

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. Unsourcesd 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). 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 events

Table 8A.1

Table 8A.1 Real major sources of fire service organisations' funding (2003-04 dollars) (a)

	<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>
1999-2000										
Government grants (i)	%	16.8	22.5	18.4	42.6	–	8.5	70.3	95.3	34.3
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	–	–	55.4
On insurance companies	%	68.0	70.1	–	51.5	–	20.3	–	–	26.2
On property owners	%	9.2	–	74.4	0.0	95.2	54.1	–	–	29.1
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	2.3
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	34.3
Other revenue	%	83.2	77.5	81.6	57.4	100.0	91.5	29.7	4.7	65.7
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Government revenue	\$m	80.9	70.2	46.3	47.1	–	3.3	16.5	21.1	285.5
Other revenue	\$m	401.1	242.1	204.9	63.4	119.6	35.8	7.0	1.0	1 074.8
Total	\$m	482.0	312.3	251.1	110.6	119.6	39.1	23.5	22.1	1 360.3

Table 8A.1

Table 8A.1 Real major sources of fire service organisations' funding (2003-04 dollars) (a)

	<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>
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
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Government revenue	%	24.4	29.2	17.2	36.9	0.4	11.2	73.5	91.7	24.8
Other revenue	%	75.6	70.8	82.8	63.1	99.6	88.8	26.5	8.3	75.2
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Government revenue	\$m	113.9	98.2	44.6	38.8	0.5	4.6	19.8	20.8	341.1
Other revenue	\$m	352.8	238.5	214.8	66.5	119.4	36.1	7.1	1.9	1 037.1
Total	\$m	466.7	336.7	259.5	105.3	119.9	40.7	26.9	22.7	1 378.3

Table 8A.1

Table 8A.1 Real major sources of fire service organisations' funding (2003-04 dollars) (a)

	<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>
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	120.4	79.3	51.1	36.4	0.7	3.8	22.9	13.9	328.5
Indirect government revenue and other revenue	\$m	466.2	277.6	221.3	62.5	111.5	39.1	3.4	0.5	1 182.2
Total	\$m	586.6	356.9	272.4	99.0	112.2	42.9	26.3	14.4	1 510.7

Table 8A.1

Table 8A.1 Real major sources of fire service organisations' funding (2003-04 dollars) (a)

	<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>
2002-03										
Government grants (i)	%	18.6	25.0	20.9	36.6	0.1	12.3	98.8	89.7	22.0
Australian	%	1.0	0.4	0.8	0.6	0.1	0.4	–	1.9	0.7
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	21.8
Indirect government revenue and other revenue	%	81.5	75.0	79.1	63.4	99.9	87.7	11.9	10.3	78.2
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Direct government revenue	\$m	122.6	97.8	61.6	37.7	0.1	6.1	23.4	14.3	363.6
Indirect government revenue and other revenue	\$m	540.2	292.8	232.6	65.4	123.7	43.4	3.2	1.6	1 303.0
Total	\$m	662.8	390.6	294.2	103.1	123.8	49.6	26.5	16.0	1 666.6

Table 8A.1

Table 8A.1 Real major sources of fire service organisations' funding (2003-04 dollars) (a)

	<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>
2003-04										
Government grants (i)	%	18.5	21.3	20.6	1.0	0.3	10.4	81.7	90.7	18.7
Australian	%	–	0.5	1.1	1.0	0.3	0.6	–	2.5	0.5
State/Territory	%	9.8	15.2	19.5	–	–	9.9	81.7	88.2	13.7
Local	%	8.7	5.6	–	–	–	–	–	–	4.5
Levies	%	74.6	69.8	72.0	95.9	94.1	71.9	–	–	73.6
On insurance companies	%	71.7	67.9	–	26.3	–	29.4	–	–	45.5
On property owners	%	2.9	1.9	72.0	69.6	94.1	42.5	–	–	28.1
User charges	%	3.2	3.7	5.4	1.1	2.0	13.3	11.4	8.8	4.0
Miscellaneous	%	3.7	5.2	2.0	2.0	3.6	4.3	6.9	0.5	3.7
Indirect revenue (i)	%	–	–	–	–	–	–	8.9	–	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	21.3	20.6	1.0	0.3	10.4	72.8	90.7	18.5
Indirect government revenue and other revenue	%	81.5	78.7	79.4	99.0	99.7	89.6	27.2	9.3	81.5
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Direct government revenue	\$m	104.9	92.3	61.1	1.1	0.3	5.0	25.1	14.3	304.1
Indirect government revenue and other revenue	\$m	463.5	341.4	235.3	115.2	128.9	43.1	9.4	1.5	1 338.1
Total	\$m	568.4	433.7	296.4	116.4	129.2	48.1	34.4	15.7	1 642.3

(a) Real expenditure is based on the Australian Bureau of Statistics (ABS) GDP price deflator 2003-04 = 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. NSW Fire Services data for 2001-02 and 2002-03 are artificially inflated by significant abnormal grants associated with natural disasters.

(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.

Table 8A.1

Table 8A.1 **Real major sources of fire service organisations' funding (2003-04 dollars) (a)**

	<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>
(e)	For WA, data for 1999-2000 to 2002-03 do not include funding for Local Government Bush Fire Brigades. Data for 2003-04 includes operational and recurrent costs of Local Government Bush Fire Brigades, now funded by the Emergency Services Levy. Property-based Emergency Services Levy (ESL) began in WA on 1 July 2003; insurance fire levies ended 31 December 2003. For this transitional year 2003-04 funding includes part insurance fire levy and part ESL.									
(f)	The SA increase in Australian Government grants in 2002-03 is due to the Country Fire Service matching Australian Government funding.									
(g)	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 service organisations (a), (b)**

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld (e)</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (f)</i>	<i>NT</i>	<i>Aust</i>
2000-01										
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	26 048
Hazardous conditions	no.	11 810	5 766	2 771	1 084	1 786	320	na	na	23 537
Calls to floods, storm and tempest and other natural disasters	no.	5 075	3 410	2 270	628	1 696	321	na	na	13 400
Good intent calls	no.	10 300	8 776	4 027	1 631	1 088	978	na	172	26 972
Malicious false calls	no.	6 376	4 401	1 718	387	1 023	203	na	na	14 108
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
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

Table 8A.2

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

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld (e)</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (f)</i>	<i>NT</i>	<i>Aust</i>
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	0.0
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	%	33.9	36.0	36.9	60.4	32.9	46.0	na	na	na
Total other emergencies and incidents	%	66.1	64.0	63.1	39.6	67.1	54.0	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

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

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld (e)</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (f)</i>	<i>NT</i>	<i>Aust</i>
2001-02										
Fires										
Fires in a structure, involving a structure	no.	7 844	6 345	2 484	1 466	1 906	762	na	na	20 807
Landscape fires, bush and grass	no.	21 297	6 570	15 667	11 309	3 630	2 256	na	na	60 729
Other fires	no.	20 156	9 653	5 361	4 128	3 526	1 221	na	na	44 045
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	25 833
Calls to floods, storm and tempest and other natural disasters	no.	5 877	3 257	2 107	635	1 385	241	na	na	13 502
Good intent calls	no.	11 773	8 269	4 214	1 534	1 118	988	na	630	28 526
Malicious false calls	no.	6 187	3 380	1 523	359	959	187	na	600	13 195
System initiated false alarms	no.	44 129	9 158	13 529	5 636	4 389	1 235	na	2 127	80 203
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

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

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld (e)</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (f)</i>	<i>NT</i>	<i>Aust</i>
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	%	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

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

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld (e)</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (f)</i>	<i>NT</i>	<i>Aust</i>
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
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

Table 8A.2

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

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld (e)</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (f)</i>	<i>NT</i>	<i>Aust</i>
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	%	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

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

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld (e)</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (f)</i>	<i>NT</i>	<i>Aust</i>
2003-04										
Fires										
Fires in a structure, involving a structure	no.	7 192	5 989	2 538	1 391	1 833	762	245	119	20 069
Landscape fires, bush and grass	no.	16 266	6 130	9 376	8 387	3 182	2 124	238	1 704	47 407
Other fires	no.	18 036	9 258	5 335	4 083	3 757	1 164	522	269	42 424
Total fires	no.	41 494	21 377	17 249	13 861	8 772	4 050	1 005	2 092	109 900
Other emergencies and incidents										
Nonfire rescue calls including road rescue	no.	11 047	7 190	10 501	804	3 596	452	1 082	551	35 223
Hazardous conditions	no.	12 464	6 309	3 760	1 065	1 821	256	438	163	26 276
Calls to floods, storm and tempest and other natural disasters	no.	6 836	2 955	2 702	612	1 809	318	974	183	16 389
Good intent calls	no.	11 281	8 504	4 574	1 315	1 699	844	537	157	28 911
Malicious false calls	no.	6 140	2 831	1 752	243	838	136	174	86	12 200
System initiated false alarms	no.	48 185	10 188	16 890	6 367	5 239	3 348	5 162	2 506	97 885
Other	no.	8 122	3 779	4 907	1 436	4 042	54	113	294	22 747
Total other emergencies and incidents	no.	104 075	41 756	45 086	11 842	19 044	5 408	8 480	3 940	239 631
Incident type not reported	no.	3 270	–	428	–	–	329	–	70	4 097
Total fires, other emergencies and incidents	no.	148 839	63 133	62 763	25 703	27 816	9 787	9 485	6 102	353 628
Fires										
Fires in a structure, involving a structure	%	17.3	28.0	14.7	10.0	20.9	18.8	24.4	5.7	18.3
Landscape fires, bush and grass	%	39.2	28.7	54.4	60.5	36.3	52.4	23.7	81.5	43.1
Other fires	%	43.5	43.3	30.9	29.5	42.8	28.7	51.9	12.9	38.6
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	%	10.6	17.2	23.3	6.8	18.9	8.4	12.8	14.0	14.7
Hazardous conditions	%	12.0	15.1	8.3	9.0	9.6	4.7	5.2	4.1	11.0

Table 8A.2

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

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld (e)</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (f)</i>	<i>NT</i>	<i>Aust</i>
Calls to floods, storm and tempest and other natural disasters	%	6.6	7.1	6.0	5.2	9.5	5.9	11.5	4.6	6.8
Good intent calls	%	10.8	20.4	10.1	11.1	8.9	15.6	6.3	4.0	12.1
Malicious false calls	%	5.9	6.8	3.9	2.1	4.4	2.5	2.1	2.2	5.1
System initiated false alarms	%	46.3	24.4	37.5	53.8	27.5	61.9	60.9	63.6	40.8
Other	%	7.8	9.1	10.9	12.1	21.2	1.0	1.3	7.5	9.5
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	%	27.9	33.9	27.5	53.9	31.5	41.4	10.6	34.3	31.1
Total other emergencies and incidents	%	69.9	66.1	71.8	46.1	68.5	55.3	89.4	64.6	67.8
Total incident type not reported	%	2.2	0.0	0.7	0.0	0.0	3.4	0.0	1.1	1.2
Total fires, other emergencies and incidents	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Three year growth rate										
Fires	%	-15.8	-5.3	-26.6	-18.0	-3.2	-4.5	na	na	na
Other emergencies and incidents	%	7.4	-1.2	14.3	-1.3	4.2	0.8	na	na	na

- (a) Data in this table may be different to other tables in the chapter as these data only reflect responses from fire service organisations. 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.
- (b) Includes data for both urban and rural fire service organisations in all jurisdictions except Queensland, the ACT and the NT, which report data for either urban or rural fire service organisations (but not both).
- (c) Due to data collection issues, 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. 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 NSW 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. Landscape fires for 2003-04 include 705 incidents from the Department of Sustainability and Environment.
- (e) 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.
- (f) In the ACT, the January 2003 bushfires included in the 2002-03 data have been counted as one event.

Table 8A.2

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

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld (e)</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (f)</i>	<i>NT</i>	<i>Aust</i>
--	-------------	----------------	----------------	----------------	-----------	-----------	------------	----------------	-----------	-------------

na Not available. – Nil or rounded to zero.

Source: State and Territory governments (unpublished).

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

	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA	Tas (f)	ACT (g)	NT (h)	Aust	
2001-02	no.	21 739	6 583	15 667	4 173	3 768	1 641	120	3 479	57 170
2002-03	no.	21 942	8 862	13 042	9 597	3 642	2 737	623	2 137	62 582
2003-04	no.	16 529	6 835	9 376	8 740	3 182	2 273	238	1 704	32 348

- (a) These data may be different to those reported elsewhere in the chapter because these data reflect responses from fire service organisations and other services for some jurisdictions.
- (b) NSW data include fires from the NSW Department of Environment and Conservation, the NSW Rural Fire Service and the NSW Fire Brigades for all bush and grass fires regardless of size of area burnt.
- (c) 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. Landscape fires for 2003-04 include 705 incidents from the Department of Sustainability and Environment.
- (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. Data includes data from QFRS urban stations and rural brigades. Land Management agency data is not available to QFRS.
- (e) 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. Included in the data are 525 landscape fires in 2002-03; and 353 landscape fires in 2003-04, for which the CALM was the lead agency.
- (f) For Tasmania, data includes all vegetation fires, regardless of size, from all fire brigades (full-time and volunteer) and land management agencies.
- (g) In the ACT, the January 2003 bushfires included in the 2002-03 data have been counted as one event.
- (h) 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 Accidental residential structure fires reported to fire service organisations per 100 000 households (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
1999-2000	97.9	163.5	71.7	61.2	na	233.9	na	40.0	100.7
2000-01	111.9	165.0	75.6	73.4	99.2	209.1	na	43.1	113.2
2001-02	133.3	159.1	73.9	75.1	95.0	203.7	na	43.5	118.1
2002-03	131.9	146.4	74.1	75.0	88.9	203.1	na	57.1	114.1
2003-04	136.5	147.8	69.1	68.3	80.0	185.3	105.7	47.6	114.9

(a) Includes data for both urban and rural fire service organisations in all jurisdictions except the ACT, which report data for either urban or rural fire service organisations (but not both).

(b) Data for the number of households are estimates of the number of households for the usually resident population (based on the census count of households). Estimates exclude non-private dwellings, households occupied by overseas visitors, and unoccupied dwellings. Household estimates as at 30 June. This means that, for example, household data as at 30 June 2001 have been used as the denominator in calculating the 2001-02 data. Data on the number of households for 2002 and 2003 are unavailable. Data for accidental residential structure fires per 100 000 households for 2002-03 and 2003-04 have been calculated using 2001 household data.

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

Table 8A.5

Table 8A.5 Fire service organisations' human resources

	<i>Unit (a)</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</i>	<i>NT (g)</i>	<i>Aust</i>
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	80.1	88.8	66.0	75.4	83.8	77.8
Firefighting personnel	FTE	3 522	1 894	2 082	819	158	278	248	160	9 161
Permanent firefighters	FTE	3 070	1 874	1 922	813	–	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	178	421	329	191	11 896
Volunteer firefighters (h)	no.	68 710	61 657	46 534	21 676	17 000	4 866	650	461	221 554

Table 8A.5

Table 8A.5 Fire service organisations' human resources

	<i>Unit (a)</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</i>	<i>NT (g)</i>	<i>Aust</i>
2002-03										
Firefighting personnel	%	80.7	67.1	78.7	74.4	96.6	65.4	74.1	89.7	77.3
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
2003-04										
Firefighting personnel	%	79.5	67.5	77.1	74.2	96.6	65.1	69.2	84.1	76.3
Firefighting personnel	FTE	3 747	2 028	2 086	872	842	282	229	180	10 266
Permanent firefighters	FTE	3 225	2 010	1 930	860	752	282	229	174	9 462
Part time and other firefighters	FTE	522	18	156	12	90	–	–	6	804
Support personnel	FTE	967	976	618	303	30	151	102	34	3 181
Total	FTE	4 714	3 004	2 704	1 175	872	433	331	214	13 447
Volunteer firefighters (h)	no.	73 059	58 583	44 286	21 987	11 161	4 766	810	521	215 173

(a) FTE = full time equivalent.

(b) In NSW data, numbers for fire service organisations include community fire unit members.

(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 service organisations. Fire agency support staff include Metropolitan Fire Service training, building inspection and fire cause investigatory staff. Volunteer firefighters' data include 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.

Table 8A.5

Table 8A.5 **Fire service organisations' human resources**

	<i>Unit (a)</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</i>	<i>NT (g)</i>	<i>Aust</i>
--	-----------------	----------------	----------------	----------------	---------------	---------------	------------	------------	---------------	-------------

(h) Numbers for fire service organisations 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.6

Table 8A.6	Fire deaths (a), (b)										
	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust	
Fire deaths, exposure to smoke, fire and flames											
1998	no.	48	19	15	9	9	10	-	5	115	
1999	no.	28	19	20	4	12	5	-	3	91	
2000	no.	35	26	17	7	5	3	-	4	97	
2001	no.	15	8	7	7	11	6	3	-	57	
2002	no.	31	24	16	9	10	7	-	3	100	
Fire deaths, intentional self-harm by smoke, fire and flames											
1998	no.	7	5	8	-	-	-	-	-	20	
1999	no.	8	4	6	3	5	-	-	-	26	
2000	no.	17	3	6	-	3	-	-	-	29	
2001	no.	15	3	6	3	3	3	-	-	33	
2002	no.	9	6	5	-	-	-	-	-	20	
Fire deaths, assault by smoke, fire and flames											
1998	no.	-	3	3	-	-	-	-	-	6	
1999	no.	-	-	3	-	-	-	-	-	3	
2000	no.	-	3	13	-	-	-	-	-	16	
2001	no.	-	-	4	-	-	-	-	-	4	
2002	no.	3	-	-	-	-	-	-	-	3	
Fire deaths, exposure to smoke, fire and flames, undetermined intent											
1998	no.	-	-	-	-	-	-	-	-	-	
1999	no.	-	-	-	-	-	-	-	-	-	
2000	no.	-	-	-	-	3	-	-	-	3	
2001	no.	-	3	-	-	-	-	-	-	3	
2002	no.	-	-	-	-	-	-	-	-	-	
Total fire deaths											
1998	no.	55	27	26	9	9	10	-	5	141	
1999	no.	36	23	29	7	17	5	-	3	120	
2000	no.	52	32	36	7	11	3	-	4	145	
2001	no.	30	14	17	10	14	9	3	-	97	
2002	no.	43	30	21	9	10	7	-	3	123	
Fire death rate											
1998	per million people	8.7	5.8	7.5	4.9	6.0	21.2	0.0	26.3	7.5	
1999	per million people	5.6	4.9	8.3	3.8	11.3	10.6	-	15.6	6.3	
2000	per million people	8.0	6.7	10.1	3.7	7.3	6.4	-	20.5	7.6	
2001	per million people	4.6	2.9	4.7	5.3	9.3	19.1	9.4	-	5.0	
2002	per million people	6.5	6.2	5.7	4.7	6.6	14.8	-	15.1	6.3	

Table 8A.6

Table 8A.6 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</i>	<i>NT</i>	<i>Aust</i>
Three year average										
1998-2000	per million people	7.4	5.8	8.7	4.1	8.2	12.7	0.0	21	7.1
1999-2001	per million people	6.1	4.8	7.7	4.3	9.3	12.0	3.2	12	6.3
2000-2002	per million people	6.3	5.3	6.8	4.6	7.7	13.4	3.1	12	6.3
Population (c)										
Jun 1998	m	6.3	4.6	3.4	1.8	1.5	0.5	0.3	0.2	18.7
Jun 1999	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2	18.9
Jun 2000	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Jun 2001	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Jun 2002	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6

(a) Fire deaths data are reported by the State or Territory of the deceased's usual residence, and by the year the death was registered.

(b) 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.

(c) Population estimates at 30 June.

– Nil or rounded to zero.

Source: ABS *Causes of Death, Australia*, Cat. no. 3303.0 (unpublished).

Table 8A.7

Table 8A.7	Fire injuries (a), (b)	Unit								
		NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
Total fire injuries										
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
2002-03	no.	847	537	553	306	262	na	na	na	2 706
Fire injury rate										
1998-99	per 100 000 people	11.1	7.9	9.6	19.6	12.2	8.1	3.2	33.2	11.0
1999-2000	per 100 000 people	13.3	9.4	18.3	19.0	16.4	13.2	7.3	59.8	14.4
2000-01	per 100 000 people	14.1	9.1	17.0	19.7	16.9	7.4	4.1	51.6	14.2
2001-02	per 100 000 people	14.6	10.5	18.8	18.8	16.1	13.1	7.5	53.4	15.1
2002-03	per 100 000 people	12.7	10.9	14.6	15.7	17.2	na	na	na	13.6
Three year average										
1998-99 to 2000-2001	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
2000-2001 to 2002-03	per 100 000 people	13.9	10.3	17.1	18.3	16.8	na	na	na	14.5
Population (c)										
Jun 1999	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2	18.9
Jun 2000	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Jun 2001	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Jun 2002	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Jun 2003	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9

(a) Fire injuries are defined as the number of persons admitted to public and private hospitals. Fire injuries are reported by the State or Territory where the injury is treated. 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 ALHW revised the fire injuries data for 1998-99 subsequent to publication of *Australian Hospital Statistics 1998-99*.

(c) Population estimates at 30 June. For example, population data at 30 June 2003 have been used as the population estimate for 2002-03.

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.8

Table 8A.8 Real median dollar loss from structure fire (2003-04 dollars) (a), (b)

	NSW (c)	Vic	Qld	WA	SA (d)	Tas	ACT (e)	NT
Median dollar loss per structure fire								
1999-2000	1 716	915	1 144	2 288	2 288	5 147	1 144	6 863
2000-01	2 173	543	2 173	3 260	2 173	4 347	1 087	2 173
2001-02	2 125	531	1 062	3 187	5 312	3 453	1 062	5 312
2002-03	2 068	620	1 034	2 585	4 136	5 170	2 068	5 170
2003-04	2 000	600	2 000	3 000	3 000	3 500	2 000	2 750

(a) Real expenditure is based on the ABS GDP price deflator 2003-04 = 100 (table A.26). Estimates have not been validated by the insurance industry, or adjusted for interstate valuation differences.

(b) Includes data for both urban and rural fire service organisations in all jurisdictions except NSW, Queensland, the ACT and the NT, which report data for either urban or rural fire service organisations (but not both).

(c) NSW data are for the NSW Fire Brigades only, but include responses to calls outside NSW Fire Brigades designated fire districts. Due to data collection issues, data for 1999-2000 are derived from a sample representing 80 per cent of the incidents, and data for 2000-01 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.

(d) 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.

(e) Due to industrial bans, data for 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.

Source : State and Territory governments (unpublished).

Table 8A.9

Table 8A.9 Real total property loss from structure fire (2003-04 dollars per person) (a), (b), (c)

	Unit	NSW (d)	Vic	Qld (e)	WA	SA	Tas (f)	ACT (g)	NT	Aust (h)
Total property loss from structure fire										
1999-2000	\$	na	22	21	29	11	32	16	30	24
2000-01	\$	na	25	25	23	14	74	17	8	26
2001-02	\$	39	23	34	32	20	21	11	21	37
2002-03	\$	26	14	29	25	27	23	26	18	24
2003-04	\$	28	22	24	22	20	43	26	11	24
Three year average										
1999-00 to 2001-02	\$	na	23	27	28	15	42	15	20	29
2000-01 to 2002-03	\$	na	21	29	27	20	39	18	15	29
2001-02 to 2003-04	\$	31	20	29	26	22	29	21	17	28
Population										
Jun 1999	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2	18.9
Jun 2000	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Jun 2001	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Jun 2002	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Jun 2003	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9

- (a) Real expenditure is based on ABS GDP price deflator 2003-04 = 100 (table A.26). Estimates have not been validated by the insurance industry or adjusted for interstate valuation differences.
- (b) Includes data for both urban and rural fire service organisations in all jurisdictions except NSW, Queensland, the ACT and the NT, which report data for either urban or rural fire service organisations (but not both).
- (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 2003 (labelled 2003-04) have been used as the denominator in calculating the 2003-04 data. Data for 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 service organisations. Data prior to 2001-02 are calculated using AFAC derived population numbers which differs from the ABS 30 June Australian Demographic Statistics.
- (d) NSW data 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.
- (e) For Queensland, data for all years except 2003-04 exclude incidents solely attended by the Rural Fire Services. Incidents with missing or nil dollar losses have been excluded.
- (f) For Tasmania, data refers to all fire brigades, both full time and volunteer. Due to small population size, figures are affected by single large-loss events. Increases have been influenced by rising property prices.
- (g) In the ACT, due to industrial bans, data for 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) Average for Australia excludes rural fire service data for some years as per the jurisdictions' caveats.

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

Table 8A.10

Table 8A.10 Total fire incidents attended by fire service organisations per 100 000 people (a), (b)

	Unit	NSW (c)	Vic	Qld	WA	SA	Tas	ACT (d)	NT (e)	Aust (f)
Incidents per 100 000 people										
1999-2000	no.	610	431	405	813	361	1 001	590	1 392	548
2000-01	no.	690	522	656	912	549	976	612	1 553	667
2001-02	no.	746	468	558	886	616	882	557	1 964	658
2002-03	no.	706	500	563	762	585	1 000	479	1 288	633
2003-04	no.	621	435	454	710	574	849	311	1 055	553
Population (g)										
1999-2000	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2	18.9
2000-01	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
2001-02	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
2002-03	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
2003-04	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9

- (a) Total fire incidents data include landscape fire incidents attended by fire service organisations.
- (b) Includes data for both urban and rural fire service organisations in all jurisdictions except the ACT and the NT, which report data for either urban or rural fire service organisations (but not both).
- (c) Due to data collection issues 1999-2000 data for the NSW Fire Brigades are derived from a sample representing 80 per cent of incidents, and 2000-01 data for the NSW Fire Brigades 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 NSW Rural Fire Districts.
- (d) In the ACT, due to industrial bans, data for 1999-2000 data are based on extrapolated results from three months of data. The January 2003 bushfires included in the 2002-03 data have been counted as one event.
- (e) 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.
- (f) The average for Australia excludes rural fire service data for some years as per the jurisdictions' caveats.
- (g) 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 2003 (labelled 2003-04) have been used as the denominator in calculating the 2003-04 data. Data for 1999-2000 have been dusted 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.11

Table 8A.11 Households with an operational smoke alarm or smoke detector installed (a)

	Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA	Tas	ACT	NT	Aust
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
Estimated households with a smoke alarm/detector										
2001-02	%	79.0	95.1	71.9	60.0	na	na	na	na	na
2002-03	%	72.9	95.1	71.4	75.2	na	na	na	na	na
2003-04	%	72.7	95.5	72.0	75.0	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).

Table 8A.11 **Households with an operational smoke alarm or smoke detector installed (a)**

	Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA	Tas	ACT	NT	Aust
(b)	Data for 2001-02 are sourced from the 2002 NSW Department of Health's Continuous Health Survey Program. Data for 2002-03 is sourced from the NSW Health Survey 2002 (HOIST), Centre for Epidemiology & Research, NSW Department of Health. Data for 2001-02 represent 6 months of 2002. Ninety-five percent of this data fell within the following confidence interval: 77.8 per cent to 80.2 per cent of households that had at least one smoke alarm. Data for 2002-03 represent the full 12 month period of 2002. Ninety-five percent of this data fell within the following confidence interval: 71.8 per cent to 74 per cent of households that had at least one smoke alarm. Data for 2003-04 represent the full 12 month period of 2003. Ninety-five percent of this data fell within the following confidence interval: 71.6 per cent to 73.9 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. MFESB Commissioned Crime Prevention Victoria to develop a survey around fire safety issues through their Local Safety Survey. 2003-04 data is based on the results of the most recent survey conducted in April 2004.									
(d)	Data collected by the Office of Economic and Statistical Research as part of the November quarter Queensland Household Survey each year.									
(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). 2003-04 data are sourced from a random telephone survey by a market research organisation, covering both metropolitan Perth and regional residents.									
(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.									
	<i>Source :</i> ABS 2001b, <i>Population Survey Monitor</i> , Cat. no. 4103.0, Canberra; State and Territory governments (unpublished).									

Table 8A.12 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)			
Operational smoke alarm installed			
Fire extinguisher	na	na	95.1
Fire blanket	na	na	32.8
Home escape plan	na	na	20.6
Total households	na	na	11.0
2001-02 Queensland (d) (e)			
Operational smoke alarm installed			
Fire extinguisher	na	na	71.9
Fire blanket	na	na	33.4
Home escape plan	na	na	15.8
Total households	na	na	45.8

(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.12

Table 8A.12 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>
(d) Data disaggregated to several fire safety measures were collected for Victoria and Queensland only.			
(e) 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.			
<i>Source :</i> ABS 2001b, <i>Population Survey Monitor</i> , Cat. no. 4103.0, Canberra; State and Territory governments (unpublished).			

Table 8A.13 Response times to structure fires (minutes) (a), (b)

	NSW (c)	Vic (d)	Qld (e)	WA (f)	SA (g)	Tas (h)	ACT (i)	NT
50th percentile								
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	8.6	7.0	8.1	5.0	5.4
2003-04	7.0	6.0	6.7	8.6	7.0	8.2	5.4	5.1
90th percentile								
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	17.4	11.0	15.4	9.0	14.0
2003-04	12.6	9.1	12.9	15.5	12.0	16.6	8.8	14.5

- (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) Includes data for both urban and rural fire service organisations in all jurisdictions except Queensland and the ACT, which report data for either urban or rural fire service organisations (but not both).
- (c) NSW data for 1999-2000 to 2001-02 are for NSW Fire Brigades only, but include responses to calls outside NSW Fire Brigades' designated fire district. Due to data collection issues, 1999-2000 data 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 and 2003-04 include responses from the NSW Fire Brigades and the NSW Rural Fire Service.
- (d) 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. Data for 2003-04 are consistent with nationally agreed definition and include call handling time across the State.
- (e) Queensland data for 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. Data collection procedures do not differentiate between responses made under normal road conditions and emergency responses.
- (f) WA data exclude reports with incorrect time details. Data for 1999-00 are for urban services only. From 2000-2001 data include both urban and rural fire service organisations.
- (g) SA data for 1999-2000 exclude the Country Fire Service. Country Fire Service data for 2001-02 are for all structure fires.
- (h) Tasmanian data for 2000-01 exclude the Rural Fire Brigades. For all other years, data are for all fire brigades, both full time and volunteer.
- (i) In the ACT, due to industrial bans, data for 1999-2000 data are based on extrapolated results from three months of data. Data for 2001-02 are adjusted to combine manual and automatic timing data.

Source : State and Territory governments (unpublished).

Table 8A.14

Table 8A.14 Structure fires and response times to structure fires across geographic areas, 2003-04 (a), (b)

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld (e)</i>	<i>WA (f)</i>	<i>SA (g)</i>	<i>Tas (h)</i>	<i>ACT (i)</i>	<i>NT (j)</i>
2002-03									
Structure fires									
Major cities	no.	4 371	4 190	1 292	920	1 256	na	280	na
Inner regional	no.	1 465	888	528	153	199	499	na	na
Outer regional	no.	891	282	365	131	268	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	1 781	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
2003-04									
Structure fires									
Major cities	no.	4 339	4 326	1 259	895	1 236	na	245	na
Inner regional	no.	1 424	1 051	695	115	195	479	na	na
Outer regional	no.	945	248	425	68	212	245	na	73
Remote	no.	147	7	45	31	44	16	na	37
Very remote	no.	28	..	52	14	7	4	na	9
All areas	no.	6 890	5 643	2 476	1 123	1 694	744	245	119
50th percentile									
Major cities	minutes	6.7	5.8	6.2	8.0	7.0	na	5.4	na
Inner regional	minutes	9.0	7.0	7.4	12.0	9.0	7.5	na	na
Outer regional	minutes	9.0	7.0	7.4	7.0	9.0	10.3	na	5.2
Remote	minutes	8.0	8.0	9.1	15.0	10.0	12.7	na	5.0
Very remote	minutes	8.0	na	5.8	13.0	10.0	8.0	na	5.0
All areas	minutes	7.0	6.0	6.7	8.6	7.0	8.2	5.4	5.1

Table 8A.14 Structure fires and response times to structure fires across geographic areas, 2003-04 (a), (b)

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld (e)</i>	<i>WA (f)</i>	<i>SA (g)</i>	<i>Tas (h)</i>	<i>ACT (i)</i>	<i>NT (j)</i>
90th percentile									
Major cities	minutes	10.4	8.2	10.5	12.0	10.0	na	8.8	na
Inner regional	minutes	15.5	13.0	16.4	29.0	17.0	11.4	na	na
Outer regional	minutes	19.4	14.0	16.6	23.0	19.0	22.5	na	17.0
Remote	minutes	20.5	27.0	35.9	30.0	35.0	23.9	na	8.9
Very remote	minutes	34.4	na	21.1	60.0	20.0	17.2	na	18.7
All areas	minutes	12.6	9.1	12.9	15.5	12.0	16.6	8.7	14.5

- (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) Data may vary with data in Table 8A.2 as some jurisdictions have excluded reports with incomplete time details.
- (c) NSW data for some parts of the State are not uniformly consistent with the nationally agreed definition. NSW data for 1999-2000 to 2001-02 are for NSW Fire Brigades only, but include responses to calls outside NSW Fire Brigades' designated fire district. Due to data collection issues 1999-2000 data 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 and 2003-04 include responses from the NSW Fire Brigades and the NSW Rural Fire Service.
- (d) For Victoria, data for 2002-03 are not uniformly consistent with the nationally agreed definition as some inner metropolitan calls did not include all of the call processing time (approximately 36–40 seconds per response time). The 2002-03 total of 5367 structure fire does not add to the sum of the parts because 2 remoteness area codes were missing from the disaggregated incident data. 2003-04 data are consistent with the nationally agreed definition. Due to the small numbers of incidents (7) occurring in the remote areas of Victoria these figures are excluded from the calculation for remote geographic analysis, but are included in the total State response times. The total of 5643 structure fires does not add to the sum of the parts because 11 remoteness area codes were missing from the disaggregated incident data
- (e) For Queensland, data for 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 arriving appliance was from the Rural Fire Service. Response times for QFRS Rural Brigade crews are not recorded. Data collection procedures do not differentiate between responses made under normal road conditions and emergency responses.
- (f) WA data include both career (full-time) and volunteer brigades. Response times in inner and outer regional, remote and very remote areas may be impacted by availability of volunteers, who have to travel from remote home or work locations to stations before they respond to an incident, which may also be at a distant location.
- (g) 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. Excludes response times of 12 hours or more.
- (h) For Tasmania, data for 2000-01 excluded volunteer brigades. For all other years, figures include data provided by all fire brigades, both full-time and volunteer.
- (i) For the ACT, industrial bans mean data for 1999-2000 were extrapolated from three months of data. Data for 2001-02 are adjusted to combine manual and automatic timing data.
- (j) For the NT, data include auxiliary stations where, generally 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.

na Not available. ... Not applicable.

Source : State and Territory governments (unpublished).

Table 8A.15 Structure fires contained to the object or room of origin (per cent)
(a)

	NSW (b)	Vic (c)	Qld	WA	SA	Tas	ACT (d)	NT	Aust (e)
1999-2000	73.9	90.1	76.1	69.3	66.7	65.4	77.4	60.0	72.4
2000-01	71.7	90.0	70.5	70.6	64.1	73.8	74.0	65.0	72.5
2001-02	69.6	90.0	68.3	67.6	65.2	54.2	71.0	46.0	66.5
2002-03	69.1	76.5	69.5	69.7	64.4	63.8	70.1	63.5	68.3
2003-04	74.4	77.3	69.5	71.4	68.7	63.5	81.0	77.1	72.8

(a) Includes data for both urban and rural fire service organisations in all jurisdictions except NSW, Queensland, SA, and the ACT, which report data for either urban or rural fire service organisations (but not both).

(b) NSW data exclude the NSW Rural Fire Service, but include responses to calls outside the NSW Fire Brigades designated fire districts. Due to data collection issues, 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.

(c) Victorian data for 1999-2000 to 2001-02 exclude the Country Fire Authority. Data from 2002-03 onwards include the Country Fire Authority.

(d) Industrial bans in the ACT mean data for 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.

(e) Average for Australia excludes rural fire service data for some years as per the jurisdictions' caveats.

Source : State and Territory governments (unpublished).

Table 8A.16

Table 8A.16 Real fire service organisations' costs (\$'000) (2003-04 dollars)

	NSW	Vic (a)	Qld (b)	WA	SA (c)	Tas	ACT (d)	NT (e)	Total
2000-01									
Labour costs	295 199	187 391	163 007	67 802	62 350	23 379	20 575	14 587	834 289
Salaries and payments in the nature of salaries	278 744	178 126	155 844	67 802	59 712	21 967	20 575	13 772	796 542
Payroll tax	16 455	9 265	7 162	..	2 637	1 413	..	815	37 748
Capital costs (f)	48 812	65 607	37 506	14 348	15 654	4 575	3 706	1 985	192 193
Depreciation	23 186	25 431	20 321	6 299	6 462	–	1 124	na	82 822
User cost of capital	25 626	40 176	17 185	8 049	9 193	4 575	2 582	1 985	109 371
Land	5 806	7 477	2 846	1 967	904	445	290	1 094	20 829
Other assets	19 820	32 699	14 339	6 082	8 289	4 130	2 292	890	88 542
Other costs (g)	150 711	75 336	51 409	36 028	45 325	10 714	5 549	4 549	379 620
Interest on borrowings	na	1 040	2 247	3 411	–	515	362	–	7 575
Total costs (h)	488 913	319 818	246 828	112 799	122 426	37 708	29 177	20 026	1 377 695
2001-02									
Labour costs	326 546	193 838	167 329	66 818	61 463	24 216	23 593	13 777	877 581
Salaries and payments in the nature of salaries	309 001	184 851	160 055	66 818	58 448	22 820	na	13 006	814 999
Payroll tax	17 545	8 987	7 274	–	3 015	1 396	na	771	38 989
Capital costs (f)	75 350	80 428	44 390	14 765	20 316	7 810	3 746	3 174	249 980
Depreciation	23 434	32 622	23 945	6 712	9 636	3 192	1 381	na	100 921
User cost of capital	51 917	47 807	20 445	8 053	10 680	4 619	2 365	2 246	148 131
Land	5 535	9 601	3 252	1 990	1 246	437	322	1 604	23 987
Other assets	46 382	38 206	17 193	6 063	9 433	4 182	2 043	642	124 143
Other costs (g)	210 904	96 417	65 175	33 582	44 394	13 730	8 380	3 173	475 756
Interest on borrowings	33	770	1 649	3 063	1	351	294	–	6 161
Total costs (h)	607 233	360 313	271 993	110 112	124 926	44 968	35 103	18 520	1 573 168

Table 8A.16

Table 8A.16 Real fire service organisations' costs (\$'000) (2003-04 dollars)

	NSW	Vic (a)	Qld (b)	WA	SA (c)	Tas	ACT (d)	NT (e)	Total
2002-03									
Labour costs (i)	329 406	198 761	162 076	68 139	56 564	25 294	26 103	13 361	879 703
Capital costs (f)	51 184	83 485	44 284	13 477	28 226	8 393	4 785	2 706	236 540
Depreciation	24 594	32 839	22 288	7 044	10 953	3 481	1 437	1 300	103 936
User cost of capital	26 591	50 646	21 996	6 434	17 272	4 912	3 348	1 406	132 605
Land	5 374	11 198	3 719	1 526	1 562	432	861	20	24 693
Other assets	21 217	39 448	18 277	4 908	15 710	4 480	2 487	1 386	107 912
Other costs (g)	268 931	112 293	83 447	34 389	39 516	15 098	9 311	6 053	569 039
Interest on borrowings	53	561	1 078	3 202	695	341	–	–	5 931
Total costs (h)	644 094	382 779	285 010	111 276	122 048	48 012	39 339	22 100	1 654 659
2003-04									
Labour costs (i)	363 189	217 293	165 578	67 932	60 755	24 594	26 322	13 929	939 592
Capital costs (f)	59 974	82 586	44 766	14 443	31 674	8 510	4 692	2 650	249 295
Depreciation	27 551	35 612	20 940	7 152	15 311	3 696	1 431	1 186	112 879
User cost of capital	32 423	46 974	23 826	7 291	16 363	4 814	3 261	1 464	136 416
Land	9 386	10 550	3 808	1 936	1 649	431	751	243	28 754
Other assets	23 037	36 424	20 018	5 355	14 714	4 383	2 510	1 221	107 662
Other costs (g)	156 580	116 410	87 565	35 436	38 662	13 288	8 199	6 375	462 515
Interest on borrowings	93	57	671	4 145	67	291	–	–	5 324
Total costs (h)	570 264	405 682	293 430	111 730	129 375	45 670	38 462	22 711	1 617 324

Table 8A.16

Table 8A.16 **Real fire service organisations' costs (\$'000) (2003-04 dollars)**

	NSW	Vic (a)	Qld (b)	WA	SA (c)	Tas	ACT (d)	NT (e)	Total
(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 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. Value of assets decreased due to MFB devaluing buildings and assets. Fire depreciation costs for MFB increased due to revalued build values and building lives reduced from 50 to 40 max life. 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. Increase in false alarms and charges for services saw an increase in fire user charges Communications expenditure for the MFB excludes initial MMR costings. Provisions for losses expenditure increased due to loss on demolition of Footscray building book value \$672 thousand. Fire value of land revalued & Burnley training site. Fire net capital expenditure increased due to Burnley site & Croydon.								
(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 in 2002-03 include a 6 per cent equity return funded by the State Government, equal to \$15 032.								
(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 (NTFRS) only. Revenue from user charges includes the NTFRS only and other revenue includes the Bush Fire Council only. The first year where accrual accounting has been applied (NTFRS only), and previous years assets required adjusting is 2002-03. Most land and buildings were revalued at 30 June 2003 using fair value (NTFRS 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.17 Real fire service organisations' expenditure per 1000 people (2003-04 dollars) (a), (b)

	<i>Unit NSW (c)</i>	<i>Vic (d)</i>	<i>Qld</i>	<i>WA (e)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (f)</i>	<i>NT (g)</i>	<i>Aust</i>	
2000-01										
Total	\$m	488.9	319.8	246.8	112.8	122.4	37.7	29.2	20.0	1 377.7
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$	75 377	67 453	69 304	60 177	81 344	79 991	92 564	102 403	71 930
2001-02										
Total	\$m	607.2	360.3	272.0	110.1	124.9	45.0	35.1	18.5	1 573.2
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$	92 352	74 991	74 951	57 918	82 638	95 313	109 933	93 646	81 036
2002-03										
Total	\$m	644.1	382.8	285.0	111.3	122.0	48.0	39.3	22.1	1 654.7
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 1000 people	\$	97 088	78 806	76 802	57 819	80 364	101 589	122 355	111 241	84 245
2003-04										
Total	\$m	570.3	405.7	293.4	111.7	129.4	45.7	38.5	22.7	1 617.3
Population	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	85 283	82 501	77 295	57 232	84 717	95 729	119 140	114 507	81 352

(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 was reported in the 2004 Report for the first time, 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) Data for NSW provide a distorted representation of trends in fire service organisation expenditure. NSW fire service organisation data for 2001-02 and 2002-03 are artificially inflated by significant abnormal grants associated with natural disasters.

(d) 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. Value of assets decreased due to MFB devaluing buildings and assets. Fire depreciation costs for MFB increased due to revalued build values and building lites reduced from 50 to 40 max life. 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. Increase in false alarms and charges for services saw an increase in fire user charges Communications expenditure for the MFB excludes initial MMR costings. Provisions for losses expenditure increased due to loss on demolition of Footscray building book value \$672 thousand. Fire value of land revalued & Burnley training site. Fire net capital expenditure increased due to Burnley site & Croydon.

(e) Property-based Emergency Services Levy (ESL) began in WA on 1 July 2003; insurance fire levies ended 31 December 2003. For this transitional year 2003-04 funding includes part insurance fire levy and part ESL.

(f) 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.

Table 8A.17 **Real fire service organisations' expenditure per 1000 people (2003-04 dollars) (a), (b)**

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

Table 8A.18

Table 8A.18 **Real fire service organisations' funding per 1000 people (2003-04 dollars) (a), (b)**

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld</i>	<i>WA (e)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (f)</i>	<i>NT (g)</i>	<i>Aust</i>
Total fire direct and indirect government funding per person										
1999-2000										
Total	\$m	80.9	70.2	46.3	47.1	-	3.3	16.5	21.1	285.5
Population	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2	18.9
Per 1000 people	\$	12 618	14 988	13 212	25 485	-	7 058	52 967	109 381	15 085
2000-01										
Total	\$m	113.9	98.2	44.6	38.8	0.5	4.6	19.8	20.8	341.1
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$	17 553	20 721	12 530	20 704	316	9 705	62 665	106 414	17 811
2001-02										
Total	\$m	120.4	79.3	51.1	36.4	0.7	3.8	22.9	13.9	328.5
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$	18 310	16 505	14 078	19 162	445	8 041	71 730	70 347	16 921
2002-03										
Total	\$m	123.5	97.8	61.6	37.7	0.1	6.1	26.2	14.3	367.4
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 1000 people	\$	18 611	20 145	16 592	19 597	61	12 932	81 527	72 226	18 704
2003-04										
Total	\$m	104.9	92.3	61.1	1.1	0.3	5.0	28.2	14.3	307.2
Population	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	15 686	18 768	16 106	570	221	10 520	87 213	72 013	15 454
Total fire direct government funding per person										
1999-2000										
Total	\$m	80.9	70.2	46.3	47.1	-	3.3	16.5	21.1	285.5
Population	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2	18.9
Per 1000 people	\$	12 618	14 988	13 212	25 485	-	7 058	52 967	109 381	15 085
2000-01										
Total	\$m	113.9	98.2	44.6	38.8	0.5	4.6	19.8	20.8	341.1
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$	17 553	20 721	12 530	20 704	316	9 705	62 665	106 414	17 811
2001-02										
Total	\$m	120.4	79.3	51.1	36.4	0.7	3.8	22.9	13.9	328.5
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$	18 310	16 505	14 078	19 162	445	8 041	71 730	70 347	16 921

Table 8A.18

	Unit	NSW (c)	Vic (d)	Qld	WA (e)	SA	Tas	ACT (f)	NT (g)	Aust
2002-03										
Total	\$m	122.6	97.8	61.6	37.7	0.1	6.1	23.4	14.3	363.6
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 1000 people	\$	18 475	20 145	16 592	19 597	61	12 932	72 651	72 226	18 513
2003-04										
Total	\$m	104.9	92.3	61.1	1.1	0.3	5.0	25.1	14.3	304.1
Population	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	15 686	18 768	16 106	570	221	10 520	77 663	72 013	15 299
Total fire other funding per person										
1999-2000										
Total	\$m	401.1	242.1	204.9	63.4	119.6	35.8	7.0	1.0	1 074.8
Population	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2	18.9
Per 1000 people	\$	62 557	51 653	58 514	34 288	79 816	75 837	22 372	5 347	56 789
2000-01										
Total	\$m	352.8	238.5	214.8	66.5	119.4	36.1	7.1	1.9	1 037.1
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$	54 400	50 292	60 319	35 466	79 327	76 626	22 567	9 647	54 148
2001-02										
Total	\$m	466.2	277.6	221.3	62.5	111.5	39.1	0.5	0.5	1 179.2
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$	70 904	57 771	60 977	32 894	73 744	82 972	1 557	2 648	60 744
2002-03										
Total	\$m	539.3	292.8	232.6	65.4	123.7	43.4	0.3	1.6	1 299.3
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 1000 people	\$	81 295	60 280	62 692	33 956	81 482	91 918	974	8 270	66 150
2003-04										
Total	\$m	463.5	341.4	235.3	115.2	128.9	43.1	6.3	1.5	1 335.1
Population	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	69 311	69 424	61 971	59 032	84 401	90 281	19 496	7 381	67 154

- (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 was reported in the 2004 Report for the first time, replacing total fire expenditure less indirect government and non-government revenue per person. Non-government revenue is defined as other revenue (or other funding) because some items in this category (for example, levies) are not strictly non-government.
- (c) Data for NSW provide a distorted representation of trends in fire service funding. NSW fire service organisation data for 2001-02 and 2002-03 are artificially inflated by significant abnormal grants associated with natural disasters.

Table 8A.18

	Unit NSW (c)	Vic (d)	Qld	WA (e)	SA	Tas	ACT (f)	NT (g)	Aust
(d)	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.								
(e)	Property-based Emergency Services Levy (ESL) began in WA on 1 July 2003; insurance fire levies ended 31 December 2003. For this transitional year 2003-04 funding includes part insurance fire levy and part ESL.								
(f)	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.								
(g)	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.								
	<i>Source:</i> ABS <i>Australian Demographic Statistics</i> , Cat. no. 3101.0 (unpublished); State and Territory governments (unpublished).								

All jurisdictions

— ambulance events

Table 8A.19

Table 8A.19 Major sources of ambulance service organisations funding (2003-04 dollars) (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 (f)</i>	<i>NT (g)</i>	<i>Aust</i>
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
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	0.3
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	41.0
Government revenue	\$m	223.7	124.8	120.2	14.3	35.4	13.0	8.4	6.5	546.3
Other revenue	\$m	70.8	99.8	103.5	49.7	42.8	3.8	1.4	3.3	375.2
Total	\$m	294.5	224.6	223.8	64.0	78.2	16.8	9.8	9.8	921.5

Table 8A.19

Table 8A.19 Major sources of ambulance service organisations funding (2003-04 dollars) (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 (f)</i>	<i>NT (g)</i>	<i>Aust</i>
2000-01										
Government grants (h)	%	76.8	57.2	56.3	21.9	46.2	93.7	87.5	61.1	60.9
Australian	%	–	–	–	–	–	–	–	–	–
State/Territory	%	76.8	57.2	56.3	21.9	46.2	93.7	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	4.9	8.5	12.0	23.1
Interhospital	%	12.9	3.8	6.1	11.4	7.4	1.5	–	–	7.9
Uninsured citizens	%	4.5	8.2	7.4	16.3	15.9	–	–	6.4	7.8
Motor accident insurance	%	–	1.2	0.7	–	–	0.5	–	2.2	0.5
Workers compensation	%	3.6	4.8	1.8	na	7.0	2.7	–	2.2	3.6
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)	%	–	–	–	–	–	–	–	–	–
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Direct government revenue	%	76.8	57.2	56.3	21.9	46.2	93.7	87.5	61.1	60.9
Indirect government revenue and other revenue	%	23.2	44.5	43.7	78.1	53.8	7.1	72.2	38.9	40.2
Total	%	100.0	101.6	100.0	100.0	100.0	100.8	159.7	100.0	101.0
Direct government revenue	\$m	233.6	141.2	138.3	13.9	35.2	15.1	8.5	6.0	591.8
Indirect government revenue and other revenue	\$m	81.7	121.5	108.3	53.9	49.4	2.4	7.9	3.8	429.0
Total	\$m	315.3	262.7	246.5	67.9	84.6	17.6	16.4	9.8	1 020.7

Table 8A.19

Table 8A.19 Major sources of ambulance service organisations funding (2003-04 dollars) (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 (f)</i>	<i>NT (g)</i>	<i>Aust</i>
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
Uninsured citizens	%	4.3	10.4	8.5	50.6	7.2	0.9	7.8	9.7	10.4
Motor accident insurance	%	3.5	5.1	2.2	3.3	5.7	5.6	–	3.6	3.8
Workers' compensation	%	–	1.2	0.8	–	–	0.9	–	0.9	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	1.5	1.8	17.3	4.9
Indirect revenue (h)	%	–	2.0	–	–	–	–	63.3	–	1.2
Total	%	100.0	100.0	100.0	100.0	100.0	99.0	100.0	100.0	100.0
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	12.1	75.7	37.7	41.6
Total	%	100.0	100.0	100.0	100.0	100.0	99.0	100.0	100.0	100.0
Direct government revenue	\$m	216.6	162.1	139.6	15.0	42.7	16.2	2.5	6.3	601.1
Indirect government revenue and other revenue	\$m	81.7	121.5	108.3	53.9	49.4	2.4	7.9	3.8	429.0
Total	\$m	298.4	283.5	247.9	68.9	92.1	18.7	10.4	10.2	1 030.0

Table 8A.19

Table 8A.19 Major sources of ambulance service organisations funding (2003-04 dollars) (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 (f)</i>	<i>NT (g)</i>	<i>Aust</i>
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	%	na	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	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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	250.3	181.1	153.8	14.3	38.2	15.7	7.4	6.6	667.3
Indirect government revenue and other revenue	\$m	77.3	127.5	112.7	57.7	45.3	3.4	8.0	4.7	436.7
Total	\$m	327.6	308.6	266.5	72.0	83.5	19.1	15.4	11.3	1 104.0

Table 8A.19

Table 8A.19 Major sources of ambulance service organisations funding (2003-04 dollars) (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 (f)</i>	<i>NT (g)</i>	<i>Aust</i>
2003-04										
Government grants (h)	%	76.1	57.4	79.3	17.7	46.8	82.1	83.1	61.2	65.4
Australian	%	–	–	–	–	–	–	–	–	–
State/Territory	%	76.1	57.4	79.3	17.7	46.8	82.1	83.1	61.2	65.4
Local	%	–	–	–	–	–	–	–	–	–
Subscription fees	%	–	18.7	–	2.4	16.2	–	0.1	3.2	6.7
Transport fees	%	21.4	19.5	16.9	59.3	35.0	16.1	10.0	9.7	23.1
Interhospital	%	12.7	4.1	7.3	4.3	6.7	–	8.5	–	7.5
Other fees from citizens	%	4.1	8.5	1.5	48.6	19.7	0.1	–	5.2	8.8
Workers' compensation	%	–	1.3	0.8	–	–	1.3	–	0.4	0.6
Motor accident insurance	%	4.0	5.1	2.6	3.4	5.7	7.1	–	3.0	4.0
Veterans' Affairs	%	0.6	–	4.2	3.0	3.0	7.0	0.9	0.5	1.8
Other	%	–	0.6	0.4	–	–	0.6	0.6	0.6	0.3
Donations	%	0.1	–	0.4	1.0	0.1	–	–	0.2	0.2
Miscellaneous	%	2.4	4.3	3.4	19.6	1.9	1.8	6.8	25.7	4.6
Indirect revenue (h)	%	–	1.5	–	–	–	–	58.2	–	1.1
Total share	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Direct government revenue	%	76.1	56.0	79.3	17.7	46.8	82.1	24.9	61.2	64.4
Indirect government revenue and other revenue	%	23.9	44.0	20.7	82.3	53.2	17.9	75.1	38.8	35.6
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Direct government revenue	\$m	252.1	178.9	226.9	13.7	43.9	16.1	3.3	7.1	741.9
Indirect government revenue and other revenue	\$m	79.1	140.7	59.2	64.0	49.8	3.5	9.8	4.5	410.6
Total	\$m	331.2	319.6	286.1	77.7	93.7	19.6	13.1	11.6	1 152.5

Table 8A.19

Table 8A.19 Major sources of ambulance service organisations funding (2003-04 dollars) (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 (f)</i>	<i>NT (g)</i>	<i>Aust</i>
(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 2003-04 = 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 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 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.20

Table 8A.20 **Reported ambulance incidents, responses, patients and transport (a)**

	<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 (g)</i>	<i>ACT</i>	<i>NT (h)</i>	<i>Aust</i>
2001-02										
Incidents										
Emergency incidents	%	66.4	37.9	27.2	26.7	36.3	51.8	43.6	34.0	44.5
Urgent incidents	%	..	19.1	32.3	27.5	35.4	28.4	34.6	23.0	18.0
Nonemergency incidents	%	33.6	43.0	38.8	45.7	28.4	19.8	21.8	43.0	37.2
Casualty room attendance (i)	%	1.6
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.	11 252	10 665	14 181	7 643	11 451	9 189	7 274	13 621	11 223
Responses										
Emergency responses	%	68.6	45.2	29.1	26.7	37.1	52.9	44.8	34.0	48.1
Urgent responses	%	..	17.9	35.7	29.2	35.5	28.0	37.2	26.5	18.7
Nonemergency responses	%	31.4	36.9	39.9	45.7	27.2	19.5	20.8	43.0	35.0
Total 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										
Transported	%	88.4	91.2	94.5	99.8	79.5	86.6	67.8	85.4	90.2
Treated not transported	%	11.6	8.8	5.5	0.2	20.5	13.4	32.2	14.6	9.8
Total patients	%	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.20

Table 8A.20 **Reported ambulance incidents, responses, patients and transport (a)**

	<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 (g)</i>	<i>ACT</i>	<i>NT (h)</i>	<i>Aust</i>
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	na	na	na	na	na
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	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 100 000 people	no.	11 579	11 494	13 748	6 132	11 600	9 400	7 679	13 274	11 335
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	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 100 000 people	no.	13 502	13 792	15 421	7 052	12 195	10 853	8 273	13 274	13 035
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	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6

Table 8A.20

Table 8A.20 **Reported ambulance incidents, responses, patients and transport (a)**

	<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 (g)</i>	<i>ACT</i>	<i>NT (h)</i>	<i>Aust</i>
Per 100 000 people	no.	11 107	10 489	13 227	7 162	12 195	8 898	7 633	11 549	10 946
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
2003-04										
Incidents										
Emergency incidents	%	65.5	35.5	25.6	29.5	39.1	51.3	41.2	na	43.6
Urgent incidents	%	..	22.6	39.3	27.5	34.8	28.2	36.8	na	20.6
Nonemergency incidents	%	0.1	41.9	33.9	42.6	26.0	20.5	22.0	na	23.9
Total incidents	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	na	100.0
Total incidents	'000	787	563	566	144	184	53	25	–	2 322
Population	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 100 000 people	no.	11 765	11 452	14 921	7 387	12 080	11 025	7 724	–	11 682
Responses										
Emergency responses	%	68.3	42.8	31.0	29.6	40.5	53.2	41.0	34.7	48.0
Urgent responses	%	..	21.6	38.1	27.8	34.7	29.1	38.5	26.7	19.8
Nonemergency responses	%	31.7	35.6	30.8	42.6	24.8	17.7	20.4	38.6	32.2
Total responses	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total responses	'000	928	675	648	144	195	51	27	26	2 693
Population	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 100 000 people	no.	13 879	13 718	17 057	7 398	12 747	10 638	8 415	13 168	13 547
Patients										
Transported	%	83.9	90.7	94.3	91.4	84.3	100.0	63.7	88.9	88.6
Treated not transported	%	16.1	9.3	5.7	8.6	15.7	0.0	36.3	11.1	11.4
Total patients	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Total patients	'000	734	515	520	147	177	32	27	23	2 175

Table 8A.20

Table 8A.20 **Reported ambulance incidents, responses, patients and transport (a)**

	<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 (g)</i>	<i>ACT</i>	<i>NT (h)</i>	<i>Aust</i>
Population	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 100 000 people	no.	10 976	10 477	13 710	7 520	11 567	6 629	8 516	11 468	10 940
Total fleet road	'000 km	–	15 812	–	5 011	1 998	–	635	605	24 061
Flying hours fixed wing	hrs	6 890	4 858	–	–	–	1 357	–	–	11 748
Flying hours rotary wing	hrs	4 745	2 087	–	180	–	–	584	–	7 596

- (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. In 2003-04, there were 6570 air ambulance incidents (fixed and rotary wing), involving 5972 ambulance patients.
- (d) For Queensland, 2002-03 incidents, response and patient data are extracted from Ambulance Integrated Information Management System (AIMS database), based on patient care records. Incident and response data for 2003-04 are extracted from Queensland Ambulance Case Information Reporting (QACIR) system using Computer Aided Dispatch data, consequently data is not directly comparable. 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 Tasmania, the number of patients transported in 2003-04 is under counted due to an extended period of industrial action resulting in loss of data.
- (h) For the NT, a response is counted as an incident. Incident data for the NT was not collected in 2003-04.
- (i) 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.21

Table 8A.21 **Ambulance service organisations' human resources (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</i>	<i>NT</i>	<i>Aust</i>
2001-02										
Salaried personnel										
Ambulance operatives	%	87.4	83.6	68.3	68.6	77.3	87.3	78.9	61.7	79.1
Ambulance operatives	FTE	2 607	1 630	1 657	374	563	169	90	66	7 156
Patient transport officers	FTE	75	30	122	25	35	2	2	–	291
Students and base level ambulance officers	FTE	378	122	249	64	113	26	15	29	996
Qualified ambulance officers	FTE	1 536	1 054	996	–	263	34	2	14	3 899
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	340	53	57	11	9	13	840
Corporate support personnel	FTE	145	193	428	118	108	14	15	28	1 048
Total salaried personnel	FTE	2 983	1 949	2 425	545	728	194	114	107	9 044
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.21

Table 8A.21 **Ambulance service organisations' human resources (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</i>	<i>NT</i>	<i>Aust</i>
2002-03										
Salaried personnel										
Ambulance operatives	%	86.7	84.3	67.2	67.1	80.1	85.2	77.5	62.2	78.9
Ambulance operatives	FTE	2 743	1 730	1 679	380	635	154	93	70	7 483
Patient transport officers	FTE	97	37	123	25	58	2	2	–	344
Students and base level ambulance officers	FTE	455	343	232	108	114	21	18	18	1 309
Qualified ambulance officers	FTE	1 953	1 269	1 132	224	420	113	63	41	5 215
Clinical other	FTE	16	–	3	–	–	–	–	–	19
Communications operatives	FTE	222	81	190	23	43	18	10	11	597
Operational support personnel	FTE	233	136	315	66	52	15	14	15	846
Corporate support personnel	FTE	186	187	506	120	106	12	14	28	1 157
Total salaried personnel	FTE	3 162	2 053	2 499	566	793	180	120	113	9 486
Volunteers (a)										
Ambulance operatives	no.	57	387	403	2 022	1 354	530	–	21	4 728
Operational and corporate support	no.	–	–	–	726	300	–	–	1	1 027
Total volunteers	no.	57	387	403	2 748	1 654	530	–	22	5 755

Table 8A.21

Table 8A.21 **Ambulance service organisations' human resources (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</i>	<i>NT</i>	<i>Aust</i>
2003-04										
Salaried personnel										
Ambulance operatives	%	86.8	84.0	78.4	68.8	76.4	86.3	74.2	63.3	81.6
Ambulance operatives	FTE	2 865	1 887	2 088	410	649	162	95	74	8 230
Patient transport officers	FTE	96	39	143	33	48	2	2	–	363
Students and base level ambulance officers	FTE	523	394	336	96	151	23	18	20	1 562
Qualified ambulance officers	FTE	1 981	1 354	1 380	254	404	121	65	43	5 600
Clinical other	FTE	18	–	2	–	–	–	–	–	24
Communications operatives	FTE	247	100	227	27	46	16	10	11	682
Operational support personnel	FTE	226	145	188	60	68	14	18	15	686
Corporate support personnel	FTE	210	215	386	126	132	12	15	28	1 172
Total salaried personnel	FTE	3 301	2 246	2 662	596	849	187	128	117	10 088
Volunteers (a)										
Ambulance operatives	no.	115	501	445	1 694	1 383	567	–	19	4 724
Operational and corporate support	no.	–	–	–	1 026	200	–	–	1	1 227
Total volunteers	no.	115	501	445	2 720	1 583	567	–	20	5 951

- (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) Victorian data on volunteers includes some remunerated volunteers. These volunteers were remunerated for some time (usually response), but not for other time (usually on-call time). There were 362 remunerated volunteers in 2003-04, 335 in 2002-03 and 328 in 2001-02.
- (d) In Queensland data, operational support personnel include station officers. For 2003-04, volunteers comprise 272 ambulance attendants and 173 community first responders.
- (e) SA volunteers data are approximated.
- (f) In Tasmania, clinical other relates to part time doctors.

Table 8A.21 **Ambulance service organisations' human resources (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</i>	<i>NT</i>	<i>Aust</i>
-------------	----------------	----------------	----------------	-----------	---------------	----------------	------------	-----------	-------------

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

Source: State and Territory governments (unpublished).

Table 8A.22

Table 8A.22	Ambulance asset numbers (number) (a)	NSW (b) Vic (c) Qld (d) WA SA Tas ACT NT Total									
		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		

Table 8A.22

Table 8A.22 Ambulance asset numbers (number) (a)

	NSW (b)	Vic (c)	Qld (d)	WA	SA	Tas	ACT	NT	Total
2003-04									
Ambulance stations and locations									
Response locations	242	207	261	179	102	41	7	8	1 047
Communication centres	4	6	9	1	3	1	–	2	26
Other locations	44	34	29	113	6	2	1	4	233
Total	290	247	299	293	111	44	8	14	1 306
Ambulances and other vehicles									
Ambulance general purpose	852	442	633	356	186	94	15	24	2 602
Patient transport vehicles	63	39	111	14	15	2	1	2	247
Operational support vehicles	236	177	117	14	53	20	9	17	643
Special operations vehicles	3	7	–	–	–	–	1	–	11
Administrative vehicles	47	94	81	34	29	6	1	6	298
Other vehicles	47	22	46	19	8	4	–	3	149
Total	1 248	781	988	437	291	126	27	52	3 950

(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. QAS is not able to provide a count of stations where there is a mixed (paid and voluntary) workforce.

– Nil or rounded to zero.

Source : State and Territory governments (unpublished).

Table 8A.23

Table 8A.23 Survival rate from witnessed out-of-hospital cardiac arrests (a), (b)

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld (c)</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (d)</i>	<i>NT</i>	<i>Aust</i>
Survivals from witnessed out-of-hospital cardiac arrest incidents										
2003-04	%	17.9	33.1	19.6	15.1	20.6	na	19.1	na	24.1
Total witnessed out-of-hospital cardiac arrest incidents										
2003-04	no.	459	900	652	159	189	na	47	na	2 406

- (a) Data published in the 2005 Report for this indicator are not comparable with data published in previous reports.
- (b) The definition of witnessed cardiac arrest survival rate relates to percentage of patients aged 16 years and over in bystander (not paramedic) witnessed out-of-hospital cardiac arrest of presumed cardiac origin on whom resuscitation was attempted and who had vital signs on arrival at hospital.
- (c) Queensland Ambulance Service out-of-hospital cardiac arrests data for 2003-04 applies to 2003 calendar year. Lag is due to QAS quality assurance procedures. Out-of-hospital cardiac arrests figures relate to all cardiac arrests where resuscitation was commenced, not just witnessed cardiac arrests.
- (d) 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.24

Table 8A.24 **Ambulance code 1 response times (minutes) (a)**

	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA	Tas (f)	ACT	NT
50th percentile								
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
2003-04	9.9	9.0	8.0	9.0	9.2	10.3	7.5	9.0
90th percentile								
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
2003-04	19.5	16.0	17.0	15.2	15.8	21.3	12.3	14.0

(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) For Victoria, 2003-04 data is incomplete due to industrial action in June 2004.

(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).

np Not published.

Source : State and Territory governments (unpublished).

Table 8A.25

Table 8A.25	Satisfaction with ambulance service organisations (a)											
	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust		
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	375	250	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	375	250	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	375	250	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		
Total patients surveyed 2002 (e)												
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 (d)	%	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	1 122	479	357	449	262	100	na	2 769		
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		

Table 8A.25

Table 8A.25 Satisfaction with ambulance service organisations (a)

	<i>Unit</i>											
	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust			
Total patients surveyed 2003 (e) (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		
Total patients surveyed 2004 (e) (f)												
Patients surveyed (c)												
Very satisfied or satisfied	%	98.0	98.0	97.0	97.0	97.0	96.0	99.0	96.0	97.3		
Neither satisfied nor dissatisfied	%	1.0	1.0	1.0	2.0	3.0	1.0	1.0	3.0	1.4		
Dissatisfied or very dissatisfied	%	1.0	1.0	2.0	1.0	–	3.0	–	–	1.3		
Total usable responses	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.0	100.0		
Total usable responses	no.	470	1164	552	701	421	648	227	na	4183		
Patients not surveyed (c)	'000	733	326	519	146	175	30	26	21	1 956		
Total patients	'000	734	515	520	147	177	32	27	23	2 175		

(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) Includes missing responses to this question from usable patient surveys.

(e) Jurisdictions conducted surveys at various times during 2002 and 2003.

(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.26

Table 8A.26	Real ambulance service organisations' costs (\$'000)								Total	
		NSW	Vic	Qld	WA	SA	Tas	ACT		NT (a)
1999-2000										
Labour costs (b)	220 264	132 773	125 008	32 513	46 794	12 369	7 247	6 149	583 116	
Salaries and payments in the nature of salaries	209 268	126 145	113 207	30 890	44 458	10 978	6 885	5 842	547 673	
Payroll tax	na	na	5 852	na	na	814	na	na	6 666	
Capital costs	28 176	19 696	16 679	6 863	6 037	808	499	1 302	80 058	
Depreciation	14 879	11 519	16 666	2 596	4 113	-	398	625	50 796	
User cost of capital (c)	13 298	8 177	13	4 266	1 924	808	101	677	29 262	
Land	2 841	1 407	2	na	93	72	-	183	4 598	
Other assets	10 457	6 770	10	4 266	1 831	735	101	494	24 664	
Other costs	65 789	85 399	58 564	26 857	19 179	4 359	2 755	3 045	265 947	
Interest on borrowings	-	-	3	-	-	-	-	-	3	
Total costs (d)	311 388	236 461	200 245	66 232	71 918	17 464	10 501	10 313	924 520	
2000-01										
Labour costs (b)	221 188	140 871	155 023	27 639	45 538	12 434	7 424	6 345	616 463	
Salaries and payments in the nature of salaries	221 188	140 871	148 287	27 639	45 538	11 719	7 424	6 345	609 012	
Payroll tax	na	-	6 735	-	-	715	-	-	7 450	
Capital costs	26 557	19 748	30 793	6 901	6 577	3 255	866	1 136	95 831	
Depreciation	13 913	11 796	17 842	2 483	4 517	1 106	290	700	52 648	
User cost of capital (c)	12 644	7 951	12 951	4 417	2 059	2 148	576	436	43 183	
Land	2 682	1 331	2 102	na	116	162	77	23	6 732	
Other assets	9 962	6 620	10 850	4 178	1 943	1 986	499	413	36 451	
Other costs	78 266	90 076	55 637	31 662	20 501	5 406	2 428	2 559	252 668	
Interest on borrowings	251	-	243	-	-	-	156	-	651	
Total costs (d)	323 077	249 363	239 108	65 963	72 500	20 933	10 485	10 017	957 578	
2001-02										
Labour costs (b)	228 389	166 135	160 084	27 443	49 449	13 929	7 777	6 582	659 789	
Capital costs	25 640	23 501	32 911	6 742	8 193	2 147	817	1 148	101 103	
Depreciation	14 790	15 812	17 872	2 643	5 564	1 094	418	709	58 902	
User cost of capital (c)	10 850	7 689	15 039	4 099	2 629	1 053	399	440	42 201	
Land	2 280	1 289	2 452	1 993	238	686	104	22	9 067	
Other assets	8 571	6 400	12 586	2 106	2 392	367	295	418	33 135	
Other costs	80 742	93 959	73 228	31 075	21 388	4 583	3 761	2 407	311 143	
Interest on borrowings	277	-	210	-	-	-	32	-	520	
Total costs (d)	332 214	282 306	263 561	63 267	78 792	19 973	12 219	10 115	1 062 449	

Table 8A.26

Table 8A.26 Real ambulance service organisations' costs (\$'000)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT (a)	Total
2002-03									
Labour costs (b)	245 588	180 817	147 645	28 076	57 939	14 193	9 138	6 444	689 840
Capital costs	28 200	23 608	34 509	7 217	9 076	2 540	1 122	1 098	107 370
Depreciation	13 929	14 253	18 436	3 129	6 389	1 044	378	659	58 217
User cost of capital (c)	14 271	9 356	16 072	4 088	2 687	1 495	743	439	49 153
Land	4 117	2 210	2 823	1 915	231	159	155	22	11 631
Other assets	10 154	7 146	13 250	2 173	2 457	1 336	588	418	37 522
Other costs	82 628	98 447	82 123	28 081	18 635	4 875	4 168	2 466	321 424
Interest on borrowings	280	–	9 679	–	–	–	–	–	9 959
Total costs (d)	352 019	300 662	245 279	61 460	85 420	20 640	14 273	9 986	1 089 740
2003-04									
Labour costs (b)	256 396	186 587	180 466	30 291	61 905	14 448	10 270	6 946	747 309
Capital costs	28 201	26 038	36 085	8 172	9 496	2 676	531	1 066	112 266
Depreciation	14 838	14 170	18 648	3 889	6 819	1 170	327	602	60 463
User cost of capital (c)	13 363	11 868	17 437	4 283	2 677	1 506	204	464	51 803
Land	4 097	2 256	2 857	1 911	458	171	148	21	11 919
Other assets	9 266	9 612	14 580	2 372	2 219	1 335	56	443	39 884
Other costs	95 559	99 972	82 179	30 247	19 211	5 138	3 478	2 360	338 144
Interest on borrowings	227	–	11 030	–	–	–	–	2	11 259
Total costs (d)	375 832	310 341	277 349	66 799	90 154	21 315	14 131	10 349	1 166 271

(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.27

Table 8A.27 Real ambulance service organisations' expenditure per 1000 people (2003-04 dollars) (a)

	Unit	NSW	Vic	Qld	WA	SA	Tas (b)	ACT	NT	Aust (c)
1999-2000										
Total	\$m	311.4	236.5	200.2	66.2	71.9	17.5	10.5	10.3	924.5
Population	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2	18.9
Per 1000 people	\$	48 568	50 457	57 190	35 806	48 015	37 044	33 623	53 506	48 850
2000-01										
Total	\$m	323.1	249.4	239.1	66.0	72.5	20.9	10.5	10.0	957.6
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$	49 810	52 593	67 136	35 190	48 171	44 406	33 262	51 223	49 995
2001-02										
Total	\$m	332.2	282.3	263.6	63.3	78.8	20.0	12.2	10.1	1 062.4
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$	50 525	58 756	72 627	33 278	52 121	42 335	38 266	51 147	54 728
2002-03										
Total	\$m	352.0	300.7	245.3	61.5	85.4	20.6	14.3	10.0	1 089.7
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 1000 people	\$	53 062	61 900	66 096	31 935	56 245	43 671	44 394	50 267	55 483
2003-04										
Total	\$m	375.8	310.3	277.3	66.8	90.2	21.3	14.1	10.3	1 166.3
Population	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	56 205	63 112	73 059	34 217	59 034	44 679	43 772	52 176	58 664

(a) Total government ambulance expenditure per person was reported in the 2004 Report for the first time, replacing total ambulance service organisation 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.28

**Table 8A.28 Real ambulance service organisations' funding per 1000 people
(2003-04 dollars) (a)**

	Unit	NSW	Vic	Qld	WA	SA	Tas (b)	ACT	NT	Aust (c)
Total ambulance direct and indirect government funding per person (c)										
1999-2000										
Total	\$m	223.7	124.8	120.2	14.3	35.4	13.0	8.4	6.5	546.3
Population	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2	18.9
Per 1000 people	\$	34 891	26 625	34 342	7 718	23 628	27 557	26 903	33 892	28 866
2000-01										
Total	\$m	233.6	141.2	138.3	13.9	35.2	15.1	8.5	6.0	591.8
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$	36 013	29 776	38 822	7 427	23 359	32 077	27 077	30 679	30 896
2001-02										
Total	\$m	216.6	167.8	139.6	15.0	42.7	16.2	9.1	6.3	613.4
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$	32 943	34 928	38 481	7 885	28 241	34 384	28 404	32 012	31 596
2002-03										
Total	\$m	250.3	186.4	153.8	14.3	38.2	15.7	13.9	6.6	679.1
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 1000 people	\$	37 728	38 374	41 450	7 413	25 122	33 233	43 195	33 248	34 577
2003-04										
Total	\$m	252.1	183.6	226.9	13.7	43.9	16.1	10.9	7.1	754.2
Population	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	37 705	37 333	59 764	7 033	28 725	33 697	33 634	35 676	37 936
Total ambulance direct government funding per person (c)										
1999-2000										
Total	\$m	223.7	124.8	120.2	14.3	35.4	13.0	8.4	6.5	546.3
Population	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2	18.9
Per 1000 people	\$	34 891	26 625	34 342	7 718	23 628	27 557	26 903	33 892	28 866
2000-01										
Total	\$m	233.6	141.2	138.3	13.9	35.2	15.1	8.5	6.0	591.8
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$	36 013	29 776	38 822	7 427	23 359	32 077	27 077	30 679	30 896
2001-02										
Total	\$m	216.6	162.1	139.6	15.0	42.7	16.2	2.5	6.3	601.1
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$	32 943	33 730	38 481	7 885	28 241	34 384	7 872	32 012	30 962
2002-03										
Total	\$m	250.3	181.1	153.8	14.3	38.2	15.7	7.4	6.6	667.3
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 1000 people	\$	37 728	37 286	41 450	7 413	25 122	33 233	22 911	33 248	33 976

Table 8A.28

Table 8A.28 Real ambulance service organisations' funding per 1000 people (2003-04 dollars) (a)

	Unit	NSW	Vic	Qld	WA	SA	Tas (b)	ACT	NT	Aust (c)
2003-04										
Total	\$m	252.1	178.9	226.9	13.7	43.9	16.1	3.3	7.1	741.9
Population	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	37 705	36 385	59 764	7 033	28 725	33 697	10 095	35 676	37 319
Total ambulance other funding per person										
1999-2000										
Total	\$m	70.8	99.8	103.5	49.7	42.8	3.8	1.4	3.3	375.2
Population	m	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2	18.9
Per 1000 people	\$	11 048	21 296	29 567	26 867	28 602	8 147	4 483	16 920	19 825
2000-01										
Total	\$m	70.7	105.8	107.2	49.7	40.9	1.0	1.2	3.8	380.5
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$	10 903	22 322	30 110	26 533	27 198	2 167	3 865	19 493	19 867
2001-02										
Total	\$m	81.7	115.7	108.3	53.9	49.4	2.4	1.3	3.8	416.7
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$	12 432	24 086	29 838	28 374	32 693	5 157	4 052	19 345	21 463
2002-03										
Total	\$m	77.3	122.2	112.7	57.7	45.3	3.4	1.5	4.7	424.8
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 1000 people	\$	11 658	25 164	30 362	29 991	29 835	7 115	4 679	23 692	21 631
2003-04										
Total	\$m	79.1	136.0	59.2	64.0	49.8	3.5	2.2	4.5	398.3
Population	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	11 825	27 662	15 590	32 775	32 633	7 357	6 833	22 623	20 035

(a) Total government ambulance expenditure per person is reported in the 2004 Report for the time series replacing total ambulance service organisation 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
events

Table 8A.29

Table 8A.29		Reported road rescue incidents								
	<i>Unit</i>	NSW (a)	Vic	Qld	WA (b)	SA Tas (c)	ACT	NT	Aust	
Total incidents										
2002-03	no.	5 544	2 565	3 797	144	2 650	423	56	306	15 485
2003-04	no.	7 574	2 543	4 464	120	2 708	392	774	340	18 915
Incidents per 100 000 people										
2002-03	no.	83.6	52.8	102.3	7.5	174.5	89.5	17.4	154.0	78.8
2003-04	no.	113.3	51.7	117.6	6.1	177.3	82.2	239.8	171.4	95.1
(a) In NSW, five organisations provided road rescue services. Data for 2002-03 have been reported by the NSW Ambulance Service and the NSW Fire Brigades, and data for 2003-04 data have been reported by all five organisations: NSW Ambulance Service, NSW Fire Brigades, NSW State Emergency Service the Volunteer Rescue Association and NSW Police Service.										
(b) For WA, 2002-03 data include 42 road rescues by SES and 2003-04 data includes 32 road rescues by SES.										
(c) For Tasmania, data include responses by fire service organisations, ambulance service organisations and SES.										
<i>Source :</i> State and Territory governments (unpublished).										

Table 8A.30

Table 8A.30 Reported numbers of road rescue extrications

	NSW (a)	Vic (b)	Qld	WA (d)	SA	Tas (e)	ACT	NT	Aust
Total extrications									
2002-03	no. 648	1 103	654	108	479	101	11	105	3 209
2003-04	no. 2 337	987	749	89	521	104	84	115	4 986
Extrications per 100 000 people									
2002-03	no. 9.8	22.7	17.6	5.6	31.5	21.4	3.4	52.9	16.3
2003-04	no. 34.9	20.1	19.7	4.6	34.1	21.8	26.0	58.0	25.1

(a) In NSW, five organisations provided road rescue services. Data for 2002-03 have been reported by the NSW Ambulance Service and the NSW Fire Brigades, and data for 2003-04 data have been reported by all five organisations: NSW Ambulance Service, NSW Fire Brigades, NSW State Emergency Service the Volunteer Rescue Association and NSW Police Service.

(b) In Victoria, SES extricated 1310 people (which included 268 with no injuries, 879 with injuries and 163 deceased).

(c) For WA, 2002-03 data include 12 extrications by SES and 2003-04 data include 8 extrications by SES.

(d) For Tasmania, data include responses by fire service organisations, ambulance service organisations and SES.

Source : State and Territory governments (unpublished).

All jurisdictions — State
Emergency Services/Territory
Emergency Services

Table 8A.31

Table 8A.31 **SES/TES volunteer human resources (number)**

	NSW (a)	Vic (b)	Qld	WA	SA (c)	Tas (d)	ACT	NT	Aust
2002-03	SES/TES operational/nonoperational volunteers								
Operational	na	na	na	2 308	na	485	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	485	180	539	42 786
2003-04	SES/TES operational/nonoperational volunteers								
Operational	na	na	na	2 039	2 050	464	180	na	4 719
Nonoperational	na	na	na	na	na	-	50	na	na
SES/TES active/nonactive volunteers									
Active	7 956	3 299	9 626	2 039	na	na	na	na	20 881
Nonactive	2 070	1 540	7 585	na	na	na	na	na	11 195
SES/TES total	10 026	4 839	17 211	2 039	2 050	464	180	582	37 391

(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) For SA, SES changed its criterion for reserve membership after 2002-03. Data refer to active, operational members.

(d) 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.32

Table 8A.32 **Communications and dispatching systems**

	<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>
Development stage	Operating	Operating	Operating	Operating	Investigating	Operating	Operating	Operating
Agency involvement	Fire Brigades	Metropolitan Fire and Emergency Services Board	Fire and Rescue Service	Fire and 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
		SES		SES	SES		TES	
		Police			Police			Police
Future agency involvement	Complete	Rural Ambulance Victoria	Complete	Complete	Complete	Complete	Complete	Complete
Coverage	Statewide	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.32

- (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.33

Table 8A.33 **Selected fire risk management/mitigation strategies (a), (b)**

	<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>Aus Gov</i>
Bushfire risk management strategies	Implementation of bushfire risk management plans Community Fire Units Amendments to Rural Fires Act leading to implementation of a Bushfire Code of Practice with links to bushfire risk management plans	Creation of commercial plantation industry brigades (Forestry Industry Brigades) Wildfire Management Overlay and Planning Control Bushfire Prone Area building control Fire access road subsidy scheme Integrate fire management planning with municipalities and other agencies Roadside fire management	Bushfire risk management profile under development	Partnership agreements between Fire and Emergency Services Authority (FESA) and local governments 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 Caboolture (Qld) which are funded in part under the Natural Disaster Risk Management Studies Program

Table 8A.33

Table 8A.33 **Selected fire risk management/mitigation strategies (a), (b)**

<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>Aus Gov</i>
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	Statewide 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								
Service Delivery Model to guide District activities and ongoing community education strategies								
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.33

Table 8A.33 **Selected fire risk management/mitigation strategies (a), (b)**

	<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>Aus Gov</i>
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 including Brigades in Schools, Early FireSafe, Isolated Elderly, FireReady, Fired up English, Community Fireguard, Summer Street Meetings.	Community fire safety and awareness programs: Senior's Fire Ed, Operation Safehome, Fight Fire Fascination	Community fire education programs	Community fire safe programs; community fireguard 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 Liaison 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
			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	

Table 8A.33

Table 8A.33 **Selected fire risk management/mitigation strategies (a), (b)**

	<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>Aus Gov</i>
Smoke alarm legislation	Mandatory legislation for new homes or homes undergoing major renovations	Mandatory for all homes supported by public awareness campaigns	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

(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.34

Table 8A.34	Prevention activities of fire service organisations								
		NSW	Vic	Qld	WA	SA	Tas	ACT	NT
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
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.35

Table 8A.35 All activities of fire service organisations

	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
Other	✓	✓	✓	✓	✓	✓	✓	✓
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
Fire recovery								
Critical incident stress debriefing	✓	✓	✓	✓	✓	✓	✓	✓
Salvage and restoration of the emergency event to a safe state	✓	✓	✓	✓	✓	✓	✓	✓
Support for the community	✓	✓	✓	✓	✓	✓	X	✓
Post incident analysis of events	✓	✓	✓	✓	✓	✓	✓	✓

Source : State and Territory governments (unpublished).

Table 8A.36

Table 8A.36 All activities of State Emergency Services and Territory Emergency Services (a)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT
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.37

Table 8A.37 Treatment of assets by emergency management agencies (a), (b), (c)

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

(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.37

- (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.38

Table 8A.38 **Summary of emergency management organisations by event type, 2003 (a), (b)**

	<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>Aus Gov</i>
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					
			Qld Rescue (Helicopter)						
Medical transport and emergencies	Ambulance Service of NSW	Metropolitan Ambulance Victoria	Qld Ambulance Service	St John Ambulance	SA Ambulance Service	Tasmania Ambulance Service	ACT Ambulance Service	St John Ambulance	
	NSW Health	Rural Ambulance Victoria	Qld Rescue	FESA				Royal Flying Doctor Service	
	Helicopter Rescue Services (under ambulance control)	Alexandra and District Ambulance service	Qld Health	Royal Flying Doctor Service				Territory Health Service	
		Melbourne Fire and Emergency Services Board	Community Helicopters						

Table 8A.38

	<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>Aus Gov</i>
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			
	Volunteer Rescue Association	Metropolitan Ambulance Victoria	Qld Rescue	St John Ambulance	SA Ambulance Service				
	Mines Rescue Service	Rural Ambulance Victoria	Volunteer Marine Rescue		Adelaide Bank 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

Table 8A.38

	<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>Aus Gov</i>
Natural events (continued)	NSW Agriculture		Department of Families	Department of Health		Department of Primary Industries, Water and Environment			
	Environmental Protection Authority			Water Corporation					
	Department of Transport			Department for Planning and Infrastructure					
	Department of Community Services								
	Mines Rescue Service								
	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

Table 8A.38

	<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>Aus Gov</i>
Technological and hazardous material incidents (continued)	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			
			Department of Sustainability and Environment		Department of Conservation and Land Management		Department of Infrastructure, Energy and Resources		
Quarantine and disease control	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
	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

Table 8A.38

	<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>Aus Gov</i>
Emergency relief and recovery	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 of 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	
	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 Treasury and Agriculture					
	Department of Transport	Vic Roads		Department of Environment, Catchment and Water Protection					
	Department of Education	Utility companies		Department of Mineral and Petroleum Resources					
	Ethnic Affairs			Department of Planning and Infrastructure					
	Salvation Army								
	Seventh Day Adventist								
Local government authorities									

(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 2002-2004 Reports without the survey being reconducted.

Table 8A.38

- (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 combating organisation, the second mentioned is the second main combating organisation, through to the last mentioned, which is the most minor combating 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).

