

## 8A Emergency management — attachment

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

This file is available in Adobe PDF format on the Review web page ([www.pc.gov.au/gsp](http://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).

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**All jurisdictions — fire events**

Table 8A.1

Table 8A.1 Major sources of fire service organisations' funding (2004-05 dollars) (a)

2000-01	Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT (g)	NT (h)	Total
	Government grants									
	Australian	0.1	0.5	0.9	0.8	0.4	0.5	—	8.6	0.6
	State/Territory	12.4	23.1	16.3	26.7	0.0	10.8	48.7	82.1	17.9
	Local	12.0	5.6	—	9.3	—	—	—	—	6.1
	Levies									
	On insurance companies	71.3	63.9	—	55.1	—	20.3	—	—	44.1
	On property owners	—	0.9	77.3	0.1	94.1	51.0	—	—	24.2
	User charges	2.3	5.0	4.0	3.7	2.9	14.4	16.6	6.2	4.3
	Miscellaneous revenue	2.0	1.0	1.5	4.3	2.7	3.1	1.0	2.1	1.9
	Indirect government funding	—	—	—	—	—	—	33.7	1.1	1.0
	<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
	Total government grants	24.4	29.2	17.2	36.9	0.4	11.2	48.7	90.7	24.5
	Total levies	71.3	64.8	77.3	55.2	94.1	71.3	—	—	68.3
	User charges	2.3	5.0	4.0	3.7	2.9	14.4	16.6	6.2	4.3
	Miscellaneous revenue	2.0	1.0	1.5	4.3	2.7	3.1	1.0	2.1	1.9
	Indirect government funding	—	—	—	—	—	—	33.7	1.1	1.0
	<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
	Total government grants	118.7	102.4	46.5	40.4	0.5	4.8	20.6	21.7	355.5
	Total levies	346.9	227.3	209.2	60.5	117.5	30.2	—	—	991.7
	User charges	11.1	17.7	10.7	4.1	3.6	6.1	7.0	1.5	61.8
	Miscellaneous revenue	9.8	3.5	4.0	4.7	3.3	1.3	0.4	0.5	27.4
	Indirect government funding	—	—	—	—	—	—	14.2	0.3	14.5
	<b>Total</b>	<b>486.4</b>	<b>350.9</b>	<b>270.4</b>	<b>109.7</b>	<b>124.9</b>	<b>42.4</b>	<b>42.2</b>	<b>23.9</b>	<b>1 450.8</b>

Table 8A.1

Table 8A.1 Major sources of fire service organisations' funding (2004-05 dollars) (a)

Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT (g)	NT (h)	Total
Government grants									
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	88.3	86.4	16.0
Local	7.9	5.4	—	9.9	—	—	—	—	5.0
Levies									
On insurance companies	62.9	69.9	0.1	58.8	—	25.0	—	—	45.4
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 revenue	11.9	3.0	2.5	2.5	1.9	4.0	1.2	0.2	6.2
Indirect government funding	—	—	—	—	—	—	10.0	—	0.2
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Total government grants	20.5	22.2	18.8	36.8	0.6	8.8	88.3	96.4	21.9
Total levies	65.7	71.1	74.6	58.8	93.7	73.3	—	—	68.5
User charges	1.9	3.6	4.1	1.9	3.8	13.9	0.5	3.4	3.2
Miscellaneous revenue	11.9	3.0	2.5	2.5	1.9	4.0	1.2	0.2	6.2
Indirect government funding	—	—	—	—	—	—	10.0	—	0.2
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Total government grants	\$m 115.5	\$m 99.7	\$m 45.3	\$m 39.4	\$m 0.5	\$m 4.6	\$m 20.0	\$m 21.1	\$m 346.1
Total levies	\$m 337.7	\$m 221.3	\$m 203.6	\$m 58.9	\$m 114.4	\$m 29.4	\$m —	\$m —	\$m 965.4
User charges	\$m 11.6	\$m 13.4	\$m 11.7	\$m 2.0	\$m 4.4	\$m 6.2	\$m 0.1	\$m 0.5	\$m 49.9
Miscellaneous revenue	\$m 72.5	\$m 11.2	\$m 7.1	\$m 2.5	\$m 2.2	\$m 1.8	\$m 0.4	\$m 0.0	\$m 97.7
Indirect government funding	\$m —	\$m —	\$m —	\$m —	\$m —	\$m —	\$m 3.0	\$m —	\$m 3.0
<b>Total</b>	<b>\$m 537.3</b>	<b>\$m 345.6</b>	<b>\$m 267.7</b>	<b>\$m 102.8</b>	<b>\$m 121.5</b>	<b>\$m 42.0</b>	<b>\$m 23.6</b>	<b>\$m 21.7</b>	<b>\$m 1 462.2</b>

Table 8A.1

Table 8A.1 Major sources of fire service organisations' funding (2004-05 dollars) (a)

Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT (g)	NT (h)	Total
2002-03									
Government grants									
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	89.2	87.8	16.4
Local	7.6	5.3	—	9.9	—	—	—	—	4.8
Levies									
On insurance companies	56.8	66.2	0.1	59.2	—	30.8	—	—	42.6
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 revenue	18.9	4.3	2.5	2.3	3.7	3.3	0.6	0.3	9.5
Indirect government funding	0.1	—	—	—	—	—	9.7	—	0.2
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Total government grants									
	18.6	25.0	20.9	36.6	0.1	12.3	89.2	89.7	22.0
Total levies									
	59.3	67.8	71.7	59.3	93.4	72.5	—	—	64.8
User charges									
	3.0	2.9	4.8	1.8	2.8	11.9	0.5	10.0	3.5
Miscellaneous revenue									
	18.9	4.3	2.5	2.3	3.7	3.3	0.6	0.3	9.5
Indirect government funding									
	0.1	—	—	—	—	—	9.7	—	0.2
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Total government grants									
	\$m 127.8	\$m 101.3	\$m 63.8	\$m 39.1	\$m 0.1	\$m 6.3	\$m 27.1	\$m 14.9	\$m 380.4
Total levies									
	\$m 407.7	\$m 274.1	\$m 218.6	\$m 63.2	\$m 119.8	\$m 37.2	\$m —	\$m —	\$m 1 120.7
User charges									
	\$m 11.3	\$m 13.0	\$m 11.3	\$m 1.9	\$m 4.3	\$m 6.0	\$m 0.1	\$m 0.5	\$m 48.4
Miscellaneous revenue									
	\$m 70.4	\$m 10.9	\$m 6.9	\$m 2.4	\$m 2.2	\$m 1.7	\$m 0.4	\$m 0.0	\$m 94.9
Indirect government funding									
	\$m —	\$m —	\$m —	\$m —	\$m —	\$m —	\$m 2.9	\$m —	\$m 2.9
<b>Total</b>	<b>\$m 617.3</b>	<b>\$m 399.3</b>	<b>\$m 300.5</b>	<b>\$m 106.7</b>	<b>\$m 126.4</b>	<b>\$m 51.3</b>	<b>\$m 30.6</b>	<b>\$m 15.4</b>	<b>\$m 1 647.4</b>

Table 8A.1

Table 8A.1 Major sources of fire service organisations' funding (2004-05 dollars) (a)

2003-04	Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT (g)	NT (h)	Total
	Government grants									
	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	75.0	88.2	13.7
	Local	8.7	5.6	–	–	–	na	–	–	4.5
	Levies									
	On insurance companies	71.7	67.9	–	26.3	–	29.4	–	–	45.4
	On property owners	2.9	1.9	72.0	69.6	94.1	42.5	–	–	28.0
	User charges	3.2	3.7	5.4	1.1	2.0	13.3	10.4	8.8	4.0
	Miscellaneous revenue	3.7	5.2	2.0	2.0	3.6	4.3	6.3	0.5	3.7
	Indirect government funding	–	–	–	–	–	na	8.2	–	0.2
	<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
	Total government grants	18.5	21.3	20.6	1.0	0.3	10.4	75.0	90.7	18.7
	Total levies	74.6	69.8	72.0	95.9	94.1	71.9	–	–	73.4
	User charges	3.2	3.7	5.4	1.1	2.0	13.3	10.4	8.8	4.0
	Miscellaneous revenue	3.7	5.2	2.0	2.0	3.6	4.3	6.3	0.5	3.7
	Indirect government funding	–	–	–	–	–	na	8.2	–	0.2
	<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
	Total government grants	109.1	96.0	63.6	1.2	0.4	5.2	29.3	14.9	319.7
	Total levies	441.3	315.0	222.0	116.1	126.6	36.0	–	–	1 257.0
	User charges	19.1	16.8	16.8	1.3	2.7	6.7	4.1	1.4	68.9
	Miscellaneous revenue	21.8	23.5	6.0	2.4	4.9	2.1	2.5	0.1	63.4
	Indirect government funding	–	–	–	–	–	na	3.2	–	3.2
	<b>Total</b>	<b>591.4</b>	<b>451.3</b>	<b>308.4</b>	<b>121.1</b>	<b>134.5</b>	<b>50.0</b>	<b>39.1</b>	<b>16.4</b>	<b>1 712.1</b>



Table 8A.1

Table 8A.1 Major sources of fire service organisations' funding (2004-05 dollars) (a)

Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT (g)	NT (h)	Total
2004-05									
Government grants									
Australian	0.1	1.8	1.2	0.9	0.1	0.7	—	2.5	0.8
State/Territory	15.7	14.6	15.7	12.4	—	11.0	78.7	88.1	16.3
Local	8.5	5.7	—	—	—	—	—	—	4.6
Levies									
On insurance companies	66.9	67.8	—	—	—	29.3	—	—	42.8
On property owners	2.9	1.9	75.9	83.3	95.6	42.3	—	—	28.3
User charges	3.2	3.2	5.2	1.8	2.1	13.0	15.6	7.8	4.0
Miscellaneous revenue	2.8	5.0	2.0	1.6	2.2	3.7	0.4	1.7	3.1
Indirect government funding	—	—	—	—	—	—	5.3	—	0.1
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Total government grants									
	24.3	22.1	16.8	13.3	0.1	11.7	78.7	90.5	21.6
Total levies									
	69.7	69.7	75.9	83.3	95.6	71.6	—	—	71.1
User charges									
	3.2	3.2	5.2	1.8	2.1	13.0	15.6	7.8	4.0
Miscellaneous revenue									
	2.8	5.0	2.0	1.6	2.2	3.7	0.4	1.7	3.1
Indirect government funding									
	—	—	—	—	—	—	5.3	—	0.1
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Total government grants									
	\$m 151.0	\$m 104.3	\$m 49.9	\$m 15.3	\$m 0.1	\$m 5.8	\$m 34.2	\$m 18.7	\$m 379.2
Total levies									
	\$m 433.8	\$m 329.1	\$m 224.9	\$m 96.0	\$m 127.0	\$m 35.4	\$m —	\$m —	\$m 1 246.2
User charges									
	\$m 19.9	\$m 14.9	\$m 15.5	\$m 2.1	\$m 2.8	\$m 6.4	\$m 6.8	\$m 1.6	\$m 70.0
Miscellaneous revenue									
	\$m 17.4	\$m 23.7	\$m 6.0	\$m 1.9	\$m 3.0	\$m 1.9	\$m 0.2	\$m 0.4	\$m 54.3
Indirect government funding									
	\$m —	\$m —	\$m —	\$m —	\$m —	\$m —	\$m 2.3	\$m —	\$m 2.3
<b>Total</b>	<b>\$m 622.0</b>	<b>\$m 471.9</b>	<b>\$m 296.3</b>	<b>\$m 115.3</b>	<b>\$m 132.9</b>	<b>\$m 49.5</b>	<b>\$m 43.5</b>	<b>\$m 20.6</b>	<b>\$m 1 751.9</b>

Table 8A.1

Table 8A.1 Major sources of fire service organisations' funding (2004-05 dollars) (a)

	Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT (g)	NT (h)	Total
(a)	Funding levels are adjusted using the Australian Bureau of Statistics (ABS) GDP price deflator 2004-05 = 100 (table A.26) to arrive at a constant price measure. 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 2001-02, 2002-03 and 2004-05 are artificially inflated by significant abnormal grants associated with natural disasters.									
(c)	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)	The State Government grant for Queensland in 2002-03 and 2003-04 included funding for a 6 per cent equity return, equal to \$15 million in 2002-03 and \$17 million in 2003-04. However, a Whole of Government decision in 2004-05 eliminated the equity return expense performance management regime and related funding with effect from 1 July 2004. This has resulted in a reduction of \$18 million in both revenues and expenses in 2004-05.									
(e)	Data for 2001-02 and 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. The first full year of ESL funding was 2004-05.									
(f)	The increase in Australian Government grants in 2002-03 is due to the Country Fire Service matching Australian Government funding.									
(g)	Funding change for 2000-01 reflects the revised method of attributing funds to the then 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)	The large decrease in NT funding between 2000-01 and 2001-02 is mainly due to a reduction in capital items expenditure.									
	- 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)

	Unit	NSW (c)	Vic (d)	Qld (e)	WA	SA (f)	Tas (g)	ACT (h)	NT (i)	Aust
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
<b>Total fires</b>	<b>no.</b>	<b>45 913</b>	<b>24 650</b>	<b>22 744</b>	<b>17 374</b>	<b>8 919</b>	<b>4 675</b>	<b>na</b>	<b>na</b>	<b>na</b>
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	78 238
Other	no.	6 314	4 777	7 260	1 732	5 407	2 123	7 780	303	35 696
<b>Total other emergencies and incidents</b>	<b>no.</b>	<b>89 499</b>	<b>43 756</b>	<b>38 864</b>	<b>11 385</b>	<b>18 195</b>	<b>5 489</b>	<b>7 780</b>	<b>3 031</b>	<b>217 999</b>
<b>Total fires, other emergencies and incidents</b>	<b>no.</b>	<b>135 412</b>	<b>68 406</b>	<b>61 608</b>	<b>28 759</b>	<b>27 114</b>	<b>10 164</b>	<b>na</b>	<b>na</b>	<b>na</b>
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
<b>Total fires</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>na</b>	<b>na</b>	<b>na</b>

Table 8A.2

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

	Unit	NSW (c)	Vic (d)	Qld (e)	WA	SA (f)	Tas (g)	ACT (h)	NT (i)	Aust
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
<b>Total other emergencies and incidents</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
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
<b>Total fires, other emergencies and incidents</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>na</b>	<b>na</b>	<b>na</b>
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
<b>Total fires</b>	<b>no.</b>	<b>49 297</b>	<b>22 568</b>	<b>23 512</b>	<b>16 903</b>	<b>9 062</b>	<b>4 239</b>	<b>na</b>	<b>na</b>	<b>125 581</b>
Other emergencies and incidents										
Nonfire rescue calls including road rescue	no.	9 658	7 174	8 395	833	3 201	397	na	na	29 658
Hazardous conditions	no.	12 972	6 120	3 307	1 142	1 996	296	na	na	25 833

Table 8A.2

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

	Unit	NSW (c)	Vic (d)	Qld (e)	WA	SA (f)	Tas (g)	ACT (h)	NT (i)	Aust
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
<b>Total other emergencies and incidents</b>	<b>no.</b>	<b>96 945</b>	<b>42 258</b>	<b>39 449</b>	<b>11 997</b>	<b>18 276</b>	<b>5 363</b>	<b>7 692</b>	<b>3 964</b>	<b>225 944</b>
<b>Total fires, other emergencies and incidents</b>	<b>no.</b>	<b>146 242</b>	<b>64 826</b>	<b>62 961</b>	<b>28 900</b>	<b>27 338</b>	<b>9 602</b>	<b>na</b>	<b>na</b>	<b>351 525</b>
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
<b>Total fires</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>na</b>	<b>na</b>	<b>na</b>
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
<b>Total other emergencies and incidents</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>na</b>	<b>na</b>	<b>na</b>
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
<b>Total fires, other emergencies and incidents</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>na</b>	<b>na</b>	<b>na</b>

Table 8A.2

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

	Unit	NSW (c)	Vic (d)	Qld (e)	WA	SA (f)	Tas (g)	ACT (h)	NT (i)	Aust
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
<b>Total fires</b>	<b>no.</b>	<b>46 895</b>	<b>24 388</b>	<b>20 865</b>	<b>14 696</b>	<b>8 892</b>	<b>4 728</b>	<b>1 543</b>	<b>2 551</b>	<b>124 558</b>
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
<b>Total other emergencies and incidents</b>	<b>no.</b>	<b>102 319</b>	<b>43 623</b>	<b>41 349</b>	<b>12 307</b>	<b>19 045</b>	<b>5 662</b>	<b>8 230</b>	<b>3 921</b>	<b>236 456</b>
<b>Total fires, other emergencies and incidents</b>	<b>no.</b>	<b>149 214</b>	<b>68 011</b>	<b>62 214</b>	<b>27 003</b>	<b>27 937</b>	<b>10 390</b>	<b>9 773</b>	<b>6 472</b>	<b>361 014</b>
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
<b>Total fires</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Table 8A.2

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

	Unit	NSW (c)	Vic (d)	Qld (e)	WA	SA (f)	Tas (g)	ACT (h)	NT (i)	Aust
Other emergencies and incidents										
Nonfire rescue calls including road rescue	%	10.3	15.7	22.3	6.6	17.6	6.9	13.3	13.2	13.9
Hazardous conditions	%	12.7	14.7	7.4	8.9	9.9	6.1	5.4	5.3	11.2
Calls to floods, storm and tempest and other natural disasters	%	5.1	8.9	5.9	4.8	8.6	4.9	8.5	0.0	6.3
Good intent calls	%	11.1	19.5	11.0	13.4	6.5	16.3	8.4	1.4	12.2
Malicious false calls	%	6.3	6.9	4.2	2.6	4.0	3.0	2.9	3.2	5.4
System initiated false alarms	%	47.2	23.3	38.8	49.4	24.1	20.3	57.6	56.2	39.4
Other	%	7.3	10.9	10.4	14.3	29.3	42.6	3.8	20.7	11.6
<b>Total other emergencies and incidents</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
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
<b>Total fires, other emergencies and incidents</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
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
<b>Total fires</b>	<b>no.</b>	<b>41 494</b>	<b>21 377</b>	<b>17 249</b>	<b>13 861</b>	<b>8 772</b>	<b>4 050</b>	<b>1 005</b>	<b>2 092</b>	<b>109 900</b>

Table 8A.2

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

	Unit	NSW (c)	Vic (d)	Qld (e)	WA	SA (f)	Tas (g)	ACT (h)	NT (i)	Aust
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
<b>Total other emergencies and incidents</b>	<b>no.</b>	<b>104 075</b>	<b>41 756</b>	<b>45 086</b>	<b>11 842</b>	<b>19 044</b>	<b>5 408</b>	<b>8 480</b>	<b>3 940</b>	<b>239 631</b>
Incident type not reported	no.	3 270	—	428	—	—	329	—	70	4 097
<b>Total fires, other emergencies and incidents</b>	<b>no.</b>	<b>148 839</b>	<b>63 133</b>	<b>62 763</b>	<b>25 703</b>	<b>27 816</b>	<b>9 787</b>	<b>9 485</b>	<b>6 102</b>	<b>353 628</b>
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
<b>Total fires</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
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
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



Table 8A.2

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

	Unit	NSW (c)	Vic (d)	Qld (e)	WA	SA (f)	Tas (g)	ACT (h)	NT (i)	Aust
<b>Total other emergencies and incidents</b>	%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
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
<b>Total fires, other emergencies and incidents</b>	%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
2004-05										
Fires										
Fires in a structure, involving a structure	no.	6 917	5 804	2 424	1 437	1 433	741	279	140	19 175
Landscape fires, bush and grass	no.	17 157	5 823	12 989	7 598	2 877	2 133	217	1 882	50 676
Other fires	no.	18 978	9 110	5 284	4 525	3 405	1 193	546	286	43 327
<b>Total fires</b>	<b>no.</b>	<b>43 052</b>	<b>20 737</b>	<b>20 697</b>	<b>13 560</b>	<b>7 715</b>	<b>4 067</b>	<b>1 042</b>	<b>2 308</b>	<b>113 178</b>
Other emergencies and incidents										
Nonfire rescue calls including road rescue	no.	11 846	7 303	11 769	959	3 324	549	1 285	597	37 632
Hazardous conditions	no.	12 532	6 931	3 046	980	1 557	235	224	152	25 657
Calls to floods, storm and tempest and other natural disasters	no.	6 638	3 155	2 204	734	1 903	319	698	174	15 825
Good intent calls	no.	11 166	9 745	4 260	1 464	1 538	964	436	180	29 753
Malicious false calls	no.	5 338	2 596	1 553	326	588	169	145	114	10 829
System initiated false alarms	no.	47 990	10 357	18 163	7 406	3 870	3 491	4 586	1 740	97 603
Other	no.	9 947	3 822	2 513	284	4 288	290	1 067	455	22 666
<b>Total other emergencies and incidents</b>	<b>no.</b>	<b>105 457</b>	<b>43 909</b>	<b>43 508</b>	<b>12 153</b>	<b>17 068</b>	<b>6 017</b>	<b>8 441</b>	<b>3 412</b>	<b>239 965</b>
<b>Total fires, other emergencies and incidents</b>	<b>no.</b>	<b>148 509</b>	<b>64 646</b>	<b>64 205</b>	<b>25 713</b>	<b>24 783</b>	<b>10 084</b>	<b>9 483</b>	<b>5 720</b>	<b>353 143</b>

Table 8A.2

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

	Unit	NSW (c)	Vic (d)	Qld (e)	WA	SA (f)	Tas (g)	ACT (h)	NT (i)	Aust
Fires										
Fires in a structure, involving a structure	%	16.1	28.0	11.7	10.6	18.6	18.2	26.8	6.1	16.9
Landscape fires, bush and grass	%	39.9	28.1	62.8	56.0	37.3	52.4	20.8	81.5	44.8
Other fires	%	44.1	43.9	25.5	33.4	44.1	29.3	52.4	12.4	38.3
<b>Total fires</b>	%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Other emergencies and incidents										
Nonfire rescue calls including road rescue	%	11.2	16.6	27.1	7.9	19.5	9.1	15.2	17.5	15.7
Hazardous conditions	%	11.9	15.8	7.0	8.1	9.1	3.9	2.7	4.5	10.7
Calls to floods, storm and tempest and other natural disasters	%	6.3	7.2	5.1	6.0	11.1	5.3	8.3	5.1	6.6
Good intent calls	%	10.6	22.2	9.8	12.0	9.0	16.0	5.2	5.3	12.4
Malicious false calls	%	5.1	5.9	3.6	2.7	3.4	2.8	1.7	3.3	4.5
System initiated false alarms	%	45.5	23.6	41.7	60.9	22.7	58.0	54.3	51.0	40.7
Other	%	9.4	8.7	5.8	2.3	25.1	4.8	12.6	13.3	9.4
<b>Total other emergencies and incidents</b>	%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Total fires	%	29.0	32.1	32.2	52.7	31.1	40.3	11.0	40.3	32.0
Total other emergencies and incidents	%	71.0	67.9	67.8	47.3	68.9	59.7	89.0	59.7	68.0
<b>Total fires, other emergencies and incidents</b>	%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Change since 2001-02										
Fires	%	-12.7	-8.1	-12.0	-19.8	-14.9	-4.1	na	na	na
Other emergencies and incidents	%	-27.9	-32.3	-30.9	-57.9	-37.6	-37.3	na	na	-31.7

(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 the ACT and the NT, which report data for either urban or rural fire service organisations (but not both).

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 (f)</i>	<i>Tas (g)</i>	<i>ACT (h)</i>	<i>NT (i)</i>	<i>Aust</i>
(c)	Due to data collection issues, 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 do not include incidents from the Department of Sustainability and Environment. Accordingly, this data refers only to incidents attended by fire agencies. However, for 2004-05, landscape fires data includes 639 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.									
(f)	MFS industrial action: 18/4/05 0800 hrs to 20/06/05 1800 hrs (no incident reports completed during this period)									
(g)	Figures supplied for Tasmania include data provided by <i>all</i> fire brigades, both full-time and volunteer.									
(h)	In the ACT, the January 2003 bushfires included in the 2002-03 data have been counted as one event. Due to a change of AIRS reporting data bases, all incidents from 1-16 August have been classified as 'other' and as such data is slightly inaccurate.									
(i)	Does not include data from Bushfires Council									

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

**Source:** State and Territory governments (unpublished).

Table 8A.3

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

		<i>NSW (b)</i>	<i>Vic</i>	<i>Qld (c)</i>	<i>WA (d)</i>	<i>SA (e)</i>	<i>Tas (f)</i>	<i>ACT (g)</i>	<i>NT (h)</i>	<i>Aust</i>
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	48 877
2004-05	no.	21 014	6 462	12 989	7 962	2 877	2 133	217	1 882	55 536

- (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) 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.
- (d) Data for WA include landscape fires, for which the Department of Conservation and Land Management (CALM) was the lead agency. CALM was the lead agency for 493 landscape fires in 2001-02, 525 in the 2002-03, 353 in the 2003-04, and 364 in 2004-05.
- (e) MFS industrial action : 18/4/05 0800 hrs to 20/06/05 1800 hrs (no incident reports in this period)
- (f) Figures supplied for Tasmania include *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. 2004-05 was a very good fire season, with minimal landscape fires compared with previous years.
- (h) Does not include data from the Bushfires Council.

Source: State and Territory governments (unpublished).

Table 8A.4

Table 8A.4 **Accidental residential structure fires reported to fire service organisations per 100 000 households (a), (b)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld (c)</i>	<i>WA</i>	<i>SA (d)</i>	<i>Tas</i>	<i>ACT</i>	<i>NT (e)</i>	<i>Aust</i>
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
2004-05	131.3	142.4	62.5	76.7	64.7	177.0	89.4	39.7	109.7

- (a) Includes data for both urban and rural fire service organisations in all jurisdictions except the ACT and Queensland, which report data for either urban or rural fire service organisations (but not both).
- (b) The data series for the estimated number of households used in calculations for this table, is currently under review by the ABS. As a result, the series has not been updated recently. Accordingly, the household numbers used in the calculations for this table have remained the same for the last 3 years.
- (c) QFRS Rural Incident Database does not currently record the necessary information to calculate this measure.
- (d) MFS industrial action: 18/4/05 0800 hrs to 20/06/05 1800 hrs (no incident reports completed during this period)
- (e) Does not include data from the Bushfires Council.

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

	Unit (a)	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT	NT (g)	Aust
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
<b>Total</b>	<b>FTE</b>	<b>3 959</b>	<b>2 661</b>	<b>2 634</b>	<b>1 022</b>	<b>818</b>	<b>413</b>	<b>276</b>	<b>178</b>	<b>11 961</b>
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
<b>Total</b>	<b>FTE</b>	<b>4 298</b>	<b>2 831</b>	<b>2 625</b>	<b>1 023</b>	<b>178</b>	<b>421</b>	<b>329</b>	<b>191</b>	<b>11 896</b>
Volunteer firefighters (h)	no.	68 710	61 657	46 534	21 676	17 000	4 866	650	461	221 554
2002-03										
Firefighting personnel	%	80.7	67.1	78.7	74.4	96.6	65.4	74.1	89.7	78.3
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
<b>Total</b>	<b>FTE</b>	<b>4 626</b>	<b>2 884</b>	<b>2 663</b>	<b>1 112</b>	<b>841</b>	<b>422</b>	<b>317</b>	<b>194</b>	<b>13 058</b>
Volunteer firefighters (h)	no.	68 676	58 000	46 677	23 743	12 244	4 912	650	455	215 357

Table 8A.5

Table 8A.5 Fire service organisations' human resources

	Unit (a)	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT	NT (g)	Aust
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
<b>Total</b>	<b>FTE</b>	<b>4 714</b>	<b>3 004</b>	<b>2 704</b>	<b>1 175</b>	<b>872</b>	<b>433</b>	<b>331</b>	<b>214</b>	<b>13 447</b>
Volunteer firefighters (h)	no.	73 059	58 583	44 286	22 328	11 161	4 766	810	521	215 514
2004-05										
Firefighting personnel	%	79.2	71.7	77.9	74.6	96.8	63.7	75.5	96.3	78.5
Firefighting personnel	FTE	3 717	2 172	2 189	892	848	279	270	790	11 157
Permanent firefighters	FTE	3 232	2 172	2 026	864	752	279	270	188	9 783
Part time and other firefighters	FTE	485	—	163	28	96	—	—	602	1 374
Support personnel	FTE	977	859	620	304	28	159	88	30	3 065
<b>Total</b>	<b>FTE</b>	<b>4 694</b>	<b>3 031</b>	<b>2 809</b>	<b>1 196</b>	<b>876</b>	<b>438</b>	<b>358</b>	<b>820</b>	<b>14 222</b>
Volunteer firefighters (h)	no.	73 072	58 662	44 648	28 319	11 307	4 668	1 022	551	222 249

(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 cannot calculate the hours worked and is unable to separate volunteer firefighters from volunteer support personnel.

(d) Queensland firefighting personnel include senior fire officers, Assistant and Deputy Commissioners and the Commissioner. Volunteer firefighter 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. The data include multiskilled emergency service volunteers.

(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.

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>
(g)	NT data for volunteer support personnel relate to the NT Fire and Rescue Service only. Data for part time and other firefighters from 2000-01 to 2002-03 were not available, resulting in an understatement of staff numbers reported.									
(h)	Numbers for fire service organisations include part paid volunteers for all jurisdictions except WA and the ACT. – Nil or rounded to zero.									

Sources: State and Territory governments (unpublished).



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>
Fire deaths, exposure to smoke, fire and flames										
1998	no.	49	23	15	15	10	9	–	6	127
1999	no.	24	17	20	–	9	4	–	–	74
2000	no.	38	25	17	5	3	3	6	3	100
2001	no.	15	8	7	9	11	6	3	6	65
2002	no.	29	24	19	8	8	5	–	3	96
2003	no.	31	12	15	17	7	6	4	–	92
Fire deaths, intentional self-harm by smoke, fire and flames										
1998	no.	8	5	8	3	–	–	–	–	24
1999	no.	8	4	6	–	5	–	–	–	23
2000	no.	17	3	4	–	3	–	–	–	27
2001	no.	11	3	7	3	3	3	3	–	33
2002	no.	13	6	6	3	3	–	–	–	31
2003	no.	10	9	4	3	6	3	–	–	35
Fire deaths, assault by smoke, fire and flames										
1998	no.	–	3	3	–	–	–	–	–	6
1999	no.	3	3	–	–	–	–	–	–	6
2000	no.	3	3	12	3	–	–	–	–	21
2001	no.	–	3	4	–	–	–	–	–	7
2002	no.	3	3	–	–	3	–	–	–	9
2003	no.	3	4	–	–	–	–	–	–	7
Fire deaths, exposure to smoke, fire and flames, undetermined intent										
1998	no.	–	–	–	–	–	–	–	–	–
1999	no.	–	–	3	–	–	–	3	–	6
2000	no.	–	–	3	–	3	–	–	–	6
2001	no.	–	–	–	–	–	–	–	–	–
2002	no.	–	–	–	–	–	–	–	–	–
2003	no.	–	–	–	–	–	–	–	–	–
Total fire deaths										
1997	no.	39	24	33	18	16	7	3	–	140
1998	no.	57	31	26	18	10	9	–	6	157
1999	no.	35	24	29	–	14	4	3	–	109
2000	no.	58	31	36	8	9	3	6	3	154
2001	no.	26	14	18	12	14	9	6	6	105
2002	no.	45	33	25	11	14	5	–	3	136
2003	no.	44	25	19	20	13	9	4	–	134

Table 8A.6

Table 8A.6		Fire deaths (a), (b)								
	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
Annual fire death rate										
1997	per million	6.2	5.2	9.7	10.0	10.8	14.8	9.7	–	7.6
1998	per million	9.0	6.7	7.5	9.9	6.7	19.1	–	31.6	8.4
1999	per million	5.5	5.1	8.3	–	9.3	8.5	9.6	–	5.8
2000	per million	8.9	6.5	10.1	4.3	6.0	6.4	19.0	15.3	8.0
2001	per million	4.0	2.9	5.0	6.3	9.3	19.1	18.8	30.3	5.4
2002	per million	6.8	6.8	6.7	5.7	9.2	10.6	–	15.1	6.9
2003	per million	6.6	5.1	5.0	10.3	8.5	18.9	12.4	–	6.7
Three year average fire death rate										
1997-1999	per million	6.9	5.7	8.5	6.6	9.0	14.1	6.4	10.5	7.2
1998-2000	per million	7.8	6.1	8.7	4.7	7.3	11.3	9.6	15.6	7.4
1999-2001	per million	6.1	4.8	7.8	3.6	8.2	11.3	15.8	15.4	6.4
2000-2002	per million	6.5	5.4	7.2	5.4	8.2	12.0	12.6	20.3	6.8
2001-2003	per million	5.8	4.9	5.6	7.4	9.0	16.2	10.4	15.1	6.4
Population (c)										
Jun 1997	m	6.3	4.6	3.4	1.8	1.5	0.5	0.3	0.2	18.5
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
Jun 2003	m	6.7	4.9	3.8	1.9	1.5	0.5	0.3	0.2	19.9

(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. Also, cells in this table have been randomly adjusted to avoid the release of confidential data.

(c) Population estimates at 30 June.

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										
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	np	np	np	2 505
2003-04	no.	921	499	534	307	245	np	np	np	2 506
Fire injury rate										
1999-2000	per 100 000 persons	13.3	9.4	18.3	19.0	16.4	13.2	7.3	59.8	14.4
2000-01	per 100 000 persons	14.1	9.1	17.0	19.7	16.9	7.4	4.1	51.6	14.2
2001-02	per 100 000 persons	14.6	10.5	18.8	18.8	16.1	13.1	7.5	53.4	15.1
2002-03	per 100 000 persons	12.7	10.9	14.5	15.7	17.2	np	np	np	12.6
2003-04	per 100 000 persons	13.7	10.0	13.8	15.5	16.0	np	np	np	12.5
Three year average										
1999-2000 to 2001-2002	per 100 000 persons	14.2	9.8	18.4	19.4	16.6	11.2	6.3	55.5	14.8
2000-01 to 2002-03	per 100 000 persons	13.9	10.3	17.1	18.3	16.8	na	na	na	14.2
2001-2002 to 2003-04	per 100 000 persons	13.8	10.6	16.0	16.9	16.5	na	na	na	13.6

Table 8A.7

Table 8A.7 Fire injuries (a), (b)

Population (c)	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
Jun 1999	million persons	6.4	4.7	3.5	1.8	1.5	0.5	0.3	0.2	18.9
Jun 2000	million persons	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Jun 2001	million persons	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Jun 2002	million persons	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Jun 2003	million persons	6.7	4.9	3.8	1.9	1.5	0.5	0.3	0.2	19.9
Jun 2004	million persons	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1

(a) Fire injuries are defined as the number of persons admitted to public and private hospitals with fire related injuries. 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 AIHW 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 2004 have been used as the population estimate for 2003-04.

np Not published. – 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 **Median dollar loss from structure fire (2004-05 dollars) (a), (b)**

	<i>NSW (c)</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (d)</i>	<i>ACT (e)</i>	<i>NT (f)</i>
Median dollar loss per structure fire								
2000-01	2 169	542	2 169	3 254	2 169	4 338	1 085	2 169
2001-02	2 198	549	1 099	3 297	5 495	3 571	1 099	5 495
2002-03	2 116	635	1 058	2 646	4 233	5 291	2 116	5 291
2003-04	2 058	617	2 058	3 086	3 086	3 601	2 058	2 829
2004-05	2 000	1 000	2 000	3 000	5 000	4 000	1 300	2 000

- (a) Dollar loss values adjusted using the ABS GDP price deflator 2004-05 = 100 (table A.26) to arrive at a constant price measure. 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, 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, 2000-01 data are derived 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) Figures supplied for Tasmania include data provided by *all* fire brigades, both full-time and volunteer.
- (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.
- (f) Data does not include data from the Bushfires Council.

Source: State and Territory governments (unpublished).

Table 8A.9

Table 8A.9 **Total property loss from structure fire (2004-05 dollars per person)**  
**(a), (b), (c)**

	Unit	NSW (c)	Vic (d)	Qld (e)	WA	SA	Tas (f)	ACT (g)	NT (h)	Aust (i)
<b>Total property loss from structure fire</b>										
2000-01	\$	na	23	23	21	13	68	16	7	23
2001-02	\$	37	22	32	30	19	20	10	20	34
2002-03	\$	25	14	28	24	26	22	25	17	23
2003-04	\$	28	22	24	22	20	43	26	11	24
2004-05	\$	27	37	25	23	29	49	20	16	30
Three year average										
2000-01 to 2002-03	\$	31	20	28	25	19	37	17	15	27
2001-02 to 2003-04	\$	30	19	28	25	22	28	20	16	27
2002-03 to 2004-05	\$	27	24	26	23	25	38	24	15	26

- (a) Total property loss values adjusted using ABS GDP price deflator 2004-05 = 100 (table A.26) to arrive at a constant price measure. 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, the ACT and the NT, which report data for either urban or rural fire service organisations (but not both).
- (c) NSW data are for NSW Fire Brigades only, but include responses to calls outside NSW Fire Brigades designated fire districts. Due to data collection issues, 2000-01 data are derived 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) Total property loss from structure fires in Victoria in 2004-05 was higher than the previous year, due to a number of fires with significant levels of individual loss.
- (e) For Queensland, data for all years except 2003-04 and 2004-05 exclude incidents solely attended by the Rural Fire Services. Incidents with missing or nil dollar losses have been excluded.
- (f) Figures supplied for Tasmania include data provided by *all* fire brigades, both full time and volunteer. Due to small population size, figures are affected by single large-loss events. Significant increases have also been experienced due to rapidly rising property prices.
- (g) In the ACT, 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) Does not include data from the Bushfires Council.
- (i) 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 persons (a)**

	<i>Unit</i>	<i>NSW (b)</i>	<i>Vic</i>	<i>Qld (c)</i>	<i>WA</i>	<i>SA</i>	<i>Tas (d)</i>	<i>ACT (e)</i>	<i>NT (f)</i>	<i>Aust (g)</i>
Incidents per 100 000 persons										
2000-01		690	522	656	912	549	976	612	1 553	667
2001-02		746	468	558	886	616	882	557	1 964	658
2002-03		706	500	563	762	585	1 000	479	1 288	633
2003-04		621	435	454	710	574	849	311	1 055	553
2004-05		640	417	533	684	503	844	322	1 155	563
Population (h)										
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	1.9	1.5	0.5	0.3	0.2	19.9
2004-05	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1

(a) Total fire incidents data include landscape fire incidents attended by fire service organisations.

(b) Due to data collection issues, 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 was due to the expansion of the incident reporting system to all NSW Rural Fire Districts.

(c) Complete 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.

(d) Figures supplied for Tasmania include data provided by all fire brigades, both full-time and volunteer.

(e) Includes data for urban and rural fire service organisations in the ACT.

(f) Does not include data from the Bushfires Council.

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

(h) Population data relate to 30 June, so that estimated resident population at 30 June 2004 is used as the denominator for 2004-05.

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)**

	<i>Unit</i>	<i>NSW (b)</i>	<i>Vic (c)</i>	<i>Qld (d)</i>	<i>WA (e)</i>	<i>SA</i>	<i>Tas (f)</i>	<i>ACT NT (g)</i>	<i>Aust</i>	
August 1998 to May 1999										
Estimated households with a smoke alarm/detector	'000	1 355	1 518	674	318	443	144	74	19	4 544
Estimated households with a smoke alarm/detector	%	58.3	87.9	53.2	46.2	75.8	78.3	68.2	35.3	65.6
Standard error	%	2.3	1.4	2.5	3.4	3.0	2.4	2.3	6.0	0.7
<b>Total households</b>	<b>'000</b>	<b>2 322</b>	<b>1 726</b>	<b>1 266</b>	<b>688</b>	<b>585</b>	<b>185</b>	<b>108</b>	<b>52</b>	<b>6 932</b>
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
<b>Total households</b>	<b>'000</b>	<b>2 341</b>	<b>1 728</b>	<b>1 282</b>	<b>674</b>	<b>579</b>	<b>183</b>	<b>109</b>	<b>53</b>	<b>6 948</b>
August 1999 to May 2000 (h)										
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
<b>Total households</b>	<b>'000</b>	<b>2 356</b>	<b>1 749</b>	<b>1 339</b>	<b>695</b>	<b>580</b>	<b>186</b>	<b>114</b>	<b>52</b>	<b>7 072</b>
February 2000 to November 2000 (h)										
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
<b>Total households</b>	<b>'000</b>	<b>2 355</b>	<b>1 751</b>	<b>1 337</b>	<b>700</b>	<b>586</b>	<b>187</b>	<b>113</b>	<b>50</b>	<b>7 080</b>
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	63.0	na
2004-05	%	71.6	95.5	72.6	70.0	na	na	na	63.0	0.0

(a) Data from 2001-02 onwards are sourced from jurisdictional collections following the cessation of the Population Survey Monitor (PSM) in 2001. They are not strictly comparable with the PSM data due to methodological differences.



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

	<i>Unit</i>	<i>NSW (b)</i>	<i>Vic (c)</i>	<i>Qld (d)</i>	<i>WA (e)</i>	<i>SA Tas (f)</i>	<i>ACT NT (g)</i>	<i>Aust</i>
(b)	The data for 2004-05 are sourced from the NSW Population Health Survey (HOIST), Centre for Epidemiology and Research, NSW Department of Health and represents the full 12 month period of 2004. The proportion of respondents reporting having smoke alarms installed in their home increased significantly from 1997 (58.2 per cent) and 1998 (64.0 per cent) to 2004 (71.6 per cent). The prevalence for 2004 is less than that reported for 2003 (72.8 per cent) and 2002 (73.0 per cent), however, the proportions are not significantly different in that the 95 per cent confidence interval for 2004 (70.1 per cent to 72.9 per cent) overlap with the confidence intervals for 2003 (71.1 per cent to 72.9 per cent) and 2002 (71.9 per cent to 74.1 per cent). Because the data is collected on a sample of the population the 95 per cent confidence interval provides a range of values that should contain the actual value for the population 95 per cent of the time. In general, a wider confidence interval reflects less certainty in the indicator value.							
(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. 2004-05 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 2004 Queensland Household Survey. The figure is an estimate for the whole population of Queensland.							
(e)	2002-03 data collected by market research organisation (random telephone survey with residents of Perth households). 2003-04 market research also a telephone survey, covering metropolitan and country residents. Apparent fall in percentage for 2004-05 data reflects more stringent survey design and collection by the Australian Bureau of Statistics: ABS Home Safety and Security, Western Australia, 4526.5.55.001, April 2005. Data collected October 2004.							
(f)	No data available.							
(g)	Survey conducted by NTFRS through the annual Territory wide Show Circuit.							
(h)	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.							
	<b>na</b> Not available.							

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

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>
	'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
<b>Total households</b>	<b>6 932</b>	<b>0.7</b>	<b>86.1</b>
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
<b>Total households</b>	<b>6 948</b>	<b>0.7</b>	<b>88.0</b>
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
<b>Total households</b>	<b>7 072</b>	<b>0.7</b>	<b>88.4</b>
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
<b>Total households</b>	<b>7 080</b>	<b>0.7</b>	<b>89.4</b>
2001-02 Victoria (d)			
Operational smoke alarm installed	na	na	95.1
Fire extinguisher	na	na	32.8
Fire blanket	na	na	20.6
Home escape plan	na	na	11.0
<b>Total households</b>	<b>na</b>	<b>na</b>	<b>na</b>
2001-02 Queensland (d), (e)			
Operational smoke alarm installed	na	na	71.9
Fire extinguisher	na	na	33.4
Fire blanket	na	na	15.8
Home escape plan	na	na	45.8
<b>Total households</b>	<b>na</b>	<b>na</b>	<b>na</b>
2004-05 Queensland (e)			
Operational smoke alarm installed	na	na	72.6

(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.

**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>
(c) Data from 2001-02 onwards are sourced from jurisdictional collections following the cessation of the Population Survey Monitor (PSM) in 2001. They are not strictly comparable with the PSM data due to methodological differences.			
(d) Data disaggregated to several fire safety measures were collected for Victoria and Queensland only for periods after 2000. 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. 2004-05 data is based on the results of the most recent survey conducted in April 2004.			
(e) Data collected by the Office of Economic and Statistical Research as part of the November 2004 Queensland Household Survey. This figure is an estimate for the whole population of Queensland.			

**na** Not available.

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

Table 8A.13

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

	<i>NSW</i> (c)	<i>Vic</i>	<i>Qld</i> (d)	<i>WA</i>	<i>SA</i>	<i>Tas</i> (e)	<i>ACT</i> (f)	<i>NT</i> (g)
50th percentile								
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
2004-05	7.0	6.0	6.9	8.7	7.0	8.2	5.8	5.5
90th percentile								
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
2004-05	12.4	9.3	13.9	17.1	12.1	16.5	10.7	11.9

- (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 2000-01 and 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, 2000-01 data are derived from a sample representing 85 per cent of the incidents. Data for 2002-03 and onwards include responses from the NSW Fire Brigades and NSW Rural Fire Service.
- (d) Response times for QFRS Rural brigade crews are not included as response times are not recorded in 97 per cent of incidents. QFRS did not capture data on whether vehicles travelled under normal road conditions or as emergency calls, therefore all structural fire incidents are included. Only primary exposure incidents with completed geocodes and response times are included.
- (e) Data for 2000-01 excluded volunteer brigades. For all other years, figures include data provided by *all* fire brigades, both full-time and volunteer.
- (f) In the ACT, data for 2001-02 are adjusted to combine manual and automatic timing data.
- (g) Does not include data from the Bushfires Council.

Source: State and Territory governments (unpublished).

Table 8A.14

Table 8A.14 **Structure fires and response times to structure fires across geographic areas (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
<b>All areas</b>	<b>no.</b>	<b>6 932</b>	<b>5 365</b>	<b>2 335</b>	<b>1 291</b>	<b>1 781</b>	<b>758</b>	<b>280</b>	<b>130</b>
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	5.9	na	5.8	12.0	11.0	16.7	na	9.3
<b>All areas</b>	<b>minutes</b>	<b>5.9</b>	<b>5.5</b>	<b>6.4</b>	<b>8.0</b>	<b>7.0</b>	<b>8.1</b>	<b>5.0</b>	<b>5.4</b>
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
<b>All areas</b>	<b>minutes</b>	<b>10.5</b>	<b>8.6</b>	<b>10.9</b>	<b>13.0</b>	<b>11.0</b>	<b>15.4</b>	<b>9.0</b>	<b>14.0</b>
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
<b>All areas</b>	<b>no.</b>	<b>6 883</b>	<b>5 632</b>	<b>2 476</b>	<b>1 123</b>	<b>1 694</b>	<b>744</b>	<b>245</b>	<b>119</b>
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	10.3	na	5.2
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
<b>All areas</b>	<b>minutes</b>	<b>7.0</b>	<b>6.0</b>	<b>6.7</b>	<b>8.6</b>	<b>7.0</b>	<b>8.2</b>	<b>5.4</b>	<b>5.1</b>

Table 8A.14

Table 8A.14 **Structure fires and response times to structure fires across geographic areas (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
<b>All areas</b>	<b>minutes</b>	<b>12.6</b>	<b>9.1</b>	<b>12.9</b>	<b>15.5</b>	<b>12.0</b>	<b>16.6</b>	<b>8.7</b>	<b>14.5</b>
2004-05									
Structure fires									
Major cities	no.	4 203	4 199	1 100	937	932	na	279	–
Inner regional	no.	1 314	1 023	634	139	174	487	na	–
Outer regional	no.	892	258	382	98	206	230	na	78
Remote	no.	166	7	73	40	45	18	na	50
Very remote	no.	45	..	25	na	11	2	na	12
<b>All areas</b>	<b>no.</b>	<b>6 620</b>	<b>5 487</b>	<b>2 214</b>	<b>1 214</b>	<b>1 368</b>	<b>737</b>	<b>279</b>	<b>140</b>
50th percentile									
Major cities	minutes	6.0	5.9	6.3	8.0	7.0	na	5.8	0.0
Inner regional	minutes	8.6	7.0	7.2	13.0	9.0	7.5	na	na
Outer regional	minutes	9.0	7.0	8.1	10.0	9.0	10.6	na	5.0
Remote	minutes	7.8	na	9.6	12.0	8.0	15.8	na	5.0
Very remote	minutes	7.1	na	7.6	na	12.0	25.5	na	6.4
<b>All areas</b>	<b>minutes</b>	<b>7.0</b>	<b>6.0</b>	<b>6.9</b>	<b>8.7</b>	<b>7.0</b>	<b>8.2</b>	<b>5.8</b>	<b>5.5</b>
90th percentile									
Major cities	minutes	9.7	8.4	10.4	13.0	10.0	na	10.7	na
Inner regional	minutes	15.4	13.1	17.0	29.0	17.5	12.3	na	na
Outer regional	minutes	20.5	15.2	21.7	35.0	16.0	22.4	na	11.3
Remote	minutes	19.0	na	50.3	29.0	18.4	22.3	na	7.2
Very remote	minutes	10.8	na	30.2	na	37.0	28.0	na	17.1
<b>All areas</b>	<b>minutes</b>	<b>12.4</b>	<b>9.3</b>	<b>13.9</b>	<b>17.1</b>	<b>12.1</b>	<b>16.5</b>	<b>10.7</b>	<b>11.9</b>

- (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 differ from that in Table 8A.2 because some jurisdictions have excluded reports with incomplete time details.
- (c) NSW data for 2000-01 and 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, 2000-01 data are derived from a sample representing 85 per cent of the incidents. Data for 2002-03 and onwards include responses from the NSW Fire Brigades and NSW Rural Fire Service.
- (d) 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.

**Table 8A.14 Structure fires and response times to structure fires across geographic areas (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>
(e)	Response times for QFRS Rural brigade crews are not included as response times are not recorded in 97 per cent of incidents. QFRS did not capture data on whether vehicles travelled under normal road conditions or as emergency calls, therefore all structural fire incidents are included. Only primary exposure incidents with completed geocodes and response times are included.								
(f)	WA data are uniformly consistent with the nationally agreed definition. Response times outside the metropolitan area are often impacted by travel time from volunteer's home or place of work to station, then to the incident.								
(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)	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, data for 2001-02 are adjusted to combine manual and automatic timing data.								
(j)	Does not include data from the Bushfires Council.								

**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)**

	<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 (g)</i>	<i>Aust (f)</i>
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
2004-05	70.7	76.5	66.9	69.3	64.0	64.7	78.0	59.0	72.6

- (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 are for the NSW Fire Brigades only, but include responses to fires outside NSW Fire Brigades designated fire districts.
- (c) Victorian data for 2000-01 and 2001-02 exclude the Country Fire Authority. Data from 2002-03 to 2004-05 include the Country Fire Authority.
- (d) QFRS Rural Incident Database does not currently record the necessary information to calculate this measure.
- (e) SA data exclude the Country Fire Service.
- (f) Figures include data provided by all fire brigades, both full-time and volunteer.
- (g) NT data exclude the Bushfires Council.
- (h) 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 Fire service organisations' costs (\$'000) (2004-05 dollars), (a)

	NSW	Vic (b)	Qld (c)	WA	SA (d)	Tas	ACT (e)	NT (f)	Total
2000-01									
Labour costs									
Salaries and payments in the nature of salaries	290 492	185 633	162 412	70 659	62 018	22 892	21 442	14 352	829 900
Payroll tax	17 148	9 656	7 464	na	2 749	1 472	na	849	39 339
Capital costs (g)									
Depreciation	24 163	26 503	21 178	6 564	6 734	–	1 171	–	86 313
User cost of capital									
Land	6 051	7 792	2 966	2 050	942	464	302	1 141	21 707
Other assets	20 656	34 077	14 943	6 339	8 639	4 304	2 388	928	92 274
Other costs (h)	157 059	101 342	64 016	29 298	44 922	12 296	8 997	4 973	422 901
Interest on borrowings	3	1 084	2 342	3 555	–	537	377	–	7 898
<b>Total costs (i)</b>	<b>492 369</b>	<b>347 555</b>	<b>262 549</b>	<b>112 860</b>	<b>122 313</b>	<b>39 492</b>	<b>33 998</b>	<b>20 253</b>	<b>1 431 389</b>
2001-02									
Labour costs									
Salaries and payments in the nature of salaries	320 669	191 831	166 098	69 341	60 655	23 681	24 484	13 497	870 257
Payroll tax	18 207	9 326	7 549	na	3 129	1 449	na	800	40 461
Capital costs (g)									
Depreciation	24 319	33 853	24 849	6 966	10 000	3 312	1 433	963	105 695
User cost of capital									
Land	5 744	9 963	3 375	2 065	1 293	454	334	1 665	24 893
Other assets	48 133	39 649	17 842	6 292	9 789	4 340	2 120	666	128 831
Other costs (h)	218 834	99 258	65 925	31 671	46 069	13 884	8 391	3 293	487 326
Interest on borrowings	34	799	1 711	3 179	1	364	305	–	6 394
<b>Total costs (i)</b>	<b>611 954</b>	<b>364 591</b>	<b>274 714</b>	<b>114 270</b>	<b>126 514</b>	<b>45 217</b>	<b>36 429</b>	<b>18 419</b>	<b>1 592 109</b>

Table 8A.16

Table 8A.16 Fire service organisations' costs (\$'000) (2004-05 dollars), (a)

	NSW	Vic (b)	Qld (c)	WA	SA (d)	Tas	ACT (e)	NT (f)	Total
2002-03									
Labour costs									
Salaries and payments in the nature of salaries	341 086	205 808	167 823	70 555	67 281	26 191	27 029	13 835	919 607
Payroll tax	18 499	10 082	7 691	na	3 041	1 578	na	959	41 850
Capital costs (g)									
Depreciation	25 466	34 003	23 078	7 293	11 342	3 605	1 488	1 346	107 621
User cost of capital									
Land	5 564	11 595	3 851	1 580	1 618	448	892	21	25 569
Other assets	21 969	40 847	18 925	5 082	16 267	4 639	2 575	1 435	111 738
Other costs (h)	278 412	115 694	85 289	32 292	40 198	15 281	9 641	6 268	583 075
Interest on borrowings	55	581	1 117	3 316	719	353	-	-	6 141
<b>Total costs (i)</b>	<b>666 933</b>	<b>396 352</b>	<b>295 116</b>	<b>115 222</b>	<b>135 087</b>	<b>49 715</b>	<b>40 733</b>	<b>22 883</b>	<b>1 722 041</b>
2003-04									
Labour costs									
Salaries and payments in the nature of salaries	377 928	226 111	172 298	70 689	63 221	25 592	27 390	14 494	977 723
Payroll tax	20 332	11 506	7 752	na	3 109	1 523	na	864	45 086
Capital costs (g)									
Depreciation	28 669	37 057	21 790	7 442	15 932	3 846	1 489	1 234	117 460
User cost of capital									
Land	9 767	10 978	3 963	2 015	1 716	448	781	253	29 921
Other assets	23 972	37 902	20 830	5 572	15 311	4 561	2 612	1 271	112 031
Other costs (h)	162 838	121 075	90 420	32 561	40 161	13 524	8 532	6 634	475 745
Interest on borrowings	97	59	698	4 313	70	303	-	-	5 540
<b>Total costs (i)</b>	<b>593 407</b>	<b>422 146</b>	<b>305 338</b>	<b>116 264</b>	<b>134 625</b>	<b>47 523</b>	<b>40 023</b>	<b>23 633</b>	<b>1 682 959</b>

Table 8A.16

Table 8A.16 Fire service organisations' costs (\$'000) (2004-05 dollars), (a)

	NSW	Vic (b)	Qld (c)	WA	SA (d)	Tas	ACT (e)	NT (f)	Total
2004-05									
Labour costs									
Salaries and payments in the nature of salaries	386 387	243 127	178 756	64 498	70 954	27 075	30 787	17 257	1 018 841
Payroll tax	19 579	12 527	8 073	na	3 427	1 456	na	957	46 019
Capital costs (g)									
Depreciation	31 369	36 873	23 168	5 878	17 610	3 974	1 642	1 464	121 978
User cost of capital									
Land	9 407	11 810	5 550	2 201	2 042	533	661	364	32 568
Other assets	24 945	46 417	21 601	5 839	16 067	5 138	2 364	1 406	123 777
Other costs (h)	160 395	121 187	78 156	36 701	41 941	12 172	11 407	6 191	468 150
Interest on borrowings	—	—	—	—	—	—	—	—	—
<b>Total costs (i)</b>	<b>603 096</b>	<b>447 604</b>	<b>301 681</b>	<b>112 916</b>	<b>146 572</b>	<b>48 359</b>	<b>46 200</b>	<b>26 318</b>	<b>1 732 746</b>

(a) Cost levels are adjusted using the Australian Bureau of Statistics (ABS) GDP price deflator 2004-05 = 100 (table A.26) to arrive at a constant price measure. 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) Funding for a special resources initiative was first included in Victorian data for 2000-01. There was an increase in the value of land and other assets due to revaluations for MFB. There was an increase in expenditure due to expenditure on appliance replacement and building alterations for MFB. Payroll costs for firefighters increased due to a 6.5 per cent salary increase. There was an increase in the payroll for support staff due to a 3 per cent wage increase, additional temporary staff costs, increased support staff numbers, increased leave and oncost provisions and FBT. MFB user cost of capital increase is related to June 2005 revaluations of \$34 million and the 8 per cent cost of capital calculation. Increase in other revenue is due to recharges to CFA (approximately \$2.5 million) for fibre optic communications/ICS support (SAP etc). Training costs for CFA do not represent the total training costs. Personnel and other costs associated with this item are included under other expense headings.

(c) Queensland data for 2000-01 exclude the Rural Fire Service. Land value was adjusted for 2001-02 so user cost of capital data will differ from 2000-01. Other costs in 2002-03 and 2003-04 include a 6 per cent equity return funded by the State Government, equal to \$15 million in 2002-03 and \$17 million in 2003-04. However, a Whole of Government decision in 2004-05 eliminated the equity return expense performance management regime and related funding with effect from 1 July 2004. This has resulted in a reduction of \$18 million in both revenues and expenses in 2004-05.

(d) SA payroll tax amounts for 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.

Table 8A.16 Fire service organisations' costs (\$'000) (2004-05 dollars), (a)

	NSW	Vic (b)	Qld (c)	WA	SA (d)	Tas	ACT (e)	NT (f)	Total
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(e) Data prior to 2002-03 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.

(f) The NT used cost based accounting in 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).

(g) 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.

(h) Includes the running, training and maintenance costs.

(i) Excludes the user cost of capital associated with land, interest on borrowings and payroll tax.

na Not available. – Nil or rounded to zero.

Source: State and Territory governments (unpublished).

Table 8A.17

Table 8A.17 Fire service organisations' expenditure per 1000 people (2004-05 dollars) (a), (b)

	Unit	NSW (c)	Vic (d)	Qld	WA (e)	SA	Tas	ACT	NT	Aust
2000-01										
Total	\$m	492.4	347.6	262.5	112.9	122.3	39.5	34.0	20.3	1 431.4
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$	75 910	73 303	73 718	60 209	81 269	83 775	107 856	103 562	74 733
2001-02										
Total	\$m	612.0	364.6	274.7	114.3	126.5	45.2	36.4	18.4	1 592.1
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$	93 070	75 882	75 701	60 105	83 688	95 841	114 084	93 134	82 011
2002-03										
Total	\$m	666.9	396.4	295.1	115.2	135.1	49.7	40.7	22.9	1 722.0
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 1000 people	\$	100 531	81 600	79 525	59 869	88 949	105 191	126 693	115 186	87 676
2003-04										
Total	\$m	593.4	422.1	305.3	116.3	134.6	47.5	40.0	23.6	1 683.0
Population	m	6.7	4.9	3.8	1.9	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	88 806	85 952	80 330	59 624	88 204	99 566	123 771	119 030	84 687
2004-05										
Total	\$m	603.1	447.6	301.7	112.9	146.6	48.4	46.2	26.3	1 732.7
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$	89 596	90 011	77 712	56 965	95 533	100 303	142 583	131 647	86 158

(a) Expenditure levels are adjusted using the Australian Bureau of Statistics (ABS) GDP price deflator 2004-05 = 100 (table A.26) to arrive at a constant price measure. 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) 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.

Table 8A.17 Fire service organisations' expenditure per 1000 people (2004-05 dollars) (a), (b)

Unit	NSW (c)	Vic (d)	Qld	WA (e)	SA	Tas	ACT	NT	Aust
(c)	NSW Fire Service organisation data for 2004-05 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. There was an increase in the value of land and other assets due to revaluations for MFB. There was an increase in expenditure due to expenditure on appliance replacement and building alterations for MFB. Payroll costs for firefighters increased due to a 6.5 per cent salary increase. There was an increase in the payroll for support staff due to a 3 per cent wage increase, additional temporary staff costs, increased support staff numbers, increased leave and oncost provisions and FBT. MFB user cost of capital increase is related to June 2005 revaluations of \$34 million and the 8 per cent cost of capital calculation. Increase in other revenue is due to recharges to CFA (approximately \$2.5 million) for fibre optic communications/ICS support (SAP etc). Training costs for CFA do not represent the total training costs. Personnel and other costs associated with this item are included under other expense headings.								
(e)	A property-based Emergency Services Levy (ESL) was introduced in WA on 1 July 2003; insurance levies ended on 31 December 203. For this transitional year, 2003-04 funding includes part fire levy and part ESL. The first full year of ESL funding was 2004-05.								

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

Table 8A.18

Table 8A.18 **Fire service organisations' funding per 1000 people (2004-05 dollars) (a), (b)**

		<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
<b>Total government grants</b>											
2000-01											
Total	\$m		118.7	102.4	46.5	40.4	0.5	4.8	20.6	21.7	355.5
Population	m		6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$		18 293	21 594	13 058	21 577	330	10 114	65 306	110 899	18 562
2001-02											
Total	\$m		115.5	99.7	45.3	39.4	0.5	4.6	20.0	21.1	346.1
Population	m		6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$		17 568	20 745	12 477	20 711	319	9 838	62 761	106 759	17 829
2002-03											
Total	\$m		127.8	101.3	63.8	39.1	0.1	6.3	27.1	14.9	380.4
Population	m		6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 1000 people	\$		19 271	20 859	17 180	20 292	63	13 391	84 418	74 787	19 367
2003-04											
Total	\$m		109.1	96.0	63.6	1.2	0.4	5.2	29.3	14.9	319.7
Population	m		6.7	4.9	3.8	1.9	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$		16 334	19 553	16 739	594	230	10 942	90 603	74 858	16 087
2004-05											
Total	\$m		151.0	104.3	49.9	15.3	0.1	5.8	34.2	18.7	379.2
Population	m		6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$		22 427	20 965	12 850	7 724	72	11 978	105 555	93 446	18 854
<b>Total levies</b>											
2000-01											
Total	\$m		346.9	227.3	209.2	60.5	117.5	30.2	0.0	0.0	991.7
Population	m		6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$		53 480	47 948	58 730	32 287	78 082	64 110	–	–	51 774
2001-02											
Total	\$m		337.7	221.3	203.6	58.9	114.4	29.4	0.0	0.0	965.4
Population	m		6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$		51 360	46 063	56 114	30 991	75 680	62 362	–	–	49 729
2002-03											
Total	\$m		407.7	274.1	218.6	63.2	119.8	37.2	0.0	0.0	1 120.7
Population	m		6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 1000 people	\$		61 458	56 438	58 899	32 864	78 901	78 701	–	–	57 059
2003-04											
Total	\$m		441.3	315.0	222.0	116.1	126.6	36.0	0.0	0.0	1 257.0
Population	m		6.7	4.9	3.8	1.9	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$		66 046	64 134	58 408	59 558	82 920	75 417	–	–	63 253

Table 8A.18

Table 8A.18 **Fire service organisations' funding per 1000 people (2004-05 dollars) (a), (b)**

		<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
<b>2004-05</b>											
Total	\$m		433.8	329.1	224.9	96.0	127.0	35.4	0.0	0.0	1 246.2
Population	m		6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$		64 445	66 182	57 929	48 434	82 752	73 503	–	–	61 965
<b>User charges</b>											
<b>2000-01</b>											
Total	\$m		11.1	17.7	10.7	4.1	3.6	6.1	7.0	1.5	61.8
Population	m		6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$		1 708	3 734	3 000	2 179	2 385	12 994	22 232	7 546	3 224
<b>2001-02</b>											
Total	\$m		11.6	13.4	11.7	2.0	4.4	6.2	0.1	0.5	49.9
Population	m		6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$		1 770	2 782	3 214	1 031	2 920	13 133	432	2 587	2 570
<b>2002-03</b>											
Total	\$m		11.3	13.0	11.3	1.9	4.3	6.0	0.1	0.5	48.4
Population	m		6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 1000 people	\$		1 703	2 672	3 052	989	2 823	12 732	416	2 501	2 467
<b>2003-04</b>											
Total	\$m		19.1	16.8	16.8	1.3	2.7	6.7	4.1	1.4	68.9
Population	m		6.7	4.9	3.8	1.9	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$		2 861	3 411	4 414	691	1 747	13 992	12 598	7 301	3 465
<b>2004-05</b>											
Total	\$m		19.9	14.9	15.5	2.1	2.8	6.4	6.8	1.6	70.0
Population	m		6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$		2 958	2 993	3 981	1 048	1 839	13 328	20 937	8 008	3 479
<b>Miscellaneous revenue</b>											
<b>2000-01</b>											
Total	\$m		9.8	3.5	4.0	4.7	3.3	1.3	0.4	0.5	27.4
Population	m		6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$		1 504	729	1 132	2 495	2 202	2 751	1 286	2 508	1 432
<b>2001-02</b>											
Total	\$m		72.5	11.2	7.1	2.5	2.2	1.8	0.4	0.0	97.7
Population	m		6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$		11 024	2 330	1 952	1 325	1 479	3 779	1 184	162	5 033
<b>2002-03</b>											
Total	\$m		70.4	10.9	6.9	2.4	2.2	1.7	0.4	0.0	94.9
Population	m		6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 1000 people	\$		10 610	2 238	1 853	1 271	1 430	3 663	1 142	156	4 831
<b>2003-04</b>											
Total	\$m		21.8	23.5	6.0	2.4	4.9	2.1	2.5	0.1	63.4



Table 8A.18

Table 8A.18 **Fire service organisations' funding per 1000 people (2004-05 dollars) (a), (b)**

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
Population	m	6.7	4.9	3.8	1.9	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	3 268	4 783	1 584	1 251	3 208	4 491	7 656	372	3 189
2004-05										
Total	\$m	17.4	23.7	6.0	1.9	3.0	1.9	0.2	0.4	54.3
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$	2 580	4 756	1 555	959	1 932	3 843	562	1 756	2 700
<b>Indirect government funding</b>										
2000-01										
Total	\$m	–	–	–	–	–	–	14.2	0.3	14.5
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$	–	–	–	–	–	–	45 169	1 303	757
2001-02										
Total	\$m	–	–	–	–	–	–	3.0	–	3.0
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$	–	–	–	–	–	–	9 512	–	156
2002-03										
Total	\$m	–	–	–	–	–	–	2.9	–	2.9
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 1000 people	\$	–	–	–	–	–	–	9 174	–	150
2003-04										
Total	\$m	–	–	–	–	–	na	3.2	–	3.2
Population	m	6.7	4.9	3.8	1.9	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	–	–	–	–	–	na	9 921	–	161
2004-05										
Total	\$m	–	–	–	–	–	–	2.3	–	2.3
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$	–	–	–	–	–	–	7 086	–	114

(a) Funding levels are adjusted using the Australian Bureau of Statistics (ABS) GDP price deflator 2004-05 = 100 (table A.26) to arrive at a constant price measure.

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

(c) NSW Fire Services data for 2004-05 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. There was an increase in the value of land and other assets due to revaluations for MFB. There was an increase in expenditure due to expenditure on appliance replacement and building alterations for MFB. Payroll costs for firefighters increased due to a 6.5 per cent salary increase. There was an increase in the payroll for support staff due to a 3 per cent wage increase, additional temporary staff costs, increased support staff numbers, increased leave and oncost provisions and FBT. MFB user cost of capital increase is related to June 2005 revaluations of \$34 million and the 8 per cent cost of capital calculation. Increase in other revenue is due to recharges to CFA (approximately \$2.5 million) for fibre optic communications/ICS support (SAP etc.).

– Nil or rounded to zero.

**Table 8A.18 Fire service organisations' funding per 1000 people (2004-05 dollars) (a), (b)**

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
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*Source:* ABS *Australian Demographic Statistics*, 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 (2004-05 dollars) (a)

	Unit	NSW (b)	Vic (c)	Qld (d)	WA	SA	Tas	ACT	NT (e)	Aust
2000-01										
Government grants										
Australian	%	—	—	—	—	—	—	—	—	—
State/Territory	%	76.8	56.2	56.3	21.9	46.2	93.0	54.8	61.1	60.2
Local	%	—	—	—	—	—	—	—	—	—
Subscription fees	%	—	17.8	23.4	2.9	17.9	—	0.8	4.3	12.0
Transport fees										
Interhospital	%	12.9	3.8	6.1	11.4	7.4	1.5	—	—	7.8
Uninsured citizens	%	4.5	8.1	7.4	16.3	15.9	—	—	6.4	7.7
Workers' compensation	%	—	1.2	0.7	—	—	0.4	—	2.2	0.5
Motor accident insurance	%	3.6	4.7	1.8	2.3	7.0	2.7	—	2.2	3.5
Veterans' Affairs	%	na	na	na	na	na	na	na	na	na
Other	%	0.6	2.3	0.6	31.7	3.2	0.1	5.3	1.2	3.3
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	1.7	22.3	3.6
Indirect government revenue										
Total	%	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Government grants	%	76.8	56.2	56.3	21.9	46.2	93.0	54.8	61.1	60.2
Indirect government revenue	%	—	1.6	—	—	—	0.8	37.4	—	1.0
Other revenue (f)	%	1.6	22.0	27.0	16.4	20.3	1.5	2.5	26.9	15.9
Transport fees	%	21.6	20.1	16.7	61.7	33.5	4.8	5.3	12.0	22.9
<b>Total</b>	%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Government grants	\$m	243.4	147.1	144.1	14.5	36.6	15.8	8.9	6.3	616.7
Indirect government revenue	\$m	—	4.2	—	—	—	0.1	6.1	—	10.4
Other revenue (f)	\$m	5.2	57.7	69.1	10.9	16.1	0.2	0.4	2.7	162.4
Transport fees	\$m	68.5	52.6	42.6	40.9	26.6	0.8	0.9	1.2	234.2

Table 8A.19

Table 8A.19 Major sources of ambulance service organisations funding (2004-05 dollars) (a)

	Unit	NSW (b)	Vic (c)	Qld (d)	WA	SA	Tas	ACT	NT (e)	Aust
<b>Total</b>	<b>\$m</b>	<b>317.1</b>	<b>261.7</b>	<b>255.9</b>	<b>66.3</b>	<b>79.3</b>	<b>17.0</b>	<b>16.2</b>	<b>10.2</b>	<b>1 023.7</b>
2001-02										
Government grants										
Australian	%	—	—	—	—	—	—	—	—	—
State/Territory	%	72.6	58.0	56.3	21.7	46.3	87.0	53.6	62.3	58.8
Local	%	—	—	—	—	—	—	—	—	—
Subscription fees	%	—	16.1	19.4	2.6	14.9	—	0.4	3.9	10.6
Transport fees										
Interhospital	%	13.6	4.0	7.7	4.8	2.7	0.4	—	—	7.4
Uninsured citizens	%	4.3	10.2	8.5	50.6	7.2	0.9	4.8	9.7	10.2
Workers' compensation	%	na	1.2	0.8	—	—	0.9	—	0.9	0.6
Motor accident insurance	%	3.5	5.0	2.2	3.3	5.7	5.6	—	3.6	3.8
Veterans' Affairs	%	0.7	0.3	0.2	2.5	1.2	2.2	0.7	0.7	0.6
Other	%	—	0.6	0.7	—	12.7	0.4	0.6	1.5	1.5
Donations	%	0.5	0.3	0.3	0.9	0.3	—	—	—	0.4
Miscellaneous	%	4.9	2.3	3.9	13.4	9.0	2.5	1.1	17.3	4.9
Indirect government revenue	%	—	2.0	—	—	—	—	38.7	—	1.2
<b>Total</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Government grants	%	72.6	58.0	56.3	21.7	46.3	87.0	53.6	62.3	58.8
Indirect government revenue	%	—	2.0	—	—	—	—	38.7	—	1.2
Other revenue (f)	%	5.4	18.7	23.6	16.9	24.2	2.5	1.5	21.3	15.9
Transport fees	%	22.0	21.3	20.0	61.3	29.5	10.5	6.1	16.4	24.1
<b>Total</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Table 8A.19

Table 8A.19 Major sources of ambulance service organisations funding (2004-05 dollars) (a)

	Unit	NSW (b)	Vic (c)	Qld (d)	WA	SA	Tas	ACT	NT (e)	Aust
Government grants	\$m	224.8	174.2	144.9	15.6	44.3	16.8	9.4	6.6	636.5
Indirect government revenue	\$m	-	6.0	-	-	-	-	6.8	-	12.8
Other revenue (f)	\$m	16.6	56.2	60.8	12.1	23.1	0.5	0.3	2.2	171.9
Transport fees	\$m	68.3	63.8	51.5	43.9	28.2	2.0	1.1	1.7	260.5
<b>Total</b>	<b>\$m</b>	<b>309.6</b>	<b>300.2</b>	<b>257.3</b>	<b>71.5</b>	<b>95.6</b>	<b>19.4</b>	<b>17.6</b>	<b>10.5</b>	<b>1 081.7</b>
2002-03										
Government grants										
Australian	%	-	-	-	-	-	-	-	-	-
State/Territory	%	76.4	59.4	57.7	19.8	45.7	82.4	63.4	58.4	60.9
Local	%	-	-	-	-	-	-	-	-	-
Subscription fees	%	-	16.0	18.4	2.5	16.9	-	0.2	3.4	10.4
Transport fees										
Interhospital	%	13.7	4.1	7.5	4.3	7.6	-	5.3	-	7.9
Uninsured citizens	%	3.8	8.9	8.6	49.4	17.1	0.1	-	8.1	10.2
Workers' compensation	%	-	1.4	0.8	-	-	1.5	-	0.7	0.6
Motor accident insurance	%	3.9	4.9	2.4	3.9	6.3	6.1	-	3.0	4.0
Veterans' Affairs	%	0.6	-	0.1	3.0	3.4	4.8	0.4	0.5	0.7
Other	%	-	0.6	0.8	-	-	2.4	0.4	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	0.5	25.2	3.5
Indirect government revenue	%	-	1.7	-	-	-	-	29.8	-	1.1
<b>Total</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

Table 8A.19

Table 8A.19 Major sources of ambulance service organisations funding (2004-05 dollars) (a)

	Unit	NSW (b)	Vic (c)	Qld (d)	WA	SA	Tas	ACT	NT (e)	Aust
Government grants	%	76.4	59.4	57.7	19.8	45.7	82.4	63.4	58.4	60.9
Indirect government revenue	%	-	1.7	-	-	-	-	29.8	-	1.1
Other revenue (f)	%	1.5	19.0	22.1	19.6	19.9	2.7	0.7	28.7	14.2
Transport fees	%	22.1	19.9	20.2	60.5	34.4	14.9	6.2	12.9	23.9
<b>Total</b>	%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Government grants	\$m	259.2	193.0	159.2	14.8	39.5	16.3	14.4	6.8	703.1
Indirect government revenue	\$m	-	5.5	-	-	-	-	6.8	-	12.2
Other revenue (f)	\$m	5.2	61.8	60.9	14.6	17.2	0.5	0.2	3.4	163.8
Transport fees	\$m	74.9	64.8	55.8	45.1	29.7	2.9	1.4	1.5	276.1
<b>Total</b>	<b>\$m</b>	<b>339.3</b>	<b>325.0</b>	<b>275.9</b>	<b>74.5</b>	<b>86.4</b>	<b>19.7</b>	<b>22.7</b>	<b>11.7</b>	<b>1 155.3</b>
2003-04										
Government grants										
Australian	%	-	-	-	-	-	-	-	-	-
State/Territory	%	77.5	56.6	79.3	17.7	46.8	82.1	52.5	61.2	65.3
Local	%	-	-	-	-	-	-	-	-	-
Subscription fees	%	-	18.4	-	2.4	16.2	-	-	3.2	6.5
Transport fees	%									
Interhospital	%	12.0	4.1	7.3	4.3	6.7	-	5.4	-	7.3
Other fees from citizens	%	3.9	8.3	1.5	48.6	19.7	0.1	-	5.2	8.6
Workers' compensation	%	na	1.2	0.8	-	-	1.3	-	0.4	0.6
Motor accident insurance	%	3.7	5.0	2.6	3.4	5.7	7.1	-	3.0	3.9
Veterans' Affairs	%	0.5	-	4.2	3.0	3.0	7.0	0.5	0.5	1.7
Other	%	-	0.6	0.4	-	-	0.6	0.4	0.6	0.3

Table 8A.19

Table 8A.19 Major sources of ambulance service organisations funding (2004-05 dollars) (a)

	Unit	NSW (b)	Vic (c)	Qld (d)	WA	SA	Tas	ACT	NT (e)	Aust
Donations	%	0.1	—	0.4	1.0	0.1	—	—	0.2	0.2
Miscellaneous	%	2.2	4.2	3.4	19.6	1.9	1.8	4.3	25.7	4.4
Indirect government revenue	%	—	1.4	—	—	—	—	36.8	—	1.0
<b>Total</b>	%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Government grants	%	78.1	57.0	79.8	18.1	47.5	82.6	52.7	61.4	65.9
Indirect government revenue	%	—	1.4	—	—	—	—	36.9	—	1.0
Other revenue (f)	%	2.4	22.9	3.8	23.6	18.4	1.8	4.4	29.2	11.3
Transport fees	%	19.5	18.6	16.3	58.3	34.1	15.6	6.1	9.4	21.8
<b>Total</b>	%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Government grants	\$m	283.2	191.0	236.1	14.3	45.6	16.7	11.3	7.4	805.6
Indirect government revenue	\$m	—	4.9	—	—	—	—	7.9	—	12.8
Other revenue (f)	\$m	8.6	76.6	11.3	18.6	17.7	0.4	0.9	3.5	137.8
Transport fees	\$m	70.8	62.4	48.3	46.1	32.8	3.2	1.3	1.1	265.9
<b>Total</b>	\$m	<b>362.6</b>	<b>334.9</b>	<b>295.7</b>	<b>79.0</b>	<b>96.2</b>	<b>20.3</b>	<b>21.4</b>	<b>12.0</b>	<b>1 222.0</b>
2004-05										
Government grants										
Australian	%	—	1.8	—	—	0.3	—	—	—	0.5
State/Territory	%	77.8	57.4	62.2	5.1	13.1	5.3	3.8	2.4	227.2
Local	%	—	—	—	—	—	—	—	—	—
Subscription fees	%	—	17.1	—	0.5	4.1	—	—	0.1	21.9
Transport fees	%	11.7	3.9	7.2	4.0	8.7	—	7.7	—	7.3
Interhospital	%	—	—	—	—	—	—	—	—	—



Table 8A.19

Table 8A.19 Major sources of ambulance service organisations funding (2004-05 dollars) (a)

	Unit	NSW (b)	Vic (c)	Qld (d)	WA	SA	Tas	ACT	NT (e)	Aust
Other fees from citizens	%	3.6	7.8	1.8	45.2	16.2	1.5	—	7.4	8.4
Workers' compensation	%	—	1.2	0.7	—	0.3	1.0	—	0.3	0.5
Motor accident insurance	%	3.5	4.6	2.7	3.4	5.8	7.3	—	2.5	3.8
Veterans' Affairs	%	0.5	—	4.4	3.5	2.8	4.8	0.7	0.5	1.7
Other	%	—	0.6	0.5	—	—	0.6	0.7	0.6	0.3
Donations	%	—	0.2	0.1	0.8	0.2	—	—	0.2	0.2
Miscellaneous	%	2.8	3.5	4.0	20.2	4.6	0.9	0.6	25.0	4.9
Indirect government revenue	%	—	1.6	—	—	—	—	—	—	0.4
<b>Total share</b>	<b>%</b>	<b>100.0</b>	<b>99.7</b>	<b>83.6</b>	<b>82.7</b>	<b>56.1</b>	<b>21.4</b>	<b>13.5</b>	<b>39.0</b>	<b>277.1</b>
Government grants	%	77.8	59.0	78.5	20.8	46.8	83.9	90.3	61.1	66.1
Indirect government revenue	%	—	1.6	—	—	—	—	—	—	0.4
Other revenue (f)	%	2.9	21.3	4.1	23.2	19.3	0.9	0.6	27.6	11.4
Transport fees	%	19.3	18.2	17.3	56.0	33.9	15.2	9.1	11.3	22.0
<b>Total</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Government grants	\$m	293.7	217.4	234.7	19.3	49.9	19.9	14.5	9.2	858.6
Indirect government revenue	\$m	—	5.8	—	—	—	—	—	—	5.8
Other revenue (f)	\$m	10.8	78.4	12.3	21.5	20.6	0.2	0.1	4.1	148.0
Transport fees	\$m	72.9	66.9	51.8	51.9	36.1	3.6	1.5	1.7	286.3
<b>Total</b>	<b>\$m</b>	<b>377.4</b>	<b>368.4</b>	<b>298.8</b>	<b>92.7</b>	<b>106.5</b>	<b>23.7</b>	<b>16.1</b>	<b>15.0</b>	<b>1 298.7</b>

(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. Funding levels are adjusted using the ABS GDP price deflator 2004-05 = 100 (table A.26) to arrive at a constant price measure.

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

Table 8A.19 Major sources of ambulance service organisations funding (2004-05 dollars) (a)

	Unit	NSW (b)	Vic (c)	Qld (d)	WA	SA	Tas	ACT	NT (e)	Aust
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(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 zeros after rounding.

(e) The 2001-02 NT government revenue data include transport 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.

(f) Other revenue is equal to the sum of subscriptions, donations and miscellaneous revenue.

**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)

2001-02	Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas (g)	ACT	NT (h)	Aust
	Incidents									
	Emergency incidents	na	na	na	na	na	na	na	na	na
	Urgent incidents	na	na	na	na	na	na	na	na	na
	Non-emergency incidents	na	na	na	na	na	na	na	na	na
	Casualty room attendance (i)	..	..	..	..	..	..	..	..	..
	<b>Total incidents</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
	<b>Total incidents</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>
	Population	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
	Per 100 000 persons	na	na	na	na	na	na	na	na	na
	Responses									
	Emergency responses	na	na	na	na	na	na	na	na	na
	Urgent responses	na	na	na	na	na	na	na	na	na
	Non-emergency responses	na	na	na	na	na	na	na	na	na
	<b>Total responses</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
	<b>Total responses</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>
	Population	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
	Per 100 000 persons	na	na	na	na	na	na	na	na	na
	Patients									
	Treated	na	na	na	na	na	na	na	na	na
	Treated not transported	na	na	na	na	na	na	na	na	na
	<b>Total patients</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
	<b>Total patients</b>	<b>676</b>	<b>471</b>	<b>478</b>	<b>142</b>	<b>181</b>	<b>42</b>	<b>25</b>	<b>23</b>	<b>2 037</b>
	Population	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
	Per 100 000 persons	na	na	na	na	na	na	na	na	na
	Total fleet road	na	14 676	17 242	4 610	2 056	1 788	610	592	41 574
	Flying hours fixed wing	6 635	4 777	—	—	—	1 127	—	—	12 539
	Flying hours rotary wing	4 416	2 012	—	—	—	—	532	—	6 960

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Table 8A.20

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

2002-03	Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas (g)	ACT	NT (h)	Aust	
	<b>Incidents</b>										
	Emergency incidents	65.7	34.7	28.1	32.8	39.6	50.2	41.9	37.4	44.6	
	Urgent incidents	na	21.8	38.3	33.3	35.5	28.6	36.4	26.5	20.1	
	Non-emergency incidents	34.3	43.5	33.6	33.8	24.9	21.2	21.7	36.1	35.3	
	<b>Total incidents</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
	<b>Total incidents</b>	<b>768</b>	<b>558</b>	<b>510</b>	<b>118</b>	<b>176</b>	<b>44</b>	<b>25</b>	<b>26</b>	<b>2 226</b>	
	Population	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6	
	Per 100 000 persons	11 579	11 494	13 748	6 132	11 600	9 400	7 679	13 274	11 335	
	<b>Responses</b>										
	Emergency responses	68.1	41.9	29.0	28.9	40.7	52.3	42.5	37.4	47.6	
	Urgent responses	na	20.8	35.7	29.2	35.5	28.0	37.2	26.5	18.7	
	Non-emergency responses	31.9	37.3	35.3	41.9	23.8	19.7	20.4	36.1	33.7	
	<b>Total responses</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
	<b>Total responses</b>	<b>896</b>	<b>670</b>	<b>572</b>	<b>136</b>	<b>185</b>	<b>51</b>	<b>27</b>	<b>26</b>	<b>2 563</b>	
	Population	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6	
	Per 100 000 persons	13 502	13 792	15 421	7 052	12 195	10 853	8 273	13 274	13 050	
	<b>Patients</b>										
	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	
	<b>Total patients</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
	<b>Total patients</b>	<b>737</b>	<b>509</b>	<b>491</b>	<b>138</b>	<b>185</b>	<b>42</b>	<b>25</b>	<b>23</b>	<b>2 150</b>	
	Population	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6	
	Per 100 000 persons	11 107	10 489	13 227	7 162	12 195	8 898	7 633	11 549	10 946	
	Total fleet road	na	15 331	18 154	4 576	2 038	2 158	879	613	43 748	
	Flying hours fixed wing	6 793	4 970	..	-	-	1 324	-	..	13 087	
	Flying hours rotary wing	4 533	2 093	..	-	-	451	629	..	7 706	

Table 8A.20

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

2003-04	Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas (g)	ACT	NT (h)	Aust
Incidents										
	Emergency incidents	%	99.9	35.5	25.6	29.5	51.3	41.2	na	49.3
	Urgent incidents	%	na	22.6	39.3	27.5	28.2	36.8	na	23.3
	Non-emergency incidents	%	0.1	41.9	33.9	42.6	20.5	22.0	na	27.0
	Casualty room attendance	%	..	..	1.1	0.4	-	-	..	0.3
	<b>Total incidents</b>	%	<b>100.0</b>	<b>100.0</b>	<b>99.8</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>0.0</b>	<b>99.9</b>
	<b>Total incidents</b>	'000	<b>787</b>	<b>563</b>	<b>566</b>	<b>144</b>	<b>53</b>	<b>25</b>	-	<b>2 052</b>
	Population	m	6.7	4.9	3.8	1.9	0.5	0.3	0.2	19.9
	Per 100 000 persons	no.	7 718	11 466	14 902	7 396	11 020	7 712	-	10 323
Responses										
	Emergency responses	%	68.3	42.8	31.0	29.4	53.2	41.0	34.7	48.0
	Urgent responses	%	na	21.6	38.1	27.6	29.1	38.5	26.7	19.8
	Non-emergency responses	%	31.7	35.6	30.8	43.0	17.7	20.4	38.6	32.3
	<b>Total responses</b>	%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
	<b>Total responses</b>	'000	<b>928</b>	<b>675</b>	<b>648</b>	<b>145</b>	<b>51</b>	<b>27</b>	<b>26</b>	<b>2 694</b>
	Population	m	6.7	4.9	3.8	1.9	0.5	0.3	0.2	19.9
	Per 100 000 persons	no.	13 889	13 734	17 036	7 461	10 633	8 401	13 154	13 558
Patients										
	Transported	%	81.8	90.7	94.3	91.4	100.0	63.7	88.9	87.8
	Treated not transported	%	18.2	9.3	5.7	8.6	0.0	36.3	11.1	12.2
	<b>Total patients</b>	%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
	<b>Total patients</b>	'000	<b>734</b>	<b>515</b>	<b>520</b>	<b>147</b>	<b>33</b>	<b>27</b>	<b>23</b>	<b>2 196</b>
	Population	m	6.7	4.9	3.8	1.9	0.5	0.3	0.2	19.9
	Per 100 000 persons	no.	11 269	10 489	13 692	7 529	7 002	8 502	11 456	11 049
	Total fleet road	'000 km	na	15 812	19 586	5 011	1 986	635	605	45 633
	Flying hours fixed wing	hrs	6 890	4 858	-	-	1 357	-	-	13 105
	Flying hours rotary wing	hrs	4 745	2 087	-	180	-	584	-	7 596

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Table 8A.20

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

2004-05	Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas (g)	ACT	NT (h)	Aust
Incidents										
	Emergency incidents	66.4	35.5	25.1	27.5	40.4	50.3	40.4	na	43.4
	Urgent incidents	0.0	22.6	41.1	27.6	33.4	31.6	38.3	na	21.2
	Nonemergency incidents	33.6	41.9	32.6	44.9	26.2	18.2	21.3	na	35.0
	Casualty room attendance	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.3
	<b>Total incidents</b>	<b>100.0</b>	<b>100.0</b>	<b>99.8</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>0.0</b>	<b>100.0</b>
	<b>Total incidents</b>	<b>794</b>	<b>575</b>	<b>600</b>	<b>150</b>	<b>189</b>	<b>49</b>	<b>23</b>	<b>-</b>	<b>2 380</b>
	Population	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
	Per 100 000 persons	11 802	11 573	15 450	7 550	12 311	10 139	7 146	-	11 835
Responses										
	Emergency responses	69.3	42.7	30.6	27.7	41.5	52.0	43.7	26.0	47.9
	Urgent responses	0.0	21.2	40.1	27.6	33.7	30.4	39.6	43.3	20.5
	Non-emergency responses	30.7	36.1	29.3	44.7	24.8	17.6	16.6	30.8	31.6
	<b>Total responses</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
	<b>Total responses</b>	<b>947</b>	<b>691</b>	<b>688</b>	<b>153</b>	<b>201</b>	<b>56</b>	<b>27</b>	<b>31</b>	<b>2 793</b>
	Population	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
	Per 100 000 persons	14 071	13 899	17 725	7 706	13 075	11 629	8 215	15 339	13 888
Patients										
	Transported	81.5	90.9	94.1	91.3	84.6	85.2	78.0	92.3	87.8
	Treated not transported	18.5	9.1	5.9	8.7	15.4	14.8	22.0	7.7	12.2
	<b>Total patients</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
	<b>Total patients</b>	<b>763</b>	<b>527</b>	<b>548</b>	<b>154</b>	<b>181</b>	<b>41</b>	<b>23</b>	<b>26</b>	<b>2 264</b>
	Population	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
	Per 100 000 persons	11 340	10 606	14 117	7 791	11 779	8 462	6 951	13 232	11 256
	Total fleet road	-	16 584	20 430	5 135	2 101	2 108	615	657	47 630
	Flying hours fixed wing	7 027	4 882	-	-	-	1 255	-	-	13 164
	Flying hours rotary wing	4 429	1 994	-	253	-	467	353	-	7 496

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Table 8A.20

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

	Unit	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas (g)	ACT	NT (h)	Aust
(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 include road incidents only. In 2004-05 there were 4205 fixed wing air ambulance incidents and 1811 rotary wing incidents. Responses and patients transport refer to MAS road responses only and exclude Air Ambulance. There were 4187 patients transported by fixed wing aircraft and 1274 by rotary wing.									
(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)	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), ABS *Australian Demographic Statistics*, Cat no. 3101.0 (unpublished)

Table 8A.21

Table 8A.21 Ambulance service organisations' human resources (a)

	Unit	NSW	Vic (a)	Qld (b)	WA	SA (c)	Tas (d)	ACT	NT	Aust
2002-03										
Salaried personnel										
	Ambulance operatives	%	86.7	84.3	67.2	67.1	80.1	77.5	62.2	78.9
	Ambulance operatives	FTE	2 743	1 730	1 679	380	635	93	70	7 483
	Patient transport officers	FTE	97	37	123	25	58	2	–	344
	Students and base level ambulance officers	FTE	455	343	232	108	114	18	18	1 309
	Qualified ambulance officers	FTE	1 953	1 269	1 132	224	420	63	41	5 215
	Clinical other	FTE	16	–	3	–	–	–	–	19
	Communications operatives	FTE	222	81	190	23	43	10	11	597
	Operational support personnel	FTE	233	136	315	66	52	14	15	846
	Corporate support personnel	FTE	186	187	506	120	106	14	28	1 157
	<b>Total salaried personnel</b>	<b>FTE</b>	<b>3 162</b>	<b>2 053</b>	<b>2 499</b>	<b>566</b>	<b>793</b>	<b>120</b>	<b>113</b>	<b>9 486</b>
Volunteers (a)										
	Ambulance operatives	no.	57	387	403	2 022	1 354	–	21	4 774
	Operational and corporate support	no.	–	–	–	726	300	–	1	1 027
	<b>Total volunteers</b>	<b>no.</b>	<b>57</b>	<b>387</b>	<b>403</b>	<b>2 748</b>	<b>1 654</b>	<b>–</b>	<b>22</b>	<b>5 801</b>
2003-04										
Salaried personnel										
	Ambulance operatives	%	86.8	84.0	78.4	68.8	76.4	74.2	63.3	81.6
	Ambulance operatives	FTE	2 865	1 887	2 088	410	649	95	74	8 230
	Patient transport officers	FTE	96	39	143	33	48	2	–	363
	Students and base level ambulance officers	FTE	523	394	336	96	151	18	20	1 561
	Qualified ambulance officers	FTE	1 981	1 354	1 380	254	404	65	43	5 602
	Clinical other	FTE	18	–	2	–	–	–	–	20
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Table 8A.21

Table 8A.21 Ambulance service organisations' human resources (a)

Unit	NSW	Vic (a)	Qld (b)	WA	SA (c)	Tas (d)	ACT	NT	Aust
Communications operatives	247	100	227	27	46	16	10	11	684
Operational support personnel	226	145	188	60	68	14	18	15	734
Corporate support personnel	210	215	386	126	132	12	15	28	1 123
<b>Total salaried personnel</b>	<b>3 301</b>	<b>2 246</b>	<b>2 662</b>	<b>596</b>	<b>849</b>	<b>187</b>	<b>128</b>	<b>117</b>	<b>10 087</b>
Volunteers (a)									
Ambulance operatives	115	501	445	1 694	1 383	567	—	19	4 724
Operational and corporate support	—	—	—	1 026	200	—	—	1	1 227
<b>Total volunteers</b>	<b>115</b>	<b>501</b>	<b>445</b>	<b>2 720</b>	<b>1 583</b>	<b>567</b>	<b>—</b>	<b>20</b>	<b>5 951</b>
2004-05									
Salaried personnel									
Ambulance operatives	86.2	83.7	79.2	73.6	77.9	83.2	75.5	72.2	82.0
Ambulance operatives	2 926	2 016	2 289	475	667	185	110	78	8 747
Patient transport officers	134	41	138	38	69	2	5	1	429
Students and base level ambulance officers	534	411	468	104	58	33	11	18	1 637
Qualified ambulance officers	1 994	1 463	1 426	297	496	133	84	48	5 941
Clinical other	18	—	2	—	—	—	—	—	20
Communications operatives	247	101	255	35	44	17	10	11	721
Operational support personnel	246	144	212	64	57	24	14	13	774
Corporate support personnel	222	248	390	106	133	14	22	17	1 152
<b>Total salaried personnel</b>	<b>3 394</b>	<b>2 409</b>	<b>2 891</b>	<b>645</b>	<b>857</b>	<b>223</b>	<b>146</b>	<b>108</b>	<b>10 672</b>
Volunteers (a)									
Ambulance operatives	118	819	575	1 767	1 295	448	—	16	5 038
Operational and corporate support	—	—	—	857	235	—	—	1	1 093
<b>Total volunteers</b>	<b>118</b>	<b>819</b>	<b>575</b>	<b>2 624</b>	<b>1 530</b>	<b>448</b>	<b>—</b>	<b>17</b>	<b>6 131</b>

Table 8A.21

Table 8A.21 **Ambulance service organisations' human resources (a)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic (a)</i>	<i>Qld (b)</i>	<i>WA</i>	<i>SA (c)</i>	<i>Tas (d)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
(a)	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, and 335 in 2002-03.									
(b)	In Queensland data, operational support personnel include station officers. For 2003-04, volunteers comprise 272 ambulance attendants and 173 community first responders.									
(c)	SA volunteers data are approximated.									
(d)	The number of non remunerated volunteer ambulance operatives was 448 in 2004-05, down from 567 in the preceding year due to (a) the exclusion of district health hospital staff trained to volunteer level, and (b) inactive volunteers. In Tasmania, clinical other relates to part time doctors.									

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

Source: State and Territory governments (unpublished).

Table 8A.22

Table 8A.22 **Ambulance assets (number) (a)**

	<i>NSW</i>	<i>Vic (b)</i>	<i>Qld (c)</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Total</i>
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
<b>Total</b>	<b>289</b>	<b>228</b>	<b>304</b>	<b>286</b>	<b>117</b>	<b>40</b>	<b>8</b>	<b>14</b>	<b>1 286</b>
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
<b>Total</b>	<b>1 208</b>	<b>705</b>	<b>977</b>	<b>394</b>	<b>276</b>	<b>128</b>	<b>27</b>	<b>49</b>	<b>3 764</b>
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
<b>Total</b>	<b>289</b>	<b>240</b>	<b>291</b>	<b>293</b>	<b>113</b>	<b>43</b>	<b>11</b>	<b>14</b>	<b>1 294</b>
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
<b>Total</b>	<b>1 217</b>	<b>741</b>	<b>951</b>	<b>417</b>	<b>286</b>	<b>135</b>	<b>25</b>	<b>52</b>	<b>3 824</b>

Table 8A.22

Table 8A.22 **Ambulance assets (number) (a)**

	NSW	Vic (b)	Qld (c)	WA	SA	Tas	ACT	NT	Total
2003-04									
Ambulance stations and locations									
Response locations	244	207	261	179	102	41	7	8	1 049
Communication centres	4	6	9	1	3	1	–	2	26
Other locations	42	34	29	113	6	2	1	4	231
<b>Total</b>	<b>290</b>	<b>247</b>	<b>299</b>	<b>293</b>	<b>111</b>	<b>44</b>	<b>8</b>	<b>14</b>	<b>1 306</b>
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
<b>Total</b>	<b>1 248</b>	<b>781</b>	<b>988</b>	<b>437</b>	<b>291</b>	<b>126</b>	<b>27</b>	<b>52</b>	<b>3 950</b>
2004-05									
Ambulance stations and locations									
Response locations	246	209	271	181	102	46	7	8	1 070
Communication centres	4	6	8	2	1	1	1	1	24
Other locations	44	54	29	113	7	2	3	–	252
<b>Total</b>	<b>294</b>	<b>269</b>	<b>308</b>	<b>296</b>	<b>110</b>	<b>49</b>	<b>11</b>	<b>9</b>	<b>1 346</b>
Ambulances and other vehicles									
Ambulance general purpose	851	448	658	394	195	94	15	29	2 684
Patient transport vehicles	84	38	115	14	19	2	9	2	283
Operational support vehicles	272	203	128	14	58	26	4	10	715
Special operations vehicles	–	7	–	–	–	–	1	–	8
Administrative vehicles	55	112	85	39	33	2	–	5	331
Other vehicles	56	25	47	19	8	5	1	4	165
<b>Total</b>	<b>1 318</b>	<b>833</b>	<b>1 033</b>	<b>480</b>	<b>313</b>	<b>129</b>	<b>30</b>	<b>50</b>	<b>4 186</b>

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

(b) 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.

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

– Nil or rounded to zero.

Source: State and Territory governments (unpublished).

Table 8A.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	%	25.1	24.9	19.6	13.1	17.1	na	16.1	na	na
Total witnessed out-of-hospital cardiac arrest incidents										
2003-04	no.	506	1 198	652	183	228	na	56	na	na
Survivals from witnessed out-of-hospital cardiac arrest incidents										
2004-05	%	22.1	31.3	23.8	14.3	35.4	na	23.8	na	na
Total witnessed out-of-hospital cardiac arrest incidents										
2004-05	no.	488	817	627	147	260	na	42	na	na

- (a) Data published in the 2005 and 2006 Reports 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 applies to calendar years.
- (d) The ACT survival rate from out of hospital cardiac arrests data for all years is a six year rolling average.
- na** Not available. – Nil or rounded to zero.

*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 (f)	Tas (g)	ACT	NT
50th percentile								
2000-01	10.3	8.0	9.0	8.4	7.7	10.0	7.2	np
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
2004-05	9.8	9.0	8.0	9.1	9.4	10.1	7.5	9.5
90th percentile								
2000-01	20.7	15.0	17.0	14.6	14.0	21.4	12.1	np
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
2004-05	19.7	17.0	16.0	15.4	17.0	20.7	12.3	21.5

- (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, data is incomplete for both 2003-04 and 2004-05 due to industrial action in the months of June and July 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) SAAS commences recording response times immediately at receipt of call, includes second vehicle and subsequent responses and cases originally triaged as non-urgent, subsequently upgraded to urgent, from original receipt of call.
- (g) Tasmania has the highest proportion of population in small rural areas.

**np** Not published.

Source: State and Territory governments (unpublished).

Table 8A.25

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

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
Total patients surveyed 2002										
Patients surveyed (b)										
Very satisfied or satisfied	%	na	76.7	79.7	77.6	81.5	84.0	64.4	na	78.4
Neither satisfied nor dissatisfied	%	na	5.7	1.7	0.8	2.5	1.9	4.9	na	3.4
Dissatisfied or very dissatisfied	%	na	17.6	18.6	21.6	16.0	14.1	30.7	na	18.2
<b>Total usable responses</b>	%	–	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	–	<b>100.0</b>
<b>Total usable responses</b>	<b>no.</b>	<b>na</b>	<b>1122</b>	<b>479</b>	<b>357</b>	<b>449</b>	<b>262</b>	<b>100</b>	<b>na</b>	<b>2769</b>
Patients not surveyed (est.) (b)	'000	na	469	477	142	180	42	24	na	1 335
<b>Total patients (est.)</b>	<b>'000</b>	<b>na</b>	<b>471</b>	<b>478</b>	<b>142</b>	<b>180</b>	<b>42</b>	<b>24</b>	<b>na</b>	<b>1 335</b>
Total patients surveyed 2003 (d)										
Patients surveyed (b)										
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
<b>Total usable responses</b>	%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.1</b>	<b>99.9</b>	<b>99.9</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Total usable responses</b>	<b>no.</b>	<b>480</b>	<b>853</b>	<b>446</b>	<b>514</b>	<b>597</b>	<b>589</b>	<b>155</b>	<b>163</b>	<b>3797</b>
Patients not surveyed (b)	'000	736	509	490	137	185	41	24	23	2 146
<b>Total patients</b>	<b>'000</b>	<b>737</b>	<b>509</b>	<b>491</b>	<b>138</b>	<b>185</b>	<b>42</b>	<b>25</b>	<b>23</b>	<b>2 150</b>
Total patients surveyed 2004 (d) (e)										
Patients surveyed (b)										
Very satisfied or satisfied	%	98.0	98.0	97.0	97.0	97.0	96.0	99.0	96.0	na
Neither satisfied nor dissatisfied	%	1.0	1.0	1.0	2.0	3.0	1.0	1.0	3.0	na
Dissatisfied or very dissatisfied	%	1.0	1.0	2.0	1.0	–	3.0	–	–	na
<b>Total usable responses</b>	%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>99.0</b>	–
<b>Total usable responses</b>	<b>no.</b>	<b>470</b>	<b>1164</b>	<b>552</b>	<b>701</b>	<b>421</b>	<b>648</b>	<b>227</b>	<b>na</b>	<b>4183</b>
Patients not surveyed (b)	'000	753	326	519	146	175	30	26	21	1 997
<b>Total patients</b>	<b>'000</b>	<b>753</b>	<b>327</b>	<b>520</b>	<b>147</b>	<b>176</b>	<b>31</b>	<b>26</b>	<b>na</b>	<b>na</b>
Total patients surveyed 2005 (d) (e)										
Patients surveyed (c)										
Very satisfied or satisfied	%	97.0	96.6	98.0	98.0	98.0	97.0	98.0	94.0	na
Neither satisfied nor dissatisfied	%	1.0	1.7	1.0	1.0	1.0	1.0	2.0	3.0	na
Dissatisfied or very dissatisfied	%	2.0	1.7	1.0	1.0	1.0	2.0	–	3.0	na
<b>Total usable responses</b>	%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>na</b>
<b>Total usable responses</b>	<b>no.</b>	<b>421</b>	<b>1227</b>	<b>589</b>	<b>488</b>	<b>569</b>	<b>548</b>	<b>587</b>	<b>279</b>	<b>4708</b>
Patients not surveyed (b)	'000	762	525	547	153	179	40	21	25	2 227
<b>Total patients</b>	<b>'000</b>	<b>762</b>	<b>526</b>	<b>547</b>	<b>154</b>	<b>180</b>	<b>40</b>	<b>22</b>	<b>na</b>	<b>2 232</b>

(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) Unusable survey responses are included under patients not surveyed.

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

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

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

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
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(e) 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 *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	<b>Ambulance service costs (\$'000) (2004-05 dollars) (a)</b>								
	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (b)</i>	<i>ACT</i>	<i>NT (c)</i>	<i>Total</i>
2000-01									
Labour costs (d)									
Salaries and payments in the nature of salaries	230 510	146 807	154 537	28 804	47 458	12 213	7 737	6 613	634 678
Payroll tax	–	–	7 019	–	–	745	–	–	7 764
Capital costs									
Depreciation	14 499	12 293	18 593	2 588	4 708	1 153	302	729	54 866
User cost of capital (e)									
Land	2 795	1 387	2 190	249	121	169	80	24	7 016
Other assets	10 382	6 899	11 307	4 354	2 025	2 070	520	430	37 988
Other costs	63 391	73 191	60 833	25 727	16 658	4 393	1 845	2 079	248 118
Interest on borrowings	262	–	254	–	–	–	163	–	678
<b>Total costs (f)</b>	<b>318 781</b>	<b>239 191</b>	<b>245 271</b>	<b>61 473</b>	<b>70 848</b>	<b>19 829</b>	<b>10 405</b>	<b>9 852</b>	<b>975 650</b>
2001-02									
Labour costs (d)									
Salaries and payments in the nature of salaries	237 013	172 408	158 988	28 480	51 316	13 632	8 071	6 830	676 738
Payroll tax	na	–	7 141	–	–	824	–	–	7 965
Capital costs									
Depreciation	15 348	16 409	18 547	2 743	5 774	1 136	433	735	61 126
User cost of capital (e)									
Land	2 366	1 337	2 545	2 068	247	712	108	23	9 407
Other assets	7 317	5 464	10 745	1 798	2 042	313	252	356	28 287
Other costs	83 503	97 507	75 775	32 248	22 195	4 756	3 870	2 498	322 353
Interest on borrowings	288	–	218	–	–	–	33	–	539
<b>Total costs (f)</b>	<b>343 181</b>	<b>291 788</b>	<b>264 055</b>	<b>65 268</b>	<b>81 327</b>	<b>19 837</b>	<b>12 626</b>	<b>10 420</b>	<b>1 088 503</b>
2002-03									
Labour costs (d)									
Salaries and payments in the nature of salaries	254 297	187 228	146 154	29 072	59 994	13 859	9 463	6 672	706 738
Payroll tax	–	–	6 726	–	–	837	–	–	7 563
Capital costs									
Depreciation	14 423	14 758	19 090	3 240	6 616	1 081	392	682	60 282
User cost of capital (e)									
Land	4 263	2 288	2 923	1 983	239	165	161	22	12 043
Other assets	10 514	7 399	13 719	2 251	2 544	1 383	609	433	38 853
Other costs	85 268	101 938	75 013	29 077	19 296	5 048	4 316	2 554	322 509
Interest on borrowings	290	–	10 022	–	–	–	–	–	10 313
<b>Total costs (f)</b>	<b>364 501</b>	<b>311 323</b>	<b>253 976</b>	<b>63 639</b>	<b>88 449</b>	<b>21 372</b>	<b>14 779</b>	<b>10 340</b>	<b>1 128 380</b>

Table 8A.26

Table 8A.26	<b>Ambulance service costs (\$'000) (2004-05 dollars) (a)</b>								
	NSW	Vic	Qld	WA	SA	Tas (b)	ACT	NT (c)	Total
2003-04									–
Labour costs (d)									–
Salaries and payments in the	266 801	194 159	179 992	31 520	64 417	14 227	10 687	7 228	769 031
Payroll tax	–	–	7 798	–	–	807	–	–	8 606
Capital costs									
Depreciation	15 440	14 745	19 405	4 047	7 096	1 217	340	626	62 917
User cost of capital (e)		–	–	–	–	–	–	–	–
Land	4 263	2 347	2 973	1 989	476	178	154	22	12 403
Other assets	9 642	10 003	15 172	2 468	2 309	1 390	58	461	41 503
Other costs	99 201	104 029	74 036	31 475	19 991	5 347	3 619	2 454	340 151
Interest on borrowings	236	–	11 478	–	–	–	–	2	11 716
<b>Total costs (f)</b>	<b>391 085</b>	<b>322 936</b>	<b>288 605</b>	<b>69 510</b>	<b>93 813</b>	<b>22 180</b>	<b>14 704</b>	<b>10 769</b>	<b>1 213 602</b>
2004-05									–
Labour costs (d)									
Salaries and payments in the	271 608	207 881	189 225	32 974	67 761	17 057	13 093	6 929	806 528
Payroll tax	–	8 600	9 027	–	–	966	–	–	18 593
Capital costs									
Depreciation	14 353	15 952	19 605	4 313	7 059	2 028	460	568	64 338
User cost of capital (e)									
Land	4 105	2 264	3 601	2 186	458	179	245	21	13 059
Other assets	8 936	11 241	15 978	2 782	2 649	1 039	856	534	44 015
Other costs	100 340	106 285	72 266	32 468	25 487	9 052	4 971	2 527	353 396
Interest on borrowings	183	–	128	–	–	–	–	15	326
<b>Total costs (f)</b>	<b>395 237</b>	<b>341 359</b>	<b>297 074</b>	<b>72 537</b>	<b>102 956</b>	<b>29 176</b>	<b>19 380</b>	<b>10 558</b>	<b>1 268 277</b>

(a) Cost levels are adjusted using the Australian Bureau of Statistics (ABS) GDP price deflator 2004-05 = 100 (table A.26) to arrive at a constant price measure.

(b) The Tasmanian service is part of the Department of Health and Human Services and sources corporate support services from the Department.

(c) 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.

(d) Payroll tax is excluded from labour costs.

(e) 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.37.

(f) Excludes the user cost of capital for land, and interest on borrowings.

na Not available. – Nil or rounded to zero.

Source: State and Territory governments (unpublished).

Table 8A.27

**Table 8A.27 Ambulance service organisations' expenditure per 1000 people (2004-05 dollars) (a)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (b)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (c)</i>
2000-01										
Total	\$m	318.8	239.2	245.3	61.5	70.8	19.8	10.4	9.9	975.6
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 persons	\$	49 148	50 448	68 866	32 795	47 074	42 063	33 009	50 377	50 939
2001-02										
Total	\$m	343.2	291.8	264.1	65.3	81.3	19.8	12.6	10.4	1 088.5
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 persons	\$	52 193	60 729	72 764	34 331	53 798	42 045	39 540	52 690	56 070
2002-03										
Total	\$m	364.5	311.3	254.0	63.6	88.4	21.4	14.8	10.3	1 128.4
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 1000 persons	\$	54 944	64 095	68 439	33 067	58 240	45 220	45 969	52 050	57 450
2003-04										
Total	\$m	391.1	322.9	288.6	69.5	93.8	22.2	14.7	10.8	1 213.6
Population	m	6.7	4.9	3.8	1.9	1.5	0.5	0.3	0.2	19.9
Per 1000 persons	\$	58 528	65 752	75 928	35 647	61 464	46 470	45 473	54 238	61 069
2004-05										
Total	\$m	395.2	341.4	297.1	72.5	103.0	29.2	19.4	10.6	1 268.3
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 persons	\$	58 716	68 646	76 525	36 594	67 105	60 515	59 811	52 813	63 063

- (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. Expenditure levels are adjusted using the Australian Bureau of Statistics (ABS) price deflator 2004-05 = 100 (table A.26) to arrive at a constant price measure.
- (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 **Ambulance service organisations' funding per 1000 people (2004-05 dollars) (a)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (b)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (c)</i>
<b>Total government grants</b>										
2000-01										
Total	\$m	243.4	147.1	144.1	14.5	36.6	15.8	8.9	6.3	616.7
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$	37 530	31 031	40 458	7 739	24 343	33 429	28 218	31 972	32 198
2001-02										
Total	\$m	224.8	174.2	144.9	15.6	44.3	16.8	9.4	6.6	636.5
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$	34 187	36 247	39 934	8 183	29 307	35 682	29 477	33 221	32 789
2002-03										
Total	\$m	259.2	193.0	159.2	14.8	39.5	16.3	14.4	6.8	703.1
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 1000 people	\$	39 066	39 735	42 903	7 676	26 013	34 412	44 726	34 427	35 800
2003-04										
Total	\$m	283.2	191.0	236.1	14.3	45.6	16.7	11.3	7.4	805.6
Population	m	6.7	4.9	3.8	1.9	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	42 375	38 894	62 110	7 327	29 907	35 048	34 941	37 086	40 538
2004-05										
Total	\$m	293.7	217.4	234.7	19.3	49.9	19.9	14.5	9.2	858.6
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$	43 636	43 715	60 455	9 737	32 502	41 321	44 769	45 960	42 691
<b>Indirect government funding</b>										
2000-01										
Total	\$m	0.0	4.2	0.0	0.0	0.0	0.1	6.1	0.0	10.4
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$	–	891	–	–	–	274	19 265	–	544
2001-02										
Total	\$m	0.0	6.0	0.0	0.0	0.0	0.0	6.8	0.0	12.8
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$	–	1 243	–	–	–	–	21 307	–	658
2002-03										
Total	\$m	0.0	5.5	0.0	0.0	0.0	0.0	6.8	0.0	12.2
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 1000 people	\$	–	1 127	–	–	–	–	21 003	–	622
2003-04										
Total	\$m	0.0	4.9	0.0	0.0	0.0	0.0	7.9	0.0	12.8
Population	m	6.7	4.9	3.8	1.9	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	–	988	–	–	–	–	24 454	–	642

Table 8A.28

Table 8A.28 **Ambulance service organisations' funding per 1000 people (2004-05 dollars) (a)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (b)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (c)</i>
2004-05										
Total	\$m	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	5.8
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$	–	1 160	–	–	–	–	–	–	287
<b>Other revenue (d)</b>										
2000-01										
Total	\$m	5.2	57.7	69.1	10.9	16.1	0.2	0.4	2.7	162.4
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$	798	12 164	19 415	5 821	10 686	526	1 301	14 043	8 478
2001-02										
Total	\$m	16.6	56.2	60.8	12.1	23.1	0.5	0.3	2.2	171.9
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$	2 520	11 707	16 761	6 375	15 304	1 038	842	11 334	8 855
2002-03										
Total	\$m	5.2	61.8	60.9	14.6	17.2	0.5	0.2	3.4	163.8
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 1000 people	\$	789	12 723	16 410	7 605	11 331	1 130	503	16 912	8 341
2003-04										
Total	\$m	8.6	76.6	11.3	18.6	17.7	0.4	0.9	3.5	137.8
Population	m	6.7	4.9	3.8	1.9	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	1 293	15 604	2 985	9 559	11 599	770	2 903	17 626	6 933
2004-05										
Total	\$m	10.8	78.4	12.3	21.5	20.6	0.2	0.1	4.1	148.0
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$	1 605	15 757	3 161	10 850	13 423	429	321	20 729	7 358
<b>Total transport fees</b>										
2000-01										
Total	\$m	68.5	52.6	42.6	40.9	26.6	0.8	0.9	1.2	234.2
Population	m	6.5	4.7	3.6	1.9	1.5	0.5	0.3	0.2	19.2
Per 1000 people	\$	10 565	11 099	11 965	21 830	17 658	1 732	2 727	6 272	12 226
2001-02										
Total	\$m	68.3	63.8	51.5	43.9	28.2	2.0	1.1	1.7	260.5
Population	m	6.6	4.8	3.6	1.9	1.5	0.5	0.3	0.2	19.4
Per 1000 people	\$	10 381	13 288	14 203	23 070	18 623	4 314	3 363	8 741	13 419
2002-03										
Total	\$m	74.9	64.8	55.8	45.1	29.7	2.9	1.4	1.5	276.1
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.6
Per 1000 people	\$	11 283	13 333	15 029	23 450	19 561	6 237	4 342	7 620	14 057

**Table 8A.28 Ambulance service organisations' funding per 1000 people (2004-05 dollars) (a)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas (b)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (c)</i>
2003-04										
Total	\$m	70.8	62.4	48.3	46.1	32.8	3.2	1.3	1.1	265.9
Population	m	6.7	4.9	3.8	1.9	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	10 590	12 699	12 702	23 628	21 504	6 614	4 033	5 661	13 380
2004-05										
Total	\$m	72.9	66.9	51.8	51.9	36.1	3.6	1.5	1.7	286.3
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$	10 827	13 450	13 350	26 194	23 509	7 495	4 515	8 474	14 238

(a) Funding levels are adjusted using the Australian Bureau of Statistics (ABS) GDP price deflator 2004-05 = 100 (table A.26) to arrive at a constant price measure.

(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.

(d) Other revenue is equal to the sum of subscriptions, donations and miscellaneous revenue.

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

# All jurisdictions — road rescue events

Table 8A.29 **Reported road rescue incidents**

	<i>Unit</i>	<i>NSW</i>	<i>Vic (a)</i>	<i>Qld (b)</i>	<i>WA (c)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
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
2004-05	no.	6 512	2 317	5 360	863	2 619	545	597	73	18 886
Incidents per 100 000 persons										
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	51.8	117.4	6.2	177.4	82.1	239.4	171.2	95.2
2004-05	no.	96.7	46.6	138.1	43.5	170.7	113.0	184.2	36.5	93.9

(a) In Victoria, SES incidents reported are those where the SES responded as the primary rescue crew.

(b) QFRS Rural Incident Database does not currently record the necessary information to satisfactorily calculate this measure.

(c) The apparent rise in the number of road rescue incidents in 2004-05 is due to improved counting methods. Volunteer Emergency Service incidents not included.

*Source:* State and Territory governments (unpublished).



Table 8A.30

Table 8A.30 **Reported number of road rescue extrications**

		<i>NSW</i>	<i>Vic (a)</i>	<i>Qld (b)</i>	<i>WA (c)</i>	<i>SA (d)</i>	<i>Tas</i>	<i>ACT (e)</i>	<i>NT</i>	<i>Aust</i>
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
2004-05	no.	4 657	1 002	717	802	241	117	104	68	7 708
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.	35.0	20.1	19.7	4.6	34.1	21.8	26.0	57.9	25.1
2004-05	no.	69.2	20.1	18.5	40.5	15.7	24.3	32.1	34.0	38.3
Extrications per 100 000 registered vehicles										
2002-03	no.	16.8	32.0	26.6	7.8	45.5	30.2	5.3	101.8	25.0
2003-04	no.	59.1	28.2	29.4	6.2	48.4	30.9	39.6	110.9	37.8
2004-05	no.	114.7	28.3	26.9	54.5	22.3	33.3	48.2	63.8	57.1
Extrications per million vehicle kilometres travelled people										
2002-03	no.	10.7	21.4	17.8	5.6	32.2	22.8	3.5	61.3	16.7
2003-04	no.	37.6	17.9	19.2	4.3	34.8	22.4	26.3	73.1	24.7
2004-05	no.	79.1	19.1	17.2	37.6	15.8	25.7	32.2	42.7	38.7

(a) In Victoria, SES incidents reported are those where the SES responded as the primary rescue crew.

(b) QFRS Rural Incident Database does not currently record the necessary information to calculate this measure.

(c) The apparent rise in the number of road rescue extrications in WA is due to improved counting methods. Extrications by Emergency Services Volunteers are not included.

(d) SES extrications are not available for 2004-05.

(e) There has been an increasing trend toward requiring extrication at road accident rescues.

Sources: State & Territory governments (unpublished), ABS *Survey of Motor Vehicle Use*, Cat. No. 9208.0

# 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 (c)	WA (d)	SA (e)	Tas (f)	ACT	NT	Aust
2002-03									
Operational/non-operational volunteers									
Operational	na	na	na	2 308	na	485	130	na	na
Non-operational	na	na	na	na	na	na	50	na	na
Active/non-active volunteers									
Active	7 089	3 990	9 883	na	na	na	na	na	na
Non-active	1 983	1 139	8 382	na	na	na	na	na	na
<b>Total</b>	<b>9 072</b>	<b>5 129</b>	<b>18 265</b>	<b>2 308</b>	<b>6 808</b>	<b>550</b>	<b>180</b>	<b>539</b>	<b>42 851</b>
2003-04									
Operational/non-operational volunteers									
Operational	na	na	na	2 039	2 050	464	180	na	4 719
Non-operational	na	na	na	na	na	na	50	na	na
Active/non-active volunteers									
Active	7 956	3 299	9 626	2 039	2 050	na	na	na	20 881
Non-active	2 070	1 540	7 585	na	na	na	na	na	11 195
<b>Total</b>	<b>10 026</b>	<b>4 839</b>	<b>17 211</b>	<b>2 039</b>	<b>2 050</b>	<b>450</b>	<b>180</b>	<b>582</b>	<b>37 377</b>
2004-05									
Operational/non-operational volunteers									
Operational	–	na	na	2 015	1 998	575	194	495	–
Non-operational	–	na	na	na	na	na	50	na	–
Active/non-active volunteers									
Active	8 256	3 260	9 589	2 015	1 998	na	194	495	25 807
Non-active	1 579	1 090	2 867	na	na	na	50	na	5 586
<b>Total</b>	<b>9 835</b>	<b>4 350</b>	<b>12 456</b>	<b>2 015</b>	<b>1 998</b>	<b>575</b>	<b>244</b>	<b>495</b>	<b>31 393</b>

(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).

(c) The decrease in numbers in 2004-05 is the result of an audit of volunteer records that identified and removed records of volunteers who have left the SES.

(d) Does not include 494 Volunteer Emergency Service members (included as FSO members).

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

(f) SES only has operational volunteers.

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**

Development stage	NSW (a)	Vic (b)	Qld (c)	WA	SA	Tas (d)	ACT (e)	NT
	Operating	Operating	Operating	Operating	Investigating	Operating	Operating	Operating
Agency involvement	Fire Brigades	Metropolitan Fire and Emergency Services Board	Fire and Rescue Service	Fire and Rescue Emergency Services Authority	Metropolitan Fire Service	Tasmania Fire Service (all brigades)	Fire Brigade	Fire and Rescue
	Rural Fire Service	Country Fire Authority	Ambulance Service	Fire and Rescue Service	Country Fire Service	Ambulance Service	Ambulance	St John Ambulance
	NSW Ambulance Service	Metropolitan Ambulance Service		Local Government Bush Fire Brigades	Ambulance Service		Rural Fire Service	TES
Future agency involvement	Complete	SES Police	Complete	SES Complete	SES Police	Complete	SES Complete	Police 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

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

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

Source: State and Territory governments (unpublished).

Table 8A.33

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

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
Bushfire risk management strategies	Implementation of bushfire risk management plans 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 Code of Practice control Fire access road subsidy scheme Integrate fire management planning with municipalities and other agencies Roadside fire management planning.	Bushfire risk management profile under development	Partnership agreements between Fire and Emergency Services Authority (FESA) and local governments and between FESA and the Department of Conservation and Land Management	Comprehensive Statewide bushfire prevention planning process with a local government focus	Development of Fire Protection Plans for areas at risk from bushfire. Establishment of Multi-Agency Coordination Group comprising TFS, Forestry Tasmania and the Parks & Wildlife Service to jointly manage significant landscape fires	Strategic Bushfire Management Plan (Version 1) came into effect in January 2005. The Plan outlines a strategic risk management approach to bushfires and includes: risk assessment, prevention, preparedness, response, recovery, standards monitoring and reporting, and resource planning. Community Fire Units commenced. Permit system, in accordance with Emergencies Act, 2004, to control the number, type, and location of prescribed fires during the bushfire season. MOUs between the ESA and other government agencies, both ACT and NSW.	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)

NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
Static Water Supply Program		Community Fire Units	FESA provides 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 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)**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
Community awareness and fire education programs	School fire education programs; Preschool fire education; Aboriginal Fire Stories; Juvenile Intervention and Fire Awareness Program; Partnerships with agencies with similar objectives; Development and distribution of education teaching resources, community safety videotapes, fact sheets available	Community Fire Awareness Programs 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 Fight Fire Fascination	Community fire education programs	Community fire safe community fireguard safety education for junior and primary schools	Specific fire programs for at-risk sectors of domestic and business community	Fire Ed (primary school fire safety education) Road Awareness and Accident Prevention program (RAAP) - targets yr 11 students and aims to reduce road fatality rate in 17-24 yr olds Community Liaison and Safety Program (CLASP) - assists older people to reduce safety and security risks in the home	Community fire awareness programs	Development and distribution of school education teaching resources, television programs, videotapes, maps and bushfire action guides by EMA
							Juvenile Firelighting Awareness Intervention Program (JFAIP) - fire prevention program to children 3-16 yrs presenting with dangerous firelighting behaviours Bush FireWise program - provide information and increase resilience of community living in rural interface Revised Yellow Pages incorporating the 'Handy Map' Extensive consultation in lead up to SBMP Televised community service announcements Attendance at The Canberra Show Publication of several community information booklets		

Table 8A.33

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

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
			School education programs	School education programs	Partnerships with agencies with similar objectives			School education programs	Enhancement of Disaster Education in Schools in EMA website
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 mandating hard wired smoke alarms in all new homes and those undergoing major renovations	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
								Hazard abatement programs	

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

(b) Some jurisdictions also operate ambulance risk management/mitigation strategies.

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

Table 8A.34

**Table 8A.34 Prevention activities of fire service organisations**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
Promotion of:								
Smoke alarms	✓	✓	✓	✓	✓	✓	✓	✓
Maintenance of smoke alarms	✓	✓	✓	✓	✓	✓	✓	✓
Safety switches	✓	✓	✓	✓	✓	✓	✓	✓
Fire extinguishers	✓	✓	✓	✓	✓	✓	✓	✓
Fire blankets	✓	✓	✓	✓	✓	✓	✓	✓
General prevention and awareness for:	✓	✓	✓	✓	✓	✓	✓	✓
Residential	✓	✓	✓	✓	✓	✓	✓	✓
Business and government	✓	✓	✓	✓	✓	✓	✓	✓
Industry	✓	✓	✓	✓	✓	✓	✓	✓
Rural/farming	✓	✓	✓	✓	✓	✓	✓	✓
Targeted programs for:	✓	✓	✓	✓	✓	✓	✓	✓
Cultural and language diversity groups	✓	✓	✓	✓	✓	X	X	X
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	X
Other	✓	✓	✓	✓	✓	✓	X	✓
Fire response								
Structural fire suppression	✓	✓	✓	✓	✓	✓	✓	✓
Wild fire suppression	✓	✓	✓	✓	✓	✓	✓	✓
Response to incident involving hazardous substances	✓	✓	✓	✓	✓	✓	✓	✓
Interagency response/incident management arrangements	✓	✓	✓	✓	✓	✓	✓	✓
Other	✓	✓	✓	✓	✓	✓	✓	✓
Nonfire response								
Hazardous materials incidents	✓	✓	✓	✓	✓	✓	✓	✓
Chemical biological and radiological incidents	✓	✓	✓	✓	✓	✓	✓	✓
Aircraft/airport incident response	✓	✓	✓	✓	✓	✓	✓	✓
Medical emergencies	X	✓	X	X	X	✓	✓	✓
Road rescue	✓	✓	✓	✓	✓	✓	✓	✓
Industrial rescue	✓	✓	✓	✓	✓	✓	✓	✓
Rescue	✓	✓	✓	✓	✓	✓	✓	✓
Natural events	✓	✓	✓	✓	✓	✓	✓	✓
Marine response	✓	✓	X	✓	✓	X	✓	✓
Technological and hazardous material incidents	✓	✓	✓	✓	✓	✓	✓	✓
Emergency relief and recovery	✓	✓	✓	✓	✓	✓	X	X
Fire recovery								
Critical incident stress debriefing	✓	✓	✓	✓	✓	✓	✓	✓
Salvage and restoration of the emergency event to a safe state	✓	✓	✓	✓	✓	✓	✓	✓
Support for the community	✓	✓	✓	✓	✓	X	✓	X
Post incident analysis of events	✓	✓	✓	✓	✓	✓	✓	✓

Source: State and Territory governments (unpublished).

Table 8A.36

Table 8A.36 **All activities of State Emergency Services and Territory Emergency Services**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
Storm damage	✓	✓	✓	✓	✓	✓	✓	✓
Flood response	✓	✓	✓	✓	✓	✓	✓	✓
Road rescue	✓ (a)	✓	✓	✓ (a)	✓	✓	X	✓
Earthquakes	✓ (a)	✓	✓	✓	✓	✓	✓ (a)	✓
Civil defence	✓	✓	✓	✓	✓	✓	✓	✓
Land search and rescue	✓ (a)	✓ (a)	✓	✓ (a)	✓	✓	✓ (a)	✓
Inland search and rescue	✓ (a)	✓ (a)	✓	✓ (a)	✓	✓	X	✓
Offshore search and rescue (b)	X	✓ (a)	✓	✓ (a)	✓	X	X	✓
Diving	X	✓ (a)	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)	✓ (a)	✓	✓ (a)	✓ (a)	✓	✓ (a)	✓	✓
Vertical rescue	✓ (a)	✓	✓ (a)	✓	✓	✓	X	✓
Public safety awareness and education	✓	✓	✓	✓	✓	✓	✓	✓
Tropical cyclone response	X	X	✓	✓	X	X	X	✓
Tsunami response	✓	X	✓	✓	X	X	X	X

(a) 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)

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

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

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

(e) Treatment includes all four response agencies: the ACT Fire Brigade, the ACT Rural Fire Service, the ACT State 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)

	NSW	Vic	Qld	SA	Tas	ACT	NT	Aus Gov
<b>Fires</b>	NSW Fire Brigades	Melbourne Fire and Emergency Services Board	Qld Fire and Rescue Service	Country Fire Services	Tasmania Fire Service	ACT Emergency Services Authority	NT Fire and Rescue Service	Airservices Australia (Rescue and Fire Fighting Service)
	NSW Rural Fire Service	Country Fire Authority	Qld Police Service	Metropolitan Fire Service	Forestry Tasmania	ACT Fire Brigade	Bushfires Council of NT	Defence
	NSW Police Service	Department of Sustainability and Environment	Department of Natural Resources	Local governments	Parks and Wildlife	ACT Rural Fire Service	Aviation Rescue and Fire Fighting Authority	Emergency Management Australia
	Ambulance Service of NSW	Parks Victoria	National Parks and Wildlife	Forest Products Commission		Department of Urban Services	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)					
<b>Medical transport and emergencies</b>	Ambulance Service of NSW	Metropolitan Ambulance Victoria	Qld Ambulance Service	SA Ambulance Service	Tasmania Ambulance Service	ACT Emergency Services Authority	St John Ambulance	
	NSW Health	Rural Ambulance Victoria	Qld Rescue	FESA		ACT Ambulance Service	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					
<b>Rescues</b>	NSW Fire Brigades	Melbourne Fire and Emergency Services Board	Qld Fire and Rescue Service	State Emergency Service	Tasmania Police	ACT Emergency Services Authority	NT Fire and Rescue Service	Australian Maritime Safety Authority
	NSW Police Service	Country Fire Authority	Qld SES	FESA Fire Services	State Emergency Service	ACT Fire Brigade	NT Emergency Services	Defence



Table 8A.38

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

	NSW	Vic	Qld	SA	Tas	ACT	NT	Aus Gov
	Ambulance Service of NSW	Victoria SES	Qld Ambulance Service	FESA SES (support)	Tasmania Fire Service	Australian Federal Police	NT Police	Australian Customs Service
	NSW SES	Victoria Police	Qld Police Service	FESA Volunteer Marine Rescue Services	Tasmania Ambulance Service	ACT State Emergency 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						
	State Emergency Service	Building Control Commissioner Victoria State Emergency Service	Local government	FESA SES (support)	State Emergency Service	ACT Emergency Services Authority	NT Emergency Service	Emergency Management Australia
Natural events	NSW Police Service	Victoria Police	Qld State Emergency Service	FESA Fire Services	Department of Police and Public Safety	Australian Federal Police	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 Fire Brigade	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

Table 8A.38

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

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
Natural events (continued)	Department of Public Works and Services	Volunteer groups	Environmental Protection Agency	Department of Agriculture		Department of Health and Human Services	ACT Rural Fire Service		Australian Building Codes Board
	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

Table 8A.38

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

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
	Ambulance Service of NSW	Rural Ambulance Victoria	Qld Ambulance Service	St John Ambulance		Department of Police and Public Safety		MBT	Civil Aviation Safety Authority
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			
		Parks Victoria		Department of Planning and Infrastructure		Local government authorities			
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	

Table 8A.38

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

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
	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
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)	ACT Emergency Services Authority	NT TES	Department Family and Community Services
	NSW Police Service	Department of Human Services (Public Health)	Department of Families	Utility agencies		Salvation Army	Department Community Services	Territory Health Services	Centrelink
	Department of Public Works and Services	Church/charitable organisations	Local government	Department of Health		Department of Infrastructure and Resources	Department Urban Services	Government departments	Department Transport and Regional Services
	Department of Community Services	Victoria SES	Qld SES	Department of Premier and Cabinet		Local government	ACT State Emergency Service	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			Department of Treasury and Agriculture					
	St. Vincent De Paul			Department of Environment, Catchment and Water Protection					
	Department of Transport	Vic Roads							
	Department of Education	Utility companies							
	Ethnic Affairs								
	Salvation Army								

Table 8A.38

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

	NSW	Vic	Q/d	SA	Tas	ACT	NT	Aus Gov
	Seventh Day Adventist							
	Local government authorities							
				Department Mineral and Petroleum Resources				
				Department Planning and Infrastructure				

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

(b) Organisations are ordered by level of involvement in each event type. That is, the first mentioned organisation for each jurisdiction under each event type is the most involved 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).

Table 8A.39

**Table 8A.39                      Reported fires and other primary incidents, urban and rural inclusions and exclusions (number) (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
2003-04								
Reported fires and other primary incidents attended by fire service organisations	✓	✓	✓	✓	✓	✓	x	x
Accidental residential structure fires reported to fire service organisations	✓	✓	x	✓	✓	✓	x	✓
Median \$ loss	x	✓	✓	✓	✓	✓	x	x
Total property loss from structure fire per person	x	✓	✓	✓	✓	✓	x	x
Total fire incidents per 100 000 people	✓	✓	✓	✓	✓	✓	x	x
Response times to structure fires	✓	✓	x	✓	✓	✓	x	✓
Structure fires contained to the room of origin	x	✓	x	✓	x	✓	x	✓
2002-03								
Total incidents	✓	✓	x	✓	✓	✓	✓	x
Median \$ loss	x	✓	x	✓	✓	✓	✓	x
Loss per person	x	✓	x	✓	✓	✓	✓	x
Total fire incidents	✓	✓	x	✓	✓	✓	✓	x
Response times	✓	✓	x	✓	✓	✓	✓	x
Room of origin	x	x	x	✓	x	✓	na	x
2001-02								
Total incidents	✓	✓	x	✓	✓	✓	✓	x
Median \$ loss	x	✓	x	✓	✓	✓	✓	x
Loss per person	na	✓	x	✓	✓	✓	✓	x
Total fire incidents	✓	✓	x	✓	✓	✓	✓	x
Response times	x	✓	x	✓	✓	✓	✓	x
Room of origin	x	x	x	✓	x	✓	na	x
2000-01								
Total incidents	✓	✓	✓	✓	✓	✓	✓	x
Median \$ loss	✓	✓	x	✓	✓	✓	✓	x
Loss per person	na	✓	✓	✓	✓	✓	✓	x
Total fire incidents	✓	✓	✓	✓	✓	✓	✓	x
Response times	✓	✓	x	✓	x	x	✓	x
Room of origin	✓	x	x	✓	x	✓	na	x

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

**na** Not available. **✓** Includes. **x** Excludes.

Source: State and Territory governments (unpublished).