

FEATURE ARTICLE

INTERNATIONAL TRADE IN SERVICES BY STATE - 2003

INTRODUCTION

This article provides calendar year data for 2000, 2001, 2002 and 2003 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, classified by state, for 11 broad service types, with more detailed components also shown. Tables F3 to F8 show this information for calendar years 2002, 2001 and 2000.

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 series, 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 requests for 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.

Abbreviation

n.i.e. not included elsewhere

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

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Transportation	3 091	2 089	1 235	137	700	15	58	—	7 325
Travel	6 256	3 246	3 859	493	1 565	134	132	204	15 888
Business	476	198	334	29	114	9	13	11	1 184
Personal	5 780	3 048	3 525	464	1 451	125	119	193	14 704
Education related	1 888	1 410	818	233	515	48	12	101	5 023
Other	3 892	1 638	2 707	231	936	78	107	92	9 681
Communication(a)	372	203	137	117	70	18	8	39	964
Construction services	6	np	4	—	np	—	—	—	77
Insurance services	442	235	—	—	—	—	—	—	677
Financial services	604	388	2	—	—	—	—	—	994
Computer and information services	885	135	56	3	np	np	np	np	1 101
Royalties and licence fees	368	133	41	24	48	np	np	np	619
Other business services	2 451	707	140	67	180	1	—	35	3 581
Merchandising	91	33	14	np	np	np	np	—	167
Other trade related services	277	23	np	3	np	np	—	np	317
Operational leasing services	np	np	np	—	np	—	—	—	23
Professional services	569	115	32	11	5	np	—	np	743
Research and Development	147	118	4	14	7	np	—	np	309
Architectural, engineering and other technical services	222	160	60	3	96	np	np	4	545
Agriculture, mining and on-site processing	np	np	2	np	np	np	np	np	97
Services between affiliated enterprises n.i.e	844	162	11	7	18	—	—	—	1 042
Other	206	92	5	28	7	—	np	—	338
Confidential items - other business services(b)	95	4	12	1	47	1	—	31	..
Personal, cultural, and recreational services	235	np	89	76	35	1	np	9	558
Audiovisual and related services	102	np	np	np	1	np	np	np	163
Other personal, cultural and recreational services	133	70	np	np	34	np	np	np	395
Government services n.i.e.	40	12	4	20	19	—	262	442	799
Confidential items(b)	—	177	—	—	17	—	—	13	..
Total	14 750	7 325	5 567	937	2 634	170	460	742	32 583

.. 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

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Transportation	-4 530	-2 705	-2 266	-293	-1 037	-44	-81	—	-10 956
Travel	-4 539	-2 747	-1 834	-484	-1 206	-108	-79	-245	-11 242
Business	-1 161	-733	-406	-110	-261	-14	-13	-71	-2 769
Personal	-3 378	-2 014	-1 428	-374	-945	-94	-66	-174	-8 473
Education related	-273	-180	-103	-37	-63	-17	-3	-19	-695
Other	-3 105	-1 834	-1 325	-337	-882	-77	-63	-155	-7 778
Communication(a)	-401	-280	-184	-89	-101	-22	np	np	-1 107
Construction services	—	—	—	—	—	—	—	—	—
Insurance services	-828	-36	—	—	—	—	—	—	-864
Financial services	-379	-202	—	—	—	—	—	—	-581
Computer and information services	-774	-186	-4	np	-5	np	—	np	-991
Royalties and licence fees	-1 399	-403	-31	-62	-35	np	np	-4	-1 934
Other business services	-1 685	-1 213	-160	-109	-510	np	np	-18	-3 703
Merchandising and other trade related services	np	-60	-8	-42	-95	np	—	np	-268
Operational leasing services	np	-562	np	np	np	—	—	np	-984
Professional services	-340	-98	-37	-4	-30	np	np	—	-509
Research and Development	-65	np	-3	—	np	np	—	-15	-160
Architectural, engineering and other technical services	-116	-81	-43	-15	-91	—	np	np	-355
Agriculture, mining and on-site processing	—	np	np	np	np	—	—	np	-172
Services between affiliated enterprises n.i.e	-460	-258	-44	-10	-38	np	np	-1	-811
Other	-257	-80	-21	-17	-69	np	np	—	-444
Confidential items - other business services(b)	-447	-74	-4	-21	-187	np	np	-2	..
Personal, cultural, and recreational services	-668	-120	-10	np	-19	np	np	np	-854
Audiovisual and related services	-633	-31	np	np	-4	—	np	np	-691
Other personal, cultural and recreational services	-35	-89	np	np	-15	np	np	np	-163
Government services n.i.e.	—	—	—	—	—	—	—	-711	-711
Confidential items(b)	—	—	—	-46	—	—	-19	-31	..
Total	-15 203	-7 892	-4 489	-1 083	-2 913	-174	-179	-1 009	-32 943

.. 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 F3: 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	3 206	2 102	1 445	127	711	14	67	—	7 672
Travel	6 303	3 141	3 860	482	1 561	124	167	196	15 834
Business	478	187	323	26	110	7	16	10	1 157
Personal	5 825	2 954	3 537	456	1 451	117	151	186	14 677
Education related	1 712	1 328	764	223	493	42	13	96	4 671
Other	4 113	1 626	2 773	233	958	75	138	90	10 006
Communication(a)	409	218	160	98	78	20	8	58	1 049
Construction services	12	np	1	np	np	—	—	np	106
Insurance services	440	233	—	—	—	—	—	—	673
Financial services	551	419	4	—	—	—	—	—	974
Computer and information services	860	134	71	24	7	np	—	np	1 097
Royalties and licence fees	369	np	28	np	np	np	np	9	556
Other business services	2 350	809	91	104	165	np	np	21	3 589
Merchandising	118	64	8	np	4	np	—	2	207
Other trade related services	272	32	np	np	7	—	np	np	340
Operational leasing services	21	—	np	—	np	—	—	—	27
Professional services	663	135	10	9	5	—	—	1	823
Research and Development	101	136	10	5	9	np	—	np	273
Architectural, engineering and other technical services	186	223	28	9	87	np	np	6	575
Agriculture, mining and on-site processing	62	7	np	2	np	—	—	np	99
Services between affiliated enterprises n.i.e	746	160	8	11	24	np	np	—	950
Other	181	52	7	46	9	—	—	—	295
Confidential items - other business services(b)	—	—	20	22	20	3	36	12	..
Personal, cultural, and recreational services	231	127	108	100	40	np	np	18	630
Audiovisual and related services	82	16	np	np	—	np	—	np	104
Other personal, cultural and recreational services	149	111	np	np	40	np	np	np	526
Government services n.i.e.	39	19	4	25	19	—	260	430	796
Confidential items(b)	—	200	—	17	26	15	40	1	..
Total	14 770	7 402	5 772	977	2 607	173	542	733	32 976

.. 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

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Transportation	-4 767	-3 043	-1 644	-326	-1 078	-38	-105	-2	-11 003
Travel	-4 462	-2 846	-1 653	-521	-1 270	-135	-90	-240	-11 217
Business	-1 177	-746	-351	-108	-284	-31	-18	-64	-2 779
Personal	-3 285	-2 100	-1 302	-413	-986	-104	-72	-176	-8 438
Education related	-210	-201	-93	-37	-64	-7	-3	-15	-630
Other	-3 075	-1 899	-1 209	-376	-922	-97	-69	-161	-7 808
Communication(a)	-495	-377	-268	-135	-144	-32	-13	-26	-1 490
Construction services	—	—	—	—	—	—	—	—	—
Insurance services	-820	-36	—	—	—	—	—	—	-856
Financial services	-388	-210	—	—	—	—	—	—	-598
Computer and information services	-767	-123	-8	np	-10	np	—	-25	-955
Royalties and licence fees	-1 265	-459	-23	-82	-29	np	np	np	-1 862
Other business services	-1 681	-1 102	-200	-108	-585	np	np	-14	-3 718
Merchandising and other trade related services	-61	-61	np	-66	np	—	np	np	-378
Operational leasing services	np	-418	np	np	np	—	—	—	-883
Professional services	-351	-118	-13	np	-37	np	np	-4	-530
Research and Development	-59	np	-1	—	—	np	—	np	-117
Architectural, engineering and other technical services	-117	-132	np	-12	-70	np	—	-1	-392
Agriculture, mining and on-site processing	np	np	np	np	np	—	np	—	-160
Services between affiliated enterprises n.i.e	-532	-210	-48	-7	-76	np	np	np	-873
Other	-165	-89	-12	-17	np	np	np	—	-385
Confidential items - other business services(b)	-396	-74	-126	-6	-402	np	np	-9	..
Personal, cultural, and recreational services	-709	-113	-9	np	-20	np	—	np	-891
Audiovisual and related services	-655	-53	np	np	np	np	—	—	-734
Other personal, cultural and recreational services	-54	-60	np	np	np	np	—	np	-157
Government services n.i.e.	—	—	—	—	—	—	—	-671	-671
Confidential items(b)	—	—	—	-61	—	-15	-13	-5	..
Total	-15 354	-8 309	-3 805	-1 233	-3 136	-220	-221	-983	-33 261

.. 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

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Transportation	3 341	2 201	1 452	140	735	13	85	—	7 967
Travel	6 271	3 006	3 781	474	1 506	116	182	193	15 529
Business	480	181	315	27	107	7	17	11	1 145
Personal	5 791	2 825	3 466	447	1 399	109	165	182	14 384
Education related	1 588	1 234	708	207	457	39	13	89	4 335
Other	4 203	1 591	2 758	240	942	70	152	93	10 049
Communication(a)	425	228	150	115	78	20	8	52	1 076
Construction services	23	np	np	np	np	np	—	—	87
Insurance services	446	233	—	—	—	—	—	—	679
Financial services	534	406	4	—	—	—	—	—	944
Computer and information services	646	np	np	35	9	np	—	np	827
Royalties and licence fees	383	144	26	np	6	np	—	np	577
Other business services	2 190	674	100	48	211	np	np	17	3 301
Merchandising	110	62	20	np	np	np	—	np	205
Other trade related services	247	35	np	np	—	—	—	np	301
Operational leasing services	np	np	np	—	np	—	—	—	25
Professional services	646	101	11	1	12	np	np	np	773
Research and Development	85	136	np	8	10	np	—	np	254
Architectural, engineering and other technical services	203	140	32	7	129	np	np	5	569
Agriculture, mining and on-site processing	np	np	np	np	11	—	—	np	47
Services between affiliated enterprises n.i.e	664	113	10	4	24	np	—	np	815
Other	212	77	1	8	12	np	np	1	312
Confidential items - other business services(b)	23	10	26	20	13	7	54	11	..
Personal, cultural, and recreational services	187	84	64	72	np	2	np	22	480
Audiovisual and related services	80	7	np	np	np	—	—	np	91
Other personal, cultural and recreational services	107	77	np	np	np	2	np	np	389
Government services n.i.e.	41	12	3	48	18	—	255	402	779
Confidential items(b)	—	137	58	13	36	7	70	8	..
Total	14 487	7 125	5 638	945	2 599	158	600	694	32 246

.. 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 F6: INTERNATIONAL TRADE IN SERVICES DEBITS (IMPORTS), By State—2001

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Transportation	-4 765	-3 084	-1 633	-371	-1 112	-42	-110	—	-11 117
Travel	-4 431	-2 772	-1 599	-520	-1 258	-127	-96	-218	-11 021
Business	-1 197	-724	-334	-105	-266	-26	-21	-62	-2 735
Personal	-3 234	-2 048	-1 265	-415	-992	-101	-75	-156	-8 286
Education related	-236	-227	-103	-36	-67	-8	-5	-16	-698
Other	-2 998	-1 821	-1 162	-379	-925	-93	-70	-140	-7 588
Communication(a)	-534	-424	-272	-126	-150	-36	-14	-28	-1 585
Construction services	—	—	—	—	—	—	—	—	—
Insurance services	-819	-35	—	—	—	—	—	—	-854
Financial services	-390	-212	—	—	—	—	—	—	-602
Computer and information services	-723	-84	-8	np	np	—	np	np	-833
Royalties and licence fees	-1 161	-396	-24	-81	-19	np	np	—	-1 681
Other business services	-1 425	-1 415	-192	-112	-484	np	np	-3	-3 670
Merchandising and other trade related services	-76	np	-18	np	-73	np	—	np	-297
Operational leasing services	np	-779	np	np	np	—	—	np	-1 090
Professional services	-301	-113	-10	-5	-23	np	np	-1	-456
Research and Development	-16	-90	—	—	-2	—	np	np	-108
Architectural, engineering and other technical services	-129	-85	np	-18	-61	np	np	np	-383
Agriculture, mining and on-site processing	np	np	np	np	np	—	—	—	-204
Services between affiliated enterprises n.i.e	-511	-184	-36	-13	-25	np	np	—	-769
Other	-141	-86	-18	-5	-113	np	np	—	-363
Confidential items - other business services(b)	-251	-78	-110	-71	-187	np	np	-2	..
Personal, cultural, and recreational services	-619	-87	-3	np	np	np	—	np	-765
Audiovisual and related services	-568	np	np	np	np	—	—	—	-632
Other personal, cultural and recreational services	-51	np	np	np	np	np	—	np	-133
Government services n.i.e.	—	—	—	—	—	—	—	-639	-639
Confidential items(b)	—	—	—	-58	-13	-12	-27	-3	..
Total	-14 867	-8 509	-3 731	-1 268	-3 036	-217	-247	-891	-32 767

.. 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 F7: INTERNATIONAL TRADE IN SERVICES CREDITS (EXPORTS), By State—2000

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Transportation	3 167	2 022	1 352	142	685	9	82	—	7 459
Travel	6 147	2 657	3 496	428	1 387	100	144	165	14 524
Business	524	173	319	28	108	7	15	9	1 183
Personal	5 623	2 484	3 177	400	1 279	93	129	156	13 341
Education related	1 385	1 078	618	181	399	35	11	77	3 784
Other	4 238	1 406	2 559	219	880	58	118	79	9 557
Communication(a)	581	343	239	157	122	33	16	37	1 528
Construction services	np	—	np	np	np	—	—	—	34
Insurance services	490	260	—	—	—	—	—	—	750
Financial services	510	388	4	—	—	—	—	—	902
Computer and information services	638	107	np	np	10	np	—	—	812
Royalties and licence fees	447	125	17	13	8	np	np	4	614
Other business services	1 967	734	171	34	143	np	np	15	3 127
Merchandising	83	61	np	np	np	np	—	np	215
Other trade related services	252	21	8	np	1	—	np	—	284
Operational leasing services	2	np	np	—	np	—	—	—	13
Professional services	339	123	19	3	np	np	—	np	507
Research and Development	91	127	2	4	7	np	—	np	238
Architectural, engineering and other technical services	354	187	73	4	85	np	np	4	759
Agriculture, mining and on-site processing	6	np	np	np	—	—	—	np	24
Services between affiliated enterprises n.i.e	695	174	10	5	12	np	—	np	896
Other	145	33	2	2	7	np	np	2	191
Confidential items - other business services(b)	—	8	57	16	31	—	52	9	. .
Personal, cultural, and recreational services	—	98	35	62	np	np	np	29	1 558
Audiovisual and related services	—	35	np	np	np	—	—	np	1 263
Other personal, cultural and recreational services	83	63	np	np	np	np	np	np	295
Government services n.i.e.	39	11	2	57	22	—	259	432	822
Confidential items(b)	1 339	—	48	11	14	14	62	—	. .
Total	15 325	6 745	5 364	904	2 391	156	563	682	32 130

. . 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 F8: INTERNATIONAL TRADE IN SERVICES DEBITS (IMPORTS), By State—2000

	NSW	VIC	QLD	SA	WA	TAS	NT	ACT	Australia Total
	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m	\$m
Transportation	-4 781	-2 907	-1 611	-357	-1 049	-38	-117	—	-10 860
Travel	-4 248	-2 558	-1 566	-492	-1 249	-98	-106	-209	-10 526
Business	-1 191	-700	-340	-100	-256	-15	-24	-66	-2 692
Personal	-3 057	-1 858	-1 226	-392	-993	-83	-82	-143	-7 834
Education related	-209	-160	-99	-31	-68	-5	-5	-13	-590
Other	-2 848	-1 698	-1 127	-361	-925	-78	-77	-130	-7 244
Communication(a)	-626	-506	-315	-134	-169	-42	-17	-34	-1 843
Construction services	—	—	—	—	—	—	—	—	—
Insurance services	-866	-36	—	—	—	—	—	—	-902
Financial services	-388	-209	—	—	—	—	—	—	-597
Computer and information services	-731	-85	-11	np	-4	np	np	np	-857
Royalties and licence fees	-1 171	-458	-21	-75	-22	np	—	np	-1 748
Other business services	-1 340	-1 108	-161	-78	-212	np	np	-1	-2 905
Merchandising and other trade related services	-62	-75	-26	np	-31	np	—	np	-224
Operational leasing services	-264	-615	np	np	np	—	—	np	-895
Professional services	-191	-82	-10	-5	-15	np	np	-1	-309
Research and Development	-27	-40	—	-1	-13	np	—	np	-81
Architectural, engineering and other technical services	-292	-67	np	-29	-19	np	np	np	-464
Agriculture, mining and on-site processing	—	np	np	np	np	—	—	—	-130
Services between affiliated enterprises n.i.e	-433	-168	-30	-10	-21	np	—	—	-662
Other	-71	np	np	-1	-13	np	np	np	-140
Confidential items - other business services(b)	—	-61	-95	-32	-100	np	np	np	..
Personal, cultural, and recreational services	-565	-184	-3	np	—	—	np	np	-811
Audiovisual and related services	-521	np	np	np	np	—	—	np	-670
Other personal, cultural and recreational services	-44	np	np	np	np	—	np	np	-141
Government services n.i.e.	—	—	—	—	—	—	—	-650	-650
Confidential items(b)	—	—	—	-64	—	-1	-5	-21	..
Total	-14 716	-8 051	-3 688	-1 200	-2 705	-179	-245	-915	-31 699

.. 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