computer and information services	930	111	51	1	np	np	np	np	1 126
Royalties and licence fees	365	np	np	32	52	np	np	np	601
Other business services	2 397	679	153	70	222	np	np	24	3 548
Merchandising	115	16	12	np	np	np	np	—	218
Other trade related services	363	27	np	4	np	np	np	np	399
Operational leasing services	8	3	8	—	1	np	np	—	19
Professional services	419	88	np	np	4	np	np	—	556
Research and Development	172	135	3	17	np	np	np	np	354
Architectural, engineering and other technical services	204	158	78	np	89	np	np	np	539
Agriculture, mining and on-site processing	86	4	1	2	11	np	np	np	108
Services between affiliated enterprises n.i.e	843	146	7	4	23	np	np	np	1 024
Other	189	102	8	24	8	np	np	np	331
Confidential items - other business services(b)	—	—	36	18	87	np	np	24	..
Personal, cultural, and recreational services	202	113	75	95	31	np	np	np	523
Audiovisual and related services	83	63	np	np	2	np	np	np	164
Other personal, cultural and recreational services	119	50	np	np	29	np	np	np	359
Government services n.i.e.	42	14	2	10	27	—	274	465	835
Confidential items(b)	—	187	32	—	23	5	1	20	..
Total	15 009	7 702	6 097	981	2 738	186	460	786	33 958

.. not applicable

— nil or rounded to zero (including null cells)

np not available for publication but included in totals where applicable, unless otherwise indicated

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

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

TABLE F2: INTERNATIONAL TRADE IN SERVICES DEBITS (IMPORTS), By State—2003-04

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Transportation	-4 931	-3 022	-2 127	-294	-1 122	-42	-97	—	-11 634
Travel	-4 901	-2 892	-1 958	-535	-1 380	-101	-99	-269	-12 136
Business	-1 241	-748	-404	-116	-299	-12	-15	-71	-2 908
Personal	-3 660	-2 144	-1 554	-419	-1 081	-89	-83	-197	-9 228
Education related	-261	-188	-106	-34	-76	-12	-5	-17	-698
Other	-3 399	-1 956	-1 449	-385	-1 006	-77	-79	-180	-8 530
Communication(a)	-315	-230	-142	-69	-81	-17	-9	-15	-879
Construction services	—	—	—	—	—	—	—	—	—
Insurance services	-839	-35	—	—	—	—	—	—	-874
Financial services	-382	-205	—	—	—	—	—	—	-587
Computer and information services	-786	-189	-4	np	np	np	np	-18	-1 009
Royalties and licence fees	-1 419	-423	-39	-67	-35	—	—	-4	-1 988
Other business services	-1 651	-1 131	-152	-87	-470	np	np	np	-3 515
Merchandising and other trade related services	-74	-47	-10	-11	-51	np	np	np	-192
Operational leasing services	-370	-506	np	np	-15	np	np	np	-916
Professional services	-302	-90	-37	-4	-30	np	np	np	-463
Research and Development	-70	-73	np	—	-33	np	np	np	-194
Architectural, engineering and other technical services	-105	-73	-41	-15	-118	np	np	np	-359
Agriculture, mining and on-site processing	—	-20	np	np	-106	np	np	np	-128
Services between affiliated enterprises n.i.e	-518	-237	-35	-21	-62	np	np	np	-875
Other	-211	-85	-21	-16	-55	np	np	np	-388
Confidential items - other business services(b)	—	—	-9	-20	—	np	np	np	..
Personal, cultural, and recreational services	-694	-112	-6	np	np	np	np	np	-874
Audiovisual and related services	-659	-23	-1	np	np	np	np	np	-708
Other personal, cultural and recreational services	-35	-89	-5	np	np	np	np	np	-166
Government services n.i.e.	—	—	—	—	—	—	—	-756	-756
Confidential items(b)	—	—	—	-43	-26	-1	-6	-21	..
Total	-15 918	-8 239	-4 429	-1 096	-3 114	-162	-211	-1 083	-34 252

.. not applicable

— nil or rounded to zero (including null cells)

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

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

TABLE F3: INTERNATIONAL TRADE IN SERVICES CREDITS (EXPORTS), By State—2002-03

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Transportation	3 106	2 020	1 445	123	694	11	59	—	7 458
Travel	6 071	3 103	3 785	484	1 543	124	149	192	15 452
Business	454	182	319	27	108	8	14	9	1 122
Personal	5 616	2 920	3 467	457	1 435	116	135	183	14 330
Education related	1 793	1 392	801	234	517	45	14	100	4 896
Other	3 823	1 529	2 665	223	918	71	121	83	9 434
Communication(a)	423	232	166	99	82	21	9	50	1 082
Construction services	10	np	np	—	np	np	np	np	85
Insurance services	437	236	—	—	—	—	—	—	673
Financial services	555	423	4	—	2	—	—	—	984
Computer and information services	854	151	63	5	14	np	—	np	1 091
Royalties and licence fees	399	np	44	15	np	np	np	np	618
Other business services	2 405	777	112	100	182	np	np	33	3 638
Merchandising	101	45	6	np	np	np	np	np	174
Other trade related services	279	27	np	np	15	np	np	np	335
Operational leasing services	np	—	np	—	—	np	np	np	27
Professional services	562	126	30	10	4	np	np	np	742
Research and Development	109	136	10	6	10	np	np	np	286
Architectural, engineering and other technical services	217	201	37	3	100	np	np	6	582
Agriculture, mining and on-site processing	np	6	np	np	np	np	np	np	107
Services between affiliated enterprises n.i.e	836	146	13	12	17	np	np	np	1 025
Other	210	84	4	55	7	np	np	np	360
Confidential items - other business services(b)	96	—	19	10	30	np	np	15	..
Personal, cultural, and recreational services	208	142	np	94	40	np	np	np	610
Audiovisual and related services	101	42	np	np	—	np	np	np	152
Other personal, cultural and recreational services	108	101	np	np	40	np	np	np	458
Government services n.i.e.	39	13	4	25	20	—	258	443	802
Confidential items(b)	—	201	112	—	24	12	18	18	..
Total	14 512	7 294	5 741	941	2 603	168	492	742	32 493

.. not applicable

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

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

TABLE F4: INTERNATIONAL TRADE IN SERVICES DEBITS (IMPORTS), By State—2002-03

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Transportation	-4 674	-2 878	-1 900	-319	-1 058	-37	-92	-2	-10 960
Travel	-4 403	-2 728	-1 729	-504	-1 211	-109	-87	-241	-11 012
Business	-1 126	-711	-382	-101	-259	-20	-14	-64	-2 677
Personal	-3 277	-2 017	-1 347	-403	-952	-89	-73	-177	-8 335
Education related	-230	-187	-93	-47	-63	-8	-5	-21	-654
Other	-3 047	-1 830	-1 254	-356	-889	-81	-68	-156	-7 681
Communication(a)	-485	-345	-252	-120	-138	-29	-14	-24	-1 407
Construction services	—	—	—	—	—	—	—	—	—
Insurance services	-820	-36	—	—	—	—	—	—	-856
Financial services	-381	-204	—	—	—	—	—	—	-585
Computer and information services	-732	-167	-8	np	np	np	np	-25	-967
Royalties and licence fees	-1 277	-421	-22	-70	-34	np	np	-4	-1 828
Other business services	-1 713	-1 174	-140	-104	-582	np	np	-20	-3 746
Merchandising and other trade related services	-61	-66	np	-45	-184	np	np	np	-369
Operational leasing services	-438	-501	—	-12	np	np	np	np	-955
Professional services	-342	-102	-17	-5	-34	np	np	-4	-504
Research and Development	-74	np	np	—	—	np	np	np	-133
Architectural, engineering and other technical services	-116	-104	np	-14	-55	np	np	-2	-334
Agriculture, mining and on-site processing	—	np	np	—	-131	np	np	—	-168
Services between affiliated enterprises n.i.e	-463	-231	-52	-5	-67	np	np	—	-819
Other	-219	-94	np	-23	np	np	np	—	-464
Confidential items - other business services(b)	—	-76	-71	—	-111	np	np	-14	..
Personal, cultural, and recreational services	-634	-140	-12	np	np	np	np	-2	-846
Audiovisual and related services	-602	-50	-1	np	np	np	np	np	-680
Other personal, cultural and recreational services	-32	-90	-11	np	np	np	np	np	-166
Government services n.i.e.	—	—	—	—	—	—	—	-684	-684
Confidential items(b)	—	—	-20	-60	—	-4	-8	—	..
Total	-15 120	-8 093	-4 064	-1 177	-3 055	-179	-201	-1 002	-32 891

.. not applicable

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

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

TABLE F5: INTERNATIONAL TRADE IN SERVICES CREDITS (EXPORTS), 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	—	7 665
Travel	6 276	3 084	3 787	473	1 520	122	183	200	15 645
Business	481	187	318	26	108	7	18	11	1 156
Personal	5 795	2 897	3 469	447	1 412	115	165	189	14 489
Education related	1 627	1 263	726	212	469	40	13	91	4 441
Other	4 168	1 634	2 743	235	943	75	152	98	10 048
Communication(a)	372	189	133	97	68	18	6	44	927
Construction services	9	np	np	np	np	np	—	—	101
Insurance services	442	231	—	—	—	—	—	—	673
Financial services	547	415	4	—	—	—	—	—	966
Computer and information services	758	np	np	44	5	np	np	np	981
Royalties and licence fees	338	136	16	np	4	np	np	np	515
Other business services	2 224	746	88	57	197	np	np	23	3 391
Merchandising	126	80	17	—	—	np	np	np	230
Other trade related services	252	37	np	np	np	np	np	1	319
Operational leasing services	np	np	np	np	np	np	np	—	26
Professional services	660	122	9	4	np	np	np	np	802
Research and Development	93	130	np	6	np	np	np	np	257
Architectural, engineering and other technical services	199	167	22	9	121	np	np	6	569
Agriculture, mining and on-site processing	np	np	np	np	np	np	np	np	67
Services between affiliated enterprises n.i.e	662	151	6	np	34	np	np	np	860
Other	185	48	6	10	10	np	np	np	261
Confidential items - other business services(b)	47	11	28	28	32	np	np	16	..
Personal, cultural, and recreational services	231	109	87	95	np	np	np	20	598
Audiovisual and related services	68	8	—	np	np	np	np	np	80
Other personal, cultural and recreational services	163	101	87	np	np	np	np	np	518
Government services n.i.e.	41	19	4	34	18	—	257	416	788
Confidential items(b)	—	179	70	15	54	13	57	11	..
Total	14 445	7 243	5 583	944	2 571	169	582	714	32 250

.. not applicable

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

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

TABLE F6: INTERNATIONAL TRADE IN SERVICES DEBITS (IMPORTS), 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	—	-10 776
Travel	-4 378	-2 781	-1 573	-518	-1 227	-139	-88	-214	-10 918
Business	-1 175	-718	-324	-108	-267	-32	-19	-58	-2 701
Personal	-3 203	-2 063	-1 249	-410	-960	-107	-69	-156	-8 217
Education related	-226	-216	-98	-34	-64	-8	-5	-14	-665
Other	-2 977	-1 847	-1 151	-376	-896	-99	-64	-142	-7 552
Communication(a)	-486	-373	-250	-133	-140	-33	-11	-25	-1 451
Construction services	—	—	—	—	—	—	—	—	—
Insurance services	-820	-36	—	—	—	—	—	—	-856
Financial services	-396	-216	—	—	—	—	—	—	-612
Computer and information services	-761	-102	-4	np	np	np	—	np	-884
Royalties and licence fees	-1 226	-438	-22	-82	np	—	np	np	-1 791
Other business services	-1 569	-1 234	-234	-105	-625	np	np	np	-3 812
Merchandising and other trade related services	-66	-56	np	-71	np	np	np	np	-334
Operational leasing services	np	-555	np	np	np	np	np	np	-948
Professional services	-353	-132	-9	-6	-33	np	np	np	-537
Research and Development	np	-77	—	—	-1	np	np	np	-101
Architectural, engineering and other technical services	-109	-114	np	-10	-83	np	np	np	-407
Agriculture, mining and on-site processing	np	np	np	np	np	np	np	np	-247
Services between affiliated enterprises n.i.e	-564	-191	-40	np	-37	np	np	np	-844
Other	-158	np	-9	-4	np	np	np	np	-394
Confidential items - other business services(b)	-319	-109	-176	-14	-471	np	np	np	. .
Personal, cultural, and recreational services	-750	-72	-6	np	np	np	np	np	-882
Audiovisual and related services	-675	-30	np	np	np	np	np	np	-727
Other personal, cultural and recreational services	-75	-42	np	np	np	np	np	np	-155
Government services n.i.e.	—	—	—	—	—	—	—	-649	-649
Confidential items(b)	—	—	—	-50	-58	-20	-23	-4	. .
Total	-15 008	-8 263	-3 674	-1 224	-3 107	-235	-228	-892	-32 631

. . not applicable

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