

8A Emergency management — attachment

Definitions for the indicators and descriptors in this attachment are in section 8.8 in the chapter. Data in this Report are examined by the Emergency Management Working Group, but have not been formally audited by the Secretariat. A peer review process is also undertaken by the Emergency Management Working Group in the development of data definitions. Unsourced information was obtained from the Australian, State and Territory governments, with the assistance of the Australasian Fire Authorities Council and the Convention of Ambulance Authorities.

This file is available in Adobe PDF format on the Review web page (www.pc.gov.au/gsp/2004/index.html). Users without Internet access can contact the Secretariat to obtain these tables (see details on the inside front cover of the Report).

All jurisdictions — fire services

Table 8A.1

Table 8A.1 Real major sources of fire services funding (2002-03 dollars) (a)

Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT (g)	NT (h)	Total
1998-99									
Government grants (i)									
State/Territory	26.0	20.5	21.0	73.2	37.0	6.0	77.0	100.0	45.1
Local	14.0	15.5	21.0	71.0	30.5	6.0	77.0	100.0	41.9
Levies	12.0	5.0	-	2.2	6.5	-	-	-	3.2
On insurance companies	74.0	66.5	74.0	25.0	62.0	73.0	-	-	46.8
On property owners	74.0	66.5	-	25.0	62.0	20.0	-	-	30.9
User charges	-	-	74.0	-	-	53.0	-	-	15.9
Miscellaneous	-	2.0	4.0	-	-	18.0	21.0	-	5.6
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Government revenue	26.0	20.5	21.0	73.2	37.0	6.0	77.0	100.0	45.1
Other revenue	74.0	78.5	79.0	25.0	63.5	94.0	23.0	-	54.6
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Government revenue	\$m 107.5	\$m 77.4	\$m 56.9	\$m 23.4	\$m 23.9	\$m 9.9	\$m 9.6	\$m 5.8	\$m 314.5
Other revenue	\$m 305.9	\$m 220.3	\$m 162.1	\$m 66.5	\$m 68.2	\$m 28.3	\$m 27.4	\$m 16.6	\$m 895.2
Total	\$m 413.4	\$m 297.7	\$m 219.0	\$m 89.9	\$m 92.1	\$m 38.2	\$m 37.1	\$m 22.5	\$m 1 209.7

Table 8A.1

	Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT (g)	NT (h)	Total
1999-2000										
Government grants (i)	%	16.8	22.5	18.4	42.6	-	8.5	70.3	95.3	21.0
Australian	%	-	-	-	0.7	-	0.5	-	4.4	0.1
State/Territory	%	14.4	16.5	18.4	33.4	-	8.0	70.3	91.0	17.9
Local	%	2.3	6.0	-	8.6	-	-	-	-	2.9
Levies	%	77.2	70.1	74.4	51.5	95.2	74.4	-	-	71.9
On insurance companies	%	68.0	70.1	-	51.5	-	20.3	-	-	45.0
On property owners	%	9.2	-	74.4	0.0	95.2	54.1	-	-	26.9
User charges	%	1.4	4.4	5.5	2.5	2.9	15.8	29.0	3.0	4.0
Miscellaneous	%	4.6	3.0	1.8	3.4	1.9	1.3	0.7	1.6	3.1
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Government revenue	%	16.8	22.5	18.4	42.6	-	8.5	70.3	95.3	21.0
Other revenue	%	83.2	77.5	81.6	57.4	100.0	91.5	29.7	4.7	79.0
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Government revenue	\$m	77.9	67.7	44.6	45.4	-	3.2	15.9	20.3	275.0
Other revenue	\$m	386.4	233.2	197.4	61.1	115.2	34.4	6.7	1.0	1 035.4
Total	\$m	464.3	300.9	241.9	106.5	115.2	37.6	22.7	21.3	1 310.4

Table 8A.1

	Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT (g)	NT (h)	Total
2000-01										
Government grants (i)	%	24.4	29.2	17.2	36.9	0.4	11.2	73.5	91.7	24.8
Australian	%	0.1	0.5	0.9	0.8	0.4	0.5	-	8.7	0.6
State/Territory	%	12.4	23.1	16.3	26.7	0.0	10.8	73.5	82.9	18.0
Local	%	12.0	5.6	-	9.3	-	-	-	-	6.1
Levies	%	71.3	64.8	77.4	55.2	94.1	71.3	-	-	69.0
On insurance companies	%	71.3	63.9	0.0	55.1	-	20.3	-	-	44.6
On property owners	%	-	0.9	77.3	0.1	94.1	51.0	-	-	24.5
User charges	%	2.3	5.0	4.0	3.7	2.9	14.4	25.0	6.2	4.3
Miscellaneous	%	2.0	1.0	1.5	4.3	2.7	3.1	1.4	2.1	1.9
Indirect revenue (i)	%	-	-	-	-	-	-	50.9	1.1	1.0
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Direct government revenue	%	24.4	29.2	17.2	36.9	0.4	11.2	22.7	90.6	23.7
Indirect government revenue and other revenue	%	75.6	70.8	82.8	63.1	99.6	88.8	77.3	9.4	76.3
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Direct government revenue	\$m	110.2	95.1	43.2	37.6	0.5	4.4	5.9	19.9	316.8
Indirect government revenue and other revenue	\$m	341.6	230.8	208.0	64.4	115.6	35.0	20.1	2.1	1 017.4
Total	\$m	451.8	325.9	251.2	101.9	116.0	39.4	26.0	22.0	1 334.2

Table 8A.1

	Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT (g)	NT (h)	Total
2001-02										
Government grants (i)	%	20.5	22.2	18.8	36.8	0.6	8.8	98.1	96.4	21.9
Australian	%	1.3	0.4	0.9	0.8	0.6	0.5	-	10.0	1.0
State/Territory	%	11.4	16.3	17.9	26.1	-	8.4	98.1	86.4	16.0
Local	%	7.9	5.4	-	9.9	-	-	-	-	5.0
Levies	%	65.7	71.1	74.6	58.8	93.7	73.3	-	-	68.6
On insurance companies	%	62.9	69.9	0.1	58.8	-	25.0	-	-	45.5
On property owners	%	2.7	1.2	74.5	0.1	93.7	48.3	-	-	23.1
User charges	%	1.9	3.6	4.1	1.9	3.8	13.9	0.5	3.4	3.2
Miscellaneous	%	11.9	3.0	2.5	2.5	1.9	4.0	1.4	0.2	6.2
Indirect revenue (i)	%	-	-	-	-	-	-	11.1	-	0.2
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Direct government revenue	%	20.5	22.2	18.8	36.8	0.6	8.8	87.0	96.4	21.7
Indirect government revenue and other revenue	%	79.5	77.8	81.2	63.2	99.4	91.2	13.0	3.6	78.3
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Direct government revenue	\$m	116.5	76.7	49.4	35.2	0.7	3.7	22.2	13.5	317.8
Indirect government revenue and other revenue	\$m	451.0	268.5	214.1	60.5	107.8	37.9	3.3	0.5	1 143.6
Total	\$m	567.5	345.2	263.5	95.7	108.5	41.5	25.5	14.0	1 461.4

Table 8A.1

	Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT (g)	NT (h)	Total
2002-03										
Government grants (i)	%	18.6	25.0	20.9	36.6	0.1	12.3	98.8	89.7	22.1
Australian	%	1.0	0.4	0.8	0.6	0.1	0.4	-	1.9	0.8
State/Territory	%	10.1	19.4	20.1	26.1	-	12.0	98.8	87.8	16.5
Local	%	7.6	5.3	-	9.9	-	-	-	-	4.9
Levies	%	59.4	67.8	71.7	59.3	93.4	72.5	-	-	64.9
On insurance companies	%	56.9	66.2	0.1	59.2	-	30.8	-	-	42.7
On property owners	%	2.5	1.6	71.7	0.0	93.4	41.7	-	-	22.2
User charges	%	3.0	2.9	4.8	1.8	2.8	11.9	0.5	10.0	3.5
Miscellaneous	%	18.9	4.3	2.5	2.3	3.7	3.3	0.7	0.3	9.5
Indirect revenue (i)	%	0.1	-	-	-	-	-	10.8	-	0.2
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Direct government revenue	%	18.5	25.0	20.9	36.6	0.1	12.3	88.1	89.7	21.9
Indirect government revenue and other revenue	%	81.5	75.0	79.1	63.4	99.9	87.7	11.9	10.3	78.1
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Direct government revenue	\$m	118.5	94.6	59.5	36.5	0.1	5.9	22.6	13.9	352.6
Indirect government revenue and other revenue	\$m	522.4	283.2	225.0	63.2	119.7	42.0	3.1	1.6	1 260.2
Total	\$m	641.0	377.8	284.5	99.7	119.8	47.9	25.7	15.5	1 612.8

(a) Real expenditure is based on the Australian Bureau of Statistics (ABS) GDP price deflator 2002-03 = 100 (table A.26). Due to differences in definitions and counting rules, data reported may differ from those in agency annual reports and other sources. Totals may not sum as a result of rounding.

(b) NSW Fire Services data for 1999-2000 are artificially inflated by abnormal items of \$23 million.

(c) In Victorian data for 1998-99, the proportions of principal funding contributions from State Governments, local governments and insurance companies are established in legislation. The actual proportions received may vary as a result of the level of income from user charges and other income sources. The first year of funding for a special resources initiative in Victoria was 2000-01.

(d) Government grants for Queensland in 2002-03 include a 6 per cent equity return funded by the State Government, equal to \$15 032.

(e) WA data for 1998-99 do not include Bush Fire Brigades, which are the responsibility of local government.

Table 8A.1

<i>Unit</i>	<i>NSW (b)</i>	<i>Vic (c)</i>	<i>Qld (d)</i>	<i>WA (e)</i>	<i>SA (f)</i>	<i>Tas</i>	<i>ACT (g)</i>	<i>NT (h)</i>	<i>Total</i>
(f)	Other income for SA in 1998-99 includes \$1 million received from AUSAID for reimbursement of costs of the Indonesian Fire Suppression Exercise. The large increase in SA funding between 1998-99 and 1999-2000 is due to the \$12.1 million Government Radio Network, the estimated \$2.5 million for enterprise bargaining, the estimated \$1.5 million in CPI adjustments and capital investment increases. The SA increase in Australian Government grants in 2002-03 is due to the Country Fire Service matching Australian Government funding.								
(g)	The ACT data for 1998-99 include funds for all four response agencies under the Emergency Services Bureau: the ACT Fire Brigade, ACT Bushfire Service, ACT Emergency Service and ACT Ambulance Service. The ACT funding change for 2000-01 reflects the revised method of attributing funds to the Emergency Services Bureau by event type. The high contribution by the ACT Government in 2001-02 reflects the cessation of the Emergency Services Levy and that the ACT Government has funded an expected revenue shortfall pending the finalisation of negotiations with the Australian Government on an agreement for the provision of fire services. The Australian Government has made interim payments to the ACT for 2001-02 and 2002-03.								
(h)	NT data for 1999-2000 include an Australian Government (National Heritage Trust) grant for a fire management research project. The large decrease in NT funding between 2000-01 and 2001 02 is mainly due to a reduction in capital items expenditure.								
(i)	Indirect revenue is counted in government grants. The totals are the sum of government grants, levies, user charges and miscellaneous revenue. Indirect revenue is shown separately (where government grants are shown net of indirect revenue, and indirect revenue is included in indirect government and other revenue) and is, therefore, not to be interpreted as an additional amount.								

– Nil or rounded to zero.

Source : State and Territory Governments (unpublished).

Table 8A.2

Table 8A.2 Reported fires and other primary incidents attended to by fire services (a), (b)

2000-01	Unit	NSW (c)	Vic (d)	Qld (e)	WA	SA	Tas	ACT (f)	NT (g)	Aust
	Fires									
	Fires in a structure, involving a structure	no. 7 435	6 365	2 493	1 389	1 965	770	na	na	na
	Landscape fires, bush and grass	no. 18 364	7 969	15 003	11 842	3 572	2 697	na	na	na
	Other fires	no. 20 114	10 316	5 248	4 143	3 382	1 208	na	na	na
	Total fires	no. 45 913	24 650	22 744	17 374	8 919	4 675	na	na	na
	Other emergencies and incidents									
	Nonfire rescue calls including road rescue	no. 7 675	7 105	7 268	750	2 819	431	na	na	na
	Hazardous conditions	no. 11 810	5 766	2 771	1 084	1 786	320	na	na	na
	Calls to floods, storm and tempest and other natural disasters	no. 5 075	3 410	2 270	628	1 696	321	na	na	na
	Good intent calls	no. 10 300	8 776	4 027	1 631	1 088	978	na	172	na
	Malicious false calls	no. 6 376	4 401	1 718	387	1 023	203	na	na	na
	System initiated false alarms	no. 41 949	9 521	13 550	5 173	4 376	1 113	na	2 556	na
	Other	no. 6 314	4 777	7 260	1 732	5 407	2 123	7 780	303	35 696
	Total other emergencies and incidents	no. 89 499	43 756	38 864	11 385	18 195	5 489	7 780	3 031	217 999
	Total fires, other emergencies and incidents	no. 135 412	68 406	61 608	28 759	27 114	10 164	na	na	na

Table 8A.2

	Unit	NSW (c)	Vic (d)	Qld (e)	WA	SA	Tas	ACT (f)	NT (g)	Aust
Fires										
Fires in a structure, involving a structure	%	16.2	25.8	11.0	8.0	22.0	16.5	na	na	na
Landscape fires, bush and grass	%	40.0	32.3	66.0	68.2	40.0	57.7	na	na	na
Other fires	%	43.8	41.8	23.1	23.8	37.9	25.8	na	na	na
Total fires	%	100.0	100.0	100.0	100.0	100.0	100.0	na	na	na
Other emergencies and incidents										
Nonfire rescue calls including road rescue	%	8.6	16.2	18.7	6.6	15.5	7.9	na	na	na
Hazardous conditions	%	13.2	13.2	7.1	9.5	9.8	5.8	na	na	na
Calls to floods, storm and tempest and other natural disasters	%	5.7	7.8	5.8	5.5	9.3	5.8	na	na	na
Good intent calls	%	11.5	20.1	10.4	14.3	6.0	17.8	na	5.7	na
Malicious false calls	%	7.1	10.1	4.4	3.4	5.6	3.7	na	na	na
System initiated false alarms	%	46.9	21.8	34.9	45.4	24.1	20.3	na	84.3	na
Other	%	7.1	10.9	18.7	15.2	29.7	38.7	na	10.0	na
Total other emergencies and incidents	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total fires, other emergencies and incidents	%	33.9	36.0	36.9	60.4	32.9	46.0	na	na	na
Total other emergencies and incidents	%	66	64	63	40	67	54	na	na	na
Total fires, other emergencies and incidents	%	100.0	100.0	100.0	100.0	100.0	100.0	na	na	na

Table 8A.2

	Unit	NSW (c)	Vic (d)	Qld (e)	WA	SA	Tas	ACT (f)	NT (g)	Aust
2001-02										
Fires										
Fires in a structure, involving a structure	no.	7 844	6 345	2 484	1 466	1 906	762	na	na	na
Landscape fires, bush and grass	no.	21 297	6 570	15 667	11 309	3 630	2 256	na	na	na
Other fires	no.	20 156	9 653	5 361	4 128	3 526	1 221	na	na	na
Total fires	no.	49 297	22 568	23 512	16 903	9 062	4 239	na	na	na
Other emergencies and incidents										
Nonfire rescue calls including road rescue	no.	9 658	7 174	8 395	833	3 201	397	na	na	na
Hazardous conditions	no.	12 972	6 120	3 307	1 142	1 996	296	na	na	na
Calls to floods, storm and tempest and other natural disasters	no.	5 877	3 257	2 107	635	1 385	241	na	na	na
Good intent calls	no.	11 773	8 269	4 214	1 534	1 118	988	na	630	na
Malicious false calls	no.	6 187	3 380	1 523	359	959	187	na	600	na
System initiated false alarms	no.	44 129	9 158	13 529	5 636	4 389	1 235	na	2 127	na
Other	no.	6 349	4 900	6 374	1 858	5 228	2 019	7 692	607	35 027
Total other emergencies and incidents	no.	96 945	42 258	39 449	11 997	18 276	5 363	na	na	na
Total fires, other emergencies and incidents	no.	146 242	64 826	62 961	28 900	27 338	9 602	na	na	na

Table 8A.2

	Unit	NSW (c)	Vic (d)	Qld (e)	WA	SA	Tas	ACT (f)	NT (g)	Aust
Fires										
Fires in a structure, involving a structure	%	15.9	28.1	10.6	8.7	21.0	18.0	na	na	na
Landscape fires, bush and grass	%	43.2	29.1	66.6	66.9	40.1	53.2	na	na	na
Other fires	%	40.9	42.8	22.8	24.4	38.9	28.8	na	na	na
Total fires	%	100.0	100.0	100.0	100.0	100.0	100.0	na	na	na
Other emergencies and incidents										
Nonfire rescue calls including road rescue	%	10.0	17.0	21.3	6.9	17.5	7.4	na	na	na
Hazardous conditions	%	13.4	14.5	8.4	9.5	10.9	5.5	na	na	na
Calls to floods, storm and tempest and other natural disasters	%	6.1	7.7	5.3	5.3	7.6	4.5	na	na	na
Good intent calls	%	12.1	19.6	10.7	12.8	6.1	18.4	na	na	na
Malicious false calls	%	6.4	8.0	3.9	3.0	5.2	3.5	na	na	na
System initiated false alarms	%	45.5	21.7	34.3	47.0	24.0	23.0	na	na	na
Other	%	6.5	11.6	16.2	15.5	28.6	37.6	na	na	na
Total other emergencies and incidents	%	100.0	100.0	100.0	100.0	100.0	100.0	na	na	na
Total fires, other emergencies and incidents	%	33.7	34.8	37.3	58.5	33.1	44.1	na	na	na
Total other emergencies and incidents	%	66.3	65.2	62.7	41.5	66.9	55.9	na	na	na
Total fires, other emergencies and incidents	%	100.0	100.0	100.0	100.0	100.0	100.0	na	na	na

Table 8A.2

	Unit	NSW (c)	Vic (d)	Qld (e)	WA	SA	Tas	ACT (f)	NT (g)	Aust
2002-03										
Fires										
Fires in a structure, involving a structure	no.	7 301	6 128	2 504	1 398	1 906	780	280	130	20 427
Landscape fires, bush and grass	no.	21 510	8 005	13 042	9 072	3 642	2 737	623	2 137	60 768
Other fires	no.	18 084	10 255	5 319	4 226	3 344	1 211	640	284	43 363
Total fires	no.	46 895	24 388	20 865	14 696	8 892	4 728	1 543	2 551	124 558
Other emergencies and incidents										
Nonfire rescue calls including road rescue	no.	10 529	6 856	9 231	817	3 347	393	1 096	517	32 786
Hazardous conditions	no.	13 012	6 422	3 078	1 097	1 877	344	443	209	26 482
Calls to floods, storm and tempest and other natural disasters	no.	5 258	3 880	2 450	585	1 639	275	699	–	14 786
Good intent calls	no.	11 357	8 516	4 540	1 652	1 236	921	690	53	28 965
Malicious false calls	no.	6 491	3 002	1 728	320	765	170	242	127	12 845
System initiated false alarms	no.	48 253	10 179	16 042	6 079	4 599	1 149	4 744	2 202	93 247
Other	no.	7 419	4 768	4 280	1 757	5 582	2 410	316	813	27 345
Total other emergencies and incidents	no.	102 319	43 623	41 349	12 307	19 045	5 662	8 230	3 921	236 456
Total fires, other emergencies and incidents	no.	149 214	68 011	62 214	27 003	27 937	10 390	9 773	6 472	361 014

Table 8A.2

	Unit	NSW (c)	Vic (d)	Qld (e)	WA	SA	Tas	ACT (f)	NT (g)	Aust
Fires										
Fires in a structure, involving a structure	%	15.6	25.1	12.0	9.5	21.4	16.5	18.1	5.1	16.4
Landscape fires, bush and grass	%	45.9	32.8	62.5	61.7	41.0	57.9	40.4	83.8	48.8
Other fires	%	38.6	42.0	25.5	28.8	37.6	25.6	41.5	11.1	34.8
Total fires	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Other emergencies and incidents										
Nonfire rescue calls including road rescue	%	10.3	15.7	22.3	6.6	17.6	6.9	13.3	13.2	13.9
Hazardous conditions	%	12.7	14.7	7.4	8.9	9.9	6.1	5.4	5.3	11.2
Calls to floods, storm and tempest and other natural disasters	%	5.1	8.9	5.9	4.8	8.6	4.9	8.5	0.0	6.3
Good intent calls	%	11.1	19.5	11.0	13.4	6.5	16.3	8.4	1.4	12.2
Malicious false calls	%	6.3	6.9	4.2	2.6	4.0	3.0	2.9	3.2	5.4
System initiated false alarms	%	47.2	23.3	38.8	49.4	24.1	20.3	57.6	56.2	39.4
Other	%	7.3	10.9	10.4	14.3	29.3	42.6	3.8	20.7	11.6
Total other emergencies and incidents	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total fires, other emergencies and incidents	%	31.4	35.9	33.5	54.4	31.8	45.5	15.8	39.4	34.5
Total other emergencies and incidents	%	68.6	64.1	66.5	45.6	68.2	54.5	84.2	60.6	65.5
Total fires, other emergencies and incidents	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 8A.2

	Unit	NSW (c)	Vic (d)	Qld (e)	WA	SA	Tas	ACT (f)	NT (g)	Aust
Three year growth rate										
Fires	%	2.1	-1.1	-8.3	-15.4	-0.3	1.1	na	na	na
Other emergencies and incidents	%	14.3	-0.3	6.4	8.1	4.7	3.2	5.8	29.4	8.5

(a) Data in table 8A.2 may vary from earlier publications as data have been updated to reflect late submission of incident reports or changes to data due to the application of data quality method.

(b) Data in this table may be different to other tables in the chapter as these data only reflect responses from fire services. These data report the type of incident that reflects the most serious situation as determined by operational personnel after arriving at the scene and not the incident type relayed by the communication centre.

(c) Due to industrial bans NSW 2000-01 data are derived from a sample representing 85 per cent of the incidents. NSW 2000-01 data for areas serviced by the NSW Rural Fire Service have been derived from one third of Rural Fire Districts. The increase in incident levels for 2001-02 is due to the expansion of the incident reporting system to all Rural Fire Districts.

(d) Victorian landscape fires data for 2001-02 do not include incidents from the Department of Sustainability and Environment. Victorian landscape fires data for 2002-03 include 857 incidents from the Department of Sustainability and Environment. These burnt nearly 1.2 million hectares.

(e) In Queensland, accurate identification of incidents attended by both the Queensland Fire and Rescue Service (QFRS) urban and rural crews is not possible at this stage. Reporting of incident attendance by QFRS rural crews is incomplete due to voluntary reporting procedures. The extent of under reporting is unknown. It is expected, however, that both these anomalies will be addressed in the next 12 months.

(f) In the ACT, the January 2003 bushfires included in the 2002-03 data have been counted as one event.

(g) NT data exclude the NT BushFires Council and some NT Fire and Rescue Service volunteer brigades.

na Not available. – Nil or rounded to zero.

Source: State and Territory governments (unpublished).

Table 8A.3

Table 8A.3 Fire services and land management agencies reported total landscape fires (bush and grass) incidents (number) (a), (b)

	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld (e)</i>	<i>WA (f)</i>	<i>SA</i>	<i>Tas (g)</i>	<i>ACT (h)</i>	<i>NT (i)</i>	<i>Aust</i>
2001-02	21 739	6 583	15 667	4 173	3 768	1 641	120	3 479	57 170
2002-03	21 942	8 862	13 042	9 597	3 642	2 737	623	2 137	62 582

- (a) Financial data for 2001-02 and 2002-03 exclude funding for land management agencies.
- (b) These data may be different to those reported elsewhere in the chapter because these data reflect responses from fire and other services for some jurisdictions.
- (c) NSW data include fires from land management agencies and the Rural Fire Service for all bush and grass fires regardless of size of area burnt.
- (d) Victorian for 2001-02 do not include incidents from the Department of Sustainability and Environment. Victorian data for 2002-03 include 857 incidents from the Department of Sustainability and Environment. These incidents burnt nearly 1.2 million hectares.
- (e) In Queensland, accurate identification of incidents attended by both QFRS urban and rural crews is not possible at this stage. Reporting of incident attendance by QFRS rural crews is incomplete due to voluntary reporting procedures. The extent of under reporting is unknown. It is expected, however, that both these anomalies will be addressed in the next 12 months.
- (f) WA data for 2001-02 include fires for area burnt greater than one hectare. The total number of landscape fires is comprised of 3680 (Fire and Emergency Services Authority) and 493 (Department of Conservation and Land Management — CALM) fires. Financial and personnel data related to CALM landscape fire data are not included in this report. Data for 2002-03 include 525 landscape fires in which the CALM was the lead agency.
- (g) Tasmanian data include vegetation fires over one hectare.
- (h) In the ACT, the January 2003 bushfires included in the 2002-03 data have been counted as one event.
- (i) NT data exclude the NT Bushfires Council and some NT Fire and Rescue Service volunteer brigades.

Source: State and Territory governments (unpublished).

Table 8A.4

Table 8A.4 Fire services' human resources

	Unit (a)	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT	NT (g)	Aust
1999-2000										
Firefighting personnel	%	88.7	70.1	86.4	80.6	88.6	60.2	81.2	81.4	79.6
Firefighting personnel	FTE	3 504	1 776	2 217	824	742	240	242	192	9 737
Permanent firefighters	FTE	3 037	1 776	2 025	824	722	240	242	142	9 008
Part time and other firefighters	FTE	467	—	192	—	20	—	—	50	729
Support personnel	FTE	447	759	350	198	95	159	56	44	2 108
Total	FTE	3 951	2 535	2 567	1 022	837	399	298	236	11 845
Volunteer firefighters (h)	no.	68 893	65 166	44 000	20 047	13 559	4 901	514	1 940	219 020
2000-01										
Firefighting personnel	%	88.6	68.4	79.8	77.0	88.6	67.1	76.8	84.8	78.9
Firefighting personnel	FTE	3 508	1 821	2 101	787	725	277	212	151	9 582
Permanent firefighters	FTE	3 047	1 801	1 941	769	705	277	212	145	8 897
Part time and other firefighters	FTE	461	20	160	18	20	—	—	6	685
Support personnel	FTE	451	840	533	235	93	136	64	27	2 379
Total	FTE	3 959	2 661	2 634	1 022	818	413	276	178	11 961
Volunteer firefighters (h)	no.	68 350	62 315	44 000	20 466	17 000	4 900	642	560	218 233
2001-02										
Firefighting personnel	%	81.9	66.9	79.3	78.7	97.4	66.0	75.4	81.2	78.4
Firefighting personnel	FTE	3 522	1 894	2 082	819	742	278	248	160	9 745
Permanent firefighters	FTE	3 070	1 874	1 922	813	na	278	248	154	8 359
Part time and other firefighters	FTE	452	20	160	6	158	—	—	6	802
Support personnel	FTE	776	937	543	204	20	143	81	31	2 735
Total	FTE	4 298	2 831	2 625	1 023	762	421	329	191	12 480
Volunteer firefighters (h)	no.	68 710	61 657	46 534	21 676	17 000	4 866	650	461	221 554

Table 8A.4

	Unit (a)	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT	NT (g)	Aust
2002-03										
Firefighting personnel	%	80.7	67.1	78.7	74.4	96.6	65.4	74.1	89.7	77.5
Firefighting personnel	FTE	3 732	1 936	2 096	827	812	276	235	174	10 088
Permanent firefighters	FTE	3 210	1 908	1 936	815	725	276	235	168	9 273
Part time and other firefighters	FTE	522	28	160	12	87	–	–	6	815
Support personnel	FTE	894	948	567	285	29	146	82	20	2 971
Total	FTE	4 626	2 884	2 663	1 112	841	422	317	194	13 058
Volunteer firefighters (h)	no.	68 676	58 000	46 677	23 608	12 244	4 912	650	455	215 222

(a) FTE = full time equivalent.

(b) In NSW data, other firefighters include paid volunteers.

(c) Victoria's Country Fire Authority are unable to calculate hours worked or separate firefighters from support personnel.

(d) Queensland firefighting personnel include senior fire officers, Assistant and Deputy Commissioners and the Commissioner. Volunteer firefighters data for Queensland include volunteer rural firefighters and support personnel as a mix.

(e) WA data include more than 19 000 members of volunteer bush fire brigades established, equipped and maintained by local government.

(f) In SA, most support personnel are employed by the Emergency Services Administrative Unit, which provides strategic and support services to the country and metropolitan fire services. Fire agency support staff include Metropolitan Fire Service training, building inspection and fire cause investigatory staff. Volunteer firefighters' data include 1073 cadets.

(g) NT data for volunteer support personnel relate to the NT Fire and Rescue Service only. Data for part time and other firefighters from 1999-2000 to 2002-03 were not available, resulting in an understatement of staff numbers reported.

(h) Numbers for fire services' include part paid volunteers for all jurisdictions except WA and the ACT.

na Not available. – Nil or rounded to zero.

Sources: State and Territory governments (unpublished).

Table 8A.5

Table 8A.5 **Fire deaths (a), (b)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (c)</i>	<i>NT (d)</i>	<i>Aust</i>
Fire deaths, exposure to smoke, fire and flames										
1997	no.	31	16	16	15	12	3	3	–	96
1998	no.	42	26	13	9	4	12	–	–	106
1999	no.	27	17	23	3	9	4	–	–	83
2000	no.	38	22	20	5	6	3	3	–	97
2001	no.	12	8	10	6	17	6	–	–	59
Fire deaths, intentional self-harm by smoke, fire and flames										
1997	no.	8	8	14	3	4	–	–	–	37
1998	no.	7	5	8	3	3	–	–	–	26
1999	no.	8	4	6	3	5	–	–	–	26
2000	no.	16	3	4	–	3	–	–	–	26
2001	no.	12	3	7	3	3	3	–	–	31
Fire deaths, assault by smoke, fire and flames										
1997	no.	–	–	–	–	–	4	–	–	4
1998	no.	3	–	3	–	–	–	–	–	6
1999	no.	–	3	3	–	–	–	–	–	6
2000	no.	–	3	14	–	–	–	–	–	17
2001	no.	–	–	4	–	–	–	–	–	4
Fire deaths, exposure to smoke, fire and flames, undetermined intent										
1997	no.	–	–	3	–	–	–	–	–	3
1998	no.	–	–	3	–	–	–	–	–	–
1999	no.	–	–	–	–	–	–	–	–	–
2000	no.	3	–	–	–	–	–	–	–	3
2001	no.	–	3	–	–	–	–	–	–	3
Total fire deaths										
1997	no.	39	24	33	18	16	7	3	–	140
1998	no.	52	31	27	12	7	12	–	–	138
1999	no.	35	24	32	6	14	4	–	–	115
2000	no.	57	28	38	5	9	3	3	–	143
2001	no.	24	14	21	9	20	9	–	–	97
Fire death rate										
1997	per million people	6.2	5.2	9.7	10.0	10.8	14.8	9.7	–	7.6
1998	per million people	8.2	6.7	7.8	6.6	4.7	25.4	–	–	7.4
1999	per million people	5.5	5.1	9.1	3.2	9.3	8.5	–	–	6.1
2000	per million people	8.8	5.9	10.7	2.7	6.0	6.4	9.5	–	7.5
2001	per million people	3.7	2.9	5.8	4.7	13.2	19.1	–	–	5.0

Table 8A.5

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (c)</i>	<i>NT (d)</i>	<i>Aust</i>
Three year average										
1997-1999	per million people	6.6	5.7	8.9	6.6	8.3	16.2	3.2	–	7.0
1998-2000	per million people	7.5	5.9	9.2	4.1	6.7	13.4	3.2	–	7.0
1999-2001	per million people	6.0	4.6	8.5	3.6	9.5	11.3	3.2	–	6.2
Population										
June 1997	m	6.3	4.6	3.4	1.8	1.5	0.5	0.3	0.2	18.5
June 1998	m	6.3	4.6	3.4	1.8	1.5	0.5	0.3	0.2	18.7
June 1999	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2	18.9
June 2000	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
June 2001	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4

- (a) The small number of deaths means it is difficult to establish patterns and provide detailed analysis. The rates also fluctuate from year to year. This fluctuation demonstrates the data volatility and, therefore, must be taken into account in any interpretation of data.
- (b) Population relates to the population used to calculate data for the corresponding year. This is not the same as the population for that year due to the time lag between available fire data and available population estimates. This means that, for example, population data relating to June 2001 have been used as the denominator in calculating the 2001 data.
- (c) The ACT had no fire deaths in 1998, 1999 and 2001.
- (d) The NT had no fire deaths in 1997–2001
– Nil or rounded to zero.

Source: ABS *Causes of Death Australia*, Cat. no. 3303.0 (unpublished); ABS *Australian Demographic Statistics*, Cat. no. 3101.0 (unpublished).

Table 8A.6

Table 8A.6 **Fire injuries (a), (b), (c)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
Total fire injuries										
1997-98	no.	na	na	na	na	na	na	na	na	na
1998-99	no.	971	409	637	290	303	56	42	5	2 713
1999-2000	no.	861	445	652	357	247	62	23	117	2 764
2000-01	no.	928	439	617	374	256	35	13	102	2 764
2001-02	no.	969	508	699	362	245	62	24	106	2 975
Fire injury rate										
1997-98	per 100 000 people	11.1	7.9	9.6	19.6	12.2	8.1	3.2	33.2	11.0
1998-99	per 100 000 people	15.3	8.8	18.5	15.9	20.3	11.9	13.6	2.6	14.5
1999-2000	per 100 000 people	13.4	9.5	18.6	19.3	16.5	13.2	7.4	60.7	14.6
2000-01	per 100 000 people	14.3	9.3	17.3	20.0	17.0	7.4	4.1	52.2	14.4
2001-02	per 100 000 people	14.7	10.6	19.3	19.0	16.2	13.1	7.5	53.6	15.3
Three year average										
1997-98 to 1999-2000	per 100 000 people	9.6	6.1	12.5	11.8	12.3	8.3	7.0	21.4	9.8
1998-99 to 2000-01	per 100 000 people	14.3	9.2	18.1	18.4	17.9	10.8	8.3	38.7	14.5
1999-2000 to 2001-02	per 100 000 people	14.2	9.8	18.4	19.4	16.6	11.2	6.3	55.5	14.8
Population										
1997-98	m	6.4	4.6	3.5	1.8	1.5	0.5	0.3	0.2	18.8
1998-99	m	6.4	4.7	3.5	1.9	1.5	0.5	0.3	0.2	19.0
1999-2000	m	6.5	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.2
2000-01	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.5
2001-02	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7

(a) Fire injuries are defined as the number of persons admitted to public and private hospitals. Excludes emergency department nonadmitted casualties and fire injuries arising from arson, secondary fires resulting from explosions, and transport accidents.

(b) The data exclude fire deaths for all years. The *Report on Government Services 2001* included deaths in the 1998-99 data. The AIHW revised the fire injuries data for 1998-99 subsequent to publication of *Australian Hospital Statistics 1998-99*.

(c) Population relates to the population used to calculate data for the corresponding year. This is not the same as the population for that year due to the time lag between available fire data and available population estimates. This means that, for example, population data relating to 30 June 2002 (labelled 2002-03) have been used as the denominator in calculating the 2002-03 data.

na Not available. – Nil or rounded to zero.

Source: Australian Institute of Health and Welfare (AIHW), *Australian Hospital Statistics*, (unpublished); ABS *Australian Demographic Statistics*, Cat. no. 3101.0 (unpublished).

Table 8A.7

Table 8A.7 Real median dollar loss from structure fire (2002-03 dollars) (a)

	<i>NSW</i> (b)	<i>Vic</i>	<i>Qld</i> (c)	<i>WA</i> (d)	<i>SA</i> (e)	<i>Tas</i>	<i>ACT</i> (f)	<i>NT</i> (g)
Median dollar loss per structure fire								
1998-99	2 247	1 123	1 123	2 247	3 370	2 471	2 247	1 685
1999-2000	1 653	882	1 102	2 204	2 204	4 958	1 102	6 611
2000-01	2 104	526	2 104	3 156	2 104	4 208	1 052	2 104
2001-02	2 056	514	1 028	3 083	2 056	3 340	1 028	5 139
2002-03	2 000	600	1 000	2 500	4 000	5 000	2 000	5 000

- (a) Real expenditure is based on the ABS GDP price deflator 2001-02 = 100 (table A.26). Estimates have not been validated by the insurance industry, or adjusted for interstate valuation differences.
- (b) NSW data for 1998-99 to 2002-03 are for NSW Fire Brigades only, but include responses to calls outside NSW Fire Brigades' designated fire districts. Due to industrial bans, NSW 1999-2000 data are derived from a sample representing 80 per cent of the incidents, and 2000-01 data are from a sample representing 85 per cent of the incidents. Data for 2001-02 include an outlier that resulted in direct dollar loss of more than \$60 million.
- (c) Queensland data for all years exclude incidents solely attended by the Rural Fire Service.
- (d) WA data for 1998-99 exclude Bush Fire Brigades.
- (e) SA data for 1999-2000 exclude the Country Fire Service. The Metropolitan Fire Service and the Country Fire Service supplied unit record data for the median value to be correctly calculated for the first time in 2001-02.
- (f) Due to industrial bans, the ACT 1998-99 and 1999-2000 data are based on extrapolated results from three months of data. Data for 2001-02 exclude the ACT Bushfire Service. Data for 2002-03 exclude the January 2003 wildfire which destroyed over 500 houses and resulted in losses in excess of \$200 million.
- (g) NT data exclude incidents attended by the NT Bushfires Council and some NT Fire and Rescue Service volunteer brigades.

Source: State and Territory governments (unpublished).

Table 8A.8

Table 8A.8 **Real total property loss from structure fire (2002-03 dollars per person) (a), (b)**

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic</i>	<i>Qld (d)</i>	<i>WA (e)</i>	<i>SA (f)</i>	<i>Tas</i>	<i>ACT (g)</i>	<i>NT (h)</i>	<i>Aust (i)</i>
Total property loss from structure fire										
1998-99	\$	30	25	18	21	16	45	24	10	25
1999-2000	\$	na	21	20	28	11	31	15	29	21
2000-01	\$	na	24	24	22	14	72	17	7	24
2001-02	\$	38	23	33	31	20	21	10	21	35
2002-03	\$	25	14	28	24	26	22	25	17	23
Three year average										
1998-99 to 2000-01	\$	na	23	21	24	13	49	19	15	23
1999-00 to 2001-02	\$	na	23	26	27	15	41	14	19	27
2000-01 to 2002-03	\$	na	20	28	26	20	38	17	15	27
Population										
Jun 1998	m	5.7	4.7	3.1	1.8	1.5	0.5	na	0.2	17.4
Jun 1999	m	na	4.7	3.5	1.9	1.5	0.5	0.3	0.2	12.6
Jun 2000	m	5.8	4.8	3.6	1.9	1.5	0.5	0.3	0.2	18.5
Jun 2001	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.5
Jun 2002	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7

- (a) Real expenditure is based on ABS GDP price deflator 2001-02 = 100 (table A.26). Estimates have not been validated by the insurance industry or adjusted for interstate valuation differences.
- (b) Population relates to the population used to calculate data for the corresponding year. This is not the same as the population for that year due to the time lag between available fire data and available population estimates. This means that, for example, population data relating to 30 June 2002 (labelled 2002-03) have been used as the denominator in calculating the 2002-03 data. Data for 1998-99 and 1999-2000 have been adjusted to reflect the population coverage by fire agencies by matching population estimates for each statistical local area to the geographic areas covered by fire services. Data prior to 2001-02 are calculated using AFAC derived population numbers which differs from the ABS 30 June Australian Demographic Statistics.
- (c) NSW data for 1998-99, 2001-02 and 2002-03 are for NSW Fire Brigades only, but include responses to calls outside NSW Fire Brigades' designated fire districts. Data for 2001-02 include an outlier that resulted in direct dollar loss of more than \$60 million. No data are available for NSW for 1999-2000 and 2000-01.
- (d) In Queensland, accurate identification of incidents attended by both QFRS urban and rural crews is not possible at this stage. Reporting of incident attendance by QFRS rural crews is incomplete due to voluntary reporting procedures. The extent of under reporting is unknown. It is expected, however, that both these anomalies will be addressed in the next 12 months.
- (e) WA data for 1998-99 exclude Bush Fire Brigades. Data for 2002-03 include 86 per cent of the reported property losses.
- (f) SA data for 1999-2000 exclude the Country Fire Service.
- (g) Due to industrial bans, the ACT 1998-99 and 1999-2000 data are based on extrapolated results from three months of data. Data for 2001-02 exclude the ACT Bushfire Service. Data for 2002-03 exclude the January 2003 wildfire, which destroyed over 500 houses and resulted in losses in excess of \$200 million.
- (h) NT data exclude incidents attended by the NT Bushfires Council and some NT Fire and Rescue Service volunteer brigades.
- (i) Average for Australia excludes rural fire service data for some years as per the jurisdictions' caveats.
- na** Not available.

Table 8A.8

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic</i>	<i>Qld (d)</i>	<i>WA (e)</i>	<i>SA (f)</i>	<i>Tas ACT (g)</i>	<i>NT (h)</i>	<i>Aust (i)</i>
<i>Source:</i>	ABS <i>Australian Demographic Statistics</i> , Cat. no. 3101.0 (unpublished); State and Territory governments (unpublished).								

Table 8A.9

Table 8A.9 **Total fire incidents (a)**

	<i>Unit</i>	<i>NSW (b)</i>	<i>Vic</i>	<i>Qld (c)</i>	<i>WA (d)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (e)</i>	<i>NT (f)</i>	<i>Aust (g)</i>
Incidents										
1998-99	per 100 000 people	529	440	352	601	404	608	459	1 256	480
1999-2000	per 100 000 people	610	431	405	813	361	1 001	590	1 392	548
2000-01	per 100 000 people	690	522	656	912	549	976	612	1 553	667
2001-02	per 100 000 people	746	468	558	886	616	882	557	1 964	658
2002-03	per 100 000 people	706	500	563	762	585	1 000	479	1 288	633
Population (h)										
1998-99	m	5.7	4.7	3.1	1.8	1.5	0.5	na	0.2	17.4
1999-2000	m	6.4	4.7	3.5	1.9	1.5	0.5	0.3	0.2	19.0
2000-01	m	6.5	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.1
2001-02	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.5
2002-03	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7

(a) Total fire incidents data include landscape fire incidents.

(b) NSW data for 1998-99 are for the NSW Fire Brigades only, but include responses to calls outside the NSW Fire Brigades designated fire districts. Due to industrial bans 1999-2000 data for the NSW Fire Brigades are derived from a sample representing 80 per cent of the incidents, and 2000-01 data for the NSW Fire Brigades are derived from a sample representing 85 per cent of the incidents. The increase in incident levels for 2001-02 is due to the expansion of the incident reporting system to include data from all Rural Fire Districts.

(c) In Queensland, accurate identification of incidents attended by both QFRS urban and rural crews is not possible at this stage. Reporting of incident attendance by QFRS rural crews is incomplete due to voluntary reporting procedures. The extent of under reporting is unknown. It is expected, however, that both these anomalies will be addressed in the next 12 months.

(d) WA data for 1998-99 exclude Bush Fire Brigades.

(e) Industrial bans in the ACT mean data for 1998-99 and 1999-2000 are based on extrapolated results from three months of data. In the ACT, the January 2003 bushfires included in the 2002-03 data have been counted as one event.

(f) In the NT data, the high number of incidents per 100 000 people can be attributed to the large number of grass fires in central Australia caused by drought conditions during the reporting period, and to the improved monitoring of previously faulty fire alarms.

(g) The average for Australia excludes rural fire service data for some years as per the jurisdictions' caveats.

(h) Population relates to the population used to calculate data for the corresponding year. This is not the same as the population for that year due to the time lag between available fire data and available population estimates. This means that, for example, population data relating to 30 June 2002 (labelled 2002-03) have been used as the denominator in calculating the 2002-03 data. Data for 1998-99 and 1999-2000 have been adjusted to reflect the population coverage by fire agencies by matching population estimates for each statistical local area to the geographic areas covered by fire services. Data prior to 2001-02 are calculated using AFAC derived population numbers which differ from the ABS ERP 30 June population estimates.

Source: ABS *Australian Demographic Statistics*, Cat. no. 3101.0 (unpublished); State and Territory governments (unpublished).

Table 8A.10

Table 8A.10 **Households with an operational smoke alarm or smoke detector installed (a)**

	<i>Unit</i>	<i>NSW (b)</i>	<i>Vic (c)</i>	<i>Qld (d)</i>	<i>WA (e)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
August 1998 to May 1999										
Estimated households with a smoke alarm/detector	'000	1 355	1 518	674	318	443	144	74	19	4 544
Estimated households with a smoke alarm/detector	%	58.3	87.9	53.2	46.2	75.8	78.3	68.2	35.3	65.6
Standard error	%	2.3	1.4	2.5	3.4	3.0	2.4	2.3	6.0	0.7
Total households	'000	2 322	1 726	1 266	688	585	185	108	52	6 932
February 1999 to November 1999										
Estimated households with a smoke alarm/detector	'000	1 418	1 614	718	335	466	146	76	19	4 792
Estimated households with a smoke alarm/detector	%	60.6	93.4	56.0	49.7	80.5	79.5	69.8	35.4	69.0
Standard error	%	2.3	1.9	2.5	3.4	3.0	2.4	2.3	6.0	0.7
Total households	'000	2 341	1 728	1 282	674	579	183	109	53	6 948
August 1999 to May 2000 (f)										
Estimated households with a smoke alarm/detector	'000	1 411	1 654	768	363	514	149	83	19	4 961
Estimated households with a smoke alarm/detector	%	59.9	94.6	57.4	52.2	88.7	80.0	73.1	36.1	70.2
Standard error	%	2.3	1.4	2.5	3.4	1.6	2.4	2.3	6.0	1.3
Total households	'000	2 356	1 749	1 339	695	580	186	114	52	7 072
February 2000 to November 2000 (f)										
Estimated households with a smoke alarm/detector	'000	1 431	1 665	813	378	557	153	83	20	5 100
Estimated households with a smoke alarm/detector	%	60.8	95.1	60.8	54.0	95.0	82.1	73.5	40.0	72.0
Standard error	%	2.3	1.4	2.5	3.4	1.6	2.4	2.3	4.0	0.7
Total households	'000	2 355	1 751	1 337	700	586	187	113	50	7 080
2001-02										
Estimated households with a smoke alarm/detector	'000	na	na	na	na	na	na	na	na	na
Estimated households with a smoke alarm/detector	%	79.0	95.1	71.9	60.0	na	na	na	na	na
Standard error	%	na	na	na	na	na	na	na	na	na
Total households	000	na	na	na	na	na	na	na	na	na

Table 8A.10

	<i>Unit</i>	<i>NSW (b)</i>	<i>Vic (c)</i>	<i>Qld (d)</i>	<i>WA (e)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
2002-03										
Estimated households with a smoke alarm/detector	'000	na	na	na	na	na	na	na	na	na
Estimated households with a smoke alarm/detector	%	72.9	na	71.4	75.2	na	na	na	na	na
Standard error	%	na	na	na	na	na	na	na	na	na
Total households	'000	na	na	na	na	na	na	na	na	na

- (a) Caution needs to be used where there are small differences in the Population Survey Monitor results, which are affected by sample and estimate size (see section 11.8 of the 2002 Report).
- (b) NSW 2001-02 data are sourced from the 2002 NSW Department of Health's Continuous Health Survey Program. Data for 2001-02 represent six months of 2002. Ninety-five per cent of these data fell within the following confidence interval: 77.8–80.2 per cent of households that had at least one smoke alarm. NSW 2002-03 data are sourced from the 2002 NSW Health Survey (HOIST) (Centre for Epidemiology and Research, NSW Department of Health). Data for 2002-03 represent the full 12 month period of 2002. Ninety-five per cent of these data fell within the following confidence interval: 71.8–74 per cent of households that had at least one smoke alarm.
- (c) Victorian 2001-02 data are sourced from a random telephone survey of 2304 respondents residing within the 23 local government areas significant to the metropolitan fire district.
- (d) Queensland 2001-02 data are sourced from the Queensland Household Survey (November 2001) conducted by Queensland's Office of the Government Statistician. Values are based on 3000 completed telephone interviews conducted across all statistical regions of the State. Around three quarters (75.5 per cent) of Queensland homes had smoke alarms installed. In 95.3 per cent of these homes the smoke alarm was operational. Queensland 2002-03 data are sourced from the Queensland Household Survey (November 2002) conducted by Queensland's Office of Economic and Statistical Research. Values are based on 3000 completed telephone interviews conducted across all statistical regions of the State.
- (e) WA 2001-02 and 2002-03 data are sourced from a survey by a market research organisation (a random telephone survey with residents of Perth households).
- (f) Only the final quarter for 2000 had new data because the Population Survey Monitor ceased. The 2001-02 data are from jurisdictional collections for the first time. Data for 2001-02 are not strictly comparable with the Population Survey Monitor data, because the new survey instruments used to collect the data differ from the Population Survey Monitor.

na Not available.

Source: ABS 2001b, *Population Survey Monitor*, Cat. no. 4103.0, Canberra; State and Territory governments (unpublished).

Table 8A.11

Table 8A.11 **Households with a fire safety measure, by fire safety measure installed or followed (a), (b)**

<i>Fire safety measure</i>	<i>Estimate</i>	<i>Standard error</i>	<i>Proportion</i>
	'000	%	%
August 1998 to May 1999			
Smoke alarm/smoke detector	4 544	0.7	65.6
Safety switch/circuit breaker	3 474	1.3	50.1
Fire extinguisher	1 691	1.4	24.4
Total households	6 932	0.7	86.1
February 1999 to November 1999			
Smoke alarm/smoke detector	4 792	1.3	69.0
Safety switch/circuit breaker	3 598	1.3	51.8
Fire extinguisher	1 730	1.4	24.9
Total households	6 948	0.7	88.0
August 1999 to May 2000 (c)			
Smoke alarm/smoke detector	4 961	1.3	70.2
Safety switch/circuit breaker	3 733	1.3	52.8
Fire extinguisher	1 768	1.4	25.0
Total households	7 072	0.7	88.4
February 2000 to November 2000 (c)			
Smoke alarm/smoke detector	5 100	0.7	72.0
Safety switch/circuit breaker	3 862	1.3	54.6
Fire extinguisher	1 719	1.4	24.3
Total households	7 080	0.7	89.4
2001-02 Victoria (d) (e)			
Operational smoke alarm installed	na	na	95.1
Fire extinguisher	na	na	32.8
Fire blanket	na	na	20.6
Home escape plan	na	na	11.0
Total households	na	na	na
2001-02 Queensland (e) (f)			
Operational smoke alarm installed	na	na	71.9
Fire extinguisher	na	na	33.4
Fire blanket	na	na	15.8
Home escape plan	na	na	45.8
Total households	na	na	na

(a) Caution needs to be used where there are small differences in the Population Survey Monitor results, which are affected by sample and estimate size (see section 11.8 of the 2002 Report).

(b) The total number of households with at least one fire safety measure is smaller than the sum of the individual components because a number of households have more than one fire safety measure installed or followed.

(c) Only the final quarter for 2000 had new data because the Population Survey Monitor ceased. The 2001-02 data are from jurisdictional collections for the first time. Data for 2001-02 are not strictly comparable with the Population Survey Monitor data, because the new survey instruments used to collect the data differ from the Population Survey Monitor.

Table 8A.11

<i>Fire safety measure</i>	<i>Estimate</i>	<i>Standard error</i>	<i>Proportion</i>
(d) Victorian 2001-02 data are sourced from a random telephone survey of 2304 respondents residing within the 23 local government areas significant to the metropolitan fire district.			
(e) Data disaggregated to several fire safety measures were collected for Victoria and Queensland only.			
(f) Queensland 2001-02 data are sourced from the Queensland Household Survey (November 2001) conducted by Queensland's Office of the Government Statistician. Values are based on 3000 completed telephone interviews conducted across all ten statistical regions of the State. Other measures were not surveyed.			

na Not available.

Source: ABS 2001b, *Population Survey Monitor*, Cat. no. 4103.0, Canberra; State and Territory governments (unpublished).

Table 8A.12

Table 8A.12		Response times to structure fires (minutes) (a)						
	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas (g)	ACT (h)	NT (i)
50th percentile								
1998-99	7.6	5.3	6.0	7.0	5.6	7.8	7.0	6.2
1999-2000	6.0	5.4	6.0	7.0	5.3	7.8	7.0	6.2
2000-01	6.0	5.3	6.4	7.0	6.0	7.2	6.2	5.3
2001-02	6.4	5.3	6.5	7.0	6.0	8.0	5.4	6.0
2002-03	5.9	5.5	6.4	8.0	7.0	8.1	5.0	5.4
90th percentile								
1998-99	15.2	8.4	13.0	13.0	9.6	16.2	12.0	14.0
1999-2000	10.6	8.5	12.6	13.0	8.8	14.9	11.4	17.1
2000-01	10.5	8.3	13.2	13.0	11.0	10.5	9.9	12.3
2001-02	10.6	8.5	11.1	13.0	9.7	15.5	9.8	15.1
2002-03	10.5	8.6	10.9	13.0	11.0	15.4	9.0	14.0

- (a) Differences between jurisdictions in definitions of response times, geography, personnel mix, and system type (manual or CAD), affect the comparability of response times data.
- (b) NSW data for 1998-99 to 2001-02 are for NSW Fire Brigades only, but include responses to calls outside NSW Fire Brigades' designated fire districts. Due to industrial bans, data for 1999-2000 are derived from a sample representing 80 per cent of the incidents, and data for 2000-01 are derived from a sample representing 85 per cent of the incidents. Data for 2002-03 include responses from the NSW Fire Brigades and the Rural Fire Service.
- (c) Victorian data for 2001-02 and 2002-03 are not uniformly consistent with the nationally agreed definition. Specifically, some inner metropolitan calls do not include all of the call processing time (approximately 36–40 seconds per response time) due to the time stamp generated by the computer aided dispatch system.
- (d) Queensland data for 1998-99 and 1999-2000 exclude the Queensland Rural Fire Service. Data for 2001-02 include incidents within the Urban Fire Levy boundary only and exclude incidents where the first attending appliance was from the Rural Fire Service.
- (e) WA data for 1998-99 exclude Bush Fire Brigades.
- (f) SA data for 1998-99 and 1999-2000 exclude the Country Fire Service. Country Fire Service data for 2001-02 are for all structure fires, not the subset specified in the data dictionary for response time reporting.
- (g) Tasmanian data for 2000-01 exclude the Rural Fire Brigades. 2001-02 data include responses from unmanned stations.
- (h) Industrial bans meant the ACT data for 1998-99 and 1999-2000 were based on extrapolated results from three months of data. Data for 2001-02 are adjusted to combine manual and automatic timing data.
- (i) The NT data include auxiliary stations where generally speaking response is done from home to station and then to the incident. Data do not include the NT Bushfires Council and some NT Fire and Rescue Service volunteer stations.

Source: State and Territory governments (unpublished).

Table 8A.13

Table 8A.13 **Structure fires and response times to structure fires across geographic areas, 2002-03 (a)**

	<i>Unit</i>	<i>NSW (b)</i>	<i>Vic (c)</i>	<i>Qld (d)</i>	<i>WA</i>	<i>SA (e)</i>	<i>Tas (f)</i>	<i>ACT (g)</i>	<i>NT</i>
Structure fires									
Major cities	no.	4 371	4 190	1 292	920	1 257	na	280	na
Inner regional	no.	1 465	888	528	153	199	499	na	na
Outer regional	no.	891	282	365	131	271	244	na	76
Remote	no.	151	5	91	49	49	11	na	30
Very remote	no.	54	..	59	38	9	4	na	24
All areas	no.	6 932	5 367	2 335	1 291	1 785	758	280	130
50th percentile									
Major cities	minutes	5.1	5.3	6.3	8.0	6.0	na	5.0	na
Inner regional	minutes	7.0	6.0	6.9	12.0	9.0	7.4	na	na
Outer regional	minutes	7.0	7.0	6.5	6.0	9.0	10.9	na	5.3
Remote	minutes	6.0	4.0	6.4	13.0	9.0	11.2	na	4.1
Very remote	minutes	6.7	na	5.8	12.0	11.0	16.7	na	9.3
All areas	minutes	5.9	5.5	6.4	8.0	7.0	8.1	5.0	5.4
90th percentile									
Major cities	minutes	8.7	7.7	10.0	13.0	10.0	na	9.0	na
Inner regional	minutes	12.6	12.0	11.9	23.0	15.0	10.7	na	na
Outer regional	minutes	14.4	14.9	11.8	23.0	20.0	20.7	na	10.2
Remote	minutes	9.8	10.4	12.6	34.0	18.0	44.1	na	11.1
Very remote	minutes	9.4	na	9.3	62.0	29.0	25.7	na	50.3
All areas	minutes	10.5	8.6	10.9	13.0	11.0	15.4	9.0	14.0

- (a) Differences between jurisdictions in definitions of response times, geography, personnel mix, and system type (manual or CAD), affect the comparability of response times data.
- (b) NSW data (for some parts of the State) are not uniformly consistent with the nationally agreed definition. Data exclude reports with incomplete time details.
- (c) Victorian data are not uniformly consistent with the nationally agreed definition. Specifically, some inner metropolitan calls do not include all of the call processing time (approximately 36–40 seconds per response time) due to the time stamp generated by the computer aided dispatch system. The total for structure fires of 5367 does not add to the sum of the parts because 2 remoteness area codes were missing from the disaggregated incident data.
- (d) Queensland response times data for QFRS urban crews exclude incidents outside urban fire levy boundaries. Three incidents within urban fire levy boundaries could not be geocoded and have been excluded. Response times for QFRS Rural brigade crews are not recorded.
- (e) In SA, the Country Fire Service and the Metropolitan Fire service do not have geocoded data. SA data include incident records with both alarm and arrival times.
- (f) Tasmanian data include 758 of the reported 780 structure fires.
- (g) ACT data exclude response time data for the January 2003 bushfires.

na Not available. .. Not applicable.

Source: State and Territory governments (unpublished).

Table 8A.14

Table 8A.14	Structure fires contained to the object or room of origin (per cent)									
	<i>NSW (a)</i>	<i>Vic (b)</i>	<i>Qld (c)</i>	<i>WA (d)</i>	<i>SA (e)</i>	<i>Tas</i>	<i>ACT (f)</i>	<i>NT</i>	<i>Aust (g)</i>	
1998-99	76.9	87.0	76.5	78.3	82.2	64.4	66.6	40.0	69.0	
1999-2000	73.9	90.1	76.1	69.3	78.8	65.4	77.4	60.0	78.2	
2000-01	71.7	90.0	70.5	70.6	73.3	73.8	74.0	65.0	74.0	
2001-02	69.6	90.0	68.3	67.6	80.3	54.2	71.0	46.0	68.4	
2002-03	69.1	76.5	69.5	69.7	64.2	63.8	70.1	63.5	68.3	

- (a) NSW data exclude the Rural Fire Service, but include responses to calls outside the NSW Fire Brigades' designated fire districts. Due to industrial bans, 1999-2000 data are derived from a sample representing 80 per cent of the incidents, and 2000-01 data are derived from a sample representing 85 per cent of the incidents.
- (b) Victorian data for 1998-99 to 2001-02 exclude the Country Fire Authority. Data for 2002-03 include the Country Fire Authority.
- (c) Queensland data for all years exclude incidents solely attended by the Rural Fire Service.
- (d) WA data for 1998-99 exclude Bush Fire Brigades.
- (e) SA data exclude the Country Fire Service.
- (f) Industrial bans in the ACT mean data for 1998-99 and 1999-2000 are based on extrapolated results for three months of data. Data exclude the ACT Bushfire Service. Data exclude response time data for the January 2003 bushfires.
- (g) Average for Australia excludes rural fire service data for some years as per the jurisdictions' caveats.

Source: State and Territory governments (unpublished).

Table 8A.15

Table 8A.15 Real fire services costs (\$'000) (2002-03 dollars)

	NSW	Vic (a)	Qld (b)	WA	SA (c)	Tas	ACT (d)	NT (e)	Total
1999-2000									
Labour costs	284 281	174 207	155 285	61 895	57 000	21 882	19 563	13 777	787 889
Salaries and payments in the nature of salaries	268 208	174 178	148 516	61 895	49 357	20 537	19 563	12 906	755 160
Payroll tax	16 073	29	6 769	..	7 643	1 345	..	870	32 729
Capital costs (f)	44 879	63 156	36 217	14 954	11 769	7 300	3 388	1 887	183 549
Depreciation	20 471	24 531	17 941	6 442	5 486	2 881	1 049	na	78 801
User cost of capital	24 408	38 625	18 276	8 513	6 282	4 418	2 339	1 887	104 749
Land	5 867	7 812	2 859	1 973	881	434	294	1 149	21 270
Other assets	18 541	30 813	15 417	6 539	5 401	3 984	2 045	738	83 479
Other costs (g)	145 675	76 388	52 126	36 531	45 958	10 863	5 627	4 612	377 780
Interest on borrowings	na	2 088	1 926	3 398	-	643	578	-	8 634
Total costs (h)	468 967	303 851	238 843	108 008	113 846	38 968	27 705	19 127	1 319 314
2000-01									
Labour costs	285 760	181 400	157 795	65 634	60 160	22 632	19 917	14 120	807 418
Salaries and payments in the nature of salaries	269 831	172 431	150 861	65 634	57 607	21 264	na	13 331	750 960
Payroll tax	15 929	8 969	6 933	-	2 553	1 368	na	789	36 541
Capital costs (f)	47 252	63 509	38 482	13 889	15 154	4 429	3 587	1 921	188 223
Depreciation	22 445	24 618	19 672	6 097	6 255	-	1 088	na	80 174
User cost of capital	24 807	38 891	18 811	7 792	8 899	4 429	2 499	1 921	108 049
Land	5 620	7 238	2 755	1 904	875	431	281	1 059	20 163
Other assets	19 187	31 654	16 056	5 888	8 024	3 998	2 219	862	87 887
Other costs (g)	145 892	95 141	61 638	30 516	41 727	11 920	8 707	4 619	400 161
Interest on borrowings	3	1 007	2 175	3 302	-	499	350	-	7 336
Total costs (h)	473 280	331 806	252 985	104 833	116 167	38 051	31 580	19 601	1 368 303

Table 8A.15

	NSW	Vic (a)	Qld (b)	WA	SA (c)	Tas	ACT (d)	NT (e)	Total
2001-02									
Labour costs (i)	298 920	178 820	154 833	64 638	56 222	22 075	22 823	12 582	810 914
Capital costs (f)	72 892	77 804	42 942	14 284	19 653	7 556	3 624	3 070	241 824
Depreciation	22 669	31 557	23 164	6 493	9 322	3 087	1 336	897	98 526
User cost of capital	50 223	46 247	19 778	7 790	10 331	4 468	2 288	2 173	143 298
Land	5 354	9 287	3 146	1 925	1 206	423	311	1 552	23 205
Other assets	44 868	36 960	16 632	5 865	9 126	4 045	1 976	621	120 093
Other costs (g)	204 023	93 271	63 049	32 486	42 946	13 282	8 107	3 070	460 234
Interest on borrowings	32	745	4 809	2 963	1	339	285	-	9 174
Total costs (h)	570 449	339 863	252 868	106 519	117 615	42 151	33 958	17 170	1 480 593
2002-03									
Labour costs (i)	318 574	192 225	156 747	65 898	62 840	24 462	25 245	12 922	858 913
Capital costs (f)	49 501	80 739	42 828	13 034	27 297	8 117	4 628	2 617	228 763
Depreciation	23 785	31 759	21 555	6 812	10 593	3 367	1 390	1 257	100 518
User cost of capital	25 716	48 980	21 273	6 222	16 704	4 750	3 238	1 360	128 245
Land	5 197	10 830	3 597	1 476	1 511	418	833	20	23 881
Other assets	20 519	38 151	17 676	4 746	15 193	4 332	2 405	1 340	104 363
Other costs (g)	260 088	108 601	80 703	33 258	38 217	14 602	9 005	5 854	550 328
Interest on borrowings	51	543	15 845	3 097	672	330	-	-	20 538
Total costs (h)	622 915	370 193	260 836	107 617	126 171	46 433	38 045	21 373	1 593 584

(a) Funding for a special resources initiative was first included in Victorian data for 2000-01. Fire appliances revaluation on June 2001 and land and buildings upwards revaluation in June 2002 and 2003 for Victoria's Metropolitan Fire Brigade (MFB) have resulted in an ongoing effect increasing the user cost of capital and depreciation amounts for the 2001-02, 2002-03 and future years. Training costs as part of other operating costs do not represent total training costs for the Country Fire Authority. Personnel and other costs associated with this item will be included under other expense headings. Communications expenditure for the MFB increased due to Intergraph costs. Provisions for losses expenditure for the MFB increased due to disposals of revalued fire appliances.

(b) Queensland data for 1999-2000 and 2000-01 exclude the Rural Fire Service. Land value was adjusted for 2001-02 so user cost of capital data will differ from previous reports. Other operating costs for Queensland in 2002-03 include a 6 per cent equity return funded by the State Government, equal to \$15 032.

Table 8A.15

	NSW	Vic (a)	Qld (b)	WA	SA (c)	Tas	ACT (d)	NT (e)	Total
(c)	SA payroll tax amounts for 1999-2000 and 2000-01 include superannuation. 'Other costs' includes the Emergency Services Administrative Unit costs for strategic and support services to the Country Fire Service and the Metropolitan Fire Service. Asset values for 2002-03 include an asset transfer from local government.								
(d)	Data prior to 2001-02 do not include adjustment for payroll tax exempt status in the ACT. The high contribution by the ACT Government reflects the cessation of the Emergency Services Levy and that the ACT Government has had to fund a revenue shortfall because of the Australian Government's interim payment for fire services.								
(e)	The NT used cost based accounting in 1999-2000 and 2000-01 and depreciation charges for these years are not available. For the NT, revenue from non-government sources in 2000-01 includes charges to landholders for aerial control burning and firebreaks, and the sale of assets. In 2001-02, user cost of capital in the NT includes assets for the NT Fire and Rescue Service (NFRS) only. Revenue from user charges includes the NFRS only and other revenue includes the Bush Fire Council only. The first year where accrual accounting has been applied (NFRS only), and previous years assets required adjusting is 2002-03. Most land and buildings were revalued at 30 June 2003 using fair value (NFRS only).								
(f)	The user cost of capital is partly dependent on depreciation and asset revaluation methods employed. Details of the treatment of assets by emergency management agencies across jurisdictions are outlined in table 8A.28.								
(g)	Includes the running, training and maintenance costs.								
(h)	Excludes the user cost of capital associated with land and excludes interest on borrowings.								
(i)	Payroll tax is no longer included in labour costs to improve data comparability. This has the effect of reducing the labour costs of those jurisdictions where services directly pay payroll tax (which is all jurisdictions except WA and the ACT). Labour costs are now equal to salaries and payments in the nature of salaries less payroll tax.								

na Not available. – Nil or rounded to zero. ... Not applicable.

Source: State and Territory governments (unpublished).

Table 8A.16

Table 8A.16 Real fire services expenditure per 1000 people (2002-03 dollars) (a), (b)

	<i>Unit</i>	<i>NSW</i>	<i>Vic (c)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (d)</i>	<i>NT (e)</i>
1999-2000									
Total	\$m	469.0	303.9	238.8	108.0	113.8	39.0	27.7	19.1
Population	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2
Per 1000 people	\$	73 146	64 837	68 213	58 391	76 008	82 658	88 706	99 240
2000-01									
Total	\$m	473.3	331.8	253.0	104.8	116.2	38.1	31.6	19.6
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2
Per 1000 people	\$	72 967	69 981	71 033	55 927	77 185	80 718	100 185	100 231
2001-02									
Total	\$m	570.4	339.9	252.9	106.5	117.6	42.2	34.0	17.2
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2
Per 1000 people	\$	86 757	70 735	69 681	56 029	77 801	89 341	106 346	86 817
2002-03									
Total	\$m	622.9	370.2	260.8	107.6	126.2	46.4	38.0	21.4
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2
Per 1000 people	\$	93 808	75 975	70 360	55 838	82 994	98 225	118 219	107 938

(a) Totals may not add as a result of rounding. Total fire expenditure includes levies on insurance companies and property owners, user charges, fundraising and donations and indirect revenue. Data for some jurisdictions prior to 2000-01 have been adjusted to reflect population coverage by fire agencies.

(b) Total government fire expenditure per person is reported in the 2004 Report for the time series replacing total fire expenditure less indirect government and non-government revenue per person. Non-government revenue is now termed 'other revenue' (or other funding) because some items in this category (for example, levies) are not strictly non-government.

(c) Funding for a special resources initiative was first included in Victorian data for 2000-01. Fire appliances revaluation on June 2001 and land and buildings upward revaluation in June 2002 for Victoria's Metropolitan Fire Brigade have resulted in an ongoing effect increasing the user cost of capital and depreciation amounts for 2001-02 and future years. Training costs as part of other operating costs do not represent total training costs for the Country Fire Authority. Personnel and other costs associated with this item will be included under other expense headings. Communications expenditure for the Metropolitan Fire Brigade increased due to Intergraph costs. Provisions for losses expenditure for the Metropolitan Fire Brigade increased due to disposals of revalued fire appliances.

(d) The high contribution by the ACT Government in 2001-02 reflects the cessation of the Emergency Services Levy and that the ACT Government has funded an expected revenue shortfall pending the finalisation of negotiations with the Australian Government on an agreement for the provision of fire services. The Australian Government has made interim payments to the ACT for 2001-02 and 2002-03.

(e) The NT 1999-2000 expenditure data exclude depreciation charges. Indirect government and other revenue data for the NT in 2000-01 include charges to landholders for aerial control burning and firebreaks, and the sale of assets.

Source: ABS *Australian Demographic Statistics*, Cat. no. 3101.0 (unpublished); State and Territory governments (unpublished).

Table 8A.17

Table 8A.17 Real fire services funding per 1000 people (2002-03 dollars)
(a), (b)

	<i>Unit</i>	<i>NSW</i>	<i>Vic (c)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (d)</i>	<i>NT (e)</i>
Total fire direct and indirect government funding per person									
1999-2000									
Total	\$m	77.9	67.7	44.6	45.4	–	3.2	15.9	20.3
Population	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2
Per 1000 people	\$	12 156	14 438	12 728	24 551	–	6 799	51 025	105 371
2000-01									
Total	\$m	110.2	95.1	43.2	37.6	0.5	4.4	19.1	20.1
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2
Per 1000 people	\$	16 992	20 058	12 130	20 042	306	9 395	60 662	103 011
2001-02									
Total	\$m	116.5	76.7	49.4	35.2	0.7	3.7	25.0	13.5
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2
Per 1000 people	\$	17 712	15 967	13 619	18 536	430	7 779	78 257	68 052
2002-03									
Total	\$m	119.4	94.6	59.5	36.5	0.1	5.9	25.4	13.9
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2
Per 1000 people	\$	17 982	19 421	16 063	18 926	59	12 504	78 771	70 081
Total fire direct government funding per person									
1999-2000									
Total	\$m	na	na	na	na	na	na	na	na
Population	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2
Per 1000 people	\$	na	na	na	na	na	na	na	na
2000-01									
Total	\$m	110.2	95.1	43.2	37.6	0.5	4.4	5.9	19.9
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2
Per 1000 people	\$	16 992	20 058	12 130	20 042	306	9 395	18 705	101 801
2001-02									
Total	\$m	116.5	76.7	49.4	35.2	0.7	3.7	22.2	13.5
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2
Per 1000 people	\$	17 712	15 967	13 619	18 536	430	7 779	69 390	68 052
2002-03									
Total	\$m	118.5	94.6	59.5	36.5	0.1	5.9	22.6	13.9
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2
Per 1000 people	\$	17 851	19 421	16 063	18 926	59	12 504	70 195	70 081

Table 8A.17

	<i>Unit</i>	<i>NSW</i>	<i>Vic (c)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (d)</i>	<i>NT (e)</i>
Total fire other funding per person									
1999-2000									
Total	\$m	386.4	233.2	197.4	61.1	115.2	34.4	6.7	1.0
Population	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2
Per 1000 people	\$	60 264	49 760	56 369	33 031	76 891	73 057	21 552	5 151
2000-01									
Total	\$m	341.6	230.8	208.0	64.4	115.6	35.0	6.9	1.8
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2
Per 1000 people	\$	52 660	48 684	58 390	34 332	76 790	74 176	21 846	9 338
2001-02									
Total	\$m	451.0	268.5	214.1	60.5	107.8	37.9	0.5	0.5
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2
Per 1000 people	\$	68 591	55 886	58 987	31 821	71 338	80 265	1 506	2 562
2002-03									
Total	\$m	521.6	283.2	225.0	63.2	119.7	42.0	0.3	1.6
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2
Per 1000 people	\$	78 545	58 114	60 693	32 793	78 722	88 874	942	8 025

- (a) Totals may not add as a result of rounding. Total fire expenditure includes levies on insurance companies and property owners, user charges, fundraising and donations and indirect revenue. Data for some jurisdictions prior to 2000-01 have been adjusted to reflect population coverage by fire agencies.
- (b) Total government fire expenditure per person is reported in the 2004 Report for the time series replacing total fire expenditure less indirect government and non-government revenue per person. Non-government revenue is now termed other revenue (or other funding) because some items in this category (for example, levies) are not strictly non-government.
- (c) Funding for a special resources initiative was first included in Victorian data for 2000-01. Fire appliances revaluation on June 2001 and land and buildings upwards revaluation in June 2002 for Victoria's Metropolitan Fire Brigade have resulted in an ongoing effect increasing the user cost of capital and depreciation amounts for the 2001-02 and future years. Training costs as part of other operating costs do not represent total training costs for the Country Fire Authority. Personnel and other costs associated with this item will be included under other expense headings. Communications expenditure for the Metropolitan Fire Brigade increased due to Intergraph costs. Provisions for losses expenditure for the Metropolitan Fire Brigade increased due to disposals of revalued fire appliances.
- (d) The high contribution by the ACT Government in 2001-02 reflects the cessation of the Emergency Services Levy and that the ACT Government has funded an expected revenue shortfall pending the finalisation of negotiations with the Australian Government on an agreement for the provision of fire services. The Australian Government has made interim payments to the ACT for 2001-02 and 2002-03.
- (e) The NT 1999-2000 expenditure data exclude depreciation charges. Indirect government and other revenue data for the NT in 2000-01 include charges to landholders for aerial control burning and firebreaks, and the sale of assets.

na Not available. – Nil or rounded to zero.

Source: ABS *Australian Demographic Statistics*, Cat. no. 3101.0 (unpublished); State and Territory governments (unpublished).

All jurisdictions — ambulance
services

Table 8A.18

Table 8A.18 Real major sources of ambulance services funding (2001-02 dollars) (a)

	Unit	NSW (b)	Vic (c)	Qld (d)	WA (d) (e)	SA	Tas	ACT (f)	NT (g)	Aust
1998-99										
Government grants (h)	%	72.0	52.0	47.0	26.0	39.0	81.0	na	51.0	52.6
Subscription fees/levies	%	—	25.0	30.0	1.0	21.0	—	na	5.0	11.7
Transport fees	%	24.0	20.0	16.0	55.0	36.0	19.0	na	17.0	26.7
Miscellaneous	%	4.0	3.0	7.0	19.0	4.0	—	na	27.0	9.1
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	na	100.0	100.0
Government revenue	%	72.0	52.0	47.0	26.0	39.0	81.0	na	51.0	52.6
Other revenue	%	28.0	48.0	53.0	75.0	61.0	19.0	na	49.0	47.6
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	na	100.0	100.0
Government revenue	\$m	189.2	152.0	137.5	36.4	46.9	11.3	na	7.3	580.7
Other revenue	\$m	73.6	59.1	53.5	14.2	18.2	4.4	na	2.8	225.8
Total	\$m	262.8	211.2	191.0	50.5	65.1	15.7	na	10.1	806.5
1999-2000										
Government grants (h)	%	76.0	55.6	53.7	22.3	45.2	77.2	85.7	66.7	59.3
Australian	%	—	—	—	—	—	—	—	—	—
State/Territory	%	76.0	55.6	53.7	22.3	45.2	77.2	85.7	66.7	59.3
Local	%	—	—	—	—	—	—	—	—	—
Subscription fees	%	—	21.2	26.8	3.2	18.5	—	2.7	4.9	13.6
Transport fees	%	21.9	20.5	12.2	59.5	32.5	18.4	10.3	12.3	22.4
Interhospital	%	13.4	3.4	6.9	8.5	6.6	9.0	—	—	8.1
Uninsured citizens	%	3.6	9.0	—	17.1	16.4	—	—	—	5.9
Motor accident insurance	%	4.2	4.9	—	30.7	2.3	9.1	—	—	5.0
Workers compensation	%	—	1.2	—	na	—	0.2	—	—	0.3
Other	%	0.8	2.0	5.3	3.2	7.2	0.1	10.3	12.3	3.1

Table 8A.18

	Unit	NSW (b)	Vic (c)	Qld (d)	WA (d) (e)	SA	Tas	ACT (f)	NT (g)	Aust
Donations	%	0.3	0.4	0.7	0.6	0.3	—	—	0.2	0.4
Miscellaneous	%	1.8	2.4	6.5	14.4	3.5	4.5	1.3	15.8	4.3
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Government revenue	%	76.0	55.6	53.7	22.3	45.2	77.2	85.7	66.7	59.3
Other revenue	%	24.0	44.4	46.3	77.7	54.8	22.8	14.3	33.3	40.7
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Government revenue	\$m	215.5	120.2	115.8	13.8	34.1	12.5	8.1	6.3	526.3
Other revenue	\$m	68.2	96.1	99.7	47.9	41.3	3.7	1.3	3.1	361.4
Total	\$m	283.7	216.3	215.6	61.6	75.4	16.2	9.4	9.4	887.7
2000-01										
Government grants (h)	%	76.8	57.2	56.3	21.9	46.2	93.3	87.5	61.1	60.9
Australian	%	—	—	—	—	—	—	—	—	—
State/Territory	%	76.8	57.2	56.3	21.9	46.2	93.3	87.5	61.1	60.9
Local	%	—	—	—	—	—	—	—	—	—
Subscription fees	%	—	18.1	23.4	2.9	17.9	—	1.3	4.3	12.1
Transport fees	%	21.6	20.4	16.7	61.7	33.5	5.1	8.5	12.0	23.1
Interhospital	%	12.9	3.8	6.1	11.4	7.4	1.6	—	—	7.9
Uninsured citizens	%	4.5	8.2	7.4	16.3	15.9	0.1	—	6.4	7.8
Motor accident insurance	%	3.6	4.8	1.8	2.3	7.0	2.8	—	2.2	3.6
Workers' compensation	%	—	1.2	0.7	—	—	0.5	—	2.2	0.5
Other	%	0.6	2.4	0.6	31.7	3.2	0.1	8.5	1.2	3.4
Donations	%	0.3	0.3	0.2	0.8	0.2	—	—	0.2	0.3
Miscellaneous	%	1.4	4.0	3.5	12.7	2.2	1.5	2.8	22.3	3.6
Indirect revenue (h)	%	—	1.6	—	—	—	0.8	59.7	—	1.0
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 8A.18

	Unit	NSW (b)	Vic (c)	Qld (d)	WA (d) (e)	SA	Tas	ACT (f)	NT (g)	Aust
Direct government revenue	%	76.8	55.5	56.3	21.9	46.2	92.5	27.8	61.1	59.8
Indirect government revenue and other revenue	%	23.2	44.5	43.7	78.1	53.8	7.5	72.2	38.9	40.2
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Direct government revenue	\$m	226.1	132.7	133.8	13.5	34.0	15.6	2.6	5.8	563.2
Indirect government revenue and other revenue	\$m	68.5	106.4	103.8	48.1	39.6	1.3	6.8	3.7	378.0
Total (g)	\$m	294.6	239.1	237.7	61.6	73.7	16.8	9.4	9.5	941.2
2001-02										
Government grants (h)	%	72.6	59.2	56.3	21.7	46.3	87.0	87.5	62.3	59.5
Australian	%	—	—	—	—	—	—	—	—	—
State/Territory	%	72.6	59.2	56.3	21.7	46.3	87.0	87.5	62.3	59.5
Local	%	—	—	—	—	—	—	—	—	—
Subscription fees	%	—	16.4	19.4	2.6	14.9	—	0.7	3.9	10.7
Transport fees	%	22.0	21.7	20.0	61.3	29.5	10.5	10.0	16.4	24.4
Interhospital	%	13.6	4.1	7.7	4.8	2.7	0.4	—	—	7.5
Other fees from citizens	%	4.3	10.4	8.5	50.6	7.2	0.9	7.8	9.7	10.4
Workers' compensation	%	na	1.2	0.8	—	—	0.9	—	0.9	0.6
Motor accident insurance	%	3.5	5.1	2.2	3.3	5.7	5.6	—	3.6	3.8
Veterans' Affairs	%	0.7	0.3	0.2	2.5	1.2	2.2	1.2	0.7	0.6
Other	%	—	0.7	0.7	—	12.7	0.4	1.0	1.5	1.5
Donations	%	0.5	0.3	0.3	0.9	0.3	—	—	—	0.4
Miscellaneous	%	4.9	2.4	3.9	13.4	9.0	2.5	1.8	17.3	4.9
Indirect revenue (h)	%	—	2.0	—	—	—	—	63.3	—	1.2
Total (e)	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 8A.18

	Unit	NSW (b)	Vic (c)	Qld (d)	WA (d) (e)	SA	Tas	ACT (f)	NT (g)	Aust
Direct government revenue	%	72.6	57.2	56.3	21.7	46.3	87.0	24.3	62.3	58.4
Indirect government revenue and other revenue	%	27.4	42.8	43.7	78.3	53.7	13.0	75.7	37.7	41.6
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Direct government revenue	\$m	209.5	156.8	135.1	14.5	41.3	15.7	2.4	6.1	581.5
Indirect government revenue and other revenue	\$m	79.1	117.5	104.7	52.2	47.8	2.4	7.6	3.7	415.0
Total	\$m	288.6	274.3	239.8	66.7	89.1	18.0	10.0	9.8	996.4
2002-03										
Government grants (h)	%	76.4	60.4	57.7	19.8	45.7	82.4	90.2	58.4	61.5
Australian	%	—	—	—	—	—	—	—	—	—
State/Territory	%	76.4	60.4	57.7	19.8	45.7	82.4	90.2	58.4	61.5
Local	%	—	—	—	—	—	—	—	—	—
Subscription fees	%	—	16.3	18.4	2.5	16.9	—	0.3	3.4	10.5
Transport fees	%	22.1	20.3	20.2	60.5	34.4	14.9	8.8	12.9	24.2
Interhospital	%	13.7	4.1	7.5	4.3	7.6	—	7.6	—	8.0
Other fees from citizens	%	3.8	9.1	8.6	49.4	17.1	0.1	—	8.1	10.3
Workers' compensation	%	—	1.4	0.8	—	—	1.5	—	0.7	0.6
Motor accident insurance	%	3.9	5.0	2.4	3.9	6.3	6.1	—	3.0	4.0
Veterans' Affairs	%	0.6	—	0.1	3.0	3.4	4.8	0.6	0.5	0.8
Other	%	—	0.7	0.8	—	—	2.4	0.6	0.6	0.4
Donations	%	0.2	0.3	0.5	0.8	0.2	—	—	—	0.3
Miscellaneous	%	1.3	2.8	3.2	16.3	2.9	2.7	0.8	25.2	3.5
Indirect revenue (h)	%	—	1.7	—	—	—	—	42.4	—	1.1
Total share	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Table 8A.18

	Unit	NSW (b)	Vic (c)	Qld (d)	WA (d) (e)	SA	Tas	ACT (f)	NT (g)	Aust
Direct government revenue	%	76.4	58.7	57.7	19.8	45.7	82.4	47.9	58.4	60.4
Indirect government revenue and other revenue	%	23.6	41.3	42.3	80.2	54.3	17.6	52.1	41.6	39.6
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Direct government revenue	\$m	242.1	175.2	148.8	13.8	36.9	15.2	7.1	6.4	645.4
Indirect government revenue and other revenue	\$m	74.8	123.3	109.0	55.8	43.8	3.3	7.8	4.6	422.3
Total	\$m	316.9	298.5	257.7	69.6	80.7	18.4	14.9	10.9	1 067.7

(a) Due to definitional changes to data items, categorisation of ambulance revenue (and its subcategories) are not strictly comparable with the ambulance revenue categories used in 2000-01. In particular, revenue from Department of Veterans' Affairs is now a separate category. Changes to ambulance revenue subcategories do not affect the aggregate amount of ambulance revenue reported across time. Real expenditure is based on the ABS GDP price deflator 2002-03 = 100 (table A.26). May not sum to 100 due to rounding.

(b) NSW has a subscription scheme but funds are deposited to the consolidated revenue of the NSW Treasury.

(c) Victoria's 1998-99 data exclude the Ambulance Officers Training Centre. Victoria's 2002-03 other revenue includes profit on sale of non current assets of \$489 million.

(d) In Queensland there was \$94 000 of Australian Government grants and in WA there was \$20 000 of local government grants in 2001-02. These funds equate to less than 0.1 per cent, and appear as zero's after rounding.

(e) In WA for 1999-2000, subscription fees are for country region only; insurance transport fees includes those covered by private health insurance; and workers compensation transport fees are not separately identified and are included with the uninsured.

(f) The source of funds for the ACT Ambulance Service in 1998-99 are included in the ACT Emergency Services Bureau data reported in table 8A.1 and could not be provided separately. The ACT funding change for 1999-2000 and 2000-01 reflects the revised method of attributing funds to the Emergency Services Bureau by event type.

(g) The 2001-02 NT government revenue data include transports for the NT government and the Department of Health and Community Services under purchaser/provider contract guidelines, and inter-hospital transport fees. Other revenue includes sales, training and contract paramedical work.

(h) Indirect revenue is counted in government grants. The totals are the sum of government grants, subscription fees, transport fees, donations and miscellaneous revenue. Indirect revenue is shown separately (where government grants are shown net of indirect revenue, and indirect revenue is included in indirect government and other revenue) and is therefore not to be interpreted as an additional amount.

na Not available. – Nil or rounded to zero.

Source: State and Territory governments (unpublished).

Table 8A.19

Table 8A.19 Reported ambulance incidents, responses, patients and transport (a)

	Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT	NT (g)	Aust
2001-02										
Incidents										
	%	66.4	37.9	27.2	26.7	36.3	51.8	43.6	34.0	44.5
Emergency incidents	%	..	19.1	32.3	27.5	35.4	28.4	34.6	23.0	18.0
Urgent incidents	%	33.6	43.0	38.8	45.7	28.4	19.8	21.8	43.0	37.2
Nonemergency incidents	%	..	..	1.6	..	..	..	..	..	0.4
Casualty room attendance (h)	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total incidents	'000	740	512	515	145	173	43	23	27	2 179
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 100 000 people	no.	11 252	10 665	14 181	7 643	11 451	9 189	7 274	13 621	11 223
Responses										
	%	68.6	45.2	29.1	26.7	37.1	52.9	44.8	34.0	48.1
Emergency responses	%	..	17.9	31.0	27.5	35.7	27.6	34.4	23.0	16.9
Urgent responses	%	31.4	36.9	39.9	45.7	27.2	19.5	20.8	43.0	35.0
Nonemergency responses	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total responses	'000	859	616	558	145	181	48	25	27	2 459
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 100 000 people	no.	13 062	12 825	15 379	7 643	11 957	10 272	7 693	13 621	12 667
Patients										
	%	88.4	91.2	94.5	99.8	79.5	86.6	67.8	85.4	90.2
Transported	%	11.6	8.8	5.5	0.2	20.5	13.4	32.2	14.6	9.8
Treated not transported	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total patients	'000	676	471	478	142	181	42	25	23	2 037
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 100 000 people	no.	10 278	9 794	13 170	7 494	11 957	8 863	7 693	11 737	10 493

Table 8A.19

	Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT	NT (g)	Aust
Total fleet road	'000 km	na	14 676	17 242	4 610	2 056	1 788	610	592	41 574
Flying hours fixed wing	hrs	6 635	4 777	-	-	-	1 127	-	-	12 539
Flying hours rotary wing	hrs	4 416	2 012	-	-	-	-	532	-	6 960
2002-03										
Incidents										
Emergency incidents	%	65.7	34.7	28.1	32.8	39.6	50.2	41.9	37.4	44.6
Urgent incidents	%	..	21.8	38.3	33.3	35.5	28.6	36.4	26.5	20.1
Nonemergency incidents	%	34.3	43.5	33.6	33.8	24.9	21.2	21.7	36.1	35.3
Total incidents	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total incidents	'000	768	558	510	118	176	44	25	26	2 226
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 100 000 people	no.	11 568	11 457	13 762	6 123	11 588	9 398	7 672	13 318	11 322
Responses										
Emergency responses	%	68.1	41.9	29.0	28.9	40.7	52.3	42.5	37.4	47.6
Urgent responses	%	..	20.8	35.7	29.2	35.5	28.0	37.2	26.5	18.7
Nonemergency responses	%	31.9	37.3	35.3	41.9	23.8	19.7	20.4	36.1	33.7
Total responses	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total responses	'000	896	670	572	136	185	51	27	26	2 560
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 100 000 people	no.	13 489	13 749	15 437	7 042	12 182	10 851	8 265	13 318	13 021
Patients										
Transported	%	86.7	90.5	92.9	91.2	78.6	86.7	70.7	88.9	88.5
Treated not transported	%	13.3	9.5	7.1	8.8	21.4	13.3	29.3	11.1	11.5
Total patients	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total patients	'000	737	509	491	138	185	42	25	23	2 150
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 100 000 people	no.	11 097	10 456	13 241	7 152	12 182	8 896	7 626	11 587	10 933

Table 8A.19

	Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT	NT (g)	Aust
Total fleet road	'000 km	na	15 331	18 154	4 576	2 038	2 158	879	613	43 379
Flying hours fixed wing	hrs	6 793	4 970	..	-	-	1 324	-	..	12 890
Flying hours rotary wing	hrs	4 533	2 093	..	-	-	451	629	..	7 255
Two year growth rate										
Incidents	%	3.8	8.9	-0.9	-18.8	1.8	2.5	6.3	-2.1	2.2
Responses	%	4.3	8.7	2.5	-6.6	2.5	5.8	8.3	-2.1	4.1
Patients	%	9.0	8.3	2.7	-3.2	2.5	0.6	-0.1	-1.2	5.5

(a) An incident is an event that results in a demand for ambulance resources to respond. An ambulance response is a vehicle or vehicles sent to an incident. There may be multiple responses/vehicles sent to a single incident. A patient is someone assessed, treated or transported by the ambulance service.

(b) NSW does not triage emergency calls. Urgent incident and response caseload are included in emergency caseload figures.

(c) In Victoria, incidents, responses and patients data include road incidents only. In 2001-02, there were 6774 air ambulance (fixed and rotary wing) incidents involving 6030 ambulance patients. Data exclude public duties. Total fleet road kilometres are estimates. In 2002-03, there were 6944 air ambulance (fixed and rotary wing) incidents involving 6191 ambulance patients.

(d) Incidents, responses and patients data for Queensland are from the Ambulance Integrated Management System (AIMS database). Casualty room attendances for Queensland are not included in the response count. Total fleet road kilometres include operational vehicles only.

(e) WA does not have a policy of automatically dispatching more than one unit to an incident unless advised of more than one patient. Separate statistics are not kept for incidents and responses. Numbers shown under incidents are cases.

(f) In SA, total road fleet kilometres relate to travel undertaken with a patient onboard.

(g) For the NT, a response is counted as an incident.

(h) The average for 2001-02 based on Queensland as the only jurisdiction that has casualty room attendance. No jurisdiction had casualty room attendance incidents for 2002-03, therefore, the category was removed.

.. Not applicable. – Nil or rounded to zero.

Source: State and Territory governments (unpublished).

Table 8A.20

Table 8A.20 Ambulance services' human resources (a)

	Unit	NSW (b)	Vic (c)	Qld (d)	WA	SA (e)	Tas (f)	ACT	NT	Aust
2001-02										
Salaried personnel										
Ambulance operatives	%	87.4	83.6	75.9	68.6	77.3	87.3	78.9	61.7	77.6
Ambulance operatives	FTE	2 607	1 630	1 842	374	563	169	90	66	7 341
Patient transport officers	FTE	75	30	123	25	35	2	2	–	292
Students and base level ambulance officers	FTE	378	122	249	64	113	26	15	29	996
Qualified ambulance officers	FTE	1 536	1 054	1 180	–	263	34	2	14	4 083
Intensive care officers	FTE	371	354	104	266	101	87	63	13	1 359
Clinical other	FTE	16	–	3	–	–	4	–	–	23
Communications operatives	FTE	231	70	183	19	51	16	8	10	588
Operational support personnel	FTE	231	126	146	53	57	11	9	13	646
Corporate support personnel	FTE	145	193	439	118	108	14	15	28	1 060
Total salaried personnel	FTE	2 983	1 949	2 427	545	728	194	114	107	9 047
Volunteers (a)										
Ambulance operatives	no.	67	358	352	1 801	1 353	516	–	23	4 470
Operational and corporate support	no.	–	–	–	904	400	–	–	1	1 305
Total volunteers	no.	67	358	352	2 705	1 753	516	–	24	5 775

Table 8A.20

2002-03	Unit	NSW (b)	Vic (c)	Qld (d)	WA	SA (e)	Tas (f)	ACT	NT	Aust
	Salaried personnel									
	Ambulance operatives	%	84.3	75.3	67.1	80.1	85.2	77.5	62.2	77.3
	Ambulance operatives	FTE	1 730	1 856	380	635	154	93	70	7 660
	Patient transport officers	FTE	37	123	25	58	2	2	-	344
	Students and base level ambulance officers	FTE	343	232	108	114	21	18	18	1 309
	Qualified ambulance officers	FTE	1 269	1 315	224	420	113	63	41	5 398
	Clinical other	FTE	16	3	-	-	-	-	-	19
	Communications operatives	FTE	222	183	23	43	18	10	11	590
	Operational support personnel	FTE	233	179	66	52	15	14	15	710
	Corporate support personnel	FTE	186	430	120	106	12	14	28	1 081
	Total salaried personnel	FTE	3 162	2 053	566	793	180	120	113	9 452
	Volunteers (a)									
	Ambulance operatives	no.	57	387	2 022	1 354	530	-	21	4 774
	Operational and corporate support	no.	-	-	726	300	-	-	1	1 027
	Total volunteers	no.	57	387	2 748	1 654	530	-	22	5 801

(a) Due to definitional changes to data items, categorisation of ambulance operatives (and its subcategories), operational support and corporate support personnel are not strictly comparable with the ambulance operatives, operational support, and business and other support personnel categories used in 2000-01. In particular, public education officers were included in the other operatives category and are now included in corporate support. Changes to ambulance personnel sub-categories do not affect the aggregate number of ambulance personnel reported across time.

(b) Due to definitional changes to data items, in NSW data qualified ambulance officers now include advanced life support officers. Intensive care officers were included under advanced life support officers last year and are now a separate personnel category. Volunteer count is verified.

(c) Victoria's 2001-02 data include 328 remunerated volunteers. Victoria's 2002-03 data include 335 remunerated volunteers.

(d) In Queensland data, operational support personnel include station officers.

(e) SA volunteers data are approximated.

(f) In Tasmania, clinical other relates to part time doctors.

FTE = full time equivalent. - Nil or rounded to zero.

Source: State and Territory governments (unpublished).

Table 8A.21

Table 8A.21 **Ambulance asset numbers (number) (a)**

	NSW (b)	Vic (c)	Qld (d)	WA	SA	Tas	ACT	NT	Total
2001-02									
Ambulance stations and locations									
Response locations	241	205	249	178	110	37	6	7	1 033
Communication centres	4	6	10	1	4	1	1	2	29
Other locations	44	17	45	107	3	2	1	5	224
Total	289	228	304	286	117	40	8	14	1 286
Ambulances and other vehicles									
Ambulance general purpose	845	413	637	333	187	104	15	24	2 558
Patient transport vehicles	61	31	96	11	11	2	1	2	215
Operational support vehicles	188	143	60	9	15	17	8	11	451
Special operations vehicles	4	9	–	–	–	–	1	–	14
Administrative vehicles	62	90	138	23	55	4	2	9	383
Other vehicles	48	19	46	18	8	1	–	3	143
Total	1 208	705	977	394	276	128	27	49	3 764
2002-03									
Ambulance stations and locations									
Response locations	241	205	252	179	104	40	7	8	1 036
Communication centres	4	6	10	1	3	1	1	2	28
Other locations	44	29	29	113	6	2	3	4	230
Total	289	240	291	293	113	43	11	14	1 294
Ambulances and other vehicles									
Ambulance general purpose	834	426	615	338	181	102	14	24	2 534
Patient transport vehicles	61	34	106	13	16	2	1	2	235
Operational support vehicles	214	151	95	15	52	19	8	17	571
Special operations vehicles	4	7	–	–	–	2	1	–	14
Administrative vehicles	56	104	88	31	29	7	1	6	322
Other vehicles	48	19	47	20	8	3	–	3	148
Total	1 217	741	951	417	286	135	25	52	3 824

(a) Differences in geography, topography and operational structures require different resourcing models across jurisdictions.

(b) In NSW data, other vehicles include aircraft.

(c) In Victorian data, general purpose ambulances exclude contractors' nonemergency vehicles and special operations vehicles include four fixed wing and three rotary wing aircraft under contract. In 2002-03 data some operational support vehicles are utilised for patient transport work.

(d) In Queensland, some response locations are co-located with other facilities. All communication centres are co-located with other facilities. Administration, education and fleet management (other) facilities are co-located with other facilities.

– Nil or rounded to zero.

Source: State and Territory governments (unpublished).

Table 8A.22

Table 8A.22 **Survival rate from witnessed out-of-hospital cardiac arrests (a)**

	<i>Unit</i>	<i>NSW (b)</i>	<i>Vic (c)</i>	<i>Qld</i>	<i>WA (d)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (e)</i>	<i>NT</i>	<i>Aust</i>
Survivals from witnessed out-of-hospital cardiac arrest incidents										
2000-01	%	na	6.1	10.6	35.0	na	na	19.7	na	10.6
2001-02	%	33.2	20.0	22.6	30.0	na	na	19.4	na	24.8
2002-03	%	na	23.9	19.2	7.2	na	na	21.0	na	19.8
Three year average										
2000-03	%	na	13.6	12.5	33.3	na	na	na	na	16.0
Total witnessed out-of-hospital cardiac arrest incidents										
2000-01	no.	na	611	2 724	40	na	na	na	na	3 395
2001-02	no.	668	731	514	20	na	na	186	na	2 119
2002-03	no.	na	1 089	1 142	306	na	na	100	na	2 637
Three year total										
2000-03	no.	668	2 431	4 380	366	na	na	306	na	8 151

- (a) The definition of witnessed cardiac arrest survival rate relates to percentage of patients in witnessed out-of-hospital cardiac arrest of presumed cardiac origin on whom resuscitation was attempted and who had vital signs on arrival at hospital. National data are inconsistent both within and across jurisdictions, resulting in substantial variation in cardiac arrest survival numbers and rates. The Convention of Ambulance Authorities is considering the definition of cardiac arrest survival and expects to provide advice to the Review in time to collect more comparable data for 2003-04. Data, therefore, need to be interpreted with caution.
- (b) Results need to be used with additional caution because 2001-02 is the first year that NSW has reported cardiac arrest survival data.
- (c) Victorian data for 2000-01 are for the Metropolitan Ambulance Service only and are from a two month sample (August and September 2000). Victorian data for 2001-02 are from an eight month sample (July 2001 to March 2002). Data are subject to an ongoing quality review.
- (d) The WA data for 2000-01 and 2001-02 are paramedic or ambulance officer witnessed out-of-hospital cardiac arrests of presumed cardiac origin, where resuscitation was attempted and patient was in shockable rhythm. Data exclude all paramedic witnessed arrests and arrests where the patient was not in a shockable rhythm. Data for 2000-01 are revised from the 2002 Report.
- (e) The ACT survival rate from out of hospital cardiac arrests data for all years is a six year rolling average.
- na** Not available.

Source: State and Territory governments (unpublished).

Table 8A.23

Table 8A.23 **Ambulance code 1 response times (minutes) (a)**

	<i>NSW</i> (b)	<i>Vic</i> (c)	<i>Qld</i> (d)	<i>WA</i> (e)	<i>SA</i>	<i>Tas</i> (f)	<i>ACT</i>	<i>NT</i> (g)
50th percentile								
1998-99	10.0	9.0	9.0	8.0	7.0	10.0	6.0	na
1999-2000	9.0	8.0	8.0	8.3	7.3	9.9	7.0	np
2000-01	10.3	8.0	9.0	8.4	7.7	10.0	7.2	9.0
2001-02	9.7	9.0	8.0	9.8	8.0	10.0	7.3	9.0
2002-03	9.7	9.0	9.0	9.0	8.5	10.2	7.4	9.0
90th percentile								
1998-99	18.0	14.0	17.0	14.0	13.0	22.0	11.0	na
1999-2000	18.0	15.0	16.0	14.3	12.7	22.3	11.5	np
2000-01	20.7	15.0	17.0	14.6	14.0	21.4	12.1	18.0
2001-02	19.2	15.0	17.0	14.8	14.8	21.0	12.2	17.0
2002-03	19.2	16.0	17.0	15.7	14.6	20.9	12.0	17.0

- (a) Differences between jurisdictions in definitions of response times, geography, personnel mix, and system type for capturing data, affect the comparability of response times data.
- (b) NSW does not triage emergency calls. Results for code 1 cases represent '000' and urgent medical incidents.
- (c) Victorian data for 1998-99 relate to Metropolitan Ambulance Service responses only. Response times are estimated. Data are incomplete due to industrial action.
- (d) The Queensland Ambulance Service responded to 91.4 per cent of all urgent cases in less than or equal to 16 minutes in 2000-01. Casualty room attendances are not included in response count and, therefore, are not reflected in response times data. Response times are reported from the computer aided dispatch data.
- (e) WA data relate to urban responses only.
- (f) Tasmania has the largest proportion of rural population (figure A.4).
- (g) The NT data were not available for 1998-99 and not published for 1999-2000.

na Not available. **np** Not published.

Source: State and Territory governments (unpublished).

Table 8A.24

Table 8A.24 **Satisfaction with ambulance services (a)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
Total patients surveyed 2000 (August 1998 to May 1999) (b)										
Patients surveyed (c)										
Very satisfied	%	73.0	73.0	72.0	76.1	73.7	84.0	65.7	57.2	73.2
Satisfied	%	19.6	17.6	21.0	16.4	17.4	11.8	25.1	33.5	19.0
Other	%	7.4	9.4	6.9	7.5	8.9	4.2	9.2	9.3	7.9
Total usable responses	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total usable responses	no.	482	416	375	375	375	375	375	250	3 023
Patients not surveyed (est.) (c)	'000	504	301	247	82	98	29	16	7	1 283
Total patients (est.)	'000	504	301	247	82	99	30	16	7	1 286
Total patients surveyed 2000 (February 1999 to November 1999) (b)										
Patients surveyed (c)										
Very satisfied	%	74.2	76.4	74.5	75.2	79.0	73.9	74.0	65.3	75.1
Satisfied	%	19.5	16.5	17.3	18.7	12.6	15.7	21.2	19.9	17.7
Other	%	6.4	7.1	8.2	6.0	8.4	10.4	4.8	14.8	7.2
Total usable responses	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total usable responses	no.	482	416	375	375	375	375	375	250	3 023
Patients not surveyed (est.) (c)	'000	500	306	266	99	90	33	14	8	1 316
Total patients (est.)	'000	501	306	267	100	91	33	14	8	1 319
Total patients surveyed 2000 (August 1999 to May 2000) (b)										
Patients surveyed (c)										
Very satisfied	%	73.6	71.6	78.5	69.4	80.1	71.8	76.1	72.7	74.4
Satisfied	%	20.0	18.0	16.1	23.1	15.9	18.9	19.9	11.6	18.6
Other	%	1.2	1.4	–	0.9	–	–	–	4.4	0.8
Total usable responses	%	94.9	91.0	94.5	93.4	96.0	90.7	96.0	88.7	93.8
Total usable responses	no.	482	416	375	375	375	375	375	250	3 023
Patients not surveyed (est.) (c)	'000	454	280	278	119	112	33	16	8	1 301
Total patients (est.)	'000	454	280	278	120	113	34	17	9	1 304
Total patients surveyed 2000 (February to November 2000) (b)										
Patients surveyed (c)										
Very satisfied	%	76.8	70.5	77.7	64.3	75.9	77.5	73.0	74.7	74.2
Satisfied	%	18.7	20.2	17.4	28.1	20.0	17.5	22.2	18.7	19.8
Other	%	4.5	9.2	4.9	7.6	4.2	5.0	4.8	6.5	6.0
Total usable responses	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total usable responses	no.	482	416	375	375	375	375	375	250	3 023
Patients not surveyed (est.) (c)	'000	431	297	253	101	115	34	15	7	1 252
Total patients (est.)	'000	431	297	253	101	115	34	15	8	1 255

Table 8A.24

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
Total patients surveyed 2002 (d)										
Patients surveyed (c)										
Very satisfied	%	na	76.7	79.7	77.6	81.5	84.0	64.4	na	78.4
Satisfied	%	na	17.6	18.6	21.6	16.0	14.1	30.7	na	18.2
Neither very satisfied nor satisfied (e)	%	na	5.7	1.7	0.8	2.5	1.9	4.9	na	3.4
Total usable responses	%	na	100.0	100.0	100.0	100.0	100.0	100.0	na	100.0
Total usable responses	no.	na	1122	479	357	449	262	100	na	2769
Patients not surveyed (c)	'000	na	469	477	142	180	42	24	na	2 034
Total patients	'000	676	471	478	142	181	42	25	23	2 037
Total patients surveyed 2003 (d) (f)										
Patients surveyed (c)										
Very satisfied or satisfied	%	97.3	97.7	96.2	97.9	97.8	98.6	96.1	95.1	97.1
Neither satisfied nor dissatisfied	%	1.0	1.3	1.3	1.6	1.3	1.0	3.9	3.7	1.9
Dissatisfied or very dissatisfied	%	1.7	1.0	2.5	0.6	0.8	0.3	–	1.2	1.0
Total usable responses	%	100.0	100.0	100.0	100.1	99.9	99.9	100.0	100.0	100.0
Total usable responses	no.	480	853	446	514	597	589	155	163	3797
Patients not surveyed (c)	'000	736	509	490	137	185	41	24	23	2 146
Total patients	'000	737	509	491	138	185	42	25	23	2 150

- (a) Caution needs to be used where there are small differences in the PSM results because they are affected by sample and estimate size (SCRCSSP 2002, p. 618).
- (b) Only the final quarter for 2000 had new data because the PSM ceased. Data relate to persons aged 18 years and over who had used an ambulance service in the previous 12 months. The 2001-02 and 2002-03 data are from jurisdictional collections.
- (c) Unusable survey responses are included under patients not surveyed.
- (d) Jurisdictions conducted surveys at various times during 2002 and 2003.
- (e) Includes missing responses to this question from usable patient surveys.
- (f) Reported categories differ from 2002 to 2003, enabling comparisons of these years in two aggregated categories only.

na Not available. – Nil or rounded to zero.

Source: ABS 2001b, *Population Survey Monitor*, Cat. no. 4103.0, Canberra; CAA 2002, *Convention of Ambulance Authorities National Patient Mailout Satisfaction Research 2002, Adelaide*; CAA 2003, *Convention of Ambulance Authorities National Patient Mailout Satisfaction Research 2003, Adelaide*.

Table 8A.25

Table 8A.25 Real ambulance services costs (\$'000)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT (a)	Total
1999-2000									
Labour costs (b)	212 189	127 906	120 425	31 321	45 079	11 916	6 981	5 924	561 741
Salaries and payments in the nature of salaries	212 189	127 906	114 788	31 321	45 079	11 131	6 981	5 924	555 319
Payroll tax	na	na	5 637	na	na	785	na	na	6 422
Capital costs	27 144	18 974	16 068	6 611	5 816	778	480	1 254	77 124
Depreciation	14 333	11 097	16 055	2 501	3 962	–	383	602	48 934
User cost of capital (c)	12 810	7 877	12	4 110	1 853	778	97	652	28 189
Land	2 737	1 355	2	na	89	69	–	176	4 430
Other assets	10 073	6 522	10	4 110	1 764	709	97	476	23 760
Other costs	63 378	82 268	56 414	25 872	18 476	4 199	2 654	2 933	256 195
Interest on borrowings	–	–	3	–	–	–	–	–	3
Total costs (d)	299 974	227 793	192 901	63 804	69 282	16 823	10 116	9 935	890 627
2000-01									
Labour costs (b)	214 116	136 366	150 066	26 756	44 082	12 037	7 187	6 142	596 752
Salaries and payments in the nature of salaries	214 116	136 366	143 546	26 756	44 082	11 344	7 187	6 142	589 539
Payroll tax	na	–	6 520	–	–	692	–	–	7 212
Capital costs	25 708	19 116	29 808	6 680	6 366	3 151	838	1 099	92 767
Depreciation	13 468	11 419	17 271	2 404	4 373	1 071	281	677	50 964
User cost of capital (c)	12 240	7 697	12 537	4 276	1 993	2 080	558	422	41 803
Land	2 596	1 289	2 034	231	113	157	75	22	6 517
Other assets	9 643	6 409	10 503	4 045	1 881	1 923	483	400	35 286
Other costs	75 763	87 196	72 709	30 650	19 845	5 233	2 350	2 477	296 224
Interest on borrowings	243	–	236	–	–	–	151	–	630
Total costs (d)	312 747	241 390	250 313	63 854	70 181	20 264	10 149	9 697	978 596
2001-02									
Labour costs (b)	220 938	160 714	148 205	26 548	47 836	12 707	7 523	6 367	630 838
Capital costs	24 804	22 734	31 837	6 522	7 926	2 077	790	1 111	97 804
Depreciation	14 307	15 296	17 289	2 557	5 382	1 059	404	686	56 980
User cost of capital (c)	10 496	7 438	14 548	3 965	2 544	1 019	386	425	40 825
Land	2 206	1 247	2 372	1 928	230	664	101	22	8 771
Other assets	8 291	6 191	12 176	2 037	2 313	355	286	404	32 054
Other costs	78 107	90 894	70 839	30 061	20 690	4 434	3 638	2 329	300 992
Interest on borrowings	268	–	203	–	–	–	31	–	503
Total costs (d)	321 375	273 096	248 305	61 203	76 222	18 554	11 820	9 785	1 020 361

Table 8A.25

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT (a)</i>	<i>Total</i>
2002-03									
Labour costs (b)	237 513	174 871	150 120	27 153	56 034	12 944	8 838	6 232	660 093
Capital costs	27 273	22 832	33 374	6 980	8 778	2 456	1 085	1 062	103 840
Depreciation	13 471	13 784	17 830	3 026	6 179	1 010	366	637	56 303
User cost of capital (c)	13 802	9 048	15 544	3 954	2 599	1 446	719	425	47 537
Land	3 982	2 137	2 730	1 852	223	154	150	21	11 249
Other assets	9 820	6 911	12 814	2 102	2 376	1 292	569	404	36 288
Other costs	79 911	95 210	79 423	27 158	18 022	4 715	4 031	2 385	310 855
Interest on borrowings	271	–	9 361	–	–	–	–	–	9 632
Total costs (d)	340 444	290 776	250 826	59 439	82 611	19 961	13 804	9 658	1 053 907

- (a) In the NT, all property holding assets are held under a separate entity to St John Ambulance NT. Capital costs reported for 2001-02 are based on \$5 184 000 total assets of the reporting entity which excludes all property holding assets.
- (b) Payroll tax is no longer included in labour costs to improve data comparability. This has the effect of reducing the labour costs of those jurisdictions where services directly pay payroll tax (specifically, Queensland and Tasmania). Labour costs are now equal to salaries and payments in the nature of salaries less payroll tax.
- (c) The user cost of capital is partly dependent on depreciation and asset revaluation methods employed. Details of the treatment of assets by emergency management agencies across jurisdictions are outlined in table 8A.28.
- (d) Excludes the user cost of capital for land. Excludes interest on borrowings.

na Not available. – Nil or rounded to zero.

Source: State and Territory governments (unpublished).

Table 8A.26

Table 8A.26 Real ambulance services expenditure per 1000 people (2002-03 dollars) (a)

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (b)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (c)</i>
1999-2000										
Total	\$m	300.0	227.8	192.9	63.8	69.3	16.8	10.1	9.9	890.6
Population	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2	18.9
Per 1000 people	\$	46 788	48 607	55 092	34 494	46 255	35 686	32 390	51 545	47 059
2000-01										
Total	\$m	312.7	241.4	250.3	63.9	70.2	20.3	10.1	9.7	978.6
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$	48 217	50 912	70 282	34 065	46 631	42 986	32 198	49 585	51 093
2001-02										
Total	\$m	321.4	273.1	248.3	61.2	76.2	18.6	11.8	9.8	1 020.4
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$	48 877	56 839	68 423	32 192	50 420	39 327	37 017	49 479	52 560
2002-03										
Total	\$m	340.4	290.8	250.8	59.4	82.6	20.0	13.8	9.7	1 053.9
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7
Per 1000 people	\$	51 269	59 676	67 660	30 840	54 341	42 225	42 894	48 775	53 599

(a) Total government ambulance expenditure per person is reported in the 2004 Report for the time series replacing total fire expenditure less indirect government and non-government revenue per person. Non-government revenue is now termed other revenue because some items in this category (for example, Veterans' Affairs) are not strictly non-government.

(b) Tasmanian expenditure data for 2000-01 are provided on a full accrual basis and exclude expenditure on administration of the ambulance subscription scheme, hospital based transport services, independent ambulance services, first aid training and clinic transport services.

(c) Totals may not add as a result of rounding.

Source: ABS *Australian Demographic Statistics*, Cat. no. 3101.0 (unpublished); State and Territory governments (unpublished).

Table 8A.27

**Table 8A.27 Real ambulance services funding per 1000 people
(2002-03 dollars) (a)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (b)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (c)</i>
Total ambulance direct and indirect government funding per person (c)										
1999-2000										
Total	\$m	215.5	120.2	115.8	13.8	34.1	12.5	8.1	6.3	526.3
Population	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2	18.9
Per 1000 people	\$	33 612	25 649	33 083	7 435	22 762	26 547	25 916	32 650	27 808
2000-01										
Total	\$m	226.1	136.7	133.8	13.5	34.0	14.6	8.3	5.8	572.8
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$	34 861	28 824	37 581	7 189	22 612	31 052	26 211	29 698	29 908
2001-02										
Total	\$m	209.5	162.3	135.1	14.5	41.3	15.7	8.8	6.1	593.4
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$	31 868	33 788	37 226	7 628	27 319	33 262	27 477	30 968	30 565
2002-03										
Total	\$m	242.1	180.3	148.8	13.8	36.9	15.2	13.4	6.4	656.8
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7
Per 1000 people	\$	36 453	36 996	40 128	7 159	24 271	32 133	41 735	32 261	33 403
Total ambulance direct government funding per person (c)										
1999-2000										
Total	\$m	215.5	120.2	115.8	13.8	34.1	12.5	8.1	6.3	526.3
Population	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2	18.9
Per 1000 people	\$	33 612	25 649	33 083	7 435	22 762	26 547	25 916	32 650	27 808
2000-01										
Total	\$m	226.1	132.7	133.8	13.5	34.0	14.5	2.6	5.8	563.2
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$	34 861	27 997	37 581	7 189	22 612	30 797	8 316	29 698	29 403
2001-02										
Total	\$m	209.5	156.8	135.1	14.5	41.3	15.7	2.4	6.1	581.5
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$	31 868	32 630	37 226	7 628	27 319	33 262	7 615	30 968	29 952
2002-03										
Total	\$m	242.1	175.2	148.8	13.8	36.9	15.2	7.1	6.4	645.4
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7
Per 1000 people	\$	36 453	35 947	40 128	7 159	24 271	32 133	22 137	32 261	32 822

Table 8A.27

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (b)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (c)</i>
Total ambulance other funding per person										
1999-2000										
Total	\$m	68.2	96.1	99.7	47.9	41.3	3.7	1.3	3.1	361.4
Population	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2	18.9
Per 1000 people	\$	10 643	20 516	28 483	25 882	27 554	7 849	4 318	16 299	19 098
2000-01										
Total	\$m	68.5	102.5	103.8	48.1	39.6	1.0	1.2	3.7	368.3
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$	10 554	21 609	29 148	25 684	26 328	2 098	3 741	18 870	19 232
2001-02										
Total	\$m	79.1	111.9	104.7	52.2	47.8	2.4	1.3	3.7	403.1
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$	12 027	23 300	28 864	27 448	31 626	4 989	3 920	18 714	20 763
2002-03										
Total	\$m	74.8	118.2	109.0	55.8	43.8	3.3	1.5	4.6	410.9
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7
Per 1000 people	\$	11 264	24 260	29 394	28 964	28 824	6 879	4 521	22 988	20 896

- (a) Total government ambulance expenditure per person is reported in the 2004 Report for the time series replacing total fire expenditure less indirect government and non-government revenue per person. Non-government revenue is now termed other revenue because some items in this category (for example, Veterans' Affairs) are not strictly non-government.
- (b) Tasmanian expenditure data for 2000-01 are provided on a full accrual basis and exclude expenditure on administration of the ambulance subscription scheme, hospital based transport services, independent ambulance services, first aid training and clinic transport services.
- (c) Totals may not add as a result of rounding.

Source: ABS *Australian Demographic Statistics*, Cat. no. 3101.0 (unpublished); State and Territory governments (unpublished).

All jurisdictions — road rescue
services

Table 8A.28

Table 8A.28 **Reported road rescue incidents and extrications, 2002-03**

	<i>Unit</i>	<i>NSW (a)</i>	<i>Vic (b)</i>	<i>Qld (c)</i>	<i>WA</i>	<i>SA</i>	<i>Tas (d)</i>	<i>ACT (e)</i>	<i>NT</i>	<i>Aust</i>
SES/TES										
Incidents	no.	na	1 258	165	42	630	221	..	7	na
Extrications	no.	na	734	na	12	144	44	..	7	na
All reported services										
Incidents	no.	5 544	2 565	3 797	144	3 804	423	56	306	16 639
Includes SES/TES	no.	No	Yes	Yes	Yes	Yes	Yes	..	Yes	na
Extrications	no.	648	1 103	654	108	564	101	11	105	3 294
Includes SES/TES	no.	No	Yes	No	Yes	Yes	Yes	..	Yes	na
SES/TES										
Incidents	per 100 000 people	na	25.8	4.5	2.2	41.4	46.8	..	3.5	na
Extrications	per 100 000 people	na	15.1	na	0.6	9.5	9.3	..	3.5	na
All reported services										
Incidents	per 100 000 people	83.5	52.6	102.4	7.5	250.2	89.5	17.4	154.5	84.6
Includes SES/TES	per 100 000 people	No	Yes	Yes	Yes	Yes	Yes	..	Yes	na
Extrications	per 100 000 people	9.8	22.6	17.6	5.6	37.1	21.4	3.4	53.0	16.8
Includes SES/TES	per 100 000 people	No	Yes	No	Yes	Yes	Yes	..	Yes	na

(a) In NSW, five agencies provided road rescue services. Data on road rescue have been reported for two agencies, the NSW Ambulance Service and the NSW Fire Brigades.

(b) In Victoria, SES incidents reported are those where the SES responded as the primary rescue crew. SES extricated 1310 people (which included 268 with no injuries, 879 with injuries and 163 deceased).

(c) Queensland numbers of extractions relate to QFRS only. Extrications for the SES were not recorded prior to 1 July 2003.

(d) The Tasmanian Ambulance Service (TAS) performs the road accident rescue function in the urban areas in Tasmania (Hobart, Launceston and Burnie/Devonport) using salaried staff. TAS attended the 2155 total incidents, of which 56 were extrications.

(e) The ACT TES does not perform road rescue.

na Not available. .. Not applicable.

Source: State and Territory governments (unpublished).

Table 8A.29 Reported road rescue extrications as a proportion of reported road rescue incidents, 2002-03 (per cent)

	<i>NSW (a)</i>	<i>Vic (b)</i>	<i>Qld (c)</i>	<i>WA</i>	<i>SA</i>	<i>Tas (d)</i>	<i>ACT (e)</i>	<i>NT</i>	<i>Aust</i>
SES/TES									
Extrication per incident	na	58.3	na	28.6	22.9	19.9	..	100.0	na
All reported services									
Extrication per incident	11.7	43.0	17.2	75.0	14.8	23.9	19.6	34.3	19.8
Includes SES/TES	No	Yes	No	Yes	Yes	Yes	..	Yes	..

(a) In NSW, five agencies provided road rescue services. Data on road rescue have been reported for two agencies, the NSW Ambulance Service and the NSW Fire Brigades.

(b) In Victoria, SES incidents reported are those where SES responded as the primary rescue crew. SES extricated 1310 people (which included 268 with no injuries, 879 with injuries and 163 deceased).

(c) Queensland numbers of extractions relate to QFRS only. Extrications for SES were not recorded prior to 1 July 2003.

(d) The TAS performs the road accident rescue function in the urban areas in Tasmania (Hobart, Launceston and Burnie/Devonport) using salaried staff. TAS attended the 2155 total incidents, of which 56 were extrications.

(e) The ACT TES does not perform road rescue.

na Not available. **..** Not applicable.

Source: State and Territory governments (unpublished).

All jurisdictions — State
Emergency Services/Territory
Emergency Services

Table 8A.30

Table 8A.30 **SES/TES volunteer human resources, 2002-03 (number)**

	<i>NSW (a)</i>	<i>Vic (b)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (c)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
SES/TES operational/nonoperational volunteers									
Operational	na	na	na	2 308	na	550	130	na	na
Nonoperational	na	na	na	na	na	–	50	na	na
SES/TES active/nonactive volunteers									
Active	7 089	3 990	9 883	na	na	na	na	na	na
Nonactive	1 983	1 139	8 382	na	na	na	na	na	na
SES/TES total	9 072	5 129	18 265	2 308	6 808	550	180	539	42 851

(a) In NSW, active volunteers are termed 'active members' and nonactive volunteers are termed 'reserve members'.

(b) In Victoria, nonactive volunteers are those currently not fulfilling the required amount of training per annum but are available in certain roles (that is, administration, communications or general field tasks not requiring current accreditations). Operational and nonoperational volunteers cannot be separated.

(c) All Tasmanian SES volunteers are operational.

na Not available. – Nil or rounded to zero.

Source: State and Territory governments (unpublished).

All jurisdictions — other
information

Table 8A.31

Table 8A.31 **Communications and dispatching systems**

Development stage	NSW (a)	Vic (b)	Qld (c)	WA	SA	Tas (d)	ACT (e)	NT
	Operating	Operating	Operating	Operating	Investigating	Operating	Operating	Operating
Agency involvement	Fire Brigades	Metropolitan Fire and Emergency Services Board	Fire and Rescue Service	Fire and Rescue Emergency Services Authority	Metropolitan Fire Service	Tasmania Fire Service (all brigades)	Fire Brigade	Fire and Rescue
	Rural Fire Service	Country Fire Authority	Ambulance Service	Fire and Rescue Service	Country Fire Service	Ambulance Service	Ambulance	St John Ambulance
	NSW Ambulance Service	Metropolitan Ambulance Service		Local Government Bush Fire Brigades	Ambulance Service		Bushfire Service	TES
Future agency involvement	Complete	SES Police	Complete	Complete	SES Police	Complete	Complete	Police Complete
Coverage	Statewide	Rural Ambulance Victoria Melbourne metropolitan Inner country	Statewide	Statewide	Statewide	Statewide for each service	Territorywide	Darwin emergency response area

(a) A computer aided dispatch system is being implemented for ambulance services in NSW. The NSW Fire Brigades operate a communications and dispatch system for both the Fire Brigades and the Rural Fire Service.

(b) Further development includes technological enhancement of mobile data terminals for all services and an automatic vehicle location system for police, the SES and fire services. (The Metropolitan Ambulance Service is already using an automatic vehicle location system).

(c) The Premier computer aided dispatch system covers approximately 15 500 square kilometres of urban and rural areas in and around Brisbane. Regional computer aided dispatch systems operate in a range of locations across the State. Some more remote areas receive calls and dispatch locally for the ambulance service.

Table 8A.31

	NSW (a)	Vic (b)	Qld (c)	WA	SA	Tas (d)	ACT (e)	NT
--	---------	---------	---------	----	----	---------	---------	----

(d) The computer aided dispatch system is routinely upgraded to enhance service delivery by taking advantage of a range of technological innovations.

(e) Common computer aided dispatch for all four agencies to be implemented.
na Not available.

Source: State and Territory governments (unpublished).

Table 8A.32

Table 8A.32 Selected fire risk management/mitigation strategies (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
Bushfire risk management strategies	Implementation of bushfire risk management plans	Creation of commercial plantation industry brigades (Forestry Industry Brigades)	Bushfire risk management under development	Partnership agreements between Fire and Emergency Services Authority (FESA) and local governments and between FESA and the Department of Conservation and Land Management	Comprehensive Statewide bushfire prevention planning process with a local government focus	Development of Fire Protection Plans for areas at risk from bushfire. Establishment of Multi-Agency Coordination Group comprising TFS, Forestry Tasmania and the Parks & Wildlife Service to jointly manage significant landscape fires	Land Managers' Fuel Management Plan, Bushfire Council Working Groups (for example urban interface) and works with major landholders and developers over risk management	Implementation of hazard reduction plans	Bushfire risk management studies in the Hobart Region and Faulkner (Tas); the Great Lakes, Baulkham Hills and Lake Macquarie/Newcastle (NSW); and Cabooture (Qld) which are funded in part under the Natural Disaster Risk Management Studies Program
Community Fire Units	Community Fire Units								
Amendments to Rural Fires Act leading to implementation of a Bushfire Code of Practice with links to bushfire risk management plans									
Static Water Supply Program	Static Water Supply Program		Community Fire Units	FESA provides a fire risk management service to the Department of Land Administration for unallocated Crown land and unmanaged reserves	FESA provides a fire risk management consultation with government land management agencies and utilities on bushfire prevention planning processes	Establishment of self sustaining neighbourhood groups to develop local bushfire survival strategies			Requirement under Building Code of Australia that residential type buildings in bushfire prone areas be constructed to provide protection against embers, radiation and direct flame contact to reduce danger to life and minimise the risk of the loss of the building
Standards of Fire Cover Program for vehicle resource allocation	Standards of Fire Cover Program for vehicle resource allocation								
Service Delivery Model to guide District activities and ongoing community education strategies	Service Delivery Model to guide District activities and ongoing community education strategies								
Development of a brigade classification system based on risk analysis	Development of a brigade classification system based on risk analysis		Rural brigade classification and resource allocation system based on risk analysis		Mandatory consultation by State and local planning authorities with CFS for new residential and tourist developments in bushfire-prone areas	Permit system to control the number, type and location of prescribed fires burning during the bushfire season.			

Table 8A.32

Table 8A.32 Selected fire risk management/mitigation strategies (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
Community awareness and fire education programs	School fire education programs; Preschool fire education; Aboriginal Fire Stories; Juvenile Intervention and Fire Awareness Program; Partnerships with agencies with similar objectives; Development and distribution of education teaching resources; community safety videotapes, fact sheets available	Community fire awareness programs	Community fire safety and awareness programs: Senior's Fire Ed, Operation Safehome, Fight Fire Fascination	Community fire education programs	Community fire safe programs; community fire safety education for junior and primary schools	Specific fire safety programs for at-risk sectors of domestic and business community	Community awareness fire education programs conducted through: Fire Ed (primary school fire safety education) and the Community Liason and Advisory Safety Program (CLASP)	Community fire awareness programs	Development and distribution of school education teaching resources, television programs, videotapes, maps and bushfire action guides by EMA
Smoke alarm legislation	Mandatory legislation for new homes or homes undergoing major renovations	Mandatory for all homes	Mandatory legislation for hard wired smoke alarm installation in all new households and homes undergoing major renovations	Mandatory legislation for hard wired smoke alarm installation in all new households and homes undergoing major renovations	Legislation mandates hard wired smoke alarms in all new households and in all households and homes before sale	Legislation mandating hard wired smoke alarms in all new homes and those undergoing major renovations	Mandatory legislation for new homes or homes undergoing major renovations	Mandatory legislation for hard wired smoke detector installation in all new households and homes undergoing major renovations	Requirement under Building Code of Australia (developed and managed by the Australian Building Codes Board) that smoke alarms be installed in all new homes
			School education programs	School education programs		Partnerships with agencies with similar objectives		School education programs	Enhancement of Disaster Education in Schools in EMA website
								Hazard abatement programs	

(a) This table does not provide an exhaustive list of fire risk management/mitigation strategies across jurisdictions.
 (b) Some jurisdictions also operate ambulance risk management/mitigation strategies.

Source: State and Territory emergency management agencies (unpublished).

Table 8A.33

Table 8A.33 **Prevention activities of fire services**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
Promotion of:								
Smoke alarms	✓	✓	✓	✓	✓	✓	✓	✓
Maintenance of smoke alarms	✓	✓	✓	✓	✓	✓	✓	✓
Safety switches	✓	✓	✓	✓	✓	✓	✓	✓
Fire extinguishers	✓	✓	✓	✓	✓	✓	✓	✓
Fire blankets	✓	✓	✓	✓	✓	✓	✓	✓
General prevention and awareness for:	✓	✓	✓	✓	✓	✓	✓	✓
Residential	✓	✓	✓	✓	✓	✓	✓	✓
Business and government	✓	✓	✓	✓	✓	✓	✓	✓
Industry	✓	✓	✓	✓	✓	✓	✓	✓
Rural/farming	✓	✓	✓	✓	✓	✓	✓	✓
Targeted programs for:	✓	✓	✓	✓	✓	✓	✓	✓
Cultural and language diversity groups	✓	✓	X	✓	X	X	X	X
Aboriginal and Torres Strait Islander communities	✓	✓	✓	✓	✓	X	X	X
Other risk groups	✓	✓	✓	✓	✓	✓	✓	X
Conduct of community engagement and awareness programs in bush fire prone areas	✓	✓	✓	✓	✓	✓	✓	✓

Source: State and Territory governments (unpublished).

Table 8A.34

Table 8A.34 All activities of fire services

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT
Fire prevention								
Storm damage	✓	✓	✓	✓	✓	X	✓	✓
Advice on rural land management	✓	✓	✓	✓	✓	✓	✓	✓
Preparation of risk assessment and emergency plans	✓	✓	✓	✓	✓	✓	✓	✓
Inspection of property and building for fire hazards and fire standards compliance	✓	✓	✓	✓	✓	✓	✓	✓
Inspection of storage and handling	✓	✓	✓	✓	✓	✓	X	✓
Other	✓	✓	✓	✓	✓	✓	✓	✓
Fire preparedness								
Preparation of response plans	✓	✓	✓	✓	✓	✓	✓	✓
Public training and intervention	✓	✓	✓	✓	✓	✓	✓	✓
Promotion of fire alerting systems	✓	✓	✓	✓	✓	✓	✓	✓
Training of fire personnel	✓	✓	✓	✓	✓	✓	✓	✓
Sale and maintenance of fire protection equipment	✓	✓	✓	X	X	✓	X	X
Hazardous chemicals and material certification	✓	✓	✓	✓	✓	X	X	X
Other	✓	✓	✓	✓	✓	✓	X	✓
Fire response								
Structural fire suppression	✓	✓	✓	✓	✓	✓	✓	✓
Wild fire suppression	✓	✓	✓	✓	✓	✓	✓	✓
Response to incident involving hazardous substances	✓	✓	✓	✓	✓	✓	✓	✓
Interagency response/incident management arrangements	✓	✓	✓	✓	✓	✓	✓	✓
Other	✓	✓	✓	✓	✓	✓	✓	✓
Nonfire response								
Hazardous materials incidents	✓	✓	✓	✓	✓	✓	✓	✓
Chemical biological and radiological incidents	✓	✓	✓	✓	✓	✓	✓	✓
Aircraft/airport incident response	✓	✓	✓	✓	✓	✓	✓	✓
Medical emergencies	X	✓	X	X	X	✓	✓	✓
Road rescue	✓	✓	✓	✓	✓	✓	✓	✓
Industrial rescue	✓	✓	✓	✓	✓	✓	✓	✓
Rescue	✓	✓	✓	✓	✓	✓	✓	✓
Natural events	✓	✓	✓	✓	✓	✓	✓	✓
Marine response	✓	✓	X	✓	✓	X	✓	✓
Technological and hazardous material incidents	✓	✓	✓	✓	✓	✓	✓	✓
Emergency relief and recovery	✓	✓	✓	✓	✓	✓	X	X
Fire recovery								
Critical incident stress debriefing	✓	✓	✓	✓	✓	✓	✓	✓
Salvage and restoration of the emergency event to a safe state	✓	✓	✓	✓	✓	✓	✓	✓
Support for the community	✓	✓	✓	✓	✓	X	✓	X
Post incident analysis of events	✓	✓	✓	✓	✓	✓	✓	✓

Source: State and Territory governments (unpublished).

Table 8A.35

Table 8A.35 **All activities of State Emergency Services and Territory Emergency Services (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
Storm damage	✓	✓	✓	✓	✓	✓	✓	✓
Flood response	✓	✓	✓	✓	✓	✓	✓	✓
Road rescue	✓(s)	✓	✓	✓(s)	✓	✓	X	✓
Earthquakes	✓(s)	✓	✓	✓	✓	✓	✓(s)	✓
Civil defence	✓	✓	✓	✓	✓	✓	✓	✓
Land search and rescue	✓(s)	✓(s)	✓	✓(s)	✓	✓	✓(s)	✓
Inland search and rescue	✓(s)	✓(s)	✓	✓(s)	✓	✓	X	✓
Offshore search and rescue (b)	X	✓(s)	✓	✓(s)	✓	X	X	✓
Diving	X	✓(s)	X	X	X	X	X	X
Support to non-government emergency service organisations	✓	✓	✓	✓	✓	✓	✓	✓
Assistance for municipal planning	✓	✓	✓	✓	✓	✓	X	✓
Conduct of emergency management courses	X	✓	✓	✓	✓	✓	X	✓
Air observer (b)	✓(s)	✓	✓(s)	✓(s)	X	✓(s)	✓	✓
Vertical rescue	✓(s)	✓	✓(s)	✓	✓	✓	X	✓
Public safety awareness and education	✓	✓	✓	✓	✓	✓	✓	✓
Tropical cyclone response	X	X	✓	✓	X	X	X	✓
Tsunami response	✓	X	✓	✓	X	X	X	X

(a) (s) This role is to provide support to another agency in this activity.

(b) The WA SES undertakes air observer duties only, offshore. The WA SES does not participate in sea rescue.

Source: State and Territory governments (unpublished).

Table 8A.36

Table 8A.36 Treatment of assets by emergency management agencies (a), (b), (c)

Depreciation method	NSW		Vic		Qld (d)		WA		SA		Tas		ACT (e)		NT (f)	
	Straight-line	Straight-line	Straight-line	Straight-line	Straight-line	Straight-line	Straight-line	Straight-line	Straight-line	Straight-line	Straight-line	Straight-line	Straight-line	Straight-line	Straight-line	Straight-line
Revaluation method	Fair or market value	Deprival or market value	Fair or market value	Fair or market value	Fair or market value	Deprival or market value	Market value	Market value	Deprival value	Fair value or historical cost	Fair value or historical cost	Market	Market	Market	Market	na
Land																na
Buildings	Fair or market value	Deprival or market value	Fair or market value	Fair or market value	Fair or market value	Deprival or market value	Market	Market	Deprival	Fair value or historical cost	Fair value or historical cost	Market	Market	Market	na	na
Other assets	Fair or market value	Deprival or market value	Fair or market value	Deprival or market value	Cost	Deprival	..	..	Deprival	na	na	na	na	na	na	na
Frequency of revaluations	5 years	1-5 years	5 years	1-5 years	1-5 years	3 years	3 years	3 years	3 years	5 years	5 years	5 years	5 years	5 years	na	na
Useful asset lives	40 years	12-66 years	40 years	1-5 years	15-80 years	40 years	40 years	20-30 years	33-100 years	30-40 years	30-40 years	40 years	40 years	40 years	40 years	40 years
Specialist equipment	15 years	2-50 years	15 years	3-20 years	3-20 years	10-15 years	10-15 years	1-20 years	5-25 years	10 years	5-10 years	5-10 years	5-10 years	5-10 years	5-10 years	5-10 years
IT equipment	3 years	3-5 years	3 years	3-5 years	3-5 years	3 years	3 years	9-20 years	5-10 years	4 years	4 years	na	na	na	na	na
Other vehicles	5-15 years	2-20 years	5-15 years	2-10 years	2-10 years	5-20 years	5-20 years	6-20 years	5-10 years	7-15 years	7-15 years	5-15 years	5-15 years	5-15 years	5-15 years	5-15 years
Office equipment (g)	5-20 years	2-20 years	5-20 years	3-10 years	3-10 years	10-15 years	10-15 years	10 years	3-10 years	7 years	7 years	na	na	na	na	na
Other equipment (h)	5-20 years	3-20 years	5-20 years	3-10 years	3-10 years	5-15 years	5-15 years	5 years	3-10 years	10 years	10 years	na	na	na	na	na
Buildings	5 000	All	5 000	5 000	5 000	1 000	1 000	10 000	1 000	2 000	2 000	na	na	na	na	na
IT equipment	5 000	1 000	5 000	5 000	5 000	1 000	1 000	10 000	1 000	1 000	1 000	na	na	na	na	na
Other assets	5 000	1 000	5 000	5 000	5 000	1 000	1 000	10 000	1 000	1 000	1 000	2 000	2 000	2 000	2 000	2 000

(a) Market value is the current (net) value market selling price or exchange value; deprival value may be either the depreciated replacement cost of an asset of a similar service potential or the stream of its future economic benefits.

(b) Estimated as 1/depreciation rate.

(c) Asset lives for some assets have been grouped with other classifications.

Table 8A.36

	NSW	Vic	Qld (d)	WA	SA	Tas	ACT (e)	NT (f)
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(d) The recognition threshold for the revaluation of assets is \$500 000.

(e) Treatment includes all four response agencies: the ACT Fire Brigade, the ACT Bushfire Service, the ACT Emergency Service and the ACT Ambulance Service.

(f) Services have reported under accrual based accounting from 2002-03. Those items reported are for St John Ambulance Service.

(g) For some jurisdictions, office equipment includes furniture and fittings.

(h) For some jurisdictions, other equipment includes information technology.

na Not available... Not applicable.

Source: State and Territory governments.

Table 8A.37

Table 8A.37 Summary of emergency management organisations by event type, 2003

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
Fires	NSW Fire Brigades	Melbourne Fire and Emergency Services Board	Qld Fire and Rescue Service	FESA Fire Services	Country Fire Service	Tasmania Fire Service	ACT Fire Brigade	NT Fire and Rescue Service	Airservices Australia (Rescue and Fire Fighting Service)
	NSW Rural Fire Service	Country Fire Authority	Qld Police Service	Local governments	Metropolitan Fire Service	Forestry Tasmania	ACT Bush Fire Services	Bushfires Council of NT	Defence
	NSW Police Service	Department of Sustainability and Environment	Department of Natural Resources	Department of Conservation and Land Management		Parks and Wildlife		Aviation Rescue and Fire Fighting Authority	Emergency Management Australia
	Ambulance Service of NSW	Parks Victoria	National Parks and Wildlife	Forest Products Commission				Parks and Wildlife	Bureau of Meteorology
		Airport Rescue and Firefighting Service	Local government assets	FESA State Emergency Service (support)					Australian Building Codes Board
		Gas distribution companies	Qld Ambulance Service	WA Police Service					Department of Transport and Regional Services
			Qld SES	Department for Community Development					
Medical transport and emergencies	Ambulance Service of NSW	Metropolitan Ambulance Victoria	Qld Rescue (Helicopter)	St John Ambulance	SA Ambulance Service	Tasmania Ambulance Service	ACT Ambulance Service	St John Ambulance	
	NSW Health	Rural Ambulance Victoria	Qld Rescue	FESA SES (support)				Royal Flying Doctor Service	
	Helicopter Rescue Services (under ambulance control)	Melbourne Fire and Emergency Services Board	Qld Health	Royal Flying Doctor Service				Territory Health Service	
Rescues	NSW Fire Brigades	Melbourne Fire and Emergency Services Board	Qld Fire and Rescue Service	WA Police Service	State Emergency Service	Tasmania Police	ACT Fire Brigade	NT Fire and Rescue Service	Australian Maritime Safety Authority
	NSW Police Service	Country Fire Authority	Qld SES	FESA Fire Services	Metropolitan Fire Service	State Emergency Service	Australian Federal Police	NT Emergency Services	Defence
	Ambulance Service of NSW	Victoria SES	Qld Ambulance Service	FESA SES (support)	Country Fire Service	Tasmania Fire Service		NT Police	Australian Customs Service
	NSW SES	Victoria Police	Qld Police Service	FESA Volunteer Marine Rescue Services	SA Police	Tasmania Ambulance Service			

Table 8A.37

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
	Volunteer Rescue Association	Metropolitan Ambulance Victoria	Qld Rescue	St John Ambulance	SA Ambulance Service				
	Mines Rescue Service	Rural Ambulance Victoria	Volunteer Marine Rescue		State Rescue Helicopter Service				
	Royal Volunteer Coastal Patrol	Volunteer Groups	Australian Volunteer Coast Guard		Surf Life Saving Association of SA				
	Australian Volunteer Coast Guard	Municipal councils							
		Building Control Commissioner							
Natural events	State Emergency Service	Victoria State Emergency Service	Local government	FESA SES (support)	SDP Functional Services	State Emergency Service	Australian Federal Police	NT Emergency Service	Emergency Management Australia
	NSW Police Service	Victoria Police	Qld State Emergency Service	FESA Fire Services		Department of Police and Public Safety	ACT Fire Brigade	NT Police	Department of Transport and Regional Services
	NSW Fire Brigades	Melbourne Fire and Emergency Services Board	Qld Fire and Rescue Service	WA Police Service		Tasmania Fire Service	ACT Emergency Service	NT Fire and Rescue Service	Geoscience Australia
	Ambulance Service of NSW	Country Fire Authority	Qld Police Service	Department for Community Development		Tasmanian Ambulance Service	Department of Urban Service	Parks and Wildlife	Bureau of Meteorology
	Volunteer Rescue Association	Municipal councils	Qld Ambulance Service	Department of Mineral and Petroleum Resources		Local government authorities	ACT Ambulance Service	Local Councils	Defence
	Department of Public Works and Services	Volunteer groups	Environmental Protection Agency	Department of Agriculture		Department of Health and Human Services	ACT Bushfire Service		Australian Building Codes Board
Natural events (continued)	NSW Agriculture		Department of Families	Department of Health					
	Environmental Protection Authority			Water Corporation					
	Department of Transport			Department for Planning and Infrastructure					
	Department of Community Services								
	Mines Rescue Service								

Table 8A.37

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
	NSW Health								
	Red Cross								
	St. Vincent De Paul								
	Seventh Day Adventist								
	Salvation Army								
	Local government authorities								
	NSW Rural Fire Service								
Technological and hazardous material incidents	NSW Fire Brigades	Melbourne Fire and Emergency Services Board	Qld Fire and Rescue Service	FESA Fire Services	SDP Functional Services	DPIWE (Environmental and Pollution Control)	ACT Fire Brigade	NT Fire and Rescue Service	Australian Maritime Safety Authority
	NSW Rural Fire Service	Country Fire Authority	Chemical Hazards Unit	WA Police Service	SA Ambulance Service		Australian Federal Police	NT Police	Department of Transport and Regional Services
	Environmental Protection Authority	Victoria Police	Qld Transport	Industry Emergency Response Groups		SES	Environment Protection Authority	Territory Health Service	Emergency Management Australia
	NSW Police Service	Metropolitan Ambulance Victoria	Qld Health	Department of Mineral and Petroleum Resources		Local government	ACT Health and Community Care	St John Ambulance	Airservices Australia
	Ambulance Service of NSW	Rural Ambulance Victoria	Qld Ambulance Service	St John Ambulance		Department of Police and Public Safety		MBT	Civil Aviation Safety Authority
	NSW Health	Department of Human Services	Qld Police Service	Department of Environment, Catchment and Water Protection		Tasmania Fire Service		NT TES	Australian Transport Safety Bureau
	National Oil Spill Committee	Vic Workcover Authority		Department of Health		Tasmania SES		Work Health Authority	Defence
	Port Corporations	Environmental Protection Authority		Water Corporation		Tasmanian Ambulance Service			
	Oil Companies	Marine Board		Alinta Gas		Department of Primary Industries, Water and Environment			
	National Parks and Wildlife Service	(Vic Channels, Local Ports Operators)		Port Authorities		Department of Health and Human Services			

Table 8A.37

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
Quarantine and disease control		Department of Sustainability and Environment		Department of Conservation and Land Management		Department of Infrastructure, Energy and Resources			
		Parks Victoria		Department of Planning and Infrastructure		Local government authorities			
	NSW Health	Department of Sustainability and Environment	Department of Primary Industries	Department of Health	SDP Functional Services	Department of Primary Industries, Water and Environment (Quarantine)	ACT Health and Community Care	NT Emergency Service	Department of Health and Aging
	NSW Agriculture	(Water Agencies and Agriculture)	Department of Natural Resources	Department of Agriculture		Department of Health and Human Services	Environment ACT	Territory Health Service	Australian Quarantine and Inspection Service
	Water Authorities	Municipal councils	Qld Health	Water Corporation			ACT Electricity and Water	NT Police	Australian Customs Service
Emergency relief and recovery	NSW Police Service	Department of Human Services (Public Health)	Department of Emergency Services (DES)					Transport and Works Department	Emergency Management Australia
	National Parks and Wildlife Service		Qld Transport	FESA				Department Primary Industry and Fisheries	Agriculture, Fisheries and Forestry Australia
	NSW Fire Brigades		Local government						Department of Foreign Affairs and Trade
	The Emergency Management Structure	Municipal councils	Department of Emergency Services (DES)	Department of Community Development	SDP Functional Services	Department of Health and Human Services (Community and Rural Health)	Department Community Services	NT TES	Department Family and Community Services
	NSW Police Service	Department of Human Services (Public Health)	Department of Families	Utility agencies		Salvation Army	Department Urban Services	Territory Health Services	Centrelink
Department of Public Works and Services	Church/charitable organisations	Local government	Department of Health		Department of Infrastructure Energy and Resources	Emergency Services	Government departments	Department Transport and Regional Services	
Department of Community Services	Victoria SES	Qld SES	Department of Premier and Cabinet		Local government		Charity organisations	Emergency Management Australia	
Premier's Department	Victoria Police	Qld Health	Local governments		Tasmania SES		Red Cross		

Table 8A.37

NSW	Vic	Qld	SA	Tas	ACT	NT	Aus Gov
NSW Health	Department of Sustainability and Environment (Agriculture)		Insurance Council of Australia				
NSW Agriculture			FESA - Fire Services, SES, Emergency Management Services				
Red Cross							
St. Vincent De Paul							
Department of Transport	Vic Roads		Department of Treasury and Department of Agriculture				
Department of Education	Utility companies						
Ethnic Affairs			Department Environment, Catchment and Water Protection				
Salvation Army			Department Mineral and Petroleum Resources				
Seventh Day Adventist							
Local government authorities			Department Planning and Infrastructure				

(a) Information on emergency management activities was initially collected from the Survey of Emergency Management Activities conducted in 2000. This information was updated by jurisdictions for the 2002, 2003 and 2004 Reports without the survey being reconducted.

(b) Organisations are ordered by level of involvement in each event type. That is, the first mentioned organisation for each jurisdiction under each event type is the most involved combatting organisation, the second mentioned is the second main combatting organisation, through to the last mentioned, which is the most minor combatting organisation listed (and there may be other organisations with a role, more minor again which are not listed).

Source: Australian, State and Territory governments (unpublished).

Table 8A.38 Reported fires and other primary incidents, urban and rural inclusions and exclusions (number) (a)

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
2002-03								
Total incidents	✓	✓	✗	✓	✓	✓	✓	✗
Median \$ loss	✗	✓	✗	✓	✓	✓	✓	✗
Loss per person	✗	✓	✗	✓	✓	✓	✓	✗
Total fire incidents	✓	✓	✗	✓	✓	✓	✓	✗
Response times	✓	✓	✗	✓	✓	✓	✓	✗
Room of origin	✗	✗	✗	✓	✗	✓	na	✗
2001-02								
Total incidents	✓	✓	✗	✓	✓	✓	✓	✗
Median \$ loss	✗	✓	✗	✓	✓	✓	✓	✗
Loss per person	na	✓	✗	✓	✓	✓	✓	✗
Total fire incidents	✓	✓	✗	✓	✓	✓	✓	✗
Response times	✗	✓	✗	✓	✓	✗	✓	✗
Room of origin	✗	✗	✗	✓	✗	✗	na	✗
2000-01								
Total incidents	✓	✓	✓	✓	✓	✓	✓	✗
Median \$ loss	✓	✓	✗	✓	✓	✓	✓	✗
Loss per person	na	✓	✓	✓	✓	✓	✓	✗
Total fire incidents	✓	✓	✓	✓	✓	✓	✓	✗
Response times	✓	✓	✗	✓	✗	✗	✓	✗
Room of origin	✓	✗	✗	✓	✗	✗	na	✗

(a) Includes means that both rural and urban emergency services data are included, or assumed to be included. Excludes means that rural emergency services data are excluded. The Review is based on the assumption that if a caveat does not state otherwise, then data from all emergency services in each jurisdiction are included in the Report.

na Not available. ✓ Includes. ✗ Excludes.

Source: State and Territory governments (unpublished).