

# 9A Emergency management — attachment

Definitions for the indicators and descriptors in this attachment are in section 9.8 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 Council 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 9A.1

Table 9A.1 Major sources of fire service organisations' funding (2006-07 dollars) (a)

	Unit	NSW	Vic (b)	Qld	WA	SA	Tas	ACT (c)	NT	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	-	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>99.9</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										
Total government grants	%	18.6	25.0	20.9	36.6	0.1	12.3	89.2	89.7	22.0
Total levies										
Total levies	%	59.3	67.8	71.7	59.3	93.4	72.5	-	-	64.8
User charges										
User charges	%	3.0	2.9	4.8	1.8	2.8	11.9	0.5	10.0	3.5
Miscellaneous revenue										
Miscellaneous revenue	%	18.9	4.3	2.5	2.3	3.7	3.3	0.6	0.3	9.5
Indirect government funding										
Indirect government funding	%	<b>0.1</b>	-	-	-	-	-	<b>9.7</b>	-	<b>0.2</b>
<b>Total</b>	%	<b>100.0</b>	<b>100.0</b>	<b>99.9</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										
Total government grants	\$m	140.8	111.6	70.2	43.0	0.1	7.0	29.9	16.4	419.0
Total levies										
Total levies	\$m	449.1	301.9	240.7	69.7	132.0	41.0	-	-	1 234.4
User charges										
User charges	\$m	22.9	12.9	16.1	2.2	3.9	6.7	0.2	1.8	66.6
Miscellaneous revenue										
Miscellaneous revenue	\$m	143.1	19.1	8.5	2.7	5.3	1.9	0.2	0.1	180.8
Indirect government funding										
Indirect government funding	\$m	1.0	-	-	-	-	-	3.3	-	4.3
<b>Total</b>	\$m	<b>756.9</b>	<b>445.5</b>	<b>335.6</b>	<b>117.5</b>	<b>141.2</b>	<b>56.5</b>	<b>33.5</b>	<b>18.2</b>	<b>1 905.0</b>

Table 9A.1

Table 9A.1 Major sources of fire service organisations' funding (2006-07 dollars) (a)

	Unit	NSW	Vic (b)	Qld	WA	SA	Tas	ACT (c)	NT	Total
2003-04										
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	—	—	—	—	—	—	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	%	—	—	—	—	—	—	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	%	—	—	—	—	—	—	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	\$m	119.7	105.3	69.8	1.3	0.4	5.7	32.1	16.3	350.7
Total levies	\$m	484.1	345.6	243.6	127.4	138.8	39.5	—	—	1 379.0
User charges	\$m	21.0	18.4	18.4	1.5	2.9	7.3	4.5	1.6	75.5
Miscellaneous revenue	\$m	24.0	25.8	6.6	2.7	5.4	2.4	2.7	0.1	69.5
Indirect government funding	\$m	—	—	—	—	—	—	3.5	—	3.5
<b>Total</b>	<b>\$m</b>	<b>648.8</b>	<b>495.1</b>	<b>338.4</b>	<b>132.8</b>	<b>147.5</b>	<b>54.9</b>	<b>42.8</b>	<b>18.0</b>	<b>1 878.3</b>

Table 9A.1

Table 9A.1 Major sources of fire service organisations' funding (2006-07 dollars) (a)

	Unit	NSW	Vic (b)	Qld	WA	SA	Tas	ACT (c)	NT	Total
2004-05										
Government grants										
Australian	%	0.1	1.8	1.2	0.9	0.1	0.7	-	2.7	0.8
State/Territory	%	15.7	14.6	15.7	12.4	-	11.0	78.7	86.9	16.2
Local	%	8.5	5.7	-	-	-	-	-	-	4.6
Levies										
On insurance companies	%	66.9	67.8	-	-	-	29.3	-	-	42.9
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	8.5	4.0
Miscellaneous revenue	%	2.8	5.0	2.0	1.6	2.2	3.7	0.4	1.9	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										
Total levies	%	69.7	69.7	75.9	83.3	95.6	71.6	-	-	71.2
User charges	%	3.2	3.2	5.2	1.8	2.1	13.0	15.6	8.5	4.0
Miscellaneous revenue	%	2.8	5.0	2.0	1.6	2.2	3.7	0.4	1.9	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										
Total levies	\$m	165.7	114.4	54.8	16.8	0.1	6.3	37.5	18.6	414.3
User charges	\$m	21.9	16.3	17.0	2.3	3.1	7.1	7.4	1.8	76.8
Miscellaneous revenue	\$m	19.1	26.0	6.6	2.1	3.3	2.0	0.2	0.4	59.6
Indirect government funding	\$m	-	-	-	-	-	-	3.4	-	3.4
<b>Total</b>	<b>\$m</b>	<b>682.8</b>	<b>518.0</b>	<b>325.2</b>	<b>126.6</b>	<b>145.8</b>	<b>54.3</b>	<b>48.6</b>	<b>20.7</b>	<b>1 922.0</b>

Table 9A.1

Table 9A.1 Major sources of fire service organisations' funding (2006-07 dollars) (a)

	Unit	NSW	Vic (b)	Qld	WA	SA	Tas	ACT (c)	NT	Total
2005-06										
Government grants										
Australian	%	—	1.3	1.3	1.0	1.0	0.7	—	2.6	0.8
State/Territory	%	14.3	14.9	15.9	18.3	na	7.5	79.6	84.5	16.3
Local	%	8.6	5.7	—	—	na	na	—	—	4.6
Levies										
On insurance companies	%	68.2	66.4	—	—	na	30.5	—	—	42.8
On property owners	%	2.8	1.7	75.1	77.5	94.6	46.1	—	—	27.8
User charges	%	1.9	3.6	5.7	1.7	1.5	12.9	16.1	9.1	3.7
Miscellaneous revenue	%	4.1	6.4	1.9	1.5	2.8	2.3	0.1	3.8	3.9
Indirect government funding	%	—	—	—	—	—	na	4.2	—	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	%	22.9	21.9	17.2	19.3	1.0	8.2	79.6	87.1	21.7
Total levies	%	71.0	68.1	75.1	77.5	94.6	76.6	—	—	70.6
User charges	%	1.9	3.6	5.7	1.7	1.5	12.9	16.1	9.1	3.7
Miscellaneous revenue	%	4.1	6.4	1.9	1.5	2.8	2.3	0.1	3.8	3.9
Indirect government funding	%	—	—	—	—	—	na	4.2	—	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	160.1	118.9	57.4	27.4	1.5	4.1	43.1	19.0	431.4
Total levies	\$m	495.6	369.6	250.2	110.0	139.6	38.1	—	—	1 403.2
User charges	\$m	13.1	19.3	18.9	2.4	2.3	6.4	8.7	2.0	73.1
Miscellaneous revenue	\$m	28.9	34.8	6.4	2.2	4.1	1.2	0.1	0.8	78.5
Indirect government funding	\$m	—	—	—	—	—	na	2.3	—	2.3
<b>Total</b>	\$m	<b>697.7</b>	<b>542.6</b>	<b>333.0</b>	<b>142.0</b>	<b>147.5</b>	<b>49.7</b>	<b>54.1</b>	<b>21.8</b>	<b>1 988.4</b>



Table 9A.1

Table 9A.1 Major sources of fire service organisations' funding (2006-07 dollars) (a)

	Unit	NSW	Vic (b)	Qld	WA	SA	Tas	ACT (c)	NT	Total
2006-07										
Government grants										
Australian	%	—	0.8	1.4	2.0	0.4	0.9	—	1.4	0.7
State/Territory	%	21.9	43.3	16.8	26.0	0.2	13.0	70.8	86.0	29.2
Local	%	7.7	3.5	—	0.7	—	—	—	—	3.7
Levies										
On insurance companies	%	61.8	41.4	—	—	—	24.2	—	—	34.3
On property owners	%	2.9	1.0	73.3	64.1	94.9	46.1	—	—	23.6
User charges	%	1.7	2.4	6.9	1.7	2.3	12.4	17.1	9.0	3.3
Miscellaneous revenue	%	4.1	7.7	1.7	5.4	2.2	3.4	11.7	3.6	5.2
Indirect government funding	%	—	—	—	—	—	—	0.4	—	0.0
<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										
Total government grants	%	29.6	47.5	18.2	28.8	0.6	13.9	70.8	87.3	33.6
Total levies										
Total levies	%	64.7	42.4	73.3	64.1	94.9	70.3	—	—	57.9
User charges										
User charges	%	1.7	2.4	6.9	1.7	2.3	12.4	17.1	9.0	3.3
Miscellaneous revenue										
Miscellaneous revenue	%	4.1	7.7	1.7	5.4	2.2	3.4	11.7	3.6	5.2
Indirect government funding										
Indirect government funding	%	—	—	—	—	—	—	0.4	—	0.0
<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										
Total government grants	\$m	228.9	422.7	62.5	65.6	0.9	7.4	35.7	19.3	842.9
Total levies										
Total levies	\$m	501.1	377.3	251.9	146.1	139.1	37.6	—	—	1 452.9
User charges										
User charges	\$m	12.9	21.7	23.7	3.9	3.4	6.6	8.6	2.0	82.8
Miscellaneous revenue										
Miscellaneous revenue	\$m	31.7	68.3	5.8	12.3	3.2	1.8	5.9	0.8	129.7
Indirect government funding										
Indirect government funding	\$m	—	—	—	—	—	—	0.2	—	0.2
<b>Total</b>	\$m	<b>774.6</b>	<b>889.9</b>	<b>343.9</b>	<b>227.8</b>	<b>146.6</b>	<b>53.4</b>	<b>50.4</b>	<b>22.0</b>	<b>2 508.7</b>

Table 9A.1

Table 9A.1 Major sources of fire service organisations' funding (2006-07 dollars) (a)

	Unit	NSW	Vic (b)	Qld	WA	SA	Tas	ACT (c)	NT	Total
(a)	Funding levels are adjusted using the Australian Bureau of Statistics (ABS) GDP price deflator 2006-07 = 100 (table AA.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)	Vic: 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 2006-07 year is the first in which the Victorian data includes revenue for the Department of Sustainability and Environment (DSE) and explains the marked increase in the 'Total government grants' item for that year.									
(c)	ACT: The increase in 2005-06 is due to a significant upgrade of Emergency Services Communications systems and inclusion of Joint Emergency Services Training Costs. In 2006-07 funding is included under 'miscellaneous revenue' for the placement of an Ericson sky crane in the ACT as part of the National Aerial Firefighting Strategy.									
	na Not available – Nil or rounded to zero.									

Source: State and Territory Governments (unpublished).

Table 9A.2

Table 9A.2 Reported fires and other primary incidents attended to by fire service organisations (no.) (a)

	NSW	Vic (b)	Qld (c)	WA (d)	SA (e)	Tas (f)	ACT (g)	NT	Aust
2002-03									
Fires									
Fires in a structure, involving a structure	7 301	6 128	2 504	1 398	1 906	780	280	130	20 427
Landscape fires, bush and grass	21 510	8 005	13 042	9 072	3 642	2 737	623	2 137	60 768
Other fires	18 084	10 255	5 319	4 226	3 344	1 211	640	284	43 363
<b>Total fires</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	10 529	6 856	9 231	817	3 347	393	1 096	517	32 786
Hazardous conditions	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	5 258	3 880	2 450	585	1 639	275	699	-	14 786
Good intent calls	11 357	8 516	4 540	1 652	1 236	921	690	53	28 965
Malicious false calls	6 491	3 002	1 728	320	765	170	242	127	12 845
System initiated false alarms	48 253	10 179	16 042	6 079	4 599	1 149	4 744	2 202	93 247
Other	7 419	4 768	4 280	1 757	5 582	2 410	316	813	27 345
<b>Total other emergencies and incidents</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>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>
2003-04									
Fires									
Fires in a structure, involving a structure	7 192	5 989	2 538	1 391	1 833	762	245	119	20 069
Landscape fires, bush and grass	16 266	6 130	9 376	8 387	3 182	2 124	238	1 704	47 407
Other fires	18 036	9 258	5 335	4 083	3 757	1 164	522	269	42 424
<b>Total fires</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>
Other emergencies and incidents									
Nonfire rescue calls including road rescue	11 047	7 190	10 501	804	3 596	452	1 082	551	35 223

Table 9A.2

Table 9A.2 Reported fires and other primary incidents attended to by fire service organisations (no.) (a)

	NSW	Vic (b)	Qld (c)	WA (d)	SA (e)	Tas (f)	ACT (g)	NT	Aust
Hazardous conditions	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	6 836	2 955	2 702	612	1 809	318	974	183	16 389
Good intent calls	11 281	8 504	4 574	1 315	1 699	844	537	157	28 911
Malicious false calls	6 140	2 831	1 752	243	838	136	174	86	12 200
System initiated false alarms	48 185	10 188	16 890	6 367	5 239	3 348	5 162	2 506	97 885
Other	8 122	3 779	4 907	1 436	4 042	54	113	294	22 747
<b>Total other emergencies and incidents</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 determined or not classified	3 270	—	428	—	—	329	—	70	4 097
<b>Total fires, other emergencies and incidents</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>
2004-05									
Fires									
Fires in a structure, involving a structure	6 917	5 804	2 424	1 437	1 433	741	279	140	19 175
Landscape fires, bush and grass	17 157	5 823	12 989	7 598	2 877	2 133	217	1 882	50 676
Other fires	18 978	9 110	5 284	4 525	3 405	1 193	546	286	43 327
<b>Total fires</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	11 846	7 303	11 769	959	3 324	549	1 285	597	37 632
Hazardous conditions	12 532	6 931	3 046	980	1 557	235	224	152	25 657
Calls to floods, storm and tempest and other natural disasters	6 638	3 155	2 204	734	1 903	319	698	174	15 825
Good intent calls	11 166	9 745	4 260	1 464	1 538	964	436	180	29 753
Malicious false calls	5 338	2 596	1 553	326	588	169	145	114	10 829
System initiated false alarms	47 990	10 357	18 163	7 406	3 870	3 491	4 586	1 740	97 603
Other	9 947	3 822	2 513	284	4 288	290	1 067	455	22 666
<b>Total other emergencies and incidents</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>
Incident type not determined or not classified	na	na	na	na	na	na	na	na	na

Table 9A.2

## Table 9A.2 Reported fires and other primary incidents attended to by fire service organisations (no.) (a)

	NSW	Vic (b)	Qld (c)	WA (d)	SA (e)	Tas (f)	ACT (g)	NT	Aust
<b>Total fires, other emergencies and incidents</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>
<b>Fires</b>									
Fires in a structure, involving a structure	7 342	5 574	2 720	1 348	1 455	696	331	144	19 610
Landscape fires, bush and grass	19 604	5 534	8 780	6 567	2 371	1 775	263	1 338	46 232
Other fires	19 118	9 124	5 305	3 675	3 840	1 358	681	357	43 458
<b>Total fires</b>	<b>46 064</b>	<b>20 232</b>	<b>16 805</b>	<b>11 590</b>	<b>7 666</b>	<b>3 829</b>	<b>1 275</b>	<b>1 839</b>	<b>109 300</b>
<b>Other emergencies and incidents</b>									
Nonfire rescue calls including road rescue	12 929	6 127	13 722	876	4 158	527	1 246	653	40 238
Hazardous conditions	12 481	6 097	3 202	928	1 830	234	191	211	25 174
Calls to floods, storm and tempest and other natural disasters	6 607	4 459	2 352	814	2 259	392	1 095	184	18 162
Good intent calls	12 922	7 821	4 212	1 290	1 617	1 047	592	246	29 747
Malicious false calls	5 061	2 005	1 584	264	629	141	161	95	9 940
System initiated false alarms	49 270	9 224	20 699	7 540	5 016	3 784	5 313	2 307	103 153
Other	9 495	11 387	2 044	759	4 580	49	450	454	29 218
<b>Total other emergencies and incidents</b>	<b>108 765</b>	<b>47 120</b>	<b>47 815</b>	<b>12 471</b>	<b>20 089</b>	<b>6 174</b>	<b>9 048</b>	<b>4 150</b>	<b>255 632</b>
Incident type not determined or not classified	—	38	8	—	45	228	—	—	na
<b>Total fires, other emergencies and incidents</b>	<b>154 829</b>	<b>67 390</b>	<b>64 628</b>	<b>24 061</b>	<b>27 800</b>	<b>10 231</b>	<b>10 323</b>	<b>5 989</b>	<b>364 932</b>
<b>Fires</b>									
Fires in a structure, involving a structure	6 971	6 233	2 747	1 452	1 534	708	278	146	20 069
Landscape fires, bush and grass	17 684	10 008	10 912	7 343	3 170	2 441	481	1 714	53 753
Other fires	18 597	11 143	5 526	4 128	4 352	1 517	838	394	46 495
<b>Total fires</b>	<b>43 252</b>	<b>27 384</b>	<b>19 185</b>	<b>12 923</b>	<b>9 056</b>	<b>4 666</b>	<b>1 597</b>	<b>2 254</b>	<b>120 317</b>
<b>Other emergencies and incidents</b>									

Table 9A.2

Table 9A.2 Reported fires and other primary incidents attended to by fire service organisations (no.) (a)

	NSW	Vic (b)	Qld (c)	WA (d)	SA (e)	Tas (f)	ACT (g)	NT	Aust
Nonfire rescue calls including road rescue	14 970	8 591	16 109	1 590	4 535	990	1 278	624	48 687
Hazardous conditions	13 523	6 959	3 304	917	1 939	249	239	181	27 311
Calls to floods, storm and tempest and other natural disasters	7 864	4 034	2 686	857	2 000	409	941	181	18 972
Good intent calls	13 628	10 865	4 717	1 456	1 978	1 206	636	345	34 831
Malicious false calls	5 093	2 547	1 752	321	591	169	181	111	10 765
System initiated false alarms	49 724	13 026	19 130	7 688	4 799	3 771	5 361	2 359	105 858
Other	9 757	1 928	1 778	831	4 796	69	444	408	20 011
<b>Total other emergencies and incidents</b>	<b>114 559</b>	<b>47 950</b>	<b>49 476</b>	<b>13 660</b>	<b>20 638</b>	<b>6 863</b>	<b>9 080</b>	<b>4 209</b>	<b>266 435</b>
Incident type not determined or not classified	423	1	–	–	50	291	–	–	na
<b>Total fires, other emergencies and incidents</b>	<b>158 234</b>	<b>75 335</b>	<b>68 661</b>	<b>26 583</b>	<b>29 744</b>	<b>11 820</b>	<b>10 677</b>	<b>6 463</b>	<b>386 752</b>

(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) Vic: Landscape fires data include incidents from the Department of Sustainability and Environment from 2004-05 onwards. Due to data collection issues, data is incomplete for 2005-06. Some degree of duplicate counting may be present across Country Fire Authority and Department of Sustainability and Environment figures. This will be resolved in the 2007-08 data return.

(c) Qld: 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) WA: Data includes reported turnouts by career and volunteer services for all areas of the State.

(e) SA: MFS industrial action: 18/4/05 0800 hrs to 20/06/05 1800 hrs (no incident reports completed during this period).

(f) Tas: Figures include data provided by all fire brigades, both full-time and volunteer.

(g) ACT: The January 2003 bushfires included in the 2002-03 data have been counted as one event.

na Not available. – Nil or rounded to zero.

Source: State and Territory governments (unpublished).

Table 9A.3

**Table 9A.3 Fire service organisations and land management agencies reported total landscape fires (bush and grass) incidents (a)**

		NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas (g)	ACT (h)	NT (i)	Aust
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
2005-06	no.	19 806	5 534	8 780	6 981	2 371	1 775	263	1 338	46 848
2006-07	no.	17 993	10 008	10 912	7 836	3 170	2 441	481	1 714	54 555

- (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 or area burnt.
- (c) Vic: Due to data collection issues, data for 2005-06 are incomplete. Landscape fires data include incidents from the department of Sustainability and Environment from 2004-05 onwards. Some degree of duplicate counting may be present across Country Fire Authority and Department of Sustainability and Environment figures. This will be resolved in the 2008-09 data return.
- (d) Qld: 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.
- (e) WA: Data also includes landscape fire reported to the Department of Environment and Conservation as the lead agency, with 493 fires included for 2006-07.
- (f) SA: MFS industrial action : 18/4/05 0800 hrs to 20/06/05 1800 hrs (no incident reports in this period).
- (g) Tas: Figures supplied include *all* vegetation fires, regardless of size, from all fire brigades (full time and volunteer) and land management agencies.
- (h) ACT: The January 2003 bushfires included in the 2002-03 data have been counted as one event.
- (i) NT: Data excludes the Bushfires NT and some NT Fire and Rescue Service volunteer brigades.
- Source: State and Territory governments (unpublished).

Table 9A.4

Table 9A.4 **Accidental residential structure fires reported to fire service organisations per 100 000 households (a)**

	<i>NSW</i>	<i>Vic (b)</i>	<i>Qld (c)</i>	<i>WA</i>	<i>SA (d)</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
2002-03	131.9	146.4	74.1	75.0	88.9	203.1	na	52.2	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
2005-06	138.1	113.6	72.9	70.9	52.4	173.4	114.2	54.0	105.9
2006-07	120.7	140.8	62.7	70.5	46.8	159.1	106.9	49.3	103.4

- (a) This measure may not be entirely comparable. the rate of accidental residential structure fires is affected by the number of fires where the cause has been determined and classified by fire service personnel. 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 5 years.
- (b) Vic: Due to data collection issues, data is incomplete for 2005-06.
- (c) Qld: QFRS Rural Incident Database does not currently record the necessary information to calculate this measure. QFRS Urban stations (Agency 1) are estimated to serve 87.6 per cent of Queensland's population.
- (d) SA: MFS industrial action: 18/4/05 0800 hrs to 20/06/05 1800 hrs (no incident reports completed during this period). SA is under reported because MFS data entry was not completed by the submission deadline.

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



Table 9A.5

## Table 9A.5 Fire service organisations' human resources

	Unit (a)	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT (g)	NT (h)	Aust
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 (i)	no.	68 676	58 000	46 677	23 743	16 109	4 912	650	456	215 357
2003-04										
Firefighting personnel	%	79.5	67.5	77.1	74.2	96.6	65.1	69.2	84.1	76.7
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 (i)	no.	74 556	58 583	44 286	22 328	15 693	4 766	810	521	221 543
2004-05										
Firefighting personnel	%	79.2	69.8	77.9	74.6	96.8	63.7	75.5	85.3	77.9
Firefighting personnel	FTE	3 717	2 172	2 189	892	848	279	270	174	10 541
Permanent firefighters	FTE	3 232	2 172	2 026	864	752	279	270	168	9 763
Part time and other firefighters	FTE	485	—	163	28	96	—	—	6	778
Support personnel	FTE	977	940	620	304	28	159	88	30	3 146
<b>Total</b>	<b>FTE</b>	<b>4 694</b>	<b>3 112</b>	<b>2 809</b>	<b>1 196</b>	<b>876</b>	<b>438</b>	<b>358</b>	<b>204</b>	<b>13 687</b>
Volunteer firefighters (i)	no.	75 443	58 662	44 648	28 319	15 569	4 668	1 062	551	228 922

Table 9A.5

Table 9A.5 Fire service organisations' human resources

	Unit (a)	NSW (b)	Vic (c)	Qld (d)	WA (e)	SA (f)	Tas	ACT (g)	NT (h)	Aust
2005-06										
Firefighting personnel	%	76.6	65.4	76.3	74.6	96.0	62.8	75.7	83.1	73.2
Firefighting personnel	FTE	3 791	3 923	2 221	906	866	280	289	182	12 458
Permanent firefighters	FTE	3 312	3 307	2 056	870	773	280	289	176	11 063
Part time and other firefighters	FTE	479	616	165	36	93	—	—	6	1 395
Support personnel	FTE	1 156	2 077	689	308	36	166	93	37	4 562
<b>Total</b>	<b>FTE</b>	<b>4 947</b>	<b>6 000</b>	<b>2 910</b>	<b>1 214</b>	<b>902</b>	<b>446</b>	<b>382</b>	<b>219</b>	<b>17 020</b>
Volunteer firefighters (i)	no.	76 195	58 849	41 324	26 890	15 120	4 765	1 018	539	224 700
2006-07										
Firefighting personnel	%	79.6	67.2	75.4	77.0	95.8	62.8	78.2	81.6	74.7
Firefighting personnel	FTE	3 887	4 119	2 239	932	905	287	291	182	12 842
Permanent firefighters	FTE	3 406	3 274	2 076	896	779	287	291	176	11 185
Part time and other firefighters	FTE	481	845	163	36	126	—	—	6	1 657
Support personnel	FTE	996	2 008	732	278	40	170	81	41	4 346
<b>Total</b>	<b>FTE</b>	<b>4 883</b>	<b>6 127</b>	<b>2 971</b>	<b>1 210</b>	<b>945</b>	<b>457</b>	<b>372</b>	<b>223</b>	<b>17 188</b>
Volunteer firefighters (i)	no.	76 302	59 509	36 000	27 305	15 517	4 978	1 261	550	221 422

(a) FTE = full time equivalent.

(b) NSW: Numbers for fire service organisations include retained (part-time) firefighters and community fire unit members.

(c) Vic: Victoria's land management agency, the Department of Sustainability and Environment is included from 2005-06. Availability figures for the Country Fire Authority are not included due to data collection issues.

(d) Qld: 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: Re firefighting personnel, FESA provides a wide range of emergency services under an integrated management structure. It has become increasingly complex to segregate data for individual emergency activities. From 2006-07, data reflects all emergency services including SES and volunteer marine rescue services. FESA's support personnel are not segregated by service so that data for 2006-07 includes all non-fire specific support staff. With respect to volunteer firefighters, data for 2006-07 includes volunteers from local government bush fire brigades, volunteer fire and rescue brigades, volunteer fire services and multi-skilled volunteer emergency services.

Table 9A.5

**Table 9A.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 (g)</i>	<i>NT (h)</i>	<i>Aust</i>
(f)	SA: The SA Fire and Emergency Services Commission employs most support personnel. Fire agency support staff include Metropolitan Fire Service training, building inspection and fire cause investigatory staff.									
(g)	ACT: Increase in both CFU and RFS volunteers.									
(h)	NT: Numbers reflect NTFRS and BFNT uniformed, non-uniformed and volunteers.									
(i)	Numbers include volunteer fire support staff. – Nil or rounded to zero.									

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

Table 9A.6

Table 9A.6 **Fire deaths (a), (b), (c)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (d)</i>
Fire deaths, exposure to smoke, fire and flames (ICD code X00-X09)										
1999	no.	28	20	23	3	11	4	0	3	92
2000	no.	35	24	15	5	4	4	3	3	95
2001	no.	16	10	6	10	13	6	3	3	66
2002	no.	32	25	17	8	9	7	0	3	102
2003	no.	33	16	14	17	9	4	4	0	98
2004	no.	33	14	12	6	8	np	np	np	86
2005	no.	48	21	12	6	12	4	np	np	109
Fire deaths, intentional self-harm by smoke, fire and flames (ICD code X76)										
1999	no.	8	4	6	0	5	0	0	0	24
2000	no.	17	3	4	0	3	0	0	0	28
2001	no.	11	3	7	3	3	3	3	0	31
2002	no.	13	6	6	3	3	0	0	0	29
2003	no.	10	9	4	3	6	3	0	0	36
2004	no.	np	9	np	0	4	np	np	0	21
2005	no.	13	3	5	np	np	0	0	0	23
Fire deaths, assault by smoke, fire and flames (ICD code X97)										
1999	no.	3	3	0	0	0	0	0	0	6
2000	no.	3	3	12	3	0	0	0	0	18
2001	no.	0	3	4	0	0	0	0	0	6
2002	no.	3	3	0	0	3	0	0	0	7
2003	no.	3	4	0	0	0	0	0	0	9
2004	no.	np	0	0	0	0	0	0	0	np
2005	no.	np	np	np	np	0	np	0	0	np
Fire deaths, exposure to smoke, fire and flames, undetermined intent (ICD code X26)										
1999	no.	0	0	3	0	0	0	3	0	3
2000	no.	0	0	3	0	3	0	0	0	5
2001	no.	0	0	0	0	0	0	0	0	0
2002	no.	0	0	0	0	0	0	0	0	3
2003	no.	0	0	0	0	0	0	0	0	0
2004	no.	np	0	np	0	0	0	0	0	np
2005	no.	np	np	np	0	np	np	0	0	np
Total fire deaths										
1999	no.	37	26	33	5	16	4	3	3	125
2000	no.	55	30	34	7	9	4	3	4	146
2001	no.	27	16	17	13	16	9	3	3	104
2002	no.	49	34	24	10	12	8	0	3	141
2003	no.	46	29	18	20	16	7	4	3	143
2004	no.	39	23	15	6	12	11	np	np	110
2005	no.	62	27	18	7	13	5	np	np	138

Table 9A.6

Table 9A.6 **Fire deaths (a), (b), (c)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (d)</i>
Annual fire death rate (e)										
1999	per million	5.8	5.5	9.4	2.7	10.7	8.5	9.6	15.6	6.6
2000	per million	8.5	6.3	9.5	3.7	6.0	8.5	9.5	20.5	7.6
2001	per million	4.1	3.3	4.7	6.8	10.6	19.1	9.4	15.2	5.4
2002	per million	7.4	7.0	6.5	5.2	7.9	16.9	0	15.0	7.2
2003	per million	6.9	5.9	4.7	10.3	10.5	14.7	12.4	15.1	7.2
2004	per million	5.8	4.6	3.9	3.0	7.8	22.8	np	np	5.5
2005	per million	9.2	5.4	4.5	3.5	8.4	10.3	np	np	6.8
Average fire death rate										
1999-2001	per million	6.1	5.1	7.9	4.4	9.1	12.0	9.5	17.1	6.5
2000-2002	per million	6.7	5.6	6.9	5.3	8.2	14.8	6.3	16.9	6.7
2001-2003	per million	6.1	5.4	5.3	7.4	9.7	16.9	7.3	15.1	6.6
2002-2004	per million	6.7	5.8	5.0	6.2	8.7	18.1	6.2	15.1	6.6
2003-2005	per million	7.3	5.3	4.4	5.6	8.9	15.9	np	np	6.5
Population (e)										
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	19.7
Jun 2003	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Jun 2004	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Jun 2005	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4

(a) Fire deaths published in the 2008 Report for the years 1999 to 2003 inclusive, differ slightly from those published in earlier reports because ABS revisions for those years have now been incorporated. Cells in this table have been randomly adjusted to avoid the release of confidential data. Where necessary, totals have been adjusted separately to the component cells and revised totals are not necessarily the sum of the component cells. Cause of Death is coded according to the International Classification of Diseases and Related Health Problems Revision 10 (ICD-10).

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

(c) The small number of deaths means it is difficult to establish patterns and provide detailed analysis.

(d) Includes Other Territories.

(e) Calculated using the Estimated Resident Population at 30 June. For example, population data at June 2005 used for calculating 2005 rate.

**np** Not published

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

Table 9A.7

Table 9A.7		Fire injuries (a)								
	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
Total fire injuries										
2001-02	no.	1 005	551	758	386	262	np	np	np	2 962
2002-03	no.	901	567	601	341	289	np	np	np	2 699
2003-04	no.	1 004	559	604	333	262	np	np	np	2 923
2004-05	no.	979	633	702	312	296	np	np	np	3 170
2005-06	no.	1 100	537	653	357	373	np	np	np	3 305
Fire injury rate										
2001-02	per 100 000 persons	15.3	11.5	20.9	20.3	17.3	na	na	na	15.3
2002-03	per 100 000 persons	13.6	11.7	16.2	17.7	19.0	na	na	na	13.7
2003-04	per 100 000 persons	15.0	11.3	15.8	17.1	17.1	na	na	na	14.7
2004-05	per 100 000 persons	14.6	12.7	18.0	15.7	19.2	na	na	na	15.7
2005-06	per 100 000 persons	16.3	10.6	16.3	17.7	24.0	na	na	na	16.2
Three year average										
2001-02 to 2003-04	per 100 000 persons	14.6	11.5	17.6	18.4	17.8	na	na	na	14.6
2002-03 to 2004-05	per 100 000 persons	14.4	11.9	16.7	16.8	18.4	na	na	na	14.7
2003-04 to 2005-06	per 100 000 persons	15.3	11.6	16.7	16.8	20.1	na	na	na	15.5
Population (b)										
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	19.7
Jun 2003	million persons	6.7	4.9	3.8	2.0	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
Jun 2005	million persons	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4

(a) Fire injuries data published in the 2008 Report differ for all years from that published in earlier reports because counting rules for fire injury data have now been more closely aligned with those for fire deaths data. Fire injuries are coded according to the International Classification of Diseases and Related Health Problems Revision 10 (ICD-10). The scope of the fire injuries data published has been expanded to include ICD fire injury codes X00-X09 plus X76, X97 and Y26 in the number of fire injuries reported. 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 secondary fires resulting from explosions, transport accidents, and emergency department non-admitted casualties.

(b) Population estimates at 30 June. For example, population data at 30 June 2005 have been used as the population estimate for 2005-06.

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

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

Table 9A.8

Table 9A.8 **Median dollar loss from structure fire (2006-07 dollars) (a)**

	<i>NSW</i> (b)	<i>Vic</i> (c)	<i>Qld</i> (d)	<i>WA</i>	<i>SA</i>	<i>Tas</i> (e)	<i>ACT</i> (f)	<i>NT</i>
Median dollar loss per structure fire								
2002-03	2 358	708	1 179	2 948	4 717	5 896	2 358	5 896
2003-04	2 283	685	2 283	3 425	3 425	3 995	2 283	3 139
2004-05	2 195	1 098	2 195	3 293	5 488	4 391	1 427	2 195
2005-06	2 096	1 048	2 096	3 145	5 241	3 145	2 096	2 096
2006-07	2 000	1 000	2 000	3 000	8 000	3 150	1 175	3 000

(a) Dollar loss values adjusted using the ABS GDP price deflator 2006-07 = 100 (table AA.26) to arrive at a constant price measure. Estimates have not been validated by the insurance industry, or adjusted for interstate valuation differences.

(b) NSW: In 2004-05 there were 17 structure fires that resulted in direct dollar loss in excess of \$1 million each. In 2005-06 there were 32 structure fires that resulted in direct dollar loss of \$1 million each. Of these fires, five resulted in direct dollar loss in excess of \$10 million each and one of \$89 million.

(c) Vic: Due to data collection issues, data is incomplete for 2005-06.

(d) Qld: 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.

(e) Tas: Figures supplied include data provided by *all* fire brigades, both full-time and volunteer. Property loss does not include losses as a result of vegetation fires.

(f) ACT: Data for 2002-03 exclude the January 2003 wildfires, which destroyed over 500 houses and resulted in losses in excess of \$200 million.

Source: State and Territory governments (unpublished).

Table 9A.9

Table 9A.9 **Property loss from structure fire (2006-07 dollars per person) (a)**

	NSW(b)	Vic(c)	Qld(d)	WA	SA(e)	Tas(f)	ACT(g)	NT	Aust(h)
<b>Property loss from structure fire</b>									
2002-03	29	17	33	28	31	26	29	20	27
2003-04	32	25	27	25	23	49	30	13	27
2004-05	29	40	28	25	32	53	22	17	33
2005-06	65	34	29	23	19	70	34	30	42
2006-07	25	36	23	34	27	46	21	11	29
Three year average									
2002-03 to 2004-05	30	27	29	26	28	43	27	17	29
2003-04 to 2005-06	42	33	28	24	24	58	28	20	34
2004-05 to 2006-07	40	37	27	27	26	57	25	19	34

(a) Property loss values adjusted using ABS GDP price deflator 2006-07 = 100 (table AA.26) to arrive at a constant price measure. Estimates have not been validated by the insurance industry or adjusted for interstate valuation differences.

(b) NSW: In 2004-05 there were 17 structure fires that resulted in direct dollar loss in excess of \$1 million each. In 2005-06 there were 32 structure fires that resulted in excess of \$1 million each. Of these fires, five resulted in direct dollar loss in excess of \$10 million each and one of \$89 million.

(c) Vic: Due to data collection issues, data is incomplete for 2005-06.

(d) Qld: 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. QFRS Urban stations (Agency 1) are estimated to serve 87.6 per cent of Queensland's population.

(e) SA: In 2006-07 there was a \$15 million fire that accounted for 35 per cent of the reported dollar loss.

(f) Tas: Figures supplied 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. Property loss does not include losses as a result of vegetation fires.

(g) ACT: Data for 2002-03 exclude the January 2003 wildfires, which destroyed over 500 houses and resulted in losses in excess of \$200 million.

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

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



Table 9A.10

**Table 9A.10 Fire incidents attended by fire service organisations per 100,000 persons (a)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic (c)</i>	<i>Qld (d)</i>	<i>WA (e)</i>	<i>SA</i>	<i>Tas (f)</i>	<i>ACT (g)</i>	<i>NT (h)</i>	<i>Aust (i)</i>
Incidents per 100 000 persons (b)										
2002-03		707	501	561	763	585	1 000	478	1 279	634
2003-04		622	434	452	710	573	848	309	1 045	552
2004-05		642	416	530	684	501	842	318	1 141	562
2005-06		682	401	420	575	494	787	386	890	536
2006-07		634	534	469	628	577	952	478	1 070	581
Population (million) (j)										
2002-03		6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7
2003-04		6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
2004-05		6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
2005-06		6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4
2006-07		6.8	5.1	4.1	2.1	1.6	0.5	0.3	0.2	20.7

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

(b) The Estimated Resident Population (ERP) data for Australian jurisdictions is based on Census data. The ERP for the intervening years since the 2001 Census have now all been updated using 2006 Census data. As a result, calculations per 100 000 persons will differ slightly from those published in previous ROGS reports.

(c) Vic: Due to data collection issues, data for 2005-06 are incomplete. Landscape fires data include incidents from the department of Sustainability and Environment from 2004-05 onwards. Some degree of duplicate counting may be present across Country Fire Authority and Department of Sustainability and Environment figures. This will be resolved in the 2008-09 data return.

(d) Qld: 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.

(e) WA: Data includes reported turnouts by career and volunteer services to fire.

(f) Tas: Figures supplied include data provided by *all* fire brigades, both full-time and volunteer.

(g) ACT: Includes data for urban and rural fire service organisations.

(h) NT: The higher number of incidents per 100 000 persons in 2006-07 can be attributed to the large number of grass fires in Northern Australia caused by a large wet season during the reporting period.

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

(j) Population data relate to 30 June, so that estimated resident population at 30 June 2005 is used as the denominator for 2005-06.

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

Table 9A.11

Table 9A.11 **Households with an operational smoke alarm or smoke detector installed**

	<i>Unit</i>	<i>VSW(a)</i>	<i>Vic(b)</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>
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										
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										
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 (i)	%	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										
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	na
2005-06	%	76.9	95.5	76.4	86.0	na	na	na	73.0	na
2006-07	%	86.9	95.5	79.0	86.0	na	na	na	na	na

**Table 9A.11 Households with an operational smoke alarm or smoke detector installed**

- 
- (a) NSW: The Building Legislation Amendment (Smoke Alarms) Act 2005 and the Environmental Planning and Assessment Amendment (Smoke Alarms) regulation 2006 commenced on 1 May 2006 and requires: the installation of one or more smoke alarms in buildings in which persons sleep; smoke alarms in such buildings must be operational; and persons do not remove or interfere with the operation of smoke alarms installed in such buildings. The data for 2006-07 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 2006. Estimates are based on 7795 respondents in NSW. For this indicator 164 (2.06 per cent) were 'not stated' (Don't know or Refused) in NSW. The indicator includes those who have a smoke alarm or detector in their home. The question used to define the indicator was: Do you have smoke alarms installed in your home? The 95 per cent confidence interval for 2006 is (85.8 - 87.9). In general, a wider confidence interval reflects less certainty in the indicator estimate.
- (b) Vic: 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 are based on the results of the most recent survey conducted in April 2004.
- (c) Qld: Data collected by the Office of Economic and Statistical Research as part of the November 2005 Queensland Household Survey. The figure is an estimate for the whole population of Queensland.
- (d) WA: Data for 2002-03 collected by market research organisation (random telephone survey with residents of Perth households). 2003-04 market research also done by telephone survey. 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 last collected in 2005-06. The next survey is to be conducted in 2007-08.
- (e) SA: No data available.
- (f) Tas: No data available.
- (g) ACT: No data available.
- (h) NT: No survey carried out during the reporting period.
- (i) The February 2000 to November 2000 data are from the Population Survey Monitor (PSM) and represent the last occasion on which smoke alarm data were collected for all jurisdictions. The PSM was subsequently discontinued and, from 2002-03 onwards, the data were sourced from jurisdictional collections that were not strictly comparable with the PSM because of methodological differences.
- na** Not available.

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

Table 9A.12

**Table 9A.12 Response times to structure fires (minutes) (a)**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i> (b)	<i>WA</i> (c)	<i>SA</i>	<i>Tas</i> (d)	<i>ACT</i>	<i>NT</i>
50th percentile								
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
2005-06	7.1	6.4	6.8	9.0	7.0	8.1	5.5	4.4
2006-07	7.1	6.3	6.9	8.3	7.3	7.5	6.3	5.4
90th percentile								
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
2005-06	12.5	9.6	13.0	16.2	13.0	16.9	9.4	16.2
2006-07	12.3	9.5	13.1	13.8	14.0	12.8	10.3	12.7

(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) Qld: Code 30 Incidents have been excluded from all response time calculations. Two incidents were unable to be classified by remoteness and have been removed from calculation. Response times for QFRS Rural brigade crews are not included as response times are not accurately recorded. Only primary exposure incidents are included.

(c) WA: Response times in major cities, regional and remote areas are influenced by volunteer data that, particularly in remote areas of the State, are influenced by significant travel time to incidents. The number of structure fires reported is less than in table 9A.2 because response times are calculated only for reports where attendance times have been noted.

(d) Tas: Includes data provided by *all* fire brigades, both full-time and volunteer.

Source: State and Territory governments (unpublished).

Table 9A.13

Table 9A.13 **Structure fires and response times to structure fires across geographic areas (a), (b)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic(c)</i>	<i>Qld(d)</i>	<i>WA(e)</i>	<i>SA(f)</i>	<i>Tas(g)</i>	<i>ACT(h)</i>	<i>NT</i>
2004-05									
Structure fires									
Major cities	no.	4 203	4 199	1 100	937	932	–	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	..
Inner regional	minutes	8.6	7.0	7.2	13.0	9.0	7.5	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	..	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	..
Inner regional	minutes	15.4	13.1	17.0	29.0	17.5	12.3	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	..	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>
2005-06									
Structure fires									
Major cities	no.	4 449	4 135	962	801	967	–	331	..
Inner regional	no.	1 472	901	482	128	185	434	na	..
Outer regional	no.	895	252	346	93	190	239	na	91
Remote	no.	182	4	62	27	28	20	na	39
Very remote	no.	54	..	19	21	12	1	na	14
<b>All areas</b>	<b>no.</b>	<b>7 052</b>	<b>5 292</b>	<b>1 871</b>	<b>1 070</b>	<b>1 382</b>	<b>694</b>	<b>331</b>	<b>144</b>
50th percentile									
Major cities	minutes	6.6	6.2	6.4	8.0	7.0	na	5.5	..
Inner regional	minutes	9.0	7.5	7.4	14.0	10.0	7.2	na	..
Outer regional	minutes	9.0	8.0	7.8	10.0	11.0	11.3	na	4.1
Remote	minutes	8.1	5.8	6.1	11.0	9.0	14.1	na	4.2
Very remote	minutes	9.0	..	6.4	11.0	9.5	35.4	na	7.0
<b>All areas</b>	<b>minutes</b>	<b>7.1</b>	<b>6.4</b>	<b>6.8</b>	<b>9.0</b>	<b>7.0</b>	<b>8.1</b>	<b>5.5</b>	<b>4.4</b>

Table 9A.13

Table 9A.13 **Structure fires and response times to structure fires across geographic areas (a), (b)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic(c)</i>	<i>Qld(d)</i>	<i>WA(e)</i>	<i>SA(f)</i>	<i>Tas(g)</i>	<i>ACT(h)</i>	<i>NT</i>
90th percentile									
Major cities	minutes	10.4	8.6	9.9	12.0	10.0	na	9.4	..
Inner regional	minutes	15.5	14.0	16.5	28.0	17.0	11.2	na	..
Outer regional	minutes	19.6	15.0	20.8	27.0	18.0	22.7	na	13.4
Remote	minutes	15.5	19.3	33.4	22.0	20.0	37.5	na	10.5
Very remote	minutes	20.1	..	21.5	48.0	73.8	35.4	na	49.7
<b>All areas</b>	<b>minutes</b>	<b>12.5</b>	<b>9.6</b>	<b>13.0</b>	<b>16.2</b>	<b>13.0</b>	<b>16.9</b>	<b>9.4</b>	<b>16.2</b>
2006-07									
Structure fires									
Major cities	no.	4 294	4 491	1 209	1 007	905	–	278	na
Inner regional	no.	1 321	1 213	591	136	194	470	na	na
Outer regional	no.	849	329	415	95	201	218	na	96
Remote	no.	173	6	129	32	37	17	na	37
Very remote	no.	46	na	71	18	12	3	na	13
<b>All areas</b>	<b>no.</b>	<b>6 683</b>	<b>6 039</b>	<b>2 415</b>	<b>1 288</b>	<b>1 349</b>	<b>708</b>	<b>278</b>	<b>146</b>
50th percentile									
Major cities	minutes	6.6	6.1	6.4	8.0	7.0	na	6.3	na
Inner regional	minutes	9.0	7.0	7.6	11.2	10.0	7.5	na	na
Outer regional	minutes	9.0	7.0	7.5	10.5	10.0	10.9	na	5.6
Remote	minutes	8.0	19.8	8.8	11.9	12.0	10.4	na	5.4
Very remote	minutes	8.2	na	7.8	10.9	9.0	21.7	na	4.0
<b>All areas</b>	<b>minutes</b>	<b>7.1</b>	<b>6.3</b>	<b>6.9</b>	<b>8.3</b>	<b>7.3</b>	<b>7.5</b>	<b>6.3</b>	<b>5.4</b>
90th percentile									
Major cities	minutes	10.3	8.6	9.7	12.1	10.4	na	10.3	na
Inner regional	minutes	15.4	13.0	15.3	25.1	17.0	12.8	na	na
Outer regional	minutes	20.3	14.7	16.4	22.0	17.0	22.6	na	11.8
Remote	minutes	19.3	34.1	19.1	24.4	21.6	26.8	na	12.3
Very remote	minutes	13.1	na	16.0	32.9	150.1	33.9	na	20.2
<b>All areas</b>	<b>minutes</b>	<b>12.3</b>	<b>9.5</b>	<b>13.1</b>	<b>13.8</b>	<b>14.0</b>	<b>12.8</b>	<b>10.3</b>	<b>12.7</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) Vic: Due to the small number of remote structure fires, observed response time data may vary widely from year to year.
- (d) Qld: Code 30 Incidents have been excluded from all response time calculations. Two incidents were unable to be classified by remoteness and have been removed from calculation. Response times for QFRS Rural brigade crews are not included as response times are not accurately recorded. Only primary exposure incidents are included.
- (e) WA: Response times in major cities, regional and remote areas are influenced by volunteer data, which, particularly in remote areas of the State, are impacted by significant travel time to incidents.

Table 9A.13      **Structure fires and response times to structure fires across geographic areas (a), (b)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic(c)</i>	<i>Qld(d)</i>	<i>WA(e)</i>	<i>SA(f)</i>	<i>Tas(g)</i>	<i>ACT(h)</i>	<i>NT</i>
(f)	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. In 2006-07, the high 90th percentile figure for the 'Very remote' category is due to a small number of reported incidents (12), with one incident reporting a response time of approximately 3 hours.								
(g)	Tas: Includes data provided by <i>all</i> fire brigades, both full-time and volunteer.								
(h)	ACT: All reported fires were within the major city.								
	<b>na</b> Not available. ... Not applicable.								

Source: State and Territory governments (unpublished).

Table 9A.14

Table 9A.14 **Structure fires contained to the object or room of origin (per cent)**

	NSW (a)	Vic (b)	Qld (c)	WA (d)	SA (e)	Tas (f)	ACT	NT	Aust (g)
All ignition types									
2002-03	69.1	76.5	69.5	69.7	63.9	63.8	70.1	63.5	68.3
2003-04	74.4	77.3	69.5	71.4	69.0	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
2005-06	69.2	74.3	65.2	66.4	64.7	64.5	82.0	65.4	69.7
2006-07	69.4	73.9	66.6	65.5	65.1	64.5	83.6	68.3	70.4
Incendiary and suspicious structure fires									
2002-03	55.2	61.8	56.9	59.7	53.1	55.0	64.9	72.7	58.2
2003-04	63.4	61.8	54.2	61.8	64.7	51.5	60.6	57.1	61.2
2004-05	56.8	55.8	61.4	55.2	70.4	58.3	54.5	27.3	56.6
2005-06	57.5	59.7	54.4	55.2	71.4	53.1	60.0	100.0	57.4
2006-07	55.7	60.9	61.5	51.6	64.4	52.1	71.7	60	58.2
Accidental structure fires									
2002-03	80.7	83.7	84.2	77.4	73.2	72.0	79.2	60.9	81.5
2003-04	83.4	84.7	84.6	78.7	78.8	73.3	67.5	89.3	83.1
2004-05	82.8	84.4	80.0	79.1	64.0	73.4	77.2	86.7	82.1
2005-06	80.9	82.8	80.1	77.4	64.3	74.6	84.5	56.3	80.8
2006-07	80.7	82.1	80.6	72.7	79.0	74.7	91.5	70.4	80.7

(a) NSW: Data are for the NSW Fire Brigades only, but include responses to fires outside NSW Fire Brigades designated fire districts.

(b) Vic: Data is incomplete for 2005-06 due to data collection issues.

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

(d) WA: From a total of 1452 fires, 507 did not have the containment code completed.

(e) SA: Data exclude the Country Fire Service.

(f) Tas: Figures include data provided by *all* fire brigades, both full-time and volunteer.

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

Source: State and Territory governments (unpublished).



Table 9A.15

## Table 9A.15 Fire service organisations' costs (\$'000) (2006-07 dollars), (a)

	NSW	Vic (b)	Qld	WA (c)	SA (d)	Tas	ACT (e)	NT (f)	Total
2002-03									
Labour costs									
Salaries and payments in the nature of salaries	375 677	226 680	184 843	77 710	74 104	28 847	29 770	15 238	1 012 869
Payroll tax	20 375	11 105	8 471	na	3 349	1 738	na	1 057	46 094
Capital costs (g)									
Depreciation	28 048	37 452	25 419	8 033	12 492	3 971	1 639	1 482	118 535
User cost of capital									
Land	6 128	12 771	4 242	1 741	1 782	493	982	23	28 162
Other assets	24 197	44 989	20 845	5 597	17 916	5 109	2 836	1 580	123 070
Other costs (h)	306 647	127 427	93 939	35 567	44 275	16 830	10 619	6 903	642 208
Interest on borrowings	60	640	1 230	3 652	792	389	-	-	6 764
<b>Total costs (i)</b>	<b>734 570</b>	<b>436 548</b>	<b>325 045</b>	<b>126 907</b>	<b>148 787</b>	<b>54 756</b>	<b>44 864</b>	<b>25 204</b>	<b>1 896 682</b>
2003-04									
Labour costs									
Salaries and payments in the nature of salaries	414 599	248 051	189 017	77 548	69 355	28 075	30 048	15 901	1 072 595
Payroll tax	22 305	12 622	8 505	na	3 411	1 671	na	947	49 461
Capital costs (g)									
Depreciation	31 451	40 653	23 904	8 164	17 478	4 219	1 634	1 354	128 857
User cost of capital									
Land	10 715	12 043	4 347	2 210	1 882	492	857	277	32 825
Other assets	26 298	41 580	22 851	6 113	16 797	5 003	2 865	1 394	122 901
Other costs (h)	178 638	132 823	99 194	35 720	44 058	14 837	9 360	7 277	521 908
Interest on borrowings	106	65	766	4 732	76	332	-	-	6 078
<b>Total costs (i)</b>	<b>650 986</b>	<b>463 107</b>	<b>334 966</b>	<b>127 546</b>	<b>147 688</b>	<b>52 135</b>	<b>43 906</b>	<b>25 926</b>	<b>1 846 261</b>

Table 9A.15

Table 9A.15 Fire service organisations' costs (\$'000) (2006-07 dollars), (a)

	NSW	Vic (b)	Qld	WA (c)	SA (d)	Tas	ACT (e)	NT (f)	Total
2004-05									
Labour costs									
Salaries and payments in the nature of salaries	424 135	266 879	196 220	70 799	77 886	29 720	33 795	18 943	1 118 377
Payroll tax	21 492	13 751	8 862	na	3 762	1 598	na	1 050	50 515
Capital costs (g)									
Depreciation	34 434	40 475	25 431	6 452	19 330	4 362	1 802	1 607	133 895
User cost of capital									
Land	10 326	12 964	6 092	2 416	2 241	585	726	400	35 749
Other assets	27 382	50 952	23 711	6 409	17 637	5 640	2 595	1 543	135 869
Other costs (g)	176 065	133 026	85 791	40 286	46 038	13 361	12 521	6 796	513 886
Interest on borrowings	499	–	832	2 772	–	318	–	–	4 422
<b>Total costs (h)</b>	<b>662 015</b>	<b>491 333</b>	<b>331 153</b>	<b>123 947</b>	<b>160 891</b>	<b>53 083</b>	<b>50 714</b>	<b>28 889</b>	<b>1 902 026</b>
2005-06									
Labour costs									
Salaries and payments in the nature of salaries	444 417	285 473	198 572	75 769	70 639	29 763	31 821	19 681	1 156 136
Payroll tax	22 719	14 627	8 807	na	3 847	1 778	na	1 084	52 862
Capital costs (f)									
Depreciation	33 549	39 150	24 462	7 699	17 991	4 585	1 244	1 690	130 370
User cost of capital									
Land	9 602	13 643	6 267	2 286	3 204	671	684	320	36 677
Other assets	26 957	51 653	25 723	10 282	18 875	5 597	3 161	1 516	143 765
Other costs (h)	194 794	151 671	96 369	43 978	36 896	12 333	18 737	7 152	561 930
Interest on borrowings	700	–	921	2 547	–	348	–	–	4 517
<b>Total costs (i)</b>	<b>699 717</b>	<b>527 947</b>	<b>345 127</b>	<b>137 729</b>	<b>144 401</b>	<b>52 279</b>	<b>54 963</b>	<b>30 039</b>	<b>1 992 201</b>

Table 9A.15

Table 9A.15 Fire service organisations' costs (\$'000) (2006-07 dollars), (a)

	NSW	Vic (b)	Qld	WA (c)	SA (d)	Tas	ACT (e)	NT (f)	Total
2006-07									
Labour costs									
Salaries and payments in the nature of salaries	438 705	362 996	203 352	103 855	76 243	31 599	33 127	20 686	1 270 563
Payroll tax	23 062	18 411	8 920	na	3 994	1 716	na	1 132	57 235
Capital costs (g)									
Depreciation	33 070	39 591	27 402	8 779	16 096	4 632	1 005	1 515	132 090
User cost of capital									
Land	9 155	15 343	9 271	3 602	2 982	657	653	341	42 004
Other assets	26 708	62 365	25 959	11 191	21 722	5 463	2 805	1 398	157 611
Other costs (h)	257 538	386 521	99 114	95 499	41 144	16 649	24 622	7 543	928 630
Interest on borrowings	261	–	896	4 226	–	396	–	–	5 779
<b>Total costs (i)</b>	<b>756 021</b>	<b>851 473</b>	<b>355 827</b>	<b>219 324</b>	<b>155 205</b>	<b>58 343</b>	<b>61 559</b>	<b>31 142</b>	<b>2 488 894</b>

(a) Cost levels are adjusted using the Australian Bureau of Statistics (ABS) GDP price deflator 2006-07 = 100 (table AA.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) Vic: 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. The 2006-07 year is the first in which the Victorian data includes costs for the Department of Sustainability and Environment (DSE) and explains the marked increase in the 'Other costs' item for that year.

(c) WA: FESA provides a wide range of emergency services under an integrated management structure. FESA's staff, capital, and other cost data cannot be segregated by service and for 2006-07 includes costs for all staff including SES and volunteer marine rescue.

(d) SA: Asset values for 2002-03 include an asset transfer from local government.

(e) ACT: The increase in 2005-06 is due to a significant upgrade of Emergency Services Communications systems and inclusion of Joint Emergency Services Training Costs. In 2006-07 funding is included under 'miscellaneous revenue' for the placement of an Ericson sky crane in the ACT as part of the National Aerial Firefighting Strategy.

(f) NT: User cost of capital in the NT includes assets for the NT Fire and Rescue Service only, and other revenue includes Bushfires NT 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 9A.28.

Table 9A.15

**Table 9A.15 Fire service organisations' costs (\$'000) (2006-07 dollars), (a)**

	NSW	Vic (b)	Qld	WA (c)	SA (d)	Tas	ACT (e)	NT (f)	Total
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(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 9A.16

## Table 9A.16 Fire service organisations' expenditure per 1000 people (2006-07 dollars) (a)

	Unit	NSW (b)	Vic (c)	Qld	WA (d)	SA	Tas	ACT (e)	NT	Aust
2002-03										
Total	\$m	734.6	436.5	325.0	126.9	148.8	54.8	44.9	25.2	1 896.7
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7
Per 1000 people	\$	110 804	89 753	87 443	65 898	97 809	115 808	139 083	126 369	96 499
2003-04										
Total	\$m	651.0	463.1	335.0	127.5	147.7	52.1	43.9	25.9	1 846.3
Population	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	97 548	94 029	87 822	65 316	96 440	109 132	134 892	129 536	92 764
2004-05										
Total	\$m	662.0	491.3	331.2	123.9	160.9	53.1	50.7	28.9	1 902.0
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$	98 676	98 582	84 722	62 516	104 435	109 939	154 918	142 868	94 441
2005-06										
Total	\$m	699.7	527.9	345.1	137.7	144.4	52.3	55.0	30.0	1 992.2
Population	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4
Per 1000 people	\$	103 570	104 509	86 157	68 273	92 996	107 460	166 489	145 407	97 613
2006-07										
Total	\$m	756.0	851.5	355.8	219.3	155.2	58.3	61.6	31.1	2 488.9
Population	m	6.8	5.1	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Per 1000 people	\$	110 899	166 034	86 966	106 517	98 970	119 086	184 184	147 821	120 228

(a) Expenditure levels are adjusted using the Australian Bureau of Statistics (ABS) GDP price deflator 2005-06 = 100 (tableA 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. Figures exclude the user cost of capital associated with land, interest on borrowings and payroll tax. Total fire expenditure includes levies on insurance companies and property owners, user charges, fundraising and donations and indirect revenue.

(b) NSW: Figures vary from year to year as a result of abnormal grants for specific major emergencies.

**Table 9A.16 Fire service organisations' expenditure per 1000 people (2006-07 dollars) (a)**

- (c) Vic: The 2006-07 year is the first in which the Victorian data includes expenditure for the Department of Sustainability and Environment (DSE) and explains the marked increase for that year.
- (d) WA: FESA provides a wide range of emergency services under an integrated management structure. Data for 2006-07 cannot be segregated by service and includes SES and volunteer marine services as well as fire.
- (e) ACT: The increase in 2005-06 is due to a significant upgrade of Emergency Services Communications systems and inclusion of Joint Emergency Services Training Costs. In 2006-07 funding is included under 'miscellaneous revenue' for the placement of an Ericson sky crane in the ACT as part of the National Aerial Firefighting Strategy.

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

Table 9A.17

Table 9A.17 **Fire service organisations' funding per 1000 people (2006-07 dollars) (a)**

		<i>Unit</i>	<i>NSW (b)</i>	<i>Vic (c)</i>	<i>Qld</i>	<i>WA (d)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (e)</i>	<i>NT</i>	<i>Aust</i>
<b>Total government grants</b>											
2002-03											
Total	\$m		140.8	111.6	70.2	43.0	0.1	7.0	29.9	16.4	419.0
Population	m		6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7
Per 1000 people	\$		21 240	22 943	18 891	22 335	70	14 742	92 673	82 048	21 317
2003-04											
Total	\$m		119.7	105.3	69.8	1.3	0.4	5.7	32.1	16.3	350.7
Population	m		6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$		17 942	21 390	18 300	651	252	11 993	98 744	81 466	17 621
2004-05											
Total	\$m		165.7	114.4	54.8	16.8	0.1	6.3	37.5	18.6	414.3
Population	m		6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$		24 699	22 962	14 010	8 476	78	13 129	114 686	91 883	20 571
2005-06											
Total	\$m		160.1	118.9	57.4	27.4	1.5	4.1	43.1	19.0	431.4
Population	m		6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4
Per 1000 people	\$		23 692	23 530	14 333	13 575	980	8 347	130 404	92 079	21 137
2006-07											
Total	\$m		228.9	422.7	62.5	65.6	0.9	7.4	35.7	19.3	842.9
Population	m		6.8	5.1	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Per 1000 people	\$		33 576	82 422	15 265	31 842	583	15 170	106 874	91 397	40 718
<b>Total levies</b>											
2002-03											
Total	\$m		449.1	301.9	240.7	69.7	132.0	41.0	0.0	0.0	1 234.4
Population	m		6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7
Per 1000 people	\$		67 739	62 077	64 763	36 174	86 760	86 644	–	–	62 801
2003-04											
Total	\$m		484.1	345.6	243.6	127.4	138.8	39.5	0.0	0.0	1 379.0
Population	m		6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$		72 547	70 161	63 855	65 243	90 663	82 663	–	–	69 286
2004-05											
Total	\$m		476.2	361.3	246.9	105.4	139.4	38.9	0.0	0.0	1 367.9
Population	m		6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$		70 976	72 484	63 154	53 154	90 463	80 564	–	–	67 923
2005-06											
Total	\$m		495.6	369.6	250.2	110.0	139.6	38.1	0.0	0.0	1 403.2
Population	m		6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4
Per 1000 people	\$		73 363	73 167	62 463	54 552	89 884	78 360	–	–	68 754

Table 9A.17

Table 9A.17 **Fire service organisations' funding per 1000 people (2006-07 dollars) (a)**

		<i>Unit</i>	<i>NSW (b)</i>	<i>Vic (c)</i>	<i>Qld</i>	<i>WA (d)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (e)</i>	<i>NT</i>	<i>Aust</i>
<b>2006-07</b>											
Total	\$m		501.1	377.3	251.9	146.1	139.1	37.6	0.0	0.0	1 452.9
Population	m		6.8	5.1	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Per 1000 people	\$		73 499	73 565	61 569	70 955	88 673	76 663	–	–	70 186
<b>User charges</b>											
<b>2002-03</b>											
Total	\$m		22.9	12.9	16.1	2.2	3.9	6.7	0.2	1.8	66.6
Population	m		6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7
Per 1000 people	\$		3 452	2 655	4 319	1 118	2 557	14 189	490	9 135	3 388
<b>2003-04</b>											
Total	\$m		21.0	18.4	18.4	1.5	2.9	7.3	4.5	1.6	75.5
Population	m		6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$		3 142	3 731	4 825	757	1 911	15 336	13 730	7 945	3 795
<b>2004-05</b>											
Total	\$m		21.9	16.3	17.0	2.3	3.1	7.1	7.4	1.8	76.8
Population	m		6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$		3 258	3 279	4 340	1 150	2 010	14 609	22 748	8 691	3 813
<b>2005-06</b>											
Total	\$m		13.1	19.3	18.9	2.4	2.3	6.4	8.7	2.0	73.1
Population	m		6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4
Per 1000 people	\$		1 936	3 818	4 724	1 199	1 449	13 176	26 347	9 620	3 579
<b>2006-07</b>											
Total	\$m		12.9	21.7	23.7	3.9	3.4	6.6	8.6	2.0	82.8
Population	m		6.8	5.1	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Per 1000 people	\$		1 892	4 224	5 799	1 899	2 172	13 516	25 806	9 436	4 001
<b>Miscellaneous revenue</b>											
<b>2002-03</b>											
Total	\$m		143.1	19.1	8.5	2.7	5.3	1.9	0.2	0.1	180.8
Population	m		6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7
Per 1000 people	\$		21 589	3 921	2 296	1 410	3 458	3 951	618	260	9 200
<b>2003-04</b>											
Total	\$m		24.0	25.8	6.6	2.7	5.4	2.4	2.7	0.1	69.5
Population	m		6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$		3 589	5 232	1 731	1 371	3 507	4 923	8 344	405	3 493
<b>2004-05</b>											
Total	\$m		19.1	26.0	6.6	2.1	3.3	2.0	0.2	0.4	59.6
Population	m		6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$		2 842	5 209	1 695	1 052	2 112	4 213	610	1 905	2 960
<b>2005-06</b>											
Total	\$m		28.9	34.8	6.4	2.2	4.1	1.2	0.1	0.8	78.5
Population	m		6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4



Table 9A.17

Table 9A.17 **Fire service organisations' funding per 1000 people (2006-07 dollars) (a)**

		<i>Unit</i>	<i>NSW (b)</i>	<i>Vic (c)</i>	<i>Qld</i>	<i>WA (d)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (e)</i>	<i>NT</i>	<i>Aust</i>
Per 1000 people	\$		4 277	6 896	1 607	1 074	2 669	2 366	159	3 993	3 846
2006-07											
Total	\$m		31.7	68.3	5.8	12.3	3.2	1.8	5.9	0.8	129.7
Population	m		6.8	5.1	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Per 1000 people	\$		4 657	13 310	1 412	5 958	2 047	3 668	17 620	3 802	6 267
<b>Indirect government funding</b>											
2002-03											
Total	\$m		1 029	–	–	–	–	–	3.3	0.0	4.3
Population	m		6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7
Per 1000 people	\$		155	–	–	–	–	–	10 090	–	218
2003-04											
Total	\$m		–	–	–	–	–	–	3.5	–	3.5
Population	m		6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$		–	–	–	–	–	–	10 813	–	177
2004-05											
Total	\$m		–	–	–	–	–	–	3.4	–	3.4
Population	m		6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$		–	–	–	–	–	–	10 338	–	168
2005-06											
Total	\$m		–	–	–	–	–	na	2.3	–	2.3
Population	m		6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4
Per 1000 people	\$		–	–	–	–	–	na	6 890	–	111
2006-07											
Total	\$m		–	–	–	–	–	–	0.2	–	0.2
Population	m		6.8	5.1	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Per 1000 people	\$		–	–	–	–	–	–	607	–	10

(a) Funding levels are adjusted using the Australian Bureau of Statistics (ABS) GDP price deflator 2006-07 = 100 (table AA.26) to arrive at a constant price measure. Totals may not add as a result of rounding.

(b) NSW: Figures vary from year to year as a result of abnormal grants for specific major emergencies.

(c) Vic: The 2006-07 year is the first in which the Victorian data includes revenue for the Department of Sustainability and Environment (DSE) and explains the marked increase for that year.

(d) WA: FESA provides a wide range of emergency services under an integrated management structure. Data for 2006-07 cannot be segregated by service and includes SES and volunteer marine services as well as fire. A property-based Emergency Services Levy (ESL) was introduced in WA on 1 July 2003; insurance levies ended on 31 December 2003. The first full year of ESL funding was 2004-05. The ESL provides for delivery of all emergency services except for volunteer marine rescue. Data prior to 2003-04 relates to fire only and does not include funding for local government bush fire brigades.

(e) ACT: The increase in 2005-06 is due to a significant upgrade of Emergency Services Communications systems and inclusion of Joint Emergency Services Training Costs. In 2006-07 funding is included under 'miscellaneous revenue' for the placement of an Ericson sky crane in the ACT as part of the National Aerial Firefighting Strategy.

– Nil or rounded to zero.

Table 9A.17 **Fire service organisations' funding per 1000 people (2006-07 dollars) (a)**

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

# All jurisdictions — ambulance events

Table 9A.18

Table 9A.18 Major sources of ambulance service organisations revenue (2006-07 dollars) (a)

2002-03	Unit	NSW (b)	Vic (c)	Qld	WA	SA	Tas	ACT	NT	Aust
	Government grants									
	Australian	—	—	—	—	—	—	—	—	—
	State/Territory	76.4	59.4	55.3	19.8	45.7	82.4	63.4	58.4	60.9
	Local	—	—	—	—	—	—	—	—	—
	Subscription fees	—	16.0	20.7	2.5	16.9	—	0.2	3.4	10.4
	Transport fees									
	Interhospital	13.7	4.1	7.2	4.3	7.6	—	5.3	—	7.9
	Uninsured citizens	3.8	8.9	8.3	49.4	17.1	0.1	—	8.1	10.2
	Workers' compensation	na	1.4	0.8	—	—	1.5	—	0.7	0.6
	Motor accident insurance	3.9	4.9	2.3	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	0.7	—	—	2.4	0.4	0.6	0.4
	Donations	0.2	0.3	0.1	0.8	0.2	—	—	—	0.3
	Miscellaneous	1.3	2.8	4.5	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>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	76.4	59.4	55.4	19.8	45.7	82.4	63.4	58.4	60.9
	Indirect government revenue	—	1.7	—	—	—	—	29.8	—	1.1
	Other revenue (d)	1.5	19.0	25.3	19.6	19.9	2.7	0.7	28.7	14.2
	Transport fees	22.1	19.9	19.4	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>

Table 9A.18

Table 9A.18 Major sources of ambulance service organisations revenue (2006-07 dollars) (a)

	Unit	NSW (b)	Vic (c)	Qld	WA	SA	Tas	ACT	NT	Aust
Government grants	\$m	285.5	212.6	175.4	16.3	43.5	17.9	15.8	7.5	774.5
Indirect government revenue	\$m	—	6.0	—	—	—	—	7.4	—	13.5
Other revenue (d)	\$m	5.8	68.1	80.0	16.1	19.0	0.6	0.2	3.7	180.4
Transport fees	\$m	82.4	71.3	61.4	49.7	32.7	3.2	1.5	1.7	304.1
<b>Total</b>	<b>\$m</b>	<b>373.7</b>	<b>358.0</b>	<b>316.9</b>	<b>82.1</b>	<b>95.2</b>	<b>21.7</b>	<b>25.0</b>	<b>12.9</b>	<b>1 272.4</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
Uninsured 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
Donations	%	0.1	—	0.2	1.0	0.1	—	—	0.2	0.2
Miscellaneous	%	2.2	4.2	3.7	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>%</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 9A.18

Table 9A.18 Major sources of ambulance service organisations revenue (2006-07 dollars) (a)

	Unit	NSW (b)	Vic (c)	Qld	WA	SA	Tas	ACT	NT	Aust
Government grants	%	77.5	56.6	79.3	17.7	46.8	82.1	52.5	61.2	65.3
Indirect government revenue	%	—	1.4	—	—	—	—	36.8	—	1.0
Other revenue (d)	%	2.4	22.7	3.8	23.0	18.2	1.8	4.4	29.1	11.2
Transport fees	%	20.2	19.2	16.9	59.3	35.0	16.1	6.3	9.7	22.4
<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	310.6	209.6	259.0	15.7	50.1	18.4	12.4	8.1	883.8
Indirect government revenue	\$m	—	5.3	—	—	—	—	8.7	—	14.0
Other revenue (d)	\$m	9.5	84.1	12.5	20.4	19.4	0.4	1.0	3.8	151.1
Transport fees	\$m	80.8	71.2	55.1	52.6	37.5	3.6	1.5	1.3	303.5
<b>Total</b>	<b>\$m</b>	<b>400.9</b>	<b>370.2</b>	<b>326.6</b>	<b>88.7</b>	<b>107.0</b>	<b>22.4</b>	<b>23.6</b>	<b>13.2</b>	<b>1 352.4</b>
2004-05										
Government grants										
Australian	%	—	1.8	—	—	0.3	—	—	—	0.5
State/Territory	%	77.8	57.9	78.5	20.8	46.6	83.9	90.3	61.1	65.7
Local	%	—	—	—	—	—	—	—	—	—
Subscription fees	%	—	17.3	—	2.2	14.6	—	—	2.4	6.3
Transport fees										
Interhospital	%	11.7	3.9	7.2	4.0	8.7	—	7.7	—	7.2
Uninsured citizens	%	3.6	7.7	1.8	45.2	16.2	1.5	—	7.4	8.3
Workers' compensation	%	na	1.2	0.7	—	0.3	1.0	—	0.3	0.5
Motor accident insurance	%	3.5	4.5	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

Table 9A.18

Table 9A.18 Major sources of ambulance service organisations revenue (2006-07 dollars) (a)

	Unit	NSW (b)	Vic (c)	Qld	WA	SA	Tas	ACT	NT	Aust
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	4.8
Indirect government revenue	%	—	1.5	—	—	—	—	—	—	0.4
<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	%	77.8	59.6	78.6	20.8	46.8	83.9	90.3	61.1	66.3
Indirect government revenue	%	—	1.5	—	—	—	—	—	—	0.4
Other revenue (d)	%	2.9	20.9	4.1	23.2	19.3	0.9	0.6	27.6	11.3
Transport fees	%	19.3	17.9	17.3	56.0	33.9	15.2	9.1	11.3	22.0
<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	\$m	322.4	245.0	257.6	21.2	54.7	21.9	15.9	10.1	948.8
Indirect government revenue	\$m	—	6.3	—	—	—	—	—	—	6.3
Other revenue (d)	\$m	11.9	86.0	13.5	23.6	22.6	0.2	0.1	4.5	162.4
Transport fees	\$m	80.0	73.4	56.9	57.0	39.6	4.0	1.6	1.9	314.3
<b>Total</b>	<b>\$m</b>	<b>414.3</b>	<b>410.7</b>	<b>328.0</b>	<b>101.8</b>	<b>116.9</b>	<b>26.1</b>	<b>17.6</b>	<b>16.5</b>	<b>1 431.9</b>
2005-06										
Government grants										
Australian	%	—	1.6	—	—	0.2	0.2	—	—	0.5
State/Territory	%	75.1	58.0	78.0	34.4	46.1	87.5	94.3	63.5	66.2
Local	%	—	—	—	—	—	—	—	—	—
Subscription fees	%	—	17.5	—	1.9	14.4	—	—	2.4	6.3
Transport fees	%									
Interhospital	%	12.0	4.2	7.8	4.2	8.4	—	1.8	—	7.4

Table 9A.18

Table 9A.18 Major sources of ambulance service organisations revenue (2006-07 dollars) (a)

	Unit	NSW (b)	Vic (c)	Qld	WA	SA	Tas	ACT	NT	Aust
Other fees from citizens	%	5.3	8.3	1.9	29.3	18.9	1.3	—	6.7	8.0
Workers' compensation	%	na	1.1	0.8	—	0.3	0.9	—	0.3	0.5
Motor accident insurance	%	3.6	4.3	2.6	3.4	4.7	4.8	—	2.2	3.6
Veterans' Affairs	%	0.5	—	4.1	3.8	2.7	3.0	0.6	0.5	1.6
Other	%	—	0.6	0.5	—	—	0.6	2.8	0.6	0.3
Donations	%	0.2	0.2	—	0.8	0.1	—	—	—	0.2
Miscellaneous	%	3.4	3.0	4.2	22.2	4.0	1.7	0.5	23.8	5.0
Indirect government revenue	%	—	1.2	—	—	—	—	—	—	0.3
<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	%	75.1	59.6	78.0	34.4	46.3	87.7	94.3	63.5	66.7
Indirect government revenue	%	—	1.2	—	—	—	—	—	—	0.3
Other revenue (d)	%	3.6	20.7	4.3	25.0	18.6	1.7	0.6	26.3	11.5
Transport fees	%	21.3	18.5	17.7	40.7	35.1	10.6	5.1	10.2	21.5
<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	335.1	260.5	268.4	35.5	54.3	24.7	19.4	10.6	1 008.6
Indirect government revenue	\$m	—	5.3	—	—	—	—	—	—	5.3
Other revenue (d)	\$m	16.0	90.2	14.8	25.8	21.8	0.5	0.1	4.4	173.6
Transport fees	\$m	95.0	80.9	60.8	42.1	41.1	3.0	1.1	1.7	325.6
<b>Total</b>	<b>\$m</b>	<b>446.1</b>	<b>436.9</b>	<b>344.0</b>	<b>103.4</b>	<b>117.1</b>	<b>28.2</b>	<b>20.5</b>	<b>16.7</b>	<b>1 513.1</b>

2006-07

Government grants



Table 9A.18

Table 9A.18 Major sources of ambulance service organisations revenue (2006-07 dollars) (a)

	Unit	NSW (b)	Vic (c)	Qld	WA	SA	Tas	ACT	NT	Aust
Australian	%	—	1.5	—	—	0.2	0.9	—	—	0.5
State/Territory	%	72.5	55.8	78.5	32.4	45.4	87.2	78.2	65.5	64.8
Local	%	—	—	—	—	—	na	—	—	—
Subscription fees	%	—	18.8	—	1.7	14.1	—	—	2.1	6.4
Transport fees										
Interhospital	%	12.5	4.3	7.9	4.1	9.0	—	—	—	7.8
Other fees from citizens	%	6.7	9.1	1.4	31.5	19.5	1.0	—	6.0	8.6
Workers' compensation	%	na	1.1	0.7	—	0.4	0.5	—	0.3	0.5
Motor accident insurance	%	3.3	4.1	2.5	3.5	4.4	5.1	—	2.2	3.4
Veterans' Affairs	%	2.8	—	3.9	3.9	2.9	3.7	0.6	0.5	2.3
Other	%	—	0.8	0.5	—	0.1	0.6	20.2	0.6	0.6
Donations	%	—	0.2	0.3	0.8	0.1	—	—	1.1	0.2
Miscellaneous	%	2.2	3.6	4.3	22.1	3.9	1.0	1.0	21.8	4.8
Indirect government revenue	%	—	0.5	—	—	—	—	—	—	0.1
<b>Total share</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	%	72.5	57.3	78.5	32.4	45.7	88.1	78.2	65.5	65.2
Indirect government revenue	%	—	0.5	—	—	—	—	—	—	0.1
Other revenue (d)	%	2.3	22.6	4.5	24.5	18.1	1.0	1.0	25.0	11.4
Transport fees	%	25.3	19.6	17.0	43.1	36.2	10.9	20.8	9.5	23.3
<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	337.6	245.2	289.9	34.7	54.7	26.6	14.7	11.6	1 015.0
Indirect government revenue	\$m	—	2.2	—	—	—	—	—	—	2.2
Other revenue (d)	\$m	10.6	96.5	16.8	26.3	21.7	0.3	0.2	4.4	176.9
Transport fees	\$m	117.7	83.7	62.7	46.2	43.4	3.3	3.9	1.7	362.7
<b>Total</b>	<b>\$m</b>	<b>466.0</b>	<b>427.6</b>	<b>369.5</b>	<b>107.3</b>	<b>119.8</b>	<b>30.2</b>	<b>18.9</b>	<b>17.7</b>	<b>1 556.7</b>

Table 9A.18 Major sources of ambulance service organisations revenue (2006-07 dollars) (a)

Unit	NSW (b)	Vic (c)	Qld	WA	SA	Tas	ACT	NT	Aust
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(a) Funding levels are adjusted using the ABS GDP price deflator 2006-07 = 100 (table AA.26) to arrive at a constant price measure. Due to differences in definitions and counting rules, data reported may differ from data in agency annual reports and other sources.

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

(c) Victoria's 2002-03 other revenue includes profit on sale of non current assets of \$489 million.

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

na Not available. – Nil or rounded to zero.

Source: ABS Cat. no. 3303.0 (unpublished), State and Territory governments (unpublished).

Table 9A.19

Table 9A.19 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
2002-03										
Incidents										
Emergency incidents	'000	505	194	143	39	70	22	10	10	993
Urgent incidents	'000	—	122	196	39	63	13	9	7	448
Non-emergency incidents	'000	263	243	171	40	44	9	5	10	786
Casualty room attendances (i)	'000	—	—	—	—	—	—	—	—	—
<b>Total incidents</b>	'000	768	558	510	118	176	44	25	26	2 226
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7
Incidents per 100 000 persons	'000	12	11	14	6	12	9	8	13	11
Responses										
Emergency responses	'000	610	281	166	39	75	27	11	10	1 220
Urgent responses	'000	—	139	204	40	66	14	10	7	480
Non-emergency responses	'000	285	250	202	57	44	10	5	10	864
<b>Total responses</b>	'000	896	670	572	136	185	51	27	26	2 563
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7
Responses per 100 000 persons	'000	14	14	15	7	12	11	8	13	13
Patients										
Transported	'000	639	461	456	126	146	36	17	20	1 902
Treated not transported	'000	98	48	35	12	40	6	7	3	248
<b>Total patients</b>	'000	737	509	491	138	185	42	25	23	2 150
Patients per 100 000 persons	'000	11	10	13	7	12	9	8	12	11
Transport										
Total fleet road	m km	na	15.3	18.2	4.6	2.0	2.2	0.9	0.6	na
Flying hours fixed wing	'000 hrs	7	5	—	—	—	1	—	—	13
Flying hours rotary wing	'000 hrs	5	2	—	—	—	0	1	—	8
2003-04										
Incidents										
Emergency incidents	'000	515	200	145	42	72	27	10	na	na
Urgent incidents	'000	—	127	222	40	64	15	9	na	na

Table 9A.19

Table 9A.19 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
Non-emergency incidents	'000	272	236	192	61	48	11	5	na	na
Casualty room attendances (i)	'000	-	-	7	1	-	-	-	-	8
<b>Total incidents</b>	'000	787	563	566	144	184	53	25	na	na
Population	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Incidents per 100 000 persons	'000	12	11	15	7	12	11	8	na	na
Responses										
Emergency responses	'000	634	289	201	43	79	27	11	9	1 292
Urgent responses	'000	-	146	247	40	68	15	10	7	533
Non-emergency responses	'000	294	240	200	63	48	9	6	10	869
<b>Total responses</b>	'000	928	675	648	145	195	51	27	26	2 694
Population	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Responses per 100 000 persons	'000	14	14	17	7	13	11	8	13	14
Patients										
Transported	'000	616	467	491	134	149	33	18	20	1 928
Treated not transported	'000	137	48	30	13	28	-	10	3	268
<b>Total patients</b>	'000	753	515	520	147	177	33	27	23	2 196
Patients per 100 000 persons	'000	11	10	14	8	12	7	8	11	11
Transport										
Total fleet road	m km	na	15.8	19.6	5.0	2.0	2.0	0.6	0.6	na
Flying hours fixed wing	'000 hrs	7	5	-	-	-	1	-	-	13
Flying hours rotary wing	'000 hrs	5	2	-	0	-	-	1	-	8
2004-05										
Incidents										
Emergency incidents	'000	528	204	151	41	76	25	9	na	na
Urgent incidents	'000	-	130	247	41	63	15	9	na	na
Non-emergency incidents	'000	267	241	195	67	50	9	5	na	na
Casualty room attendances (i)	'000	-	-	7	-	-	-	-	-	7

Table 9A.19

Table 9A.19 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
<b>Total incidents</b>	'000	794	575	600	150	189	49	23	na	na
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Incidents per 100 000 persons	'000	12	12	15	8	12	10	7	na	na
<b>Responses</b>										
Emergency responses	'000	657	295	211	42	83	29	12	8	1 337
Urgent responses	'000	–	147	276	42	68	17	11	13	573
Non-emergency responses	'000	290	249	202	68	50	10	4	9	883
<b>Total responses</b>	'000	947	691	688	153	201	56	27	31	2 793
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Responses per 100 000 persons	'000	14	14	18	8	13	12	8	15	14
<b>Patients</b>										
Transported	'000	622	479	516	141	153	35	18	24	1 988
Treated not transported	'000	141	48	32	13	28	6	5	2	276
<b>Total patients</b>	'000	763	527	548	154	181	41	23	26	2 264
Patients per 100 000 persons	'000	11	11	14	8	12	8	7	13	11
<b>Transport</b>										
Total fleet road	m km	na	16.6	20.4	5.1	2.1	2.1	0.6	0.7	na
Flying hours fixed wing	'000 hrs	7	5	–	–	–	1	–	–	13
Flying hours rotary wing	'000 hrs	4	2	–	0	–	0	0	–	7
2005-06										
<b>Incidents</b>										
Emergency incidents	'000	414	219	165	43	84	29	11	na	na
Urgent incidents	'000	176	139	266	41	65	18	11	na	na
Non-emergency incidents	'000	245	268	207	71	51	12	5	na	na
Casualty room attendances (i)	'000	–	–	8	–	–	–	–	–	8
<b>Total incidents</b>	'000	834	626	646	156	200	59	27	na	na
Population	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4

Table 9A.19

Table 9A.19 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
Incidents per 100 000 persons	'000	12	12	16	8	13	12	8	na	na
Responses										
Emergency responses	'000	528	315	236	44	92	31	12	8	1 268
Urgent responses	'000	205	156	300	42	70	19	12	14	818
Non-emergency responses	'000	266	277	210	73	51	11	6	9	903
<b>Total responses</b>	'000	999	748	746	159	214	62	30	31	2 989
Population	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4
Responses per 100 000 persons	'000	15	15	19	8	14	13	9	15	15
Patients										
Transported	'000	655	529	556	147	161	37	19	25	2 128
Treated not transported	'000	146	50	45	14	32	10	6	2	305
<b>Total patients</b>	'000	801	579	601	161	192	46	25	27	2 432
Patients per 100 000 persons	'000	12	11	15	8	12	9	8	13	12
Transport										
Total fleet road	m km	na	21.2	21.8	5.3	8.9	2.2	0.8	0.7	na
Flying hours fixed wing	'000 hrs	8	5	-	-	-	1	-	-	14
Flying hours rotary wing	'000 hrs	6	2	-	1	-	0	1	-	9
2006-07										
Incidents (i)										
Emergency incidents	'000	453	234	190	45	95	29	11	na	1 057
Urgent incidents	'000	181	156	285	41	62	20	12	na	758
Non-emergency incidents	'000	246	279	213	80	59	11	7	na	895
Casualty room attendances (i)	'000	-	-	10	-	-	-	-	-	10
<b>Total incidents</b>	'000	880	670	698	166	216	61	29	na	2 719
Population	m	6.8	5.1	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Incidents per 100 000 persons	'000	13	13	17	8	14	12	9	na	13
Responses										
Emergency responses	'000	572	333	274	46	106	31	12	8	1 384

Table 9A.19

Table 9A.19 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
Urgent responses	'000	213	177	328	42	68	22	13	16	877
Non-emergency responses	'000	268	289	215	83	59	10	7	10	941
<b>Total responses</b>	'000	1 053	799	817	171	233	63	32	34	3 202
Population	m	6.8	5.1	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Responses per 100 000 persons	'000	15	16	20	8	15	13	10	16	15
Patients										
Transported	'000	709	559	569	155	176	37	19	27	2 251
Treated not transported	'000	180	58	52	18	29	12	8	2	360
<b>Total patients</b>	'000	889	617	621	174	204	49	27	29	2 611
Patients per 100 000 persons	'000	13	12	15	8	13	10	8	14	13
Transport										
Total fleet road	m km	na	23.6	25.4	5.8	9.4	2.3	0.8	0.7	na
Flying hours fixed wing	'000 hrs	8	5	-	-	-	1	-	-	14
Flying hours rotary wing	'000 hrs	6	2	-	1	-	0	1	-	10

(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) Prior to 2005-06, NSW did not triage emergency calls. Urgent incident and response caseload are included in emergency caseload figures. In 2005-06, the introduction of medical prioritisation has allowed for the separation of emergency and urgent activity.

(c) In Victorian Metropolitan Ambulance Service (MAS), incidents, responses and patients transported include road incidents only. In 2004-05 there were 4205 fixed wing air ambulance incidents and 1811 rotary wing incidents. In 2005-06 there were 4674 fixed wing air ambulance incidents and 1799 rotary wing incidents. There were 4187 patients transported by fixed wing aircraft and 1274 by rotary wing. In 2006-07 there were 4544 fixed wing air ambulance incidents and 1682 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.

Table 9A.19 **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
(f)	For South Australia, prior to 2006-07 incidents, response and patient data was based on patient case cards. Incidents, response and patient data for 2006-07 is extracted from South Australian Ambulance Computer Aided Dispatch data and is more aligned to the definitions provided by the CAA. As a result in some areas the data is not directly comparable with prior years. MAS: Road incidents only. Air Ambulance: 4,544 fixed with, 1682 rotary.									
(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. In 2005-06 incident data were unavailable as data is not recorded on the JESC system and all cases are considered an incident.									
(i)	No jurisdiction had casualty room attendance incidents for 2002-03.									
(j)	Data for incidents per 100 000 people are not available for NT and are not included in the rate for Australia.									
	<b>na</b> Not available .. Not applicable. – Nil or rounded to zero.									

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



Table 9A.20

## Table 9A.20 Ambulance service organisations' human resources (a)

Unit	NSW	Vic (a)	Qld (b)	WA (c)	SA (d)	Tas (e)	ACT (f)	NT	Aust	
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	FTE	2 926	2 016	2 289	475	667	185	110	78	8 747
Patient transport officers	FTE	134	41	138	38	69	2	5	1	429
Students and base level ambulance officers	FTE	534	411	468	104	58	33	11	18	1 637
Qualified ambulance officers	FTE	1 994	1 463	1 426	297	496	133	84	48	5 941
Clinical other	FTE	18	—	2	—	—	—	—	—	20
Communications operatives	FTE	247	101	255	35	44	17	10	11	721
Operational support personnel	FTE	246	144	212	64	57	24	14	13	774
Corporate support personnel	FTE	222	248	390	106	133	14	22	17	1 152
<b>Total salaried personnel</b>	<b>FTE</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	no.	118	819	575	1 767	1 295	448	—	16	5 038
Operational and corporate support	no.	—	—	—	857	235	—	—	1	1 093
<b>Total volunteers</b>	<b>no.</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>
2005-06										
Salaried personnel										
Ambulance operatives	%	86.6	83.1	79.2	72.5	76.8	81.1	75.0	72.9	81.7
Ambulance operatives	FTE	3 066	2 040	2 402	504	720	188	107	84	9 111
Patient transport officers	FTE	140	44	153	39	35	2	5	1	420
Students and base level ambulance officers	FTE	547	329	461	108	31	40	12	17	1 545
Qualified ambulance officers	FTE	2 083	1 562	1 505	321	580	129	78	55	6 313
Clinical other	FTE	23	—	1	—	—	—	—	—	24
Communications operatives	FTE	273	106	282	35	74	17	12	12	810

Table 9A.20

Table 9A.20 Ambulance service organisations' human resources (a)

Unit	NSW	Vic (a)	Qld (b)	WA (c)	SA (d)	Tas (e)	ACT (f)	NT	Aust
Operational support personnel	FTE 257	152	178	72	81	28	14	15	797
Corporate support personnel	FTE 218	263	453	118	136	16	22	16	1 243
<b>Total salaried personnel</b>	<b>FTE 3 541</b>	<b>2 455</b>	<b>3 033</b>	<b>695</b>	<b>937</b>	<b>232</b>	<b>143</b>	<b>116</b>	<b>11 152</b>
Volunteers (a)									
Ambulance operatives	no. 84	915	427	1 951	1 221	503	–	13	<b>5 114</b>
Operational and corporate support	no. –	–	–	900	258	–	–	1	<b>1 159</b>
<b>Total volunteers</b>	<b>no. 84</b>	<b>915</b>	<b>427</b>	<b>2 851</b>	<b>1 479</b>	<b>503</b>	<b>–</b>	<b>14</b>	<b>6 273</b>
2006-07									
Salaried personnel									
Ambulance operatives	% 86.3	83.0	77.6	71.1	74.0	81.7	79.1	74.9	80.9
Ambulance operatives	FTE 3 194	2 147	2 481	524	725	215	105	100	9 491
Patient transport officers	FTE 148	53	163	43	87	2	10	1	506
Students and base level ambulance officers	FTE 530	354	500	45	80	55	8	20	1 592
Qualified ambulance officers	FTE 2 212	1 641	1 511	400	504	139	78	63	6 548
Clinical other	FTE 33	–	1	–	–	–	–	–	34
Communications operatives	FTE 271	100	306	36	54	19	9	16	811
Operational support personnel	FTE 278	169	227	72	82	32	10	16	887
Corporate support personnel	FTE 229	272	489	141	173	16	18	18	1 355
<b>Total salaried personnel</b>	<b>FTE 3 701</b>	<b>2 589</b>	<b>3 197</b>	<b>737</b>	<b>980</b>	<b>263</b>	<b>133</b>	<b>134</b>	<b>11 733</b>
Volunteers (a)									
Ambulance operatives	no. 121	897	416	1 938	1 377	507	–	9	5 265
Operational and corporate support	no. –	–	–	901	242	–	–	1	1 144
<b>Total volunteers</b>	<b>no. 121</b>	<b>897</b>	<b>416</b>	<b>2 839</b>	<b>1 619</b>	<b>507</b>	<b>–</b>	<b>10</b>	<b>6 409</b>

Table 9A.20

Table 9A.20 **Ambulance service organisations' human resources (a)**

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

(b) *Qld*: Operational support personnel include station officers.

(c) *WA*: The comparatively high number of volunteers in the operational and corporate support category arises from including staff involved in the provision of the public First Aid services division. This division accounts for 45.7 FTE of corporate personnel.

(d) *SA* volunteers data are approximated.

(e) *Tas*: 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.

(f) *ACT*: Includes attribution of Emergency Service Agency Staff; on 1 July 2006 the ESA was re-absorbed into the Department of Justice & Community Safety and the ACT Government centralised Finance and HR staff in a Shared Service Centre.

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

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

Table 9A.21

Table 9A.21 **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(d)</i>	<i>NT</i>	<i>Total</i>
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>
2005-06									
Ambulance stations and locations									
Response locations	238	213	271	184	108	46	7	8	1 075
Communication centres	4	5	7	2	1	1	1	1	22
Other locations	44	51	36	113	11	2	2	–	259
<b>Total</b>	<b>286</b>	<b>269</b>	<b>314</b>	<b>299</b>	<b>120</b>	<b>49</b>	<b>10</b>	<b>9</b>	<b>1 356</b>
Ambulances and other vehicles									
Ambulance general purpose	869	488	691	405	199	94	16	30	2 792
Patient transport vehicles	84	41	104	16	19	2	2	2	270
Operational support vehicles	297	208	154	11	66	22	11	10	779
Special operations vehicles	19	18	–	–	–	6	1	–	44
Administrative vehicles	46	114	65	44	35	2	–	5	311
Other vehicles	58	27	46	18	8	5	1	4	167
<b>Total</b>	<b>1 373</b>	<b>896</b>	<b>1 060</b>	<b>494</b>	<b>327</b>	<b>131</b>	<b>31</b>	<b>51</b>	<b>4 363</b>

Table 9A.21

Table 9A.21 **Ambulance assets (number) (a)**

	<i>NSW</i>	<i>Vic</i> (b)	<i>Qld</i> (c)	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i> (d)	<i>NT</i>	<i>Total</i>
2006-07									
Ambulance stations and locations									
Response locations	244	214	277	184	110	47	7	8	1 091
Communication centres	4	6	7	2	1	1	1	1	23
Other locations	43	52	34	113	10	2	3	–	257
<b>Total</b>	<b>291</b>	<b>272</b>	<b>318</b>	<b>299</b>	<b>121</b>	<b>50</b>	<b>11</b>	<b>9</b>	<b>1 371</b>
Ambulances and other vehicles									
Ambulance general purpose	876	497	729	410	201	98	16	31	2 858
Patient transport vehicles	94	40	112	16	19	2	2	2	287
Operational support vehicles	300	226	169	8	69	22	11	10	815
Special operations vehicles	22	17	–	–	4	2	1	–	46
Administrative vehicles	51	127	46	44	37	2	–	5	312
Other vehicles	67	28	47	20	9	5	2	4	182
<b>Total</b>	<b>1 410</b>	<b>935</b>	<b>1 103</b>	<b>498</b>	<b>339</b>	<b>131</b>	<b>32</b>	<b>52</b>	<b>4 500</b>

- (a) Differences in geography, topography and operational structures require different resourcing models across jurisdictions.
- (b) Vic: 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. In 2006-07 for Victorian Metropolitan Ambulance Service (MAS), two ambulances have been excluded as they have been loaned for student training purposes only and are not used for responding.
- (c) Qld: Some response locations are co-located with other facilities. All communication centres are co-located with other facilities. Administration, education and fleet management (other) facilities are co-located with other facilities. QAS is not able to provide a count of stations where there is a mixed (paid and voluntary) workforce.
- (d) ACT: For 2006-07 the ESA provided shared HQ/Comcen, Fleet Workshop and Store/Logistics Centre to all four operational agencies (ambulance, urban fire, rural fire, and SES).
- Nil or rounded to zero.

Source: State and Territory governments (unpublished).

Table 9A.22

Table 9A.22 **Cardiac Arrest Survived Event Rate (a)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic (b)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
<b>Adult cardiac arrests where resuscitation attempted (excl. paramedic witnessed) (c)</b>									
2005-06	no.	na	1592	1369	364	na	na	67	na
2006-07	no.	1875	1655	1505	380	633	na	59	53
Survival incidents									
2005-06	no.	na	426	248	31	na	na	23	na
2006-07	no.	387	463	242	45	151	na	14	7
Survival rate									
2005-06	%	na	26.8	18.1	8.5	na	na	34.3	na
2006-07	%	20.6	28.0	16.1	11.8	23.9	na	23.7	13.2
<b>Adult VF/VT cardiac arrests (excl. paramedic witnessed) (d)</b>									
2005-06	no.	na	577	470	118	na	na	23	na
2006-07	no.	403	510	458	121	194	na	19	10
Survival incidents									
2005-06	no.	na	228	143	20	na	na	8	na
2006-07	no.	164	214	138	33	90	na	7	1
Survival rate									
2005-06	%	na	39.5	30.4	16.9	na	na	34.8	na
2006-07	%	40.7	42.0	30.1	27.3	46.4	na	36.8	10.0

(a) A number of States who previously reported data were unable to report in 2005-06 due to changes in definitions. For the out of hospital setting, survived event means sustained ROSC with spontaneous circulation until administration and transfer of care to the medical staff at the receiving hospital (Jacobs, et al. 2004). Note that this does not reflect the proportion of patients who will survive to be discharged from hospital alive.

(b) Vic: Excludes patients with unknown rhythm on arrival at hospital.

(c) Relates to the percentage of patients aged 16 years and over who were in out-of-hospital cardiac arrest (excluding paramedic witnessed) where any chest compressions and/or defibrillation was undertaken by ambulance/EMS personnel who have a return of spontaneous circulation (ROSC) on arrival at hospital.

(d) This category is a further breakdown of cardiac arrest data defined as the percentage of patients aged 16 years or over who were in out-of-hospital cardiac arrest (excluding paramedic witnessed) where the arrest rhythm on the first ECG assessment was either Ventricular Fibrillation or Ventricular Tachycardia who have a return of spontaneous circulation (ROSC) on arrival at hospital.

Source: State and Territory governments (unpublished)

Table 9A.23

Table 9A.23 **Ambulance code 1 response times (minutes) (a)**

	NSW (b)	Vic (c)	Qld (d)	WA	SA (e)	Tas (f)	ACT	NT
Statewide 50th percentile								
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
2005-06	9.5	9.0	8.0	9.7	9.6	10.2	7.5	8.5
2006-07	9.6	10.0	8.2	9.0	9.4	10.5	8.2	9.0
Statewide 90th percentile								
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
2005-06	19.6	17.0	16.0	15.9	17.4	21.1	13.3	21.0
2006-07	19.7	18.0	16.5	15.2	15.6	21.5	14.2	22.0
Capital city 50th percentile								
2002-03	np	np	np	np	np	np	np	np
2003-04	np	np	np	np	np	np	np	np
2004-05	np	np	np	np	np	np	np	np
2005-06	9.1	9.0	9.0	9.1	9.4	9.2	7.5	8.3
2006-07	9.3	9.0	8.3	8.9	9.3	9.4	8.2	8.3
Capital city 90th percentile								
2001-02	np	np	np	np	np	np	np	np
2003-04	np	np	np	np	np	np	np	np
2004-05	np	np	np	np	np	np	np	np
2005-06	16.6	14.0	15.0	15.4	15.2	15.3	13.3	21.0
2006-07	20.0	15.0	15.0	14.9	14.4	15.6	14.2	20.5

- (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. Ambulance service response times are recorded commencing from varying time points. For 2006-07 response times commence from the following: RAV; receipt of call: SA, MAS, and Tas; first key stroke: ACT; incident creation: NSW, QAS and WA; transfer to dispatch: and NT; crew dispatched.
- (b) NSW: Prior to 2005-06, NSW did not triage emergency calls. Results for code 1 cases represent '000' and urgent medical incidents. In 2005-06 the introduction of medical prioritisation has allowed for separation of emergency and urgent activity.
- (c) Vic: Data is incomplete for both 2003-04 and 2004-05 due to industrial action in the months of June and July 2004.
- (d) Qld: 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) SA: Prior to 2006-07 code 1 response times were calculated on all responses to category 1 and 2 cases and based on patient case cards. Code 1 response times for 2006-07 are now calculated from South Australian Ambulance Computer Aided Dispatch data and are more aligned to the definitions provided by the CAA. Code 1 response times for 2006-07 exclude second and subsequent vehicles arriving at an incident and exclude incidents where the category of dispatch was upgraded. As a result, the data are not directly comparable with prior years.
- (f) Tas: Has the highest proportion of population in small rural areas.

**np** Not published.

Source: State and Territory governments (unpublished).

Table 9A.24

Table 9A.24 Satisfaction with ambulance service organisations (a)

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
Patients surveyed in 2003	no.	1 300	2 600	1 300	1 300	1 300	1 300	1 300	1 300	11 700
Usable responses	no.	495	904	465	541	624	607	162	175	3 973
Very satisfied or satisfied	%	97.3	97.7	96.2	97.9	97.8	98.6	96.1	95.1	97.5
Neither satisfied nor dissatisfied	%	1.0	1.3	1.3	1.6	1.3	1.0	3.9	3.7	1.5
Dissatisfied or very dissatisfied	%	1.7	1.0	2.5	0.6	0.8	0.3	–	1.2	1.1
Total patients (est.) (b)	'000	737	509	491	138	185	42	25	23	2 150
Patients not surveyed (est.) (c)	'000	736	507	490	137	184	41	23	22	2 138
Patients surveyed in 2004	no.	1 300	2 600	1 300	1 300	1 300	1 300	1 300	1 300	11 700
Usable responses	no.	470	1 164	552	701	421	648	227	259	4 442
Very satisfied or satisfied	%	98.0	98.0	98.0	98.0	97.0	98.0	99.0	96.0	98.0
Neither satisfied nor dissatisfied	%	1.0	1.0	1.0	2.0	1.0	1.0	1.0	3.0	1.0
Dissatisfied or very dissatisfied	%	1.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Total patients (est.) (b)	'000	753	515	520	147	177	33	27	23	2 196
Patients not surveyed (est.) (c)	'000	752	514	519	146	175	32	26	21	2 185
Patients surveyed in 2005	no.	1 300	2 600	1 300	1 300	1 300	1 300	1 300	1 300	11 700
Usable responses	no.	421	1 227	589	488	569	548	587	279	4 708
Very satisfied or satisfied	%	97.0	97.0	98.0	98.0	98.0	97.0	98.0	94.0	97.0
Neither satisfied nor dissatisfied	%	1.0	1.5	1.0	1.0	1.0	1.0	2.0	3.0	2.0
Dissatisfied or very dissatisfied	%	2.0	1.5	1.0	1.0	1.0	2.0	1.0	3.0	1.0
Total patients (est.) (b)	'000	763	527	548	154	181	41	23	26	2 264
Patients not surveyed (c)	'000	762	525	547	153	179	40	21	25	2 252



Table 9A.24

Table 9A.24 Satisfaction with ambulance service organisations (a)

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
Patients surveyed in 2006	no.	1 300	2 600	1 300	1 300	1 300	1 300	1 300	1 300	11 700
Usable responses	no.	395	1 028	568	329	597	678	471	260	4 326
Very satisfied or satisfied	%	98.0	97.0	98.0	95.0	99.0	97.0	98.0	96.0	97.0
Neither satisfied nor dissatisfied	%	1.0	2.0	1.0	3.0	–	2.0	1.0	1.0	1.0
Dissatisfied or very dissatisfied	%	1.0	1.0	1.0	2.0	1.0	1.0	1.0	3.0	2.0
Total patients (est.) (b)	no.	801	579	601	161	192	46	25	27	2 432
Patients not surveyed (c)	no.	800	577	599	160	191	45	24	26	2 421
Patients surveyed in 2007	no.	1 300	2 600	1 300	1 300	1 300	1 570	1 300	1 300	11 970
Usable responses	no.	464	1 227	507	305	641	679	479	241	4 543
Very satisfied or satisfied	%	97.0	97.5	97.0	97.0	98.0	99.0	95.0	93.0	97.0
Neither satisfied nor dissatisfied	%	1.0	2.0	1.0	1.0	1.0	1.0	3.0	4.0	2.0
Dissatisfied or very dissatisfied	%	2.0	0.5	2.0	2.0	1.0	–	2.0	3.0	1.0
Total patients (est.) (b)	'000	889	617	621	174	204	49	27	29	2 611
Patients not surveyed (c)	'000	888	615	620	172	203	48	26	28	2 599

(a) These results are from a survey distributed to 1300 code 1 and code 2 patients (Emergency and Urgent).

(b) Total patients is copied from table 9A.19. It is equal to the sum of the number of patients transported plus the number treated and not transported.

(c) No. of patients not surveyed is equal to the total number of patients (those transported plus those not transported) minus the patients who were surveyed.

na Not available. – Nil or rounded to zero.

Source: Council of Ambulance Authorities National Patient Mailout Satisfaction Research 2002-2006, Adelaide

Table 9A.25

	NSW	Vic (h)	Qld	WA	SA	Tas (b)	ACT (c)	NT (d)	Total
<b>Table 9A.25 Ambulance service costs (\$'000) (2006-07 dollars) (a)</b>									
2002-03									
Labour costs (e)									
Salaries and payments in the nature of salaries	280 086	206 216	193 838	32 020	66 078	15 264	10 422	7 349	811 274
Payroll tax	-	-	8 882	-	-	922	-	-	9 804
Capital costs									
Depreciation	15 886	16 255	21 295	3 568	7 287	1 191	432	751	66 664
User cost of capital (f)									
Land	4 695	2 520	3 219	2 184	263	182	177	25	13 265
Other assets	11 580	8 150	14 570	2 479	2 802	1 524	671	476	42 251
Other costs	67 535	80 738	57 556	23 030	15 283	3 998	3 418	2 022	253 581
Interest on borrowings	320	-	552	-	-	-	-	-	871
<b>Total costs (g)</b>	<b>375 087</b>	<b>311 358</b>	<b>287 259</b>	<b>61 097</b>	<b>91 449</b>	<b>21 977</b>	<b>14 943</b>	<b>10 599</b>	<b>1 173 770</b>
2003-04									
Labour costs (e)									
Salaries and payments in the nature of salaries	292 689	212 999	201 573	34 579	70 668	15 607	11 724	7 929	847 768
Payroll tax	na	-	9 174	-	-	886	-	-	10 059
Capital costs									
Depreciation	16 938	16 176	21 388	4 439	7 784	1 336	373	687	69 122
User cost of capital (f)									
Land	4 677	2 575	3 261	2 182	522	195	169	24	13 606
Other assets	8 117	8 421	12 539	2 078	1 944	1 170	49	388	34 705
Other costs	108 826	114 123	82 902	34 529	21 930	5 865	3 970	2 692	374 838
Interest on borrowings	259	-	326	-	-	-	-	2	588
<b>Total costs (g)</b>	<b>426 572</b>	<b>351 718</b>	<b>318 402</b>	<b>75 625</b>	<b>102 326</b>	<b>23 978</b>	<b>16 116</b>	<b>11 696</b>	<b>1 326 434</b>

Table 9A.25

	NSW	Vic (h)	Qld	WA	SA	Tas (b)	ACT (c)	NT (d)	Total
<b>Table 9A.25 Ambulance service costs (\$'000) (2006-07 dollars) (a)</b>									
2004-05									
Labour costs (e)									
Salaries and payments in the	298 143	228 190	212 075	36 195	74 381	18 723	14 372	7 606	889 685
Payroll tax	-	9 440	10 106	-	-	1 060	-	-	20 607
Capital costs									
Depreciation	15 755	17 510	21 714	4 734	7 749	2 226	505	623	70 817
User cost of capital (f)									
Land	4 506	2 485	3 953	2 400	503	196	269	23	14 335
Other assets	9 809	12 339	17 539	3 054	2 908	1 141	940	586	48 315
Other costs	110 143	116 668	68 267	35 640	27 977	9 936	5 457	2 774	376 862
Interest on borrowings	201	-	250	-	-	-	-	16	468
<b>Total costs (g)</b>	<b>433 850</b>	<b>374 708</b>	<b>319 594</b>	<b>79 623</b>	<b>113 014</b>	<b>32 026</b>	<b>21 273</b>	<b>11 589</b>	<b>1 385 678</b>
2005-06									
Labour costs (e)									
Salaries and payments in the	309 996	258 009	220 107	39 803	71 147	19 318	13 012	9 135	940 526
Payroll tax	-	11 464	10 226	na	-	1 107	-	-	22 798
Capital costs									
Depreciation	15 047	18 543	21 955	5 551	7 920	2 034	350	586	71 986
User cost of capital (f)									
Land	5 038	3 575	4 206	2 291	555	188	218	22	16 093
Other assets	12 600	13 530	19 531	3 876	3 367	806	1 213	694	55 617
Other costs	119 585	123 847	73 113	31 571	26 965	9 355	6 763	3 063	394 263
Interest on borrowings	112	-	346	-	-	-	-	18	476
<b>Total costs (g)</b>	<b>457 227</b>	<b>413 930</b>	<b>334 706</b>	<b>80 802</b>	<b>109 399</b>	<b>31 513</b>	<b>21 338</b>	<b>13 478</b>	<b>1 462 393</b>

Table 9A.25

Table 9A.25 **Ambulance service costs (\$'000) (2006-07 dollars) (a)**

	NSW	Vic (h)	Qld	WA	SA	Tas (b)	ACT (c)	NT (d)	Total
2006-07									
Labour costs (e)									
Salaries and payments in the	311 837	262 582	229 615	41 092	80 077	20 146	11 533	9 820	966 702
Payroll tax (h)	-	-	9 157	na	-	1 232	-	-	10 389
Capital costs									
Depreciation	15 240	19 093	25 498	7 492	7 723	1 139	533	551	77 269
User cost of capital (f)									
Land	4 811	3 610	6 221	3 563	737	173	281	21	19 417
Other assets	11 883	15 332	20 896	1 716	3 511	824	650	788	55 600
Other costs	137 641	132 228	84 096	39 040	30 189	10 078	7 730	3 205	444 207
Interest on borrowings	2	-	210	-	-	-	-	-	212
<b>Total costs (g)</b>	<b>476 601</b>	<b>429 235</b>	<b>360 105</b>	<b>89 340</b>	<b>121 500</b>	<b>32 187</b>	<b>20 446</b>	<b>14 364</b>	<b>1 543 778</b>

(a) Cost levels are adjusted using the Australian Bureau of Statistics (ABS) GDP price deflator 2006-07 = 100 (table AA.26) to arrive at a constant price measure.

(b) Tas: The service is part of the Department of Health and Human Services and sources corporate support services from the Department. The value of other assets reported in 2004-05 was overstated. It included the value of land that was already reported separately.

(c) ACT: For 2005-06, the Ambulance Service data has been collated using the new Emergency Services Agency Capability Model, which utilises a different cost attribution model for shared costs across the Emergency Services Agency. Therefore, the financial figures for 2005-06 cannot be directly compared with those of previous years.

(d) In the NT, all property holding assets are held under a separate entity to St John Ambulance NT.

(e) Payroll tax is excluded from labour costs.

(f) The user cost of capital is partly dependent on depreciation and asset revaluation methods employed. Details of the treatment of assets by emergency management agencies across jurisdictions are outlined in table 8A.37.

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

(h) Vic: From 1 July 2006 Victorian Metropolitan Ambulance Service (MAS) was exempt from Payroll Tax.

na Not available. - Nil or rounded to zero.

Source: State and Territory governments (unpublished).

Table 9A.26

Table 9A.26 **Ambulance service organisations' expenditure per 1000 persons (2006-07 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>
2002-03										
Total	\$m	375.1	311.4	287.3	61.1	91.4	22.0	14.9	10.6	1 173.8
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7
Per 1000 persons	\$	56 579	64 014	77 278	31 725	60 117	46 481	46 325	53 142	59 719
2003-04										
Total	\$m	426.6	351.7	318.4	75.6	102.3	24.0	16.1	11.7	1 326.4
Population	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 1000 persons	\$	63 920	71 413	83 479	38 727	66 819	50 193	49 514	58 438	66 646
2004-05										
Total	\$m	433.8	374.7	319.6	79.6	113.0	32.0	21.3	11.6	1 385.7
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 persons	\$	64 667	75 182	81 764	40 160	73 358	66 328	64 985	57 314	68 803
2005-06										
Total	\$m	457.2	413.9	334.7	80.8	109.4	31.5	21.3	13.5	1 462.4
Population	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4
Per 1000 persons	\$	67 678	81 939	83 556	40 054	70 455	64 775	64 634	65 242	71 654
2006-07										
Total	\$m	476.6	429.2	360.1	89.3	121.5	32.2	20.4	14.4	1 543.8
Population	m	6.8	5.1	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Per 1000 persons	\$	69 912	83 699	88 012	43 389	77 477	65 698	61 174	68 181	74 573

- (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 2006-07 = 100 (table AA.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) For 2005-06, the ACT Ambulance Service data has been collated using the new Emergency Services Agency Capability Model, which utilises a different cost attribution model for shared costs across the Emergency Services Agency. Therefore, the financial figures for 2005-06 cannot be directly compared with those of previous years.

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

Table 9A.27

Table 9A.27 **Ambulance service organisations' revenue per 1000 persons  
(2006-07 dollars) (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 (b)</i>
<b>Total government grants</b>										
2002-03										
Total	\$m	285.5	212.6	175.4	16.3	43.5	17.9	15.8	7.5	774.5
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7
Per 1000 people	\$	43 058	43 705	47 193	8 449	28 604	37 885	49 100	37 769	39 403
2003-04										
Total	\$m	310.6	209.6	259.0	15.7	50.1	18.4	12.4	8.1	883.8
Population	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	46 546	42 549	67 903	8 027	32 700	38 415	38 081	40 359	44 404
2004-05										
Total	\$m	322.4	245.0	257.6	21.2	54.7	21.9	15.9	10.1	948.8
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$	48 058	49 148	65 914	10 686	35 530	45 290	48 641	49 877	47 110
2005-06										
Total	\$m	335.1	260.5	268.4	35.5	54.3	24.7	19.4	10.6	1 008.6
Population	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4
Per 1000 people	\$	49 600	51 570	66 994	17 615	34 939	50 778	58 626	51 233	49 420
2006-07										
Total	\$m	337.6	245.2	289.9	34.7	54.7	26.6	14.7	11.6	1 015.0
Population	m	6.8	5.1	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Per 1000 people	\$	49 526	47 807	70 861	16 856	34 867	54 278	44 111	54 848	49 031
<b>Indirect government revenue</b>										
2002-03										
Total	\$m	0.0	6.0	0.0	0.0	0.0	0.0	7.4	0.0	13.5
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7
Per 1000 people	\$	–	1 239	–	–	–	–	23 057	–	685
2003-04										
Total	\$m	0.0	5.3	0.0	0.0	0.0	0.0	8.7	0.0	14.0
Population	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	–	1 081	–	–	–	–	26 651	–	703
2004-05										
Total	\$m	0.0	6.3	0.0	0.0	0.0	0.0	0.0	0.0	6.3
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$	–	1 270	–	–	–	–	–	–	314
2005-06										
Total	\$m	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	5.3
Population	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4
Per 1000 people	\$	–	1 044	–	–	–	–	–	–	258

Table 9A.27

Table 9A.27 **Ambulance service organisations' revenue per 1000 persons (2006-07 dollars) (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 (b)</i>
<b>2006-07</b>										
Total	\$m	0.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	2.2
Population	m	6.8	5.1	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Per 1000 people	\$	–	424	–	–	–	–	–	–	105
<b>Other revenue (c)</b>										
<b>2002-03</b>										
Total	\$m	5.8	68.1	80.0	16.1	19.0	0.6	0.2	3.7	180.4
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7
Per 1000 people	\$	869	13 994	21 530	8 371	12 460	1 245	552	18 554	9 180
<b>2003-04</b>										
Total	\$m	9.5	84.1	12.5	20.4	19.4	0.4	1.0	3.8	151.1
Population	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	1 420	17 071	3 268	10 471	12 682	844	3 163	19 181	7 594
<b>2004-05</b>										
Total	\$m	11.9	86.0	13.5	23.6	22.6	0.2	0.1	4.5	162.4
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$	1 768	17 257	3 447	11 907	14 674	471	349	22 496	8 066
<b>2005-06</b>										
Total	\$m	16.0	90.2	14.8	25.8	21.8	0.5	0.1	4.4	173.6
Population	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4
Per 1000 people	\$	2 370	17 862	3 687	12 790	14 024	1 004	365	21 225	8 506
<b>2006-07</b>										
Total	\$m	10.6	96.5	16.8	26.3	21.7	0.3	0.2	4.4	176.9
Population	m	6.8	5.1	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Per 1000 people	\$	1 558	18 826	4 106	12 785	13 825	592	565	20 966	8 543
<b>Total transport fees</b>										
<b>2002-03</b>										
Total	\$m	82.4	71.3	61.4	49.7	32.7	3.2	1.5	1.7	304.1
Population	m	6.6	4.9	3.7	1.9	1.5	0.5	0.3	0.2	19.7
Per 1000 people	\$	12 436	14 666	16 520	25 811	21 510	6 866	4 767	8 360	15 471
<b>2003-04</b>										
Total	\$m	80.8	71.2	55.1	52.6	37.5	3.6	1.5	1.3	303.5
Population	m	6.7	4.9	3.8	2.0	1.5	0.5	0.3	0.2	19.9
Per 1000 people	\$	12 105	14 457	14 446	26 934	24 467	7 544	4 573	6 411	15 251
<b>2004-05</b>										
Total	\$m	80.0	73.4	56.9	57.0	39.6	4.0	1.6	1.9	314.3
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 1000 people	\$	11 924	14 731	14 549	28 746	25 699	8 215	4 906	9 196	15 607

Table 9A.27

Table 9A.27 **Ambulance service organisations' revenue per 1000 persons (2006-07 dollars) (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 (b)</i>
2005-06										
Total	\$m	95.0	80.9	60.8	42.1	41.1	3.0	1.1	1.7	325.6
Population	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4
Per 1000 people	\$	14 058	16 011	15 184	20 853	26 467	6 147	3 191	8 195	15 953
2006-07										
Total	\$m	117.7	83.7	62.7	46.2	43.4	3.3	3.9	1.7	362.7
Population	m	6.8	5.1	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Per 1000 people	\$	17 270	16 321	15 331	22 455	27 685	6 713	11 726	7 984	17 521

(a) Funding levels have been adjusted using the Australian Bureau of Statistics (ABS) GDP price deflator 2006-07 = 100 (table AA.26) to arrive at a constant price measure.

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

(c) 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 9A.28

Table 9A.28 Reported road rescue incidents (no.)

	NSW	Vic (a)	Qld (b)	WA	SA (c)	Tas	ACT	NT	Aust
Total incidents									
2002-03	5 544	2 565	3 797	144	2 650	423	56	306	15 485
2003-04	7 574	2 543	4 464	120	2 708	392	774	340	18 915
2004-05	6 512	2 317	5 360	863	2 619	545	597	73	18 886
2005-06	6 358	2 151	6 814	500	2 379	520	903	446	20 071
2006-07	7 002	2 258	7 809	583	1 997	475	954	437	21 515
Incidents per 100 000 persons									
2002-03	83.6	52.7	102.1	7.5	174.2	89.5	17.4	153.4	78.8
2003-04	113.5	51.6	117.0	6.1	176.8	82.1	237.8	169.9	95.0
2004-05	97.1	46.5	137.1	43.5	170.0	112.9	182.4	36.1	93.8
2005-06	94.1	42.6	170.1	24.8	153.2	106.9	273.5	215.9	98.3
2006-07	102.7	44.0	190.9	28.3	127.3	97.0	285.4	207.4	103.9

(a) Vic: Due to data collection issues, data is incomplete for 2005-06.

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

(c) SA: SASES reported taskings until 2005-06, not being able to distinguish incidents.

na Not available

Source: State and Territory governments (unpublished).

Table 9A.29

Table 9A.29 **Reported number of road rescue extrications (no.)**

	<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	648	1 103	654	108	479	101	11	105	3 209
2003-04	2 337	987	749	89	521	104	84	115	4 986
2004-05	4 657	1 002	717	802	na	117	104	68	7 467
2005-06	4 073	1 831	1 829	347	666	389	485	294	9 914
2006-07	4 453	1 751	2104	531	524	117	487	269	10 236
Extrications per 100 000 people									
2002-03	9.8	22.7	17.6	5.6	31.5	21.4	3.4	52.6	16.3
2003-04	35.0	20.0	19.6	4.6	34.0	21.8	25.8	57.5	25.1
2004-05	69.4	20.1	18.3	40.5	na	24.2	31.8	33.6	37.1
2005-06	60.3	36.2	45.7	17.2	42.9	80.0	146.9	142.3	48.6
2006-07	65.3	34.1	51.4	25.8	33.4	23.9	145.7	127.7	49.4
Extrications per 100 000 registered vehicles (f)									
2002-03	16.8	32.0	26.6	7.8	45.5	30.2	5.3	101.8	25.0
2003-04	60.6	28.7	30.5	6.4	49.5	31.1	40.7	111.5	38.8
2004-05	114.7	28.3	26.9	54.5	na	33.3	48.2	63.8	55.3
2005-06	97.7	50.2	66.1	31.2	43.5	107.4	441.6	133.9	71.2
2006-07	104.3	46.8	72.6	46.7	32.7	31.2	427.1	120.0	71.3
Extrications per million vehicle kilometres travelled									
2002-03	10.7	21.4	17.8	5.6	32.2	22.8	3.5	61.3	16.7
2003-04	37.6	17.9	19.2	4.3	34.8	22.4	26.3	73.1	24.7
2004-05	79.1	19.1	17.2	37.6	na	25.7	32.2	42.7	37.5
2005-06	69.2	34.8	43.9	16.3	43.7	85.3	150.0	184.4	49.8
2006-07	75.6	33.3	50.5	24.9	34.4	25.7	150.6	168.8	51.4

(a) Vic: Due to data collection issues, data is incomplete for 2005-06.

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

(c) WA: The apparent rise in the number of road rescue extrications in 2006-07 is due to improved data auditing.

(d) SA: SASES extrications are not available for 2004-05.

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

(f) Vehicle numbers for the two most recent years in this series, are taken from the ABS Motor Vehicle Census Cat. No. 9309.0, p. 10, published 31 March 2006. Vehicle numbers reported by ABS for the 2005 and 2006 calendar years are used as proxies for the 2005-06 and 2006-07 financial years. As a result of drawing vehicle numbers from the ABS publication in this way, the extrication rates shown here for the 2005-06 financial year differ from those published for that year in the 2007 ROGS Report.

na Not available.

Sources: State and Territory governments (unpublished); ABS *Survey of Motor Vehicle Use*, Cat. No. 9208.0, ABS *Motor Vehicle Census*, Cat. No. 9309.0

# All jurisdictions — State Emergency Services/Territory Emergency Services

Table 9A.30

Table 9A.30 **S/TES volunteer human resources (number)**

	<i>NSW (a)</i>	<i>Vic</i>	<i>Qld (b)</i>	<i>WA (c)</i>	<i>SA (d)</i>	<i>Tas</i>	<i>ACT</i>	<i>NT (e)</i>	<i>Aust</i>
2003-04									
Operational	na	na	na	2 039	2 050	464	180	na	na
Non-operational	na	na	na	na	na	na	50	na	na
<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	na	na	na	2 015	1 998	575	194	495	na
Non-operational	na	na	na	na	na	na	50	na	na
<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>31 968</b>
2005-06									
Operational	10 302	na	9 394	1 863	1 896	577	168	392	na
Non-operational	na	na	na	na	na	na	na	na	na
<b>Total</b>	<b>10 302</b>	<b>4 437</b>	<b>9 394</b>	<b>1 863</b>	<b>1 896</b>	<b>577</b>	<b>168</b>	<b>392</b>	<b>29 029</b>
2006-07									
Operational	10 331	3 101	7 000	1 854	1 821	525	191	347	25 170
Non-operational	–	1 310	na	na	na	na	na	na	na
<b>Total</b>	<b>10 331</b>	<b>4 411</b>	<b>7 000</b>	<b>1 854</b>	<b>1 821</b>	<b>525</b>	<b>191</b>	<b>347</b>	<b>26 480</b>

(a) NSW: Active volunteers are termed 'active members' and non-active volunteers are termed 'reserve members'.

(b) Qld: The decrease in numbers is the result of an audit of volunteer records that identified and removed records of volunteers who have left the SES.

(c) WA: Does not include 494 Volunteer Emergency Service members (included as FSO members).

(d) SA: SES data refer to active, operational members.

(e) NT: Transient persons in the NT see fluctuations in the numbers of volunteers.

na Not available.

Source: State and Territory governments (unpublished).

# All jurisdictions — other information

Table 9A.31

Table 9A.31 **Communications and dispatching systems**

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

(a) NSW: 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) Vic: 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.)

**Table 9A.31 Communications and dispatching systems**

- (c) Qld: 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.
- (d) Tas: The computer aided dispatch system is routinely upgraded to enhance service delivery by taking advantage of a range of technological innovations.
- (e) ACT: Common computer aided dispatch system.

Source: State and Territory governments (unpublished).



Table 9A.32

Table 9A.32 Selected fire risk management/mitigation strategies (a)

	NSW (b)	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 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 Environment and Conservation	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 and Wildlife Service to jointly manage significant landscape fires during the bushfire season.	Strategic bushfire management 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 <i>Emergencies Act, 2004</i> , to control the number, type, and location of prescribed fires during the bushfire season.	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 9A.32

Table 9A.32 Selected fire risk management/mitigation strategies (a)

NSW (b)	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 Environment and Conservation 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 new residential and tourist developments in bushfire-prone areas	Permit system to control the number, type and location of prescribed fires burning during the bushfire season.			

Table 9A.32

**Table 9A.32 Selected fire risk management/mitigation strategies (a)**

	NSW (b)	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 Safehome, Fight Fire Fascination	Community education programs	Community fire safe programs; community fireguard fire safety education for junior and primary schools	Specific fire safety programs for at-risk sectors of domestic and business community	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  Juvenile Firelighting Awareness Intervention Program (JFAIP) - fire prevention program to children 3-16 yrs presenting with dangerous firefighting 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	Community fire awareness programs	Development and distribution of school education teaching resources, television programs, videotapes, maps and bushfire action guides by EMA



Table 9A.33

Table 9A.33 **Prevention activities of fire service organisations**

	NSW	Vic	Qld	WA	SA	Tas	ACT (a)	NT
Promotion of:								
Smoke alarms	✓	✓	✓	✓	✓	✓	✓	✓
Maintenance of smoke alarms	✓	✓	✓	✓	✓	✓	✓	✓
Safety switches	✓	✓	✓	✓	✓	✓	✓	✓
Fire extinguishers	✓	✓	✓	✓	✓	✓	✓	✓
Fire blankets	✓	✓	✓	✓	✓	✓	✓	✓
General prevention and awareness for:	✓	✓	✓	✓	✓	✓	✓	✓
Residential	✓	✓	✓	✓	✓	✓	✓	✓
Business and government	✓	✓	✓	✓	✓	✓	✓	✓
Industry	✓	✓	✓	✓	✓	✓	✓	✓
Rural/farming	✓	✓	✓	✓	✓	✓	✓	✓
Targeted programs for:	✓	✓	✓	✓	✓	✓	✓	✓
Cultural and language diversity groups	✓	✓	✓	✓	✓	X	X	X
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	✓	✓	✓	✓	✓	✓	✓	✓

(a) ACT: Fire education program in primary schools. Road Awareness and Accident Prevention program targets year 11 students and aims to reduce road fatalities in the 17-24 year range. Juvenile Firefighting Awareness Intervention Program (JFAIP) is a fire prevention program aimed at 3-16 yr olds presenting with dangerous fire lighting behaviour. Farm BushFire Wise program provides information to communities in the rural interface. Yellow pages directory incorporates a 'Handy Map' to identify emergency locations. Attendance at community events including Canberra Show. Community Fire Unit Field Day. Community Safety Bulletins and Booklets. Mandatory legislation for new or renovated homes to have hard wired smoke alarms.

Source: State and Territory governments (unpublished).

Table 9A.34

Table 9A.34 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	✓	✓	✓	✓	✓	✓	✓	✓
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	✓	✓	✓
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 9A.35

Table 9A.35 **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)	✓	✓	✓	X	✓
Earthquakes	✓(a)	✓	✓	✓	✓	✓	✓(a)	✓
Civil defence	✓	✓	✓	✓	✓	✓	✓	✓
Land search and rescue	✓(a)	✓(a)	✓	✓(a)	✓	✓(a)	✓(a)	✓
Inland marine search and rescue	✓(a)	✓(a)	✓	✓(a)	✓	✓(a)	X	✓
Offshore marine search and rescue	X	✓(a)	✓	✓(b)	✓	X	✓(b)	✓
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	✓(a)	X	✓

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

(b) WASES and ACTES undertake air observer duties only, offshore. They do not participate in sea rescue.

Source: State and Territory governments (unpublished).

Table 9A.36

Table 9A.36 Treatment of assets by emergency management agencies (a), (b), (c)

Depreciation method	NSW		Vic		Qld (d)		WA		SA		Tas		ACT (e)		NT (f)		
	Straight-line	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																na
	Buildings	Fair or market value	Deprival or market value	Deprival or market value	Fair value or market	Market	Market	Market	Deprival	Deprival	Fair value or historical cost	Fair value or historical cost	Market	Market	Market	na	na
	Other assets	Fair or market value	Deprival or market value	Deprival or market value	Cost	..	..	..	Deprival	Deprival	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	3 years	5 years	5 years	5 years	5 years	5 years	na	na
	Other assets	5 years	1-5 years	1-5 years	na	3 years	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	20-30 years	30-40 years	20-30 years	33-100 years	30-40 years	40 years	40 years	40 years	40 years	40 years	40 years
	Specialist equipment	15 years	2-50 years	3-20 years	3-20 years	10-15 years	1-20 years	1-20 years	1-20 years	5-25 years	5-25 years	5-10 years	5-10 years	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	9-20 years	5-10 years	9-20 years	5-10 years	5-10 years	5-10 years	4 years	4 years	4 years	na	na
	Other vehicles	5-15 years	2-20 years	2-10 years	2-10 years	5-20 years	6-20 years	7-15 years	6-20 years	5-10 years	5-10 years	5-15 years	7-15 years	7-15 years	7-15 years	5-15 years	5-15 years
	Office equipment (g)	5-20 years	2-20 years	3-10 years	3-10 years	10-15 years	10 years	7 years	10 years	3-10 years	3-10 years	7 years	7 years	7 years	7 years	na	na
	Other equipment (h)	5-20 years	3-20 years	3-10 years	3-10 years	5-15 years	5 years	10 years	5 years	3-10 years	3-10 years	10 years	10 years	10 years	10 years	na	na
Threshold capitalisation levels (\$)	Buildings	5 000	All	5 000	5 000	1 000	10 000	1 000	10 000	10 000	1 000	2 000	2 000	2 000	2 000	na	na
	IT equipment	5 000	1 000	5 000	5 000	1 000	10 000	1 000	10 000	10 000	1 000	na	na	na	na	na	na
	Other assets	5 000	1 000	5 000	5 000	1 000	10 000	1 000	10 000	10 000	1 000	2 000	2 000	2 000	2 000	na	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 or a similar service potential or the stream of its future economic benefits.

(b) The assets used by the NSW Rural Fire Service are largely vested in Local Government. Accordingly, although issues such as asset depreciation and useful lives may be guided by Service policies, Local Government policies will prevail in other areas.



**Table 9A.36 Treatment of assets by emergency management agencies (a), (b), (c)**

- (c) Estimated as 1/depreciation rate.
- (d) Asset lives for some assets have been grouped with other classifications.
- (e) The recognition threshold for the revaluation of assets is \$500 000.
- (f) 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.
- (g) Services have reported under accrual based accounting from 2002-03. Those items reported are for St John Ambulance Service.
- (h) For some jurisdictions, office equipment includes furniture and fittings.
- (i) For some jurisdictions, other equipment includes information technology.

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

*Source:* State and Territory governments.

Table 9A.37

Table 9A.37 Summary of emergency management organisations by event type, 2006 (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
Fires	NSW Fire Brigades	Melbourne Fire and Emergency Services Board	Qld Fire and Rescue Service	FESA Operations Division	Country Fire Service	Tasmania Fire Service	ACT Emergency Services Agency	NT Fire and Rescue Service	Airservices Australia (Rescue and Fire Fighting Service)
	NSW Rural Fire Service	Country Fire Authority	Qld Police Service	Local governments	Metropolitan Fire Service	Forestry Tasmania	ACT Fire Brigade	Bushfires NT	Defence
	NSW Police Force	Department of Sustainability and Environment	Department of Natural Resources	Department of Environment and Conservation		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
	Department of Environment and Climate Change NSW	Airport Rescue and Firefighting Service	Local government assets	FESA Operations Division (support)					Australian Building Codes Board
		Gas distribution companies	Qld Ambulance Service	WA Police Service					Department of Transport and Regional Services
			Qld SES	Department for Community Development					
Medical transport and emergencies	Ambulance Service of NSW	Metropolitan Ambulance Service	Qld Rescue (Helicopter)	St John Ambulance	SA Ambulance Service	Tasmania Ambulance Service	ACT Emergency Services Agency	St John Ambulance	
	NSW Health	Rural Ambulance Victoria	Qld Rescue	FESA operations Division			ACT Ambulance Service	Royal Flying Doctor Service	
	Helicopter Rescue Services (under ambulance control)	Alexandra District Ambulance service	Qld Health	Royal Flying Doctor Service				Territory Health Service	
		Melbourne Fire and Emergency Services Board	Royal Flying Doctor Service						
Road rescues	NSW Fire Brigades	Melbourne Fire and Emergency Services Board	Qld Fire and Rescue Service	FESA Operations Division	State Emergency Service	Tasmania Police		NT Fire and Rescue Service	
	NSW Police Force	Country Fire Authority	Qld SES		Metropolitan Fire Service	State Emergency Service	ACT Fire Brigade	NT Emergency Services	

Table 9A.37

Table 9A.37 Summary of emergency management organisations by event type, 2006 (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
Rescues (other)	Ambulance Service of NSW	Victoria SES	Qld Ambulance Service		Country Fire Service				
	NSW SES Volunteer Rescue Association		Qld Police Service						
	NSW Fire Brigades	Melbourne Fire and Emergency Services Board	Qld Fire and Rescue Service	WA Police Service	State Emergency Service	Tasmania Police	ACT Emergency Services Agency	NT Fire and Rescue Service	Australian Maritime Safety Authority
	NSW Police Force	Country Fire Authority	Qld SES	FESA Operations Division	Metropolitan Fire Service	State Emergency Service	ACT Fire Brigade	NT Emergency Services	Defence
	Ambulance Service of NSW	Victoria SES	Qld Ambulance Service	FESA Operations Division (support)	Country Fire Service	Tasmania Fire Service	Australian Federal Police	NT Police	Australian Customs Service
	NSW SES	Victoria Police	Qld Police Service	FESA Volunteer Marine Rescue Services	SA Police	Tasmania Ambulance Service	ACT State Emergency Service		
	Volunteer Rescue Association	Metropolitan Ambulance Service	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							
Natural events	State Emergency Service	Building Control Commissioner	Local government	FESA Operations Division	SDP Functional Services	State Emergency Service	ACT Emergency Services Agency	NT Emergency Service	Emergency Management Australia
	NSW Police Force	Victoria State Emergency Service	Qld State Emergency Service	FESA Operations Division (support)		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 Emergency Service	NT Fire and Rescue Service	Geoscience Australia
	Ambulance Service of NSW	Country Fire Authority	Qld Police Service	Department for Community Development		Tasmanian Ambulance Service	Department of Urban Service	Parks and Wildlife	Bureau of Meteorology
	Volunteer Rescue Association	Municipal councils	Qld Ambulance Service	Mineral and Petroleum Resources		Local government authorities	ACT Ambulance Service	Local Councils	Defence
	Department of Commerce	Volunteer groups	Environmental Protection Agency	Department of Agriculture		Department of Health and Human Services	ACT Rural Fire Service		Australian Building Codes Board

Table 9A.37 Summary of emergency management organisations by event type, 2006 (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
Natural events (continued)	Department of Primary Industry		Department of Families	Department of Health		Department of Primary Industries, Water and Environment			
	Department of Environment and Climate Change NSW Ministry of Transport			Water Corporation					
	Department of Premier and Cabinet NSW Treasury 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			Department for Planning and Infrastructure					
Technological and hazardous material incidents	NSW Fire Brigades NSW Rural Fire Service	Melbourne Fire and Emergency Services Board Country Fire Authority Victoria Police Metropolitan Ambulance Service Rural Ambulance Victoria	Qld Fire and Rescue Service Chemical Hazards Unit Qld Transport Qld Health Qld Ambulance Service	FESA Operations Division WA Police Service Industry Emergency Response Groups Department of Industry and Resources St John Ambulance	SDP Functional Services SA Ambulance Service	DPIWE (Environmental and Pollution Control) SES Local government Department of Police and Public Safety	ACT Fire Brigade Australian Federal Police Environment Protection Authority ACT Health and Community Care	NT Fire and Rescue Service NT Police Territory Health Service St John Ambulance MBT	Australian Maritime Safety Authority Department of Transport and Regional Services Emergency Management Australia Airservices Australia Civil Aviation Safety Authority

Table 9A.37 Summary of emergency management organisations by event type, 2006 (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
Technological and hazardous material incidents (continued)	NSW Health	Department of Human Services	Qld Police Service	Department of Environment and Conservation		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			
Quarantine and disease control	Department of Environment and Climate Change NSW	(Vic Channels, Local Ports Operators)		Port Authorities		Department of Health and Human Services			
		Department of Sustainability and Environment		Department of Environment and Conservation		Department of Infrastructure, Energy and Resources			
		Parks Victoria		Department of Planning and Infrastructure		Local government authorities			
	NSW Health	Department of Sustainability and Environment	Department of Primary Industries	Department of Health	SDP Functional Services	Department of Primary Industries, Water and Environment (Quarantine)	ACT Health and Community Care	NT Emergency Service	Department of Health and Aging
	Department of Primary Industry	(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 Force	Department of Human Services (Public Health)	Department of Emergency Services (DES)					Transport and Works Department	Emergency Management Australia
	Department of Environment and Climate Change NSW		Qld Transport	FESA Operations Division				Department Primary Industry and Fisheries	Agriculture, Fisheries and Forestry Australia
	NSW Fire Brigades		Local government						Department of Foreign Affairs and Trade

Table 9A.37

Table 9A.37 Summary of emergency management organisations by event type, 2006 (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
Emergency relief and recovery	State Emergency Management Committee	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 Agency	NT TES	Department Family and Community Services
	NSW Police Force	Department of Human Services (Public Health)	Department of Families	Utility agencies		Salvation Army	Department Community Services	Territory Health Services	Centrelink
	Department of Commerce	Church/charitable organisations	Local government	Department of Health		Department of Infrastructure Energy 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 organisations	Charity organisations	Emergency Management Australia
	Department of Premier and Cabinet	Victoria Police	Qld Health	Local governments		Tasmania SES		Red Cross	
	NSW Treasury								
	NSW Health	Department of Sustainability and Environment		Insurance Council of Australia					
	Department of Primary Industry	(Agriculture)		FESA Operations Division (support)					
	Red Cross								
	St. Vincent De Paul								
	Department of Transport	Vic Roads		Department of Treasury and Department Agriculture					
	Department of Education	Utility companies							
	Community Relations Commission			Department of Environment and Conservation, Catchment and Water Protection					
	Salvation Army			Department Mineral and Petroleum Resources					
	Seventh Day Adventist			Department Planning and Infrastructure					
	Local government authorities								

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

**Table 9A.37 Summary of emergency management organisations by event type, 2006 (a), (b)**

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
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(b) Organisations are ordered by level of involvement in each event type, except for the column under the heading of Australian Government. 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).

(c) Emergency Management Australia is the central coordinating Australian Government agency for any hazard, at the request of the jurisdictions.

(d) The Australian Government administrative arrangements referred to in this table reflect the arrangements in place as at 2 December 2007.

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

**Table 9A.38 Reported fires and other primary incidents, urban and rural inclusions and exclusions, 2006-07**

<b>Table no.</b>	<b>Table title</b>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
9A.2	Reported fires & other primary incidents attended to by fire service organisations	✓	✓	X	✓	✓	✓	X	X
9A.3	Fire service organisations and land management agencies reported total landscape fire incidents	✓	✓	X	✓	✓	✓	X	X
9A.4	Accidental residential structure fires reported to fire service organisations per 100 000 households	✓	✓	X	✓	✓	✓	✓	X
9A.8	Median dollar loss per structure fire	X	✓	X	✓	✓	✓	✓	X
9A.9	Total property loss from structure fire - dollars per person	X	✓	X	✓	✓	✓	✓	X
9A.10	Total fire incidents attended by fire service organisations per 100 000 persons	✓	✓	X	✓	✓	✓	X	X
9A.12	Response times to structure fires	✓	✓	X	✓	✓	✓	✓	X
9A.13	Structure fires and response times to structure fires across geographic areas	✓	✓	X	✓	✓	✓	✓	X
9A.14	Structure fires confined to the room of origin (per cent)	X	✓	X	✓	X	✓	✓	X
9A.39	Top 5 Ignition factors	✓	✓	X	✓	✓	✓	✓	X
Table 9.3	Hazardous materials incidents attended by fire service organisations	✓	✓	X	✓	✓	✓	✓	X

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



Table 9A.39 **Top 5 Ignition factors**

No.	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
<b>structure fires</b>	6 971	6 233	2 638	1 452	1 534	708	278	146	19 960
	Undetermined or not reported (18.4%)	Other (21.9%)	Undetermined or not reported (28.5%)	Other (23.3%)	Undetermined or not reported (59.6%)	Other (20.9%)	Other (23.7%)	Undetermined or not reported (41.1%)	Undetermined or not reported (21.6%)
	Other (18.4%)	Unattended heat sources (17.8%)	Other (19.1%)	Undetermined or not reported (17.8%)	Other (13.1%)	Unattended heat sources (20.6%)	Suspicious (17.6%)	Other (26.7%)	Other (19.8%)
	Unattended heat sources (18.4%)	Undetermined or not reported (12.8%)	Unattended heat sources (12.6%)	Suspicious (12.1%)	Incendiary(5.5%)	Incendiary (15.7%)	Unattended heat sources (11.9%)	Short-circuit, ground fault and other electrical failure (7.5%)	Unattended heat sources (15.3%)
	Short-circuit, ground fault and other electrical failure (8.7%)	Short-circuit, ground fault and other electrical failure (12.5%)	Suspicious (6.6%)	Short-circuit, ground fault and other electrical failure (9.3%)	Short-circuit, ground fault and other electrical failure (5.1%)	Undetermined or not reported (12.0%)	Short-circuit, ground fault and other electrical failure (9.7%)	Suspicious (4.8%)	Short-circuit, ground fault and other electrical failure (9.3%)
	Suspicious (8.5%)	Suspicious (11%)	Short-circuit, ground fault and other electrical failure (6.5%)	Unattended heat sources (7.9%)	Abandoned, discarded material including discarded cigarettes (2.9%)	Failure to clean (9.6%)	Undetermined or not reported (9.4%)	Abandoned, discarded material including discarded cigarettes (3.4%)	Suspicious (8.5%)

Source: State and Territory Governments (unpublished).