

## 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' revenue (2007-08 dollars) (a)

2003-04	Unit	NSW (b)	Vic (c)	Qld	WA (d)	SA	Tas	ACT (e)	NT (f)	Total
	Government grants									
	Australian	—	0.5	1.1	1.0	0.3	0.6	—	2.5	0.5
	State/Territory	9.8	15.2	19.5	—	—	9.9	75.0	88.2	13.7
	Local	8.7	5.6	—	—	—	—	—	—	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	124.1	109.2	72.4	1.3	0.4	5.9	33.3	16.9	363.6
	Total levies	501.9	358.2	252.5	132.1	143.9	40.9	—	—	1 429.6
	User charges	21.7	19.1	19.1	1.5	3.0	7.6	4.6	1.6	78.3
	Miscellaneous revenue	24.8	26.7	6.8	2.8	5.6	2.4	2.8	0.1	72.1
	Indirect government funding	—	—	—	—	—	—	3.6	—	3.6
	<b>Total</b>	<b>672.6</b>	<b>513.2</b>	<b>350.8</b>	<b>137.7</b>	<b>152.9</b>	<b>56.9</b>	<b>44.4</b>	<b>18.6</b>	<b>1 947.2</b>

Table 9A.1

Table 9A.1 Major sources of fire service organisations' revenue (2007-08 dollars) (a)

2004-05	Unit	NSW (b)	Vic (c)	Qld	WA (d)	SA	Tas	ACT (e)	NT (f)	Total
	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	24.3	22.1	16.8	13.3	0.1	11.7	78.7	89.7	21.6
	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	\$m 172.3	\$m 119.0	\$m 56.9	\$m 17.5	\$m 0.1	\$m 6.6	\$m 39.0	\$m 19.3	\$m 430.9
	Total levies	\$m 495.2	\$m 375.7	\$m 256.7	\$m 109.6	\$m 144.9	\$m 40.5	\$m —	\$m —	\$m 1 422.6
	User charges	\$m 22.7	\$m 17.0	\$m 17.6	\$m 2.4	\$m 3.2	\$m 7.3	\$m 7.7	\$m 1.8	\$m 79.9
	Miscellaneous revenue	\$m 19.8	\$m 27.0	\$m 6.9	\$m 2.2	\$m 3.4	\$m 2.1	\$m 0.2	\$m 0.4	\$m 62.0
	Indirect government funding	\$m —	\$m —	\$m —	\$m —	\$m —	\$m —	\$m 2.6	\$m —	\$m 2.6
	<b>Total</b>	<b>\$m 710.1</b>	<b>\$m 538.7</b>	<b>\$m 338.2</b>	<b>\$m 131.6</b>	<b>\$m 151.7</b>	<b>\$m 56.5</b>	<b>\$m 49.6</b>	<b>\$m 21.6</b>	<b>\$m 1 997.9</b>

Table 9A.1

Table 9A.1 Major sources of fire service organisations' revenue (2007-08 dollars) (a)

2005-06	Unit	NSW (b)	Vic (c)	Qld	WA (d)	SA	Tas	ACT (e)	NT (f)	Total
	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	–	–	–	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	–	–	–	–	–	–	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	–	–	–	–	–	–	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	166.5	123.7	59.7	28.5	1.6	4.2	44.8	19.8	448.8
	Total levies	515.6	384.5	260.3	114.5	145.2	39.7	–	–	1 459.8
	User charges	13.6	20.1	19.7	2.5	2.3	6.7	9.0	2.1	76.0
	Miscellaneous revenue	30.1	36.2	6.7	2.3	4.3	1.2	0.1	0.9	81.7
	Indirect government funding	–	–	–	–	–	–	2.5	–	2.5
	<b>Total</b>	<b>725.8</b>	<b>564.5</b>	<b>346.4</b>	<b>147.8</b>	<b>153.4</b>	<b>51.8</b>	<b>56.4</b>	<b>22.7</b>	<b>2 068.8</b>

Table 9A.1

Table 9A.1 Major sources of fire service organisations' revenue (2007-08 dollars) (a)

2006-07	Unit	NSW (b)	Vic (c)	Qld	WA (d)	SA	Tas	ACT (e)	NT (f)	Total
	Government grants									
	Australian	%	0.8	1.4	2.0	0.4	0.9	—	1.4	0.7
	State/Territory	%	43.3	16.8	26.0	na	13.0	70.8	86.0	29.2
	Local	%	7.7	—	0.7	na	na	—	—	3.7
	Levies									
	On insurance companies	%	41.4	—	—	na	24.2	—	—	34.3
	On property owners	%	2.9	73.3	64.1	94.9	46.1	—	—	23.6
	User charges	%	1.7	6.9	1.7	2.3	12.4	17.1	9.0	3.3
	Miscellaneous revenue	%	4.1	1.7	5.4	2.2	3.4	11.7	3.6	5.2
	Indirect government funding	%	—	—	—	—	na	0.4	—	0.0
	<b>Total</b>	%	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>99.8</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
	Total government grants	%	29.6	18.2	28.8	0.6	13.9	70.8	87.3	33.6
	Total levies	%	64.7	73.3	64.1	94.9	70.3	—	—	57.9
	User charges	%	1.7	6.9	1.7	2.3	12.4	17.1	9.0	3.3
	Miscellaneous revenue	%	4.1	1.7	5.4	2.2	3.4	11.7	3.6	5.2
	Indirect government funding	%	—	—	—	—	na	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>
	Total government grants	\$m	238.4	65.1	68.3	1.0	7.7	37.2	20.1	878.0
	Total levies	\$m	521.9	262.4	152.2	144.9	39.1	—	—	1 513.5
	User charges	\$m	13.4	24.7	4.1	3.5	6.9	9.0	2.1	86.3
	Miscellaneous revenue	\$m	33.1	71.1	12.8	3.3	1.9	6.1	0.8	135.2
	Indirect government funding	\$m	—	—	—	—	na	0.2	—	0.2
	<b>Total</b>	\$m	<b>806.9</b>	<b>358.2</b>	<b>237.3</b>	<b>152.7</b>	<b>55.6</b>	<b>52.5</b>	<b>23.0</b>	<b>2 613.2</b>



Table 9A.1

Table 9A.1 Major sources of fire service organisations' revenue (2007-08 dollars) (a)

2007-08	Unit	NSW (b)	Vic (c)	Qld	WA (d)	SA	Tas	ACT (e)	NT (f)	Total
	Government grants									
	Australian	–	0.4	1.4	2.6	1.5	2.2	–	7.8	0.8
	State/Territory	13.3	33.3	17.9	20.8	–	9.8	80.3	80.3	21.9
	Local	8.4	4.2	–	1.6	–	–	–	–	4.1
	Levies									
	On insurance companies	67.9	52.9	–	–	–	26.0	–	–	38.9
	On property owners	3.4	1.3	72.2	69.3	91.8	47.5	–	–	26.4
	User charges	1.7	4.1	7.3	1.9	4.6	11.9	17.4	10.3	4.1
	Miscellaneous revenue	5.3	3.8	1.2	4.0	2.1	2.6	2.4	1.7	3.7
	Indirect government funding	–	–	–	–	–	–	–	–	–
	<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	21.7	38.0	19.3	24.9	1.5	12.0	80.3	88.0	26.8
	Total levies	71.3	54.1	72.2	69.3	91.8	73.5	–	–	65.3
	User charges	1.7	4.1	7.3	1.9	4.6	11.9	17.4	10.3	4.1
	Miscellaneous revenue	5.3	3.8	1.2	4.0	2.1	2.6	2.4	1.7	3.7
	Indirect government funding	–	–	–	–	–	–	–	–	–
	<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	166.2	288.2	69.8	57.8	2.6	6.9	38.9	16.9	647.2
	Total levies	547.1	411.2	261.3	160.9	152.2	41.9	–	–	1 574.6
	User charges	13.1	31.3	26.5	4.3	7.6	6.8	8.4	2.0	100.0
	Miscellaneous revenue	40.8	28.7	4.2	9.2	3.4	1.5	1.2	0.3	89.3
	Indirect government funding	–	–	–	–	–	–	–	–	–
	<b>Total</b>	<b>767.2</b>	<b>759.3</b>	<b>361.8</b>	<b>232.3</b>	<b>165.8</b>	<b>57.0</b>	<b>48.5</b>	<b>19.2</b>	<b>2 411.1</b>

Table 9A.1

Table 9A.1 Major sources of fire service organisations' revenue (2007-08 dollars) (a)

Unit	NSW (b)	Vic (c)	Qld	WA (d)	SA	Tas	ACT (e)	NT (f)	Total
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(a) Data have been adjusted to 2007-08 dollars using the gross domestic product (GDP) price deflator (2007 08 = 100) (table AA.26). Due to differences in definitions and counting rules, data reported may differ from those in agency annual reports and other sources. Totals may not sum as a result of rounding.

(b) NSW: Figures vary from year to year as a result of abnormal expenditure related to the response to specific major emergencies.

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

(d) WA: FESA provides a wide range of emergency services under an integrated management structure. Data from 2006-07 are not segregated by service and include funding related to delivery of other emergency services including SES and volunteer marine rescue. Data for the Department of Environment and Conservation are not included.

(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: NT Fire and Rescue and Bushfires NT are NT Government funded.

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)

2003-04	NSW	Vic (b)	Qld (c)	WA (d)	SA (e)	Tas (f)	ACT (g)	NT	Aust
<b>Fires</b>									
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>
<b>Other emergencies and incidents</b>									
Nonfire rescue calls including road rescue	11 047	7 190	10 501	804	3 596	452	1 082	551	35 223
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>145 569</b>	<b>63 133</b>	<b>62 335</b>	<b>25 703</b>	<b>27 816</b>	<b>9 458</b>	<b>9 485</b>	<b>6 032</b>	<b>349 531</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
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
<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>

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
2005-06									
Fires									
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>
Other emergencies and incidents									
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>365 251</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
2006-07									
Fires									
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>
Other emergencies and incidents									
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>

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
2007-08									
Fires									
Fires in a structure, involving a structure	7 179	6 391	2 893	1 538	1 544	639	246	173	20 603
Landscape fires, bush and grass	13 517	7 553	8 093	7 114	2 862	2 048	237	1 789	43 213
Other fires	18 461	11 297	5 774	4 251	4 137	1 381	541	361	46 203
<b>Total fires</b>	<b>39 157</b>	<b>25 241</b>	<b>16 760</b>	<b>12 903</b>	<b>8 543</b>	<b>4 068</b>	<b>1 024</b>	<b>2 323</b>	<b>110 019</b>
Other emergencies and incidents									
Nonfire rescue calls including road rescue	15 465	8 954	17 261	1 686	5 240	1 153	1 315	638	51 712
Hazardous conditions	12 508	6 365	3 468	1 109	1 599	212	431	200	25 892
Calls to floods, storm and tempest and other natural disasters	7 508	3 005	2 859	842	2 043	388	809	234	17 688
Good intent calls	12 976	10 821	5 241	1 285	2 053	1 126	603	309	34 414
Malicious false calls	4 321	2 521	1 598	395	410	152	164	123	9 684
System initiated false alarms	51 193	12 807	20 916	8 682	8 423	3 290	5 768	2 319	113 398
Other	8 716	1 584	2 042	906	763	69	298	428	14 806
<b>Total other emergencies and incidents</b>	<b>112 687</b>	<b>46 057</b>	<b>53 385</b>	<b>14 905</b>	<b>20 531</b>	<b>6 390</b>	<b>9 388</b>	<b>4 251</b>	<b>267 594</b>
Incident type not determined or not classified	528	1	–	–	22	1 605	–	–	2 156
<b>Total fires, other emergencies and incidents</b>	<b>152 372</b>	<b>71 299</b>	<b>70 145</b>	<b>27 808</b>	<b>29 096</b>	<b>12 063</b>	<b>10 412</b>	<b>6 574</b>	<b>379 769</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 are 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 2008-09 returns.

(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 include reported turnouts by career and volunteer services for all areas of the state.

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
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(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: Data include *all* fire brigades, both full-time and volunteer.

(g) ACT: There has been a 51 per cent decrease in the number of landscape fires attended. Better reporting and analysis of incidents has redistributed some incident types from other categories into hazardous conditions.

na Not available. – Nil or rounded to zero.

Source: State and Territory governments (unpublished).



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

		<i>NSW</i> (b)	<i>Vic</i> (c)	<i>Qld</i> (d)	<i>WA</i> (e)	<i>SA</i> (f)	<i>Tas</i> (g)	<i>ACT</i> (h)	<i>NT</i> (i)	<i>Aust</i>
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
2007-08	no.	13 605	7 553	8 093	7 114	2 862	2 048	237	1 789	43 301

- (a) These data may be different to those reported elsewhere because they reflect responses from fire service organisations and, also for some jurisdictions, land management agencies.
- (b) NSW: Data include fires from the NSW Department of Environment and Climate Change, the NSW Rural Fire Service and the NSW Fire Brigades for all bush and grass fires regardless of size of area burnt.
- (c) Vic: Due to data collection issues, data are 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. Due to drought in the previous financial year and significant rainfall from December 2007 there are less landscape fire incidents for 2007-08.
- (e) WA: Data include landscape fires reported by the Department of Environment and Conservation as a lead agency, with 444 fires recorded for 2007-08.
- (f) SA: MFS industrial action 18/4/05 0800 hrs to 20/06/05 1800 hrs (no incident reports in this period).
- (g) Tas: Data include *all* vegetation fires, regardless of size, from all fire brigades (full time and volunteer) and land management agencies.
- (h) ACT: A 51 per cent decrease in landscape fires during the year corresponds to a milder fire season than the previous year. This number is in line with prior years.
- (i) NT: Excludes data from 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 (e)</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
2003-04	131.4	142.6	66.3	66.8	78.2	180.6	104.8	46.9	111.1
2004-05	124.6	135.1	58.4	73.4	62.5	170.7	87.3	38.5	104.1
2005-06	130.1	106.1	65.3	65.0	50.0	165.7	107.0	51.5	98.5
2006-07	120.7	140.8	62.7	70.5	46.8	159.1	106.9	49.3	103.4
2007-08	125.1	142.1	65.3	69.0	70.4	137.6	72.7	66.2	106.4

- (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 are 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 may be under reported because MFS data entry was not completed by the submission deadline.
- (e) Tas: Data include *all* fire brigades, both full-time and volunteer.

Source: ABS (various years) *Australian Social Trends*, Cat. no. 4102.0; 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
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.	73 059	58 583	44 286	22 328	15 693	4 766	810	521	215 514
2004-05										
Firefighting personnel	%	79.2	71.7	77.9	74.6	96.8	63.7	75.5	85.3	78.1
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	859	620	304	28	159	88	30	3 065
<b>Total</b>	<b>FTE</b>	<b>4 694</b>	<b>3 031</b>	<b>2 809</b>	<b>1 196</b>	<b>876</b>	<b>438</b>	<b>358</b>	<b>204</b>	<b>13 606</b>
Volunteer firefighters (i)	no.	75 443	58 662	44 648	28 319	15 569	4 668	1 062	551	228 922
2005-06										
Firefighting personnel	%	76.6	65.4	76.3	74.6	96.0	62.8	75.7	83.1	76.3
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

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
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
2007-08										
Firefighting personnel	%	73.6	67.2	78.0	77.8	95.3	62.2	90.1	81.2	73.7
Firefighting personnel	FTE	3 926	4 185	2 358	973	938	296	329	186	13 191
Permanent firefighters	FTE	3 443	3 340	2 193	919	813	296	276	176	11 456
Part time and other firefighters	FTE	483	845	165	54	125	–	53	10	1 735
Support personnel	FTE	1 406	2 047	665	277	46	180	36	43	4 700
<b>Total</b>	<b>FTE</b>	<b>5 332</b>	<b>6 232</b>	<b>3 023</b>	<b>1 250</b>	<b>984</b>	<b>476</b>	<b>365</b>	<b>229</b>	<b>17 891</b>
Volunteer firefighters (i)	no.	75 474	58 362	35 000	27 457	15 744	4 909	1 367	540	218 853

(a) FTE = full time equivalent.

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

(c) Vic: Victoria's land management agency, the Department of Sustainability and Environment (DSE) is included from 2005-06. Due to data issues with the DSE 2007-08 component, DSE figures for 2007-08 have been derived from 2006-07 DSE figures.

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

(e) WA: Data from 2006-07 include all non-fire specific staff including those that support SES and volunteer marine rescue. Fire data include volunteers from local government bush fire brigades, volunteer fire and rescue brigades, volunteer fire services and multi-skilled volunteer emergency services. Data for the Department of Environment and Conservation are not included.

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.									

Source: 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	–	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	–	3	102
2003	no.	33	16	14	17	9	4	4	–	98
2004	no.	33	14	12	6	8	np	np	np	86
2005	no.	48	21	12	6	12	4	np	np	109
2006	no.	23	17	16	3	8	np	np	–	71
Fire deaths, intentional self-harm by smoke, fire and flames (ICD code X76)										
1999	no.	8	4	6	–	5	–	–	–	24
2000	no.	17	3	4	–	3	–	–	–	28
2001	no.	11	3	7	3	3	3	3	–	31
2002	no.	13	6	6	3	3	–	–	–	29
2003	no.	10	9	4	3	6	3	–	–	36
2004	no.	np	9	np	–	4	np	np	–	21
2005	no.	13	3	5	np	np	–	–	–	23
2006	no.	4	5	np	np	–	–	–	–	12
Fire deaths, assault by smoke, fire and flames (ICD code X97)										
1999	no.	3	3	–	–	–	–	–	–	6
2000	no.	3	3	12	3	–	–	–	–	18
2001	no.	–	3	4	0	–	–	–	–	6
2002	no.	3	3	–	–	3	–	–	–	7
2003	no.	3	4	–	–	–	–	–	–	9
2004	no.	np	–	–	–	–	–	–	–	np
2005	no.	np	np	np	np	–	np	–	–	np
2006	no.	np	–	–	–	np	–	–	–	4
Fire deaths, exposure to smoke, fire and flames, undetermined intent (ICD code Y26)										
1999	no.	–	–	3	–	–	–	3	–	3
2000	no.	–	–	3	–	3	–	–	–	5
2001	no.	–	–	–	–	–	–	–	–	–
2002	no.	–	–	–	–	–	–	–	–	3
2003	no.	–	–	–	–	–	–	–	–	–
2004	no.	np	–	np	–	–	–	–	–	np
2005	no.	np	np	np	–	np	np	–	–	np
2006	no.	np	–	np	np	np	–	–	–	5

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>
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	–	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
2006	no.	30	22	19	5	12	np	np	–	92
Annual fire death rate (e)										
1999	per million people	5.8	5.5	9.4	2.7	10.7	8.5	9.6	15.6	6.6
2000	per million people	8.5	6.3	9.5	3.7	6.0	8.5	9.5	20.5	7.6
2001	per million people	4.1	3.3	4.7	6.8	10.6	19.1	9.4	15.2	5.4
2002	per million people	7.4	7.0	6.5	5.2	7.9	16.9	0	15.0	7.2
2003	per million people	6.9	5.9	4.7	10.3	10.5	14.7	12.4	15.1	7.2
2004	per million people	5.8	4.6	3.9	3.0	7.8	22.8	np	np	5.5
2005	per million people	9.2	5.3	4.9	3.5	8.4	10.3	np	np	6.8
2006	per million people	4.4	4.3	4.6	2.4	7.7	np	np	–	4.4

Table 9A.6

Table 9A.6		Fire deaths (a), (b), (c)								
	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust (d)
Three year average fire death rate										
1999-2001	per million people	6.1	5.1	7.9	4.4	9.1	12.0	9.5	17.1	6.5
2000-2002	per million people	6.7	5.6	6.9	5.3	8.2	14.8	6.3	16.9	6.7
2001-2003	per million people	6.1	5.4	5.3	7.4	9.7	16.9	7.3	15.1	6.6
2002-2004	per million people	6.7	5.8	5.0	6.2	8.7	18.1	6.2	15.1	6.6
2003-2005	per million people	7.3	5.3	4.5	5.6	8.9	15.9	np	np	6.5
2004-2006	per million people	6.5	4.8	4.5	3.0	7.9	16.5	np	–	5.6
Population (e)										
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	5.0	4.0	2.0	1.6	0.5	0.3	0.2	20.4
Jun 2006	m	6.8	5.1	4.1	2.1	1.6	0.5	0.3	0.2	20.7

(a) Fire deaths published in the 2008 and 2009 Reports 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) Historical rates in this table may differ from those in previous Reports, as historical population data have been revised using Final Rebased Estimated Resident Population (ERP) data following the 2006 Census of Population and Housing (for 30 June 2002 to 2006). Calculated using the ERP at 30 June. For example, population data at June 2006 used for calculating 2006 rate.

– Nil or rounded to zero. **np** Not published.

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



Table 9A.7

Table 9A.7		Fire injuries (a)								
	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas, ACT, NT (b)</i>		<i>Aust</i>	
Total fire injuries										
2001-02	no.	1 005	551	758	386	262	208		3 170	
2002-03	no.	901	567	601	341	289	na		2 699	
2003-04	no.	1 004	559	604	333	262	161		2 923	
2004-05	no.	979	633	702	312	296	248		3 170	
2005-06	no.	1 100	537	653	357	373	285		3 305	
2006-07	no.	951	656	644	391	343	320		3 305	
Annual fire injury rate										
2001-02	per 100 000 people	15.3	11.5	20.9	20.3	17.3	20.8		15.3	
2002-03	per 100 000 people	13.5	11.6	16.0	17.6	18.9	na		13.7	
2003-04	per 100 000 people	15.0	11.3	15.7	16.9	17.1	15.8		14.6	
2004-05	per 100 000 people	14.5	12.6	17.8	15.6	19.2	24.1		15.7	
2005-06	per 100 000 people	16.2	10.6	16.1	17.5	23.9	27.4		16.1	
2006-07	per 100 000 people	13.9	12.7	15.6	18.8	21.8	30.4		15.8	
Three year average fire injury rate										
2001-02 to 2003-04	per 100 000 people	14.6	11.4	17.5	18.3	17.8	18.3		14.5	
2002-03 to 2004-05	per 100 000 people	14.4	11.8	16.5	16.7	18.4	20.0		14.6	
2003-04 to 2005-06	per 100 000 people	15.3	11.5	16.5	16.7	20.0	22.4		15.4	
2004-05 to 2006-07	per 100 000 people	14.9	12.0	16.5	17.3	21.6	27.3		15.9	
Population (c)										
Dec 2001	m	6.6	4.8	3.7	1.9	1.5	0.5	0.3	0.2	19.5
Dec 2002	m	6.6	4.9	3.8	1.9	1.5	0.5	0.3	0.2	19.8
Dec 2003	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.0
Dec 2004	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.3
Dec 2005	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.5
Dec 2006	m	6.9	5.2	4.1	2.1	1.6	0.5	0.3	0.2	20.9
Dec 2007	m	6.9	5.2	4.2	2.1	1.6	0.5	0.3	0.2	21.2

(a) Fire injuries data published in the 2008 and 2009 Reports differ from those published in earlier reports because counting rules for fire injury data have now been more closely aligned with those for fire deaths. Fire injuries are coded according to the International Classification of Diseases and Related Health Problems Revision 10 (ICD-10). Reported fire injury numbers published have been expanded to include ICD fire injury codes X00-X09 plus X76, X97 and Y26. 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.

Table 9A.7 **Fire injuries (a)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas, ACT, NT (b)</i>	<i>Aust</i>
(b)	A single, combined fire injury rate and numbers are included for Tas, ACT and NT due to small numbers of fire injuries for each of these jurisdictions.							
(c)	Historical rates in this table may differ from those in previous Reports, as historical population data have been revised using Final Rebased Estimated Resident Population (ERP) data following the 2006 Census of Population and Housing (for 31 December 2001 to 2005). Population data relate to 31 December, so that ERP at 31 December 2006 is used as the denominator for 2006-07.							

**na** Not available.

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

Table 9A.8

	<i>NSW</i>	<i>Vic (b)</i>	<i>Qld (c)</i>	<i>WA</i>	<i>SA</i>	<i>Tas (d)</i>	<i>ACT (e)</i>	<i>NT</i>
2003-04	2 367	710	2 367	3 550	3 550	4 142	2 367	3 254
2004-05	2 283	1 142	2 283	3 425	5 708	4 566	1 484	2 283
2005-06	2 181	1 091	2 181	3 272	5 453	3 272	2 181	2 181
2006-07	2 083	1 042	2 083	3 125	8 333	3 281	1 224	3 125
2007-08	2 000	2 000	2 000	2 500	5 000	5 000	2 050	7 500

(a) Data have been adjusted to 2007-08 dollars using the gross domestic product (GDP) price deflator (2007-08 = 100) (table AA.26). Estimates have not been validated by the insurance industry, or adjusted for interstate valuation differences.

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

(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) Tas: Data are for *all* fire brigades, both full-time and volunteer. Property loss does not include losses as a result of vegetation fires.

(e) ACT: Due to small population size, figures are impacted significantly by single large-loss events.

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

Table 9A.9

Table 9A.9 **Property loss from structure fire (2007-08 dollars per person) (a), (b)**

	NSW(c)	Vic(d)	Qld(e)	WA	SA(f)	Tas(g)	ACT(h)	NT	Aust(i)
Property loss from structure fire									
2003-04	33	26	28	26	24	51	31	13	28
2004-05	31	42	29	26	33	56	23	18	34
2005-06	68	35	31	24	20	73	35	32	44
2006-07	26	38	23	35	28	48	22	11	30
2007-08	43	35	36	48	21	204	19	20	42
Three year average									
2002-03 to 2004-05	44	34	29	25	25	60	29	21	35
2003-04 to 2005-06	41	38	28	28	27	59	27	20	36
2004-05 to 2006-07	46	36	30	36	23	108	25	21	38

- (a) Data have been adjusted to 2007-08 dollars using the gross domestic product (GDP) price deflator (2007-08 = 100) (table AA.26). Estimates have not been validated by the insurance industry or adjusted for interstate valuation differences.
- (b) Historical rates in this table may differ from those in previous Reports, as historical population data have been revised using Final Rebased Estimated Resident Population (ERP) data following the 2006 Census of Population and Housing (for 31 December 2001 to 2005). Population data relate to 31 December, so that ERP at 31 December 2007 is used as the denominator for 2007-08.
- (c) NSW: Some structure fires resulted in direct dollar loss in excess of \$1 million each. In 2004-05 there were 17 such structure fires; 2005-06, 32 with five of these at \$10+ million each and one at \$89 million; 2006-07, 15 at \$1+ million; 2007-08, 19 at \$1+ million each with four at \$5+ million each and one at \$100 million.
- (d) Vic: Due to data collection issues, data are incomplete for 2005-06.
- (e) 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. One major incident accounted for \$41m of the total property loss value.
- (f) SA: In 2006-07 there was a \$15 million fire that accounted for 35 per cent of the reported dollar loss. Data entry for 2006-07 reported property loss from structure fire was incomplete.
- (g) Tas: Data are for *all* fire brigades, both full time and volunteer. Due to small population size, figures are impacted significantly by single large-loss events. For example, data include two significant fires where the property loss was \$60 million and \$20 million respectively. Property loss does not include losses as a result of vegetation fires.
- (h) ACT: Due to small population size, figures are impacted significantly by single large-loss events.
- (i) Average for Australia excludes rural fire service data for some years as per the jurisdictions' caveats.

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

**Table 9A.10 Fire incidents attended by fire service organisations per 100 000 people**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld (a)</i>	<i>WA (b)</i>	<i>SA</i>	<i>Tas (c)</i>	<i>ACT (d)</i>	<i>NT (e)</i>	<i>Aust (f)</i>
Incidents per 100 000 people (g)										
2003-04		620	432	447	704	571	842	308	1 043	549
2004-05		640	414	525	678	499	839	318	1 133	559
2005-06		679	398	416	569	492	784	384	882	532
2006-07		631	530	464	621	575	949	475	1 060	577
2007-08		565	481	396	606	537	821	300	1 068	519
Population (million) (g)										
2003-04		6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.0
2004-05		6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.3
2005-06		6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.5
2006-07		6.9	5.2	4.1	2.1	1.6	0.5	0.3	0.2	20.9
2007-08		6.9	5.2	4.2	2.1	1.6	0.5	0.3	0.2	21.2

(a) 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% of Queensland's population.

(b) WA: Data include reported turnouts by career and volunteer services to fire.

(c) Tas: Data include *all* fire brigades, both full-time and volunteer.

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

(e) NT: The high number of incidents per 100 000 people can be attributed to deliberately lit fires and the large number of grass fires in Northern Australia caused by increased growth of vegetation due a large wet season during the reporting period.

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

(g) Historical rates in this table may differ from those in previous Reports, as historical population data have been revised using Final Rebased Estimated Resident Population (ERP) data following the 2006 Census of Population and Housing (for 31 December 2001 to 2005). Population data relate to 31 December, so that ERP at 31 December 2007 is used as the denominator for 2007-08.

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

Table 9A.11

Table 9A.11

**Household preparedness for emergencies,  
October 2007 (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>
Presence of selected safety precautions									
Smoke alarms/detectors (b)	%	94.1	97.2	93.8	na	na	na	89.7	na
Tested smoke alarms/detectors (c)	%	75.7	82.2	78.8	na	na	na	69.6	na
Fire blankets	%	18.4	21.8	18.5	na	na	na	19.4	na
Fire extinguishers	%	27.4	30.5	32.3	na	na	na	30.3	na
Electrical safety switches or circuit breakers	%	75.9	75.0	89.5	na	na	na	78.5	na
Written or rehearsed emergency plan (d)	%	13.3	15.1	19.7	na	na	na	14.7	na
Portable first aid kit	%	57.1	55.8	62.8	na	na	na	59.0	na
First aid qualification (e)	%	30.7	29.4	35.0	na	na	na	31.0	na
Households with emergency phone numbers located for ease of use (f)	%	63.6	70.3	61.3	na	na	na	62.1	na
Most recent emergency in the last two years									
House fire	%	1.9	2.0	2.2	na	na	na	2.9	na
Bushfire	%	0.8	1.1	*0.7	na	na	na	np	na
Storm, wind or hail (g)	%	7.2	3.4	5.8	na	na	na	11.9	na
Flood	%	1.3	0.7	0.7	na	na	na	*1.8	na
Other emergency (h)	%	0.4	*0.3	0.2	na	na	na	np	na
Most recent emergency by type of emergency services contacted									
Fire service	%	11.7	17.5	8.0	na	na	na	9.1	na
State Emergency Service	%	11.2	6.8	6.6	na	na	na	*7.9	na
Ambulance	%	*0.7	**0.7	*2.5	na	na	na	np	na
Police	%	*3.3	*1.9	**1.2	na	na	na	**1.5	na
No emergency services contacted	%	78.8	76.3	84.7	na	na	na	83.0	na
Most recent emergency by whether changes were made as a result (i)									
House fire	%	49.9	55.7	56.1	na	na	na	44.5	na
Bushfire	%	55.9	50.6	50.7	na	na	na	np	na
Storm, wind or hail (g)	%	40.8	36.6	49.0	na	na	na	32.8	na
Flood	%	56.9	62.8	67.3	na	na	na	*43.7	na
Other emergency (h)	%	57.2	*42.5	63.7	na	na	na	np	na

(a) Household data are based on area of usual residence. No ABS survey data are available for SA, Tasmania and the NT. Related survey data for WA are available in ABS 2008, *Community preparedness for emergencies*, Cat. no. 4818.5.

(b) The difference in the percentage of households with a smoke alarm between tables 9A.11 and 9A.12 for NSW and Queensland is because of the different sources of data used to collate the figures. Data for table 9A.11 are sourced from the ABS and data for table 9A.12 are sourced from jurisdictions.

(c) Manually tested within the last 12 months.

(d) Rehearsed within the last 12 months. Emergency plan is for non-medical emergencies only.

Table 9A.11

**Household preparedness for emergencies,  
October 2007 (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>
(e) First aid qualification either obtained or renewed by a household member during the last 3 years. Also included if a household member is a doctor or nurse.									
(f) Includes only emergency phone numbers that are displayed/stored separately and are easily accessible in an emergency. This excludes looking up phone numbers in the White or Yellow pages phone books.									
(g) Includes cyclones.									
(h) Includes landslide, earthquake, explosion, bomb threat and gas or chemical leak.									
(i) Changes made refers to additional or improved safety measures and includes, for example, installed smoke alarms, installed gutter guards and upgraded electrical switchboards.									
* Estimate has a relative standard error of 25–50 per cent and should be used with caution.									
** Estimate has a relative standard error greater than 50 per cent and is considered too unreliable for general use.									
<b>na</b> Not available. <b>np</b> Not published.									

Source: ABS 2008, *Household preparedness for emergencies*, Cat. no. 4818.0.55.001, Canberra.

Table 9A.12

**Table 9A.12 Households with a smoke alarm or smoke detector installed**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
February 2000 to November 2000 (a)										
Estimated households with a smoke alarm/detector	'000	1 431	1 665	813	378	557	153	83	20	5 100
Estimated households with a smoke alarm/detector	%	60.8	95.1	60.8	54.0	95.0	82.1	73.5	40.0	72.0
Standard error	%	2.3	1.4	2.5	3.4	1.6	2.4	2.3	4.0	0.7
<b>Total households</b>	<b>'000</b>	<b>2 355</b>	<b>1 751</b>	<b>1 337</b>	<b>700</b>	<b>586</b>	<b>187</b>	<b>113</b>	<b>50</b>	<b>7 080</b>
Estimated households with a smoke alarm/detector (b, c, d, e, f, g, h)										
2003-04	%	72.8	95.5	72.0	75.0	na	na	na	63.0	na
2004-05	%	71.5	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
2007-08	%	92.9	97.2	87.6	86.0	na	na	89.7	na	na

- (a) 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.
- (b) The difference in the percentage of households with a smoke alarm between tables 9A.11 and 9A.12 for NSW and Queensland is because of the different sources of data used to collate the figures. Data for table 9A.11 are sourced from the ABS and data for table 9A.12 are sourced from the jurisdictions.
- (c) NSW: Data are sourced from the NSW Population Health Survey 2007, from the NSW Department of Health. Estimates are based on the following numbers of respondents: 2002 - 12 564, 2003 - 13 008, 2004 - 8892, 2005 - 10 687, 2006 - 7795 and 2007 - 7301. The 95 per cent confidence interval for 2007 is (92.0–93.7).
- (d) Vic: 2007-08 data are sourced from ABS Household Preparedness for Emergencies Survey. Prior data sourced from a random telephone survey of 2304 respondents residing within the 23 local government areas significant to the metropolitan fire district which was conducted in April 2004.
- (e) Qld: Data collected by the Office of Economic and Statistical Research as part of the November 2007 Queensland Household Survey. This figure is an estimate for the whole population of Queensland.
- (f) WA: 2007-08 data are based on a random telephone survey of 300 Perth residents and 100 country residents conducted by a market research organisation in April 2008.
- (g) ACT: Data for 2007-08 supplied by ABS Household Preparedness for Emergencies survey.
- (h) No data are available for SA and Tasmania. No survey was carried out during the reporting period in the NT for 2006-07 and 2007-08.

Source: ABS 2001, *Population Survey Monitor*, Cat. no. 4103.0, Canberra; ABS 2008, *Household preparedness for emergencies*, Cat. no. 4818.0.55.001, Canberra; State and Territory governments (unpublished).



Table 9A.13

**Table 9A.13 Response times to structure fires, state-wide (minutes) (a)**

	<i>NSW</i> (b)	<i>Vic</i> (c)	<i>Qld</i> (d)	<i>WA</i> (e)	<i>SA</i>	<i>Tas</i> (f)	<i>ACT</i>	<i>NT</i>
50th percentile								
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
2007-08	8.0	6.2	6.8	8.6	6.6	8.0	6.0	6.5
90th percentile								
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
2007-08	14.0	9.5	12.8	14.7	13.0	15.2	10.1	13.5

- (a) Differences between jurisdictions in definitions of response times, geography, personnel mix, and system type (manual or CAD), affect the comparability of response times data.
- (b) NSW: Contributing factors that have led to the reported increases include: improved reporting resulting in a more accurate representation of true response times in regional and remote categories and the effects of increased traffic congestion in metropolitan areas.
- (c) Vic: Response times reflect only emergency calls, not calls to all structure fire incidents.
- (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: Incidents where response time information is incomplete are excluded from response time calculations. Response times for major cities, regional and remote areas are impacted by volunteer data that, particularly in remote areas of the state are affected by significant travel time to incidents.
- (f) Tas: Data are for *all* fire brigades, both full-time and volunteer.

Source: State and Territory governments (unpublished).

Table 9A.14

Table 9A.14 **Structure fires and response times to structure fires, by geographic areas (a), (b)**

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld (e)</i>	<i>WA (f)</i>	<i>SA (g)</i>	<i>Tas (h)</i>	<i>ACT (i)</i>	<i>NT</i>
2003-04									
Structure fires									
Major cities	no.	4 339	4 326	1 259	895	1 236	..	245	..
Inner regional	no.	1 424	1 051	695	115	195	479	na	..
Outer regional	no.	945	248	425	68	212	245	na	73
Remote	no.	147	7	45	31	44	16	na	37
Very remote	no.	28	..	52	14	7	4	na	9
<b>All areas</b>	<b>no.</b>	<b>6 883</b>	<b>5 632</b>	<b>2 476</b>	<b>1 123</b>	<b>1 694</b>	<b>744</b>	<b>245</b>	<b>119</b>
50th percentile									
Major cities	minutes	6.7	5.8	6.2	8.0	7.0	..	5.4	..
Inner regional	minutes	9.0	7.0	7.4	12.0	9.0	10.3	na	..
Outer regional	minutes	9.0	7.0	7.4	7.0	9.0	10.3	na	5.2
Remote	minutes	8.0	8.0	9.1	15.0	10.0	12.7	na	5.0
Very remote	minutes	8.0	..	5.8	13.0	10.0	8.0	na	5.0
<b>All areas</b>	<b>minutes</b>	<b>7.0</b>	<b>6.0</b>	<b>6.7</b>	<b>8.6</b>	<b>7.0</b>	<b>8.2</b>	<b>5.4</b>	<b>5.1</b>
90th percentile									
Major cities	minutes	10.4	8.2	10.5	12.0	10.0	na	8.8	..
Inner regional	minutes	15.5	13.0	16.4	29.0	17.0	11.4	na	..
Outer regional	minutes	19.4	14.0	16.6	23.0	19.0	22.5	na	17.0
Remote	minutes	20.5	27.0	35.9	30.0	35.0	23.9	na	8.9
Very remote	minutes	34.4	..	21.1	60.0	20.0	17.2	na	18.7
<b>All areas</b>	<b>minutes</b>	<b>12.6</b>	<b>9.1</b>	<b>12.9</b>	<b>15.5</b>	<b>12.0</b>	<b>16.6</b>	<b>8.7</b>	<b>14.5</b>
2004-05									
Structure fires									
Major cities	no.	4 203	4 199	1 100	937	932	..	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	..	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>

Table 9A.14

Table 9A.14 **Structure fires and response times to structure fires, by geographic areas (a), (b)**

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld (e)</i>	<i>WA (f)</i>	<i>SA (g)</i>	<i>Tas (h)</i>	<i>ACT (i)</i>	<i>NT</i>
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	..	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>
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	..
Inner regional	no.	1 321	1 213	591	136	194	470	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	..	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>

Table 9A.14

Table 9A.14 **Structure fires and response times to structure fires, by geographic areas (a), (b)**

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld (e)</i>	<i>WA (f)</i>	<i>SA (g)</i>	<i>Tas (h)</i>	<i>ACT (i)</i>	<i>NT</i>
50th percentile									
Major cities	minutes	6.6	6.1	6.4	8.0	7.0	..	6.3	..
Inner regional	minutes	9.0	7.0	7.6	11.2	10.0	7.5	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	..	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	..
Inner regional	minutes	15.4	13.0	15.3	25.1	17.0	12.8	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	..	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>
2007-08									
Structure fires									
Major cities	no.	4 724	4 549	1 318	1 064	939	..	246	..
Inner regional	no.	1 510	1 172	732	157	169	408	na	..
Outer regional	no.	545	330	416	99	198	215	na	90
Remote	no.	78	na	85	42	37	16	na	55
Very remote	no.	5	..	22	18	10	–	na	25
<b>All areas</b>	<b>no.</b>	<b>6 862</b>	<b>6 051</b>	<b>2 573</b>	<b>1 380</b>	<b>1 353</b>	<b>639</b>	<b>246</b>	<b>170</b>
50th percentile									
Major cities	minutes	7.0	6.1	6.3	8.3	6.0	..	6.0	..
Inner regional	minutes	10.0	6.9	7.1	11.6	9.0	7.3	na	..
Outer regional	minutes	10.0	7.3	8.1	9.9	10.0	11.1	na	6.8
Remote	minutes	9.0	na	7.1	14.9	12.0	9.7	na	6.7
Very remote	minutes	7.0	..	8.1	13.6	21.0	na	na	5.0
<b>All areas</b>	<b>minutes</b>	<b>8.0</b>	<b>6.2</b>	<b>6.8</b>	<b>8.6</b>	<b>6.6</b>	<b>8.0</b>	<b>6.0</b>	<b>6.5</b>
90th percentile									
Major cities	minutes	11.0	8.6	10.4	11.8	9.0	na	10.1	..
Inner regional	minutes	20.0	12.6	14.7	23.1	15.0	11.1	na	..
Outer regional	minutes	27.0	15.9	19.0	22.7	17.0	21.2	na	13.7
Remote	minutes	16.5	na	17.2	28.2	23.4	21.6	na	14.3
Very remote	minutes	15.0	..	17.9	22.5	57.6	na	na	11.1
<b>All areas</b>	<b>minutes</b>	<b>14.0</b>	<b>9.5</b>	<b>12.8</b>	<b>14.7</b>	<b>13.0</b>	<b>15.2</b>	<b>10.1</b>	<b>13.5</b>

**Table 9A.14 Structure fires and response times to structure fires, by geographic areas (a), (b)**

	<i>Unit</i>	<i>NSW (c)</i>	<i>Vic (d)</i>	<i>Qld (e)</i>	<i>WA (f)</i>	<i>SA (g)</i>	<i>Tas (h)</i>	<i>ACT (i)</i>	<i>NT</i>
(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 those in table 9A.2 because some jurisdictions have excluded reports with incomplete time details.								
(c)	NSW: Contributing factors that have lead to the reported increases include: improved reporting resulting in a more accurate representation of true response times in regional and remote categories and the effects of increased traffic congestion in metropolitan areas.								
(d)	Vic: Response times reflect only emergency calls, not calls to all structure fire incidents. There are no very remote areas in Victoria.								
(e)	Qld: Code 30 incidents have been excluded from all response time calculations. One incident was unable to be classified by remoteness and has 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.								
(f)	WA: Incidents where response time information is incomplete are excluded from response time calculations. In 2007-08, data for 158 structure fires was incomplete. Response times for major cities, regional and remote areas are impacted by volunteer data that, particularly in remote areas of the state are affected by significant travel time to incidents.								
(g)	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. Similarly, in 2007-08 there were only 10 fires in the 'Very Remote' category, with one incident reporting a 60 minute response time.								
(h)	Tas: Data are for <i>all</i> fire brigades, both full-time and volunteer.								
(i)	ACT: All responses were within the major city.								
	<b>na</b> Not available. .. Not applicable.								

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

Table 9A.15

**Table 9A.15 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									
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
2007-08	65.7	73.7	68.1	64.6	72.8	60.4	81.6	67.4	69.6
Incendiary and suspicious structure fires									
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	60.0	58.2
2007-08	65.4	57.8	60.4	53.9	59.4	50.0	70.0	55.6	57.5
Accidental structure fires									
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
2007-08	77.5	81.7	80.4	73.0	83.7	70.5	89.7	79.5	79.6

(a) NSW: The decline in the percentage of structure fires confined to the object or room of origin between 2006-07 and 2007-08 is artificial. The data for 2007-08 for the first time conform to the nationally agreed definition for this measure by including data from both the NSW RFS and the NSWFB.

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

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

(d) WA: In 2007-08, 566 incidents were excluded as containment codes were not completed.

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

(f) Tas: Data are for *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.16

## Table 9A.16 Fire service organisations' costs (\$'000) (2007-08 dollars) (a)

	NSW (b)	Vic (c)	Qld	WA (d)	SA	Tas	ACT (e)	NT (f)	Total
2003-04									
Labour costs									
Salaries and payments in the nature of salaries	429 809	257 151	195 951	80 393	71 899	29 105	31 150	16 484	1 111 944
Payroll tax	23 123	13 085	8 817	na	3 536	1 733	na	982	51 276
Capital costs (g)									
Depreciation	32 605	42 144	24 781	8 464	18 120	4 374	1 693	1 404	133 585
User cost of capital									
Land	11 108	12 485	4 507	2 291	1 952	509	889	291	34 032
Other assets	27 263	43 106	23 689	6 337	19 477	5 187	2 970	1 659	129 689
Other costs (h)	185 192	137 696	102 833	37 031	45 675	15 381	9 703	7 544	541 054
Interest on borrowings	110	67	794	4 905	79	344	-	-	6 301
<b>Total costs (i)</b>	<b>674 869</b>	<b>480 098</b>	<b>347 255</b>	<b>132 225</b>	<b>155 171</b>	<b>54 048</b>	<b>45 517</b>	<b>27 091</b>	<b>1 916 273</b>
2004-05									
Labour costs									
Salaries and payments in the nature of salaries	441 081	277 542	204 059	73 628	80 998	30 908	35 145	19 700	1 163 061
Payroll tax	22 350	14 300	9 216	na	3 912	1 662	na	1 092	52 533
Capital costs (g)									
Depreciation	35 809	42 092	26 447	6 710	20 103	4 537	1 874	1 671	139 244
User cost of capital									
Land	10 739	13 484	6 335	2 512	2 311	609	754	415	37 159
Other assets	28 393	52 988	24 658	6 666	20 165	5 865	3 557	1 605	143 896
Other costs (h)	183 099	138 341	89 219	41 896	47 878	13 895	13 022	7 067	534 418
Interest on borrowings	519	-	865	2 882	-	331	-	-	4 598
<b>Total costs (i)</b>	<b>688 382</b>	<b>510 964</b>	<b>344 384</b>	<b>128 900</b>	<b>169 143</b>	<b>55 204</b>	<b>53 598</b>	<b>30 044</b>	<b>1 980 619</b>

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Table 9A.16

## Table 9A.16 Fire service organisations' costs (\$'000) (2007-08 dollars) (a)

	NSW (b)	Vic (c)	Qld	WA (d)	SA	Tas	ACT (e)	NT (f)	Total
2005-06									
Labour costs									
Salaries and payments in the nature of salaries	462 349	296 991	206 585	78 827	73 490	30 964	33 105	20 475	1 202 785
Payroll tax	23 636	15 217	9 162	na	4 002	1 850	na	1 128	54 995
Capital costs (g)									
Depreciation	34 903	40 730	25 449	8 010	18 716	4 770	1 294	1 758	135 630
User cost of capital									
Land	9 990	14 433	6 520	2 378	3 334	698	712	333	38 397
Other assets	28 013	56 644	26 761	10 696	20 588	5 823	3 289	1 577	153 391
Other costs (h)	202 653	157 791	100 257	45 752	38 385	12 831	19 493	7 441	584 603
Interest on borrowings	728	-	959	2 650	-	362	-	-	4 699
<b>Total costs (i)</b>	<b>727 918</b>	<b>552 155</b>	<b>359 053</b>	<b>143 285</b>	<b>151 179</b>	<b>54 388</b>	<b>57 181</b>	<b>31 251</b>	<b>2 076 410</b>
2006-07									
Labour costs									
Salaries and payments in the nature of salaries	456 984	378 121	211 825	108 182	79 420	32 916	34 507	21 548	1 323 503
Payroll tax	24 023	19 178	9 292	na	4 160	1 788	na	1 179	59 620
Capital costs (g)									
Depreciation	34 448	41 241	28 544	9 145	16 767	4 825	1 047	1 578	137 594
User cost of capital									
Land	9 537	16 263	9 657	3 752	2 322	684	681	355	43 250
Other assets	27 821	61 312	27 040	11 657	21 810	5 691	2 922	1 457	159 710
Other costs (h)	268 269	402 626	103 244	99 478	42 858	17 343	25 648	7 857	967 323
Interest on borrowings	272	-	933	4 402	-	413	-	-	6 020
<b>Total costs (i)</b>	<b>787 522</b>	<b>883 299</b>	<b>370 653</b>	<b>228 463</b>	<b>160 855</b>	<b>60 774</b>	<b>64 124</b>	<b>32 440</b>	<b>2 588 130</b>

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Table 9A.16

Table 9A.16 Fire service organisations' costs (\$'000) (2007-08 dollars) (a)

	NSW (b)	Vic (c)	Qld	WA (d)	SA	Tas	ACT (e)	NT (f)	Total
2007-08									
Labour costs									
Salaries and payments in the nature of salaries	472 665	274 899	217 701	106 658	80 698	32 314	32 816	18 464	1 236 215
Payroll tax	24 623	11 541	9 691	na	3 962	1 950	na	-	51 767
Capital costs (g)									
Depreciation	32 864	44 560	27 159	9 528	14 733	4 803	1 344	1 663	136 654
User cost of capital									
Land	9 120	18 537	10 832	5 376	2 257	937	970	341	48 370
Other assets	26 959	63 309	28 238	12 969	21 319	5 564	2 249	1 836	162 442
Other costs (h)	223 940	433 252	106 954	99 927	41 341	14 006	15 707	9 148	944 275
Interest on borrowings	239	-	271	2 262	-	396	-	-	3 168
<b>Total costs (i)</b>	<b>756 428</b>	<b>816 020</b>	<b>380 052</b>	<b>229 082</b>	<b>158 091</b>	<b>56 687</b>	<b>52 116</b>	<b>31 111</b>	<b>2 479 586</b>

(a) Cost levels are adjusted using the Australian Bureau of Statistics (ABS) GDP price deflator 2007-08 = 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) NSW: Figures vary from year to year as a result of abnormal expenditure related to the response to specific major emergencies.

(c) 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.

(d) WA: FESA provides a wide range of emergency services under an integrated management structure. Data from 2006-07 cannot be segregated by service and include funding related to delivery of other emergency services including SES and volunteer marine rescue. Data for the Department of Environment and Conservation are not included.

(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.

Table 9A.16 Fire service organisations' costs (\$'000) (2007-08 dollars) (a)

	NSW (b)	Vic (c)	Qld	WA (d)	SA	Tas	ACT (e)	NT (f)	Total
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(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.37.

(h) Includes the running, training, maintenance, communications, provisions for losses and other recurrent, 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.17

## Table 9A.17 Fire service organisations' expenditure per person (2007-08 dollars) (a), (b)

	Unit	NSW	Vic (c)	Qld	WA (d)	SA	Tas	ACT (e)	NT	Aust
2003-04										
Total	\$m	674.9	480.1	347.3	132.2	155.2	54.0	45.5	27.1	1 916.3
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.0
Per person	\$	100.90	96.95	90.03	67.19	101.00	112.42	139.61	135.06	95.76
2004-05										
Total	\$m	688.4	511.0	344.4	128.9	169.1	55.2	53.6	30.0	1 980.6
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.3
Per person	\$	102.30	101.91	87.27	64.49	109.44	113.91	163.33	147.43	97.80
2005-06										
Total	\$m	727.9	552.2	359.1	143.3	151.2	54.4	57.2	31.3	2 076.4
Population	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.5
Per person	\$	107.26	108.57	88.79	70.33	96.95	111.34	172.03	149.95	101.07
2006-07										
Total	\$m	787.5	883.3	370.7	228.5	160.9	60.8	64.1	32.4	2 588.1
Population	m	6.9	5.2	4.1	2.1	1.6	0.5	0.3	0.2	20.9
Per person	\$	114.89	171.00	89.70	109.79	102.08	123.61	190.59	152.62	124.12
2007-08										
Total	\$m	756.4	816.0	380.1	229.1	158.1	56.7	52.1	31.1	2 479.6
Population	m	6.9	5.2	4.2	2.1	1.6	0.5	0.3	0.2	21.2
Per person	\$	109.20	155.55	89.88	107.51	99.31	114.34	152.92	143.00	117.07

(a) Data have been adjusted to 2007-08 dollars using the gross domestic product (GDP) price deflator (2007 08 = 100) (table AA.26). Due to differences in definitions and counting rules, data reported may differ from those in agency annual reports and other sources. Totals may not sum as a result of rounding. 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.

**Table 9A.17 Fire service organisations' expenditure per person (2007-08 dollars) (a), (b)**

- (b) Historical rates in this table may differ from those in previous Reports, as historical population data have been revised using Final Rebased Estimated Resident Population (ERP) data following the 2006 Census of Population and Housing (for 31 December 2001 to 2005). Population data relate to 31 December, so that ERP at 31 December 2007 is used as the denominator for 2007-08.
- (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 (various years) *Australian Demographic Statistics*, Cat. no. 3101.0 (unpublished); State and Territory governments (unpublished).

Table 9A.18

Table 9A.18 Fire service organisations' funding per person (2007-08 dollars) (a), (b)

	Unit	NSW (c)	Vic (d)	Qld	WA (e)	SA	Tas	ACT (f)	NT	Aust
<b>Total government grants</b>										
2003-04										
Total	\$m	124.1	109.2	72.4	1.3	0.4	5.9	33.3	16.9	363.6
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	19.9
Per person	\$	18.56	22.05	18.76	0.67	0.26	12.44	102.31	84.50	18.27
2004-05										
Total	\$m	172.3	119.0	56.9	17.5	0.1	6.6	39.0	19.3	430.9
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per person	\$	25.61	23.74	14.43	8.74	0.08	13.66	119.23	95.62	21.41
2005-06										
Total	\$m	166.5	123.7	59.7	28.5	1.6	4.2	44.8	19.8	448.8
Population	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4
Per person	\$	24.54	24.32	14.77	13.98	1.02	8.69	135.65	95.89	22.00
2006-07										
Total	\$m	238.4	440.3	65.1	68.3	1.0	7.7	37.2	20.1	878.0
Population	m	6.9	5.2	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Per person	\$	34.78	85.24	15.75	32.82	0.61	15.80	111.36	95.23	42.42
2007-08										
Total	\$m	166.2	288.2	69.8	57.8	2.6	6.9	38.9	16.9	647.2
Population	m	6.9	5.2	4.2	2.1	1.6	0.5	0.3	0.2	21.0
Per person	\$	23.99	54.93	16.52	27.12	1.62	13.90	114.62	78.64	30.80

Table 9A.18

## Table 9A.18 Fire service organisations' funding per person (2007-08 dollars) (a), (b)

	Unit	NSW (c)	Vic (d)	Qld	WA (e)	SA	Tas	ACT (f)	NT	Aust
<b>Total levies</b>										
2003-04										
Total	\$m	501.9	358.2	252.5	132.1	143.9	40.9	-	-	1 429.6
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	19.9
Per person	\$	75.04	72.34	65.46	67.12	93.69	85.71	-	-	71.85
2004-05										
Total	\$m	495.2	375.7	256.7	109.6	144.9	40.5	-	-	1 422.6
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per person	\$	73.59	74.93	65.06	54.83	94.09	83.80	-	-	70.68
2005-06										
Total	\$m	515.6	384.5	260.3	114.5	145.2	39.7	-	-	1 459.8
Population	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4
Per person	\$	75.98	75.61	64.37	56.20	93.53	81.55	-	-	71.58
2006-07										
Total	\$m	521.9	393.0	262.4	152.2	144.9	39.1	-	-	1 513.5
Population	m	6.9	5.2	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Per person	\$	76.14	76.08	63.51	73.13	92.39	79.85	-	-	73.12
2007-08										
Total	\$m	547.1	411.2	261.3	160.9	152.2	41.9	-	-	1 574.6
Population	m	6.9	5.2	4.2	2.1	1.6	0.5	0.3	0.2	21.0
Per person	\$	78.98	78.37	61.80	75.53	96.10	84.87	-	-	74.93

Table 9A.18

Table 9A.18 Fire service organisations' funding per person (2007-08 dollars) (a), (b)

	Unit	NSW (c)	Vic (d)	Qld	WA (e)	SA	Tas	ACT (f)	NT	Aust
<b>User charges</b>										
2003-04										
Total	\$m	21.7	19.1	19.1	1.5	3.0	7.6	4.6	1.6	78.3
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	19.9
Per person	\$	3.25	3.85	4.95	0.78	1.97	15.90	14.23	8.24	3.94
2004-05										
Total	\$m	22.7	17.0	17.6	2.4	3.2	7.3	7.7	1.8	79.9
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per person	\$	3.38	3.39	4.47	1.19	2.09	15.19	23.65	9.04	3.97
2005-06										
Total	\$m	13.6	20.1	19.7	2.5	2.3	6.7	9.0	2.1	76.0
Population	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4
Per person	\$	2.00	3.95	4.87	1.23	1.51	13.71	27.41	10.02	3.73
2006-07										
Total	\$m	13.4	22.6	24.7	4.1	3.5	6.9	9.0	2.1	86.3
Population	m	6.9	5.2	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Per person	\$	1.96	4.37	5.98	1.96	2.26	14.08	26.89	9.83	4.17
2007-08										
Total	\$m	13.1	31.3	26.5	4.3	7.6	6.8	8.4	2.0	100.0
Population	m	6.9	5.2	4.2	2.1	1.6	0.5	0.3	0.2	21.0
Per person	\$	1.90	5.97	6.27	2.03	4.77	13.72	24.79	9.17	4.76

Table 9A.18

Table 9A.18 Fire service organisations' funding per person (2007-08 dollars) (a), (b)

	Unit	NSW (c)	Vic (d)	Qld	WA (e)	SA	Tas	ACT (f)	NT	Aust
<b>Miscellaneous revenue</b>										
2003-04										
Total	\$m	24.8	26.7	6.8	2.8	5.6	2.4	2.8	0.1	72.1
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	19.9
Per person	\$	3.71	5.39	1.77	1.41	3.62	5.10	8.65	0.42	3.62
2004-05										
Total	\$m	19.8	27.0	6.9	2.2	3.4	2.1	0.2	0.4	62.0
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per person	\$	2.95	5.39	1.75	1.09	2.20	4.38	0.63	1.98	3.08
2005-06										
Total	\$m	30.1	36.2	6.7	2.3	4.3	1.2	0.1	0.9	81.7
Population	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4
Per person	\$	4.43	7.13	1.66	1.11	2.78	2.46	0.17	4.16	4.00
2006-07										
Total	\$m	33.1	71.1	6.0	12.8	3.3	1.9	6.1	0.8	135.2
Population	m	6.9	5.2	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Per person	\$	4.82	13.76	1.46	6.14	2.13	3.82	18.36	3.96	6.53
2007-08										
Total	\$m	40.8	28.7	4.2	9.2	3.4	1.5	1.2	0.3	89.3
Population	m	6.9	5.2	4.2	2.1	1.6	0.5	0.3	0.2	21.0
Per person	\$	5.89	5.46	0.99	4.34	2.17	3.00	3.41	1.50	4.25



Table 9A.18

Table 9A.18 Fire service organisations' funding per person (2007-08 dollars) (a), (b)

	Unit	NSW (c)	Vic (d)	Qld	WA (e)	SA	Tas	ACT (f)	NT	Aust
<b>Indirect government funding</b>										
<b>2003-04</b>										
Total	\$m	-	-	-	-	-	-	3.6	-	3.6
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	19.9
Per person	\$	-	-	-	-	-	-	11.20	-	0.18
<b>2004-05</b>										
Total	\$m	-	-	-	-	-	-	2.6	-	2.6
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per person	\$	-	-	-	-	-	-	8.00	-	0.13
<b>2005-06</b>										
Total	\$m	-	-	-	-	-	-	2.5	-	2.5
Population	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4
Per person	\$	-	-	-	-	-	-	7.58	-	0.12
<b>2006-07</b>										
Total	\$m	-	-	-	-	-	na	0.2	-	0.2
Population	m	6.9	5.2	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Per person	\$	-	-	-	-	-	na	0.63	-	0.01
<b>2007-08</b>										
Total	\$m	-	-	-	-	-	-	0.0	-	0.0
Population	m	6.9	5.2	4.2	2.1	1.6	0.5	0.3	0.2	21.0
Per person	\$	-	-	-	-	-	-	-	-	-

(a) Data have been adjusted to 2007-08 dollars using the gross domestic product (GDP) price deflator (2007 08 = 100) (table AA.26). Totals may not add as a result of rounding.

(b) Historical rates in this table may differ from those in previous Reports, as historical population data have been revised using Final Rebased Estimated Resident Population (ERP) data following the 2006 Census of Population and Housing (for 31 December 2001 to 2005). Population data relate to 31 December, so that ERP at 31 December 2007 is used as the denominator for 2007-08.

Table 9A.18 Fire service organisations' funding per person (2007-08 dollars) (a), (b)

Unit	NSW (c)	Vic (d)	Qld	WA (e)	SA	Tas	ACT (f)	NT	Aust
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(c) NSW: Figures vary from year to year as a result of abnormal grants for specific major emergencies.

(d) 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.

(e) 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.

(f) 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 Ericsson sky crane in the ACT as part of the National Aerial Firefighting Strategy.

– Nil or rounded to zero.

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

# All jurisdictions — road rescue events

**Table 9A.19 Reported road rescue incidents (number)**

	<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>
Total incidents									
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	1 129	1 997	475	954	437	22 061
2007-08	6 166	2 200	8 192	1218	3 592	460	489	408	22 725
Incidents per 100 000 people (g)									
2003-04	113.2	51.4	115.7	6.1	176.3	81.5	237.4	169.5	94.5
2004-05	96.8	46.2	135.8	43.2	169.5	112.5	181.9	35.8	93.3
2005-06	93.7	42.3	168.5	24.5	152.6	106.4	271.7	214.0	97.7
2006-07	102.1	43.7	189.0	54.3	126.7	96.6	283.6	205.6	105.8
2007-08	89.0	41.9	193.7	57.2	225.6	92.8	143.5	187.5	107.3

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

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

(c) WA: Data collection and counting methods have been reviewed to achieve alignment to data definitions and counting rules. Data for 2006-07 have been revised from those earlier reported to provide a basis for comparison.

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

(e) Tas: Data include responses by fire services, ambulance services and SES.

(f) ACT: Data analysis has been refined in 2007-08 to better reflect road rescue incidents.

(g) Historical rates in this table may differ from those in previous Reports, as historical population data have been revised using Final Rebased Estimated Resident Population (ERP) data following the 2006 Census of Population and Housing (for 31 December 2001 to 2005). Population data relate to 31 December, so that ERP at 31 December 2007 is used as the denominator for 2007-08.

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

Table 9A.20

Table 9A.20 **Reported road rescue extrications (number)**

	NSW	Vic (a)	Qld (b)	WA (c)	SA (d)	Tas (e)	ACT (f)	NT	Aust
Total extrications									
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	2 104	531	524	117	487	269	10 236
2007-08	4 180	1 704	2183	536	1010	146	108	108	9 975
Extrications per 100 000 people (g)									
2003-04	34.9	19.9	19.4	4.5	33.9	21.6	25.8	57.3	24.9
2004-05	69.2	20.0	18.2	40.1	na	24.1	31.7	33.4	36.9
2005-06	60.0	36.0	45.2	17.0	42.7	79.6	145.9	141.1	48.3
2006-07	65.0	33.9	50.9	25.5	33.3	23.8	144.7	126.6	49.1
2007-08	60.3	32.5	51.6	25.2	63.4	29.4	31.7	49.6	47.1
Extrications per 100 000 registered vehicles (h)									
2003-04	59.2	28.2	29.3	6.2	48.4	30.7	39.4	110.3	37.9
2004-05	114.7	28.3	26.9	54.5	na	33.3	48.2	63.8	55.3
2005-06	97.1	50.2	66.2	22.5	60.1	108.0	223.5	267.4	71.1
2006-07	104.3	46.8	72.6	33.2	46.0	31.2	217.3	235.9	71.3
2007-08	95.8	44.6	72.0	32.0	87.3	38.3	47.1	91.4	67.5
Extrications per million vehicle kilometres travelled									
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	63.9	35.2	41.1	16.0	na	73.4	156.3	183.4	48.0
2006-07	72.5	32.0	46.3	23.5	33.7	23.1	161.6	163.3	48.9
2007-08	66.6	29.4	47.4	22.1	71.1	29.2	34.2	60.5	46.4

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

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

(c) WA: Data include road rescue incidents attended by fire services and SES.

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

(e) Tas: Data include responses by fire services, ambulance services and SES.

(f) ACT: Data analysis has been refined to better reflect road rescue incidents.

(g) Historical rates in this table may differ from those in previous Reports, as historical population data have been revised using Final Rebased Estimated Resident Population (ERP) data following the 2006 Census of Population and Housing (for 31 December 2001 to 2005). Population data relate to 31 December, so that ERP at 31 December 2007 is used as the denominator for 2007-08.

(h) Vehicle numbers for 2003, 2006 and 2007 are taken from the ABS *Motor Vehicle Census* (as at 31 March 2007). Vehicle numbers reported by ABS from the *Survey of Motor Vehicle Use* (12 months as at 31 October) for the 2004 and 2005 years are used as proxies for the 2004-05 and 2005-06 financial years. As a result of drawing vehicle numbers from ABS publications in this way the extrication rates shown here may differ from those in previous reports.

na Not available.

Table 9A.20

Source: ABS (2007) *Motor Vehicle Census*, Cat. No. 9309.0, Canberra; ABS (2008) *Survey of Motor Vehicle Use*, Cat. No. 9208.0, Canberra. ABS *Australian Demographic Statistics*, Cat. no. 3101.0 (unpublished); State and Territory governments (unpublished).

# All jurisdictions — State Emergency Services/Territory Emergency Services

Table 9A.21

Table 9A.21 **S/TES volunteer human resources (number)**

	NSW (a)	Vic	Qld	WA (b)	SA (c)	Tas	ACT	NT (d)	Aust
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	<b>25 170</b>
Non-operational	na	1 310	na	na	na	na	na	na	<b>na</b>
<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>
2007-08									
Operational	10 114	3 691	6 430	1 827	1 828	530	205	293	<b>24 918</b>
Non-operational	na	1 142	na	na	na	30	na	na	<b>na</b>
<b>Total</b>	<b>10 114</b>	<b>4 833</b>	<b>6 430</b>	<b>1 827</b>	<b>1 828</b>	<b>560</b>	<b>205</b>	<b>293</b>	<b>26 090</b>

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

(b) WA: Data exclude 510 volunteer emergency service members who may also undertake an SES role.

(c) SA: Data refer to active, operational members.

(d) NT: Transient people in the NT result in fluctuations in the numbers of volunteers.

na Not available.

Source: State and Territory governments (unpublished).



# All jurisdictions — ambulance events

Table 9A.22

Table 9A.22 Major sources of ambulance service organisations revenue (2007-08 dollars) (a)

	Unit	NSW (b)	Vic	Qld	WA	SA (c)	Tas	ACT	NT	Aust
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 (e)	%	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										
<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	%	77.5	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>

Table 9A.22

Table 9A.22 Major sources of ambulance service organisations revenue (2007-08 dollars) (a)

	Unit	NSW (b)	Vic	Qld	WA	SA (c)	Tas	ACT	NT	Aust
Government grants	\$m	322.0	217.2	268.5	16.2	51.9	19.0	12.8	8.4	916.2
Indirect government revenue	\$m	-	5.5	-	-	-	-	9.0	-	14.5
Other revenue (d)	\$m	9.8	87.2	12.9	21.2	20.1	0.4	1.1	4.0	156.7
Transport fees	\$m	83.7	73.8	57.1	54.5	38.8	3.7	1.5	1.3	314.7
<b>Total</b>	<b>\$m</b>	<b>415.6</b>	<b>383.7</b>	<b>338.5</b>	<b>92.0</b>	<b>110.9</b>	<b>23.2</b>	<b>24.5</b>	<b>13.7</b>	<b>1 402.0</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 (e)	%	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
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>%</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.22

## Table 9A.22 Major sources of ambulance service organisations revenue (2007-08 dollars) (a)

	Unit	NSW (b)	Vic	Qld	WA	SA (c)	Tas	ACT	NT	Aust
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	335.3	254.7	267.9	22.0	56.9	22.7	16.6	10.5	986.7
Indirect government revenue	\$m	—	6.6	—	—	—	—	—	—	6.6
Other revenue (d)	\$m	12.3	89.4	14.0	24.6	23.5	0.2	0.1	4.7	168.9
Transport fees	\$m	83.2	76.4	59.1	59.3	41.2	4.1	1.7	1.9	326.9
<b>Total</b>	<b>\$m</b>	<b>430.8</b>	<b>427.1</b>	<b>341.1</b>	<b>105.9</b>	<b>121.6</b>	<b>27.1</b>	<b>18.3</b>	<b>17.2</b>	<b>1 489.1</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
Uninsured citizens	%	5.3	8.3	1.9	29.3	18.9	1.3	—	6.7	8.0
Workers' compensation (e)	%	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
REPORT ON GOVERNMENT SERVICES 2009										
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Table 9A.22

## Table 9A.22 Major sources of ambulance service organisations revenue (2007-08 dollars) (a)

	Unit	NSW (b)	Vic	Qld	WA	SA (c)	Tas	ACT	NT	Aust
<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	348.6	271.0	279.2	37.0	56.4	25.7	20.1	11.0	1 049.3
Indirect government revenue	\$m	—	5.5	—	—	—	—	—	—	5.5
Other revenue (d)	\$m	16.7	93.9	15.4	26.8	22.7	0.5	0.1	4.6	180.6
Transport fees	\$m	98.8	84.1	63.3	43.8	42.8	3.1	1.1	1.8	338.7
<b>Total</b>	<b>\$m</b>	<b>464.1</b>	<b>454.5</b>	<b>357.8</b>	<b>107.6</b>	<b>121.9</b>	<b>29.3</b>	<b>21.4</b>	<b>17.3</b>	<b>1 574.1</b>
2006-07										
Government grants										
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	64.7
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 (e)	%	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
REPORT ON										
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Table 9A.22

## Table 9A.22 Major sources of ambulance service organisations revenue (2007-08 dollars) (a)

	Unit	NSW (b)	Vic	Qld	WA	SA (c)	Tas	ACT	NT	Aust
Indirect government revenue	%	—	0.5	—	—	—	—	—	—	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>
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	351.7	255.4	302.0	36.2	57.0	27.7	15.4	12.0	1 057.3
Indirect government revenue	\$m	—	2.3	—	—	—	—	—	—	2.3
Other revenue (d)	\$m	11.1	100.6	17.5	27.4	22.6	0.3	0.2	4.6	184.2
Transport fees	\$m	122.6	87.2	65.3	48.2	45.2	3.4	4.1	1.8	377.8
<b>Total</b>	<b>\$m</b>	<b>485.4</b>	<b>445.4</b>	<b>384.8</b>	<b>111.7</b>	<b>124.8</b>	<b>31.4</b>	<b>19.6</b>	<b>18.4</b>	<b>1 621.6</b>
2007-08										
Government grants										
Australian	%	—	1.4	—	—	0.2	0.9	—	—	0.4
State/Territory	%	71.0	56.5	78.7	30.2	47.9	83.9	79.0	64.1	64.6
Local	%	—	—	—	—	—	na	—	—	—
Subscription fees	%	—	18.1	—	1.5	12.9	—	—	1.9	6.0
Transport fees										
Interhospital	%	13.7	4.5	8.2	3.8	8.7	—	—	—	8.3
Other fees from citizens	%	7.0	9.0	1.5	33.0	19.8	1.0	—	5.5	8.8
Workers' compensation (e)	%	na	1.1	0.7	—	na	0.5	—	0.2	0.5
Motor accident insurance	%	3.6	4.0	2.7	2.9	3.8	4.9	—	1.7	3.4
Veterans' Affairs	%	2.9	—	3.5	3.8	2.8	6.4	4.5	0.5	2.4
Other	%	—	0.5	0.4	—	0.2	0.5	15.9	1.4	0.5
Donations	%	—	0.1	—	0.2	0.1	—	—	0.5	—
REPORT ON										
GOVERNMENT										
SERVICES 2009										
										EMERGENCY MANAGEMENT

Table 9A.22

Table 9A.22 Major sources of ambulance service organisations revenue (2007-08 dollars) (a)

	Unit	NSW (b)	Vic	Qld	WA	SA (c)	Tas	ACT	NT	Aust
Miscellaneous	%	1.8	3.6	4.1	24.7	3.5	2.0	0.6	24.3	4.8
Indirect government revenue	%	–	1.0	–	–	–	–	–	–	0.3
<b>Total share</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Government grants	%	71.0	57.9	78.7	30.2	48.1	84.8	79.0	64.1	65.0
Indirect government revenue	%	–	1.0	–	–	–	–	–	–	0.3
Other revenue (d)	%	1.8	21.9	4.2	26.3	16.5	2.0	0.6	26.7	10.8
Transport fees	%	27.2	19.2	17.1	43.5	35.3	13.3	20.3	9.2	23.9
<b>Total</b>	<b>%</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Government grants	\$m	383.9	270.9	322.6	35.9	66.3	28.2	16.9	12.7	1 137.4
Indirect government revenue	\$m	–	4.9	–	–	–	–	–	–	4.9
Other revenue (d)	\$m	9.8	102.5	17.0	31.3	22.8	0.7	0.1	5.3	189.6
Transport fees	\$m	147.1	89.8	70.2	51.7	48.7	4.4	4.3	1.8	418.0
<b>Total</b>	<b>\$m</b>	<b>540.9</b>	<b>468.1</b>	<b>409.8</b>	<b>118.9</b>	<b>137.8</b>	<b>33.2</b>	<b>21.3</b>	<b>19.8</b>	<b>1 749.8</b>

(a) Data have been adjusted to 2007-08 dollars using the gross domestic product (GDP) price deflator (2007-08 = 100) (table AA.26). 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) SA: 2007-08 other fees from citizens includes workers compensation fees.

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

(e) Australian totals for transport fees - workers' compensation exclude NSW data for all years, and SA data for 2007-08.

na Not available. – Nil or rounded to zero.

Source: State and Territory governments (unpublished).

Table 9A.23

Table 9A.23 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 (h)
2003-04										
Incidents										
Emergency incidents	'000	515	200	145	42	72	27	10	na	1 012
Urgent incidents	'000	..	127	222	40	64	15	9	na	478
Non-emergency incidents	'000	272	236	192	61	48	11	5	na	825
Casualty room attendances	'000	-	-	7	1	-	-	-	-	8
<b>Total incidents</b>	'000	na	563	566	144	184	53	25	na	2 323
Population (i)	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.0
Incidents per 1 000 people	no.	na	114	147	73	120	109	76	na	116
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 (i)	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.0
Responses per 1 000 people	no.	139	136	168	74	127	106	83	130	135
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 1 000 people	no.	113	104	135	75	115	70	84	113	110
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	-	-	-	-	1	-	8



Table 9A.23

Table 9A.23 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 (h)
2004-05										
Incidents										
Emergency incidents	'000	528	204	151	41	76	25	9	na	1 034
Urgent incidents	'000	..	130	247	41	63	15	9	na	506
Non-emergency incidents	'000	267	241	195	67	50	9	5	na	834
Casualty room attendances	'000	-	-	7	-	-	-	-	-	7
<b>Total incidents</b>	'000	na	575	600	150	189	49	23	na	2 380
Population (i)	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.3
Incidents per 1 000 people	no.	na	115	152	75	122	101	71	na	118
Responses										
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	na	691	688	153	201	56	27	31	1 846
Population (i)	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.2
Responses per 1 000 people	no.	na	138	174	76	130	116	81	150	91
Patients										
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 1 000 people	no.	113	105	139	77	117	84	69	130	112
Transport										
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	-	-	-	-	-	-	7

Table 9A.23

Table 9A.23 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 (h)
2005-06										
Incidents										
Emergency incidents	'000	414	219	165	43	84	29	11	na	965
Urgent incidents	'000	176	139	266	41	65	18	11	na	717
Non-emergency incidents	'000	245	268	207	71	51	12	5	na	859
Casualty room attendances	'000	-	-	8	-	-	-	-	-	8
<b>Total incidents</b>	'000	834	626	646	156	200	59	27	na	2 549
Population (i)	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.5
Incidents per 1 000 people	no.	123	123	160	76	128	121	81	na	124
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 (i)	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.5
Responses per 1 000 people	no.	147	147	185	78	137	126	90	151	146
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 1 000 people	no.	118	114	149	79	123	94	75	130	118
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	-	9

Table 9A.23

Table 9A.23 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 (h)
2006-07										
Incidents										
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	'000	-	-	10	-	-	-	-	-	10
<b>Total incidents</b>	'000	880	670	698	166	216	61	29	na	2 719
Population (i)	m	6.9	5.2	4.1	2.1	1.6	0.5	0.3	0.2	20.8
Incidents per 1 000 people	no.	128	130	169	80	137	124	86	na	130
Responses										
Emergency responses	'000	572	333	274	46	106	31	12	8	1 384
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 (i)	m	6.9	5.2	4.1	2.1	1.6	0.5	0.3	0.2	20.8
Responses per 1 000 people	no.	154	155	198	82	148	128	96	160	154
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 1 000 people	no.	130	119	150	83	130	101	80	137	125
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	-	9

Table 9A.23

Table 9A.23 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 (h)
2007-08										
Incidents										
Emergency incidents	'000	480	239	220	48	106	29	12	na	1 134
Urgent incidents	'000	196	154	302	41	57	22	13	na	785
Non-emergency incidents	'000	256	306	220	85	69	10	8	na	954
Casualty room attendances	'000	-	-	9	-	-	-	-	-	9
<b>Total incidents</b>	'000	932	699	751	174	232	61	32	na	2 882
Population (i)	m	6.9	5.2	4.2	2.1	1.6	0.5	0.3	0.2	21.2
Incidents per 1 000 people	no.	135	133	178	82	146	123	95	na	136
Responses										
Emergency responses	'000	605	330	311	51	120	32	13	8	1 469
Urgent responses	'000	233	176	348	41	63	23	13	18	915
Non-emergency responses	'000	280	319	221	88	70	9	8	9	1 004
<b>Total responses</b>	'000	1 119	825	879	180	253	63	34	35	3 388
Population (i)	m	6.9	5.2	4.2	2.1	1.6	0.5	0.3	0.2	21.2
Responses per 1 000 people	no.	161	157	208	85	159	127	100	161	160
Patients										
Transported	'000	755	582	604	163	184	37	20	28	2 373
Treated not transported	'000	198	61	47	19	33	13	7	2	379
<b>Total patients</b>	'000	952	643	651	182	217	50	27	30	2 753
Patients per 1 000 people	no.	137	123	154	85	137	100	80	138	130
Transport										
Total fleet road	m km	30.1	25.6	28.0	5.9	10.5	2.3	0.8	0.8	104.1
Flying hours fixed wing	'000 hrs	8	5	-	-	-	1	-	-	14
Flying hours rotary wing	'000 hrs	7	2	-	1	-	-	1	-	11

Table 9A.23

Table 9A.23 **Reported ambulance incidents, responses, patients and transport (a)**

<i>Unit</i>	<i>NSW (b)</i>	<i>Vic (c)</i>	<i>Qld (d)</i>	<i>WA (e)</i>	<i>SA (f)</i>	<i>Tas (g)</i>	<i>ACT</i>	<i>NT (h)</i>	<i>Aust (h)</i>
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- (a) An incident is an event that results in a demand for ambulance resources to respond. An ambulance response is a vehicle or vehicles sent to an incident. There may be multiple responses/vehicles sent to a single incident. A patient is someone assessed, treated or transported by the ambulance service.
- (b) NSW: Prior to 2005-06, 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) Vic: Victorian incidents and responses are for road ambulances only.
- (d) Qld: Patients transported data are extrapolated to the end of the 2007-08 financial year from data as at end March 2008.
- (e) WA: Does not have a policy of automatically dispatching more than one unit to an incident unless advised of more than one patient. Separate statistics are not kept for incidents and responses. Numbers shown under incidents are cases.
- (f) SA: Prior to 2006-07 incidents, response and patient data were based on patient case cards. Incidents, response and patient data for 2006-07 are extracted from SA Ambulance Computer Aided Dispatch data and are more aligned to the definitions provided by the CAA. As a result in some areas the data are not directly comparable with prior years. For 2007-08 RFDS cases were reclassified from urgent to non-emergency.
- (g) Tas: 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) NT: Incident data were not collected in 2003-04. In 2005-06 incident data were unavailable as data are not recorded on the JESC system and all cases are considered an incident. A response is counted as an incident, therefore, data for incidents are not included in the rates for Australia.
- (i) Historical rates in this table may differ from those in previous Reports, as historical population data have been revised using Final Revised Estimated Resident Population (ERP) data following the 2006 Census of Population and Housing (for 31 December 2001 to 2005). Population data relate to 31 December, so that ERP at 31 December 2007 is used as the denominator for 2007-08.

na 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.24

Table 9A.24 Ambulance service organisations' human resources (a)

Unit	NSW	Vic (b)	Qld	WA (c)	SA (d)	Tas (e)	ACT (f)	NT	Aust
2003-04									
Salaried personnel									
Ambulance operatives	86.8	84.0	78.4	68.8	76.4	86.3	74.2	63.3	81.6
Ambulance operatives	2 865	1 887	2 088	410	649	162	95	74	8 230
Patient transport officers	96	39	143	33	48	2	2	-	363
Students and base level ambulance officers	523	394	336	96	151	23	18	20	1 561
Qualified ambulance officers	1 981	1 354	1 380	254	404	121	65	43	5 602
Clinical other	18	-	2	-	-	-	-	-	20
Communications operatives	247	100	227	27	46	16	10	11	684
Operational support personnel	226	145	188	60	68	14	18	15	734
Corporate support personnel	210	215	386	126	132	12	15	28	1 123
<b>Total salaried personnel</b>	<b>3 301</b>	<b>2 246</b>	<b>2 662</b>	<b>596</b>	<b>849</b>	<b>187</b>	<b>128</b>	<b>117</b>	<b>10 087</b>
Volunteers (a)									
Ambulance operatives	115	501	445	1 694	1 383	567	-	19	4 724
Operational and corporate support	-	-	-	1 026	200	-	-	1	1 227
<b>Total volunteers</b>	<b>115</b>	<b>501</b>	<b>445</b>	<b>2 720</b>	<b>1 583</b>	<b>567</b>	<b>-</b>	<b>20</b>	<b>5 951</b>
Population (h)	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	19.9
Per 100 000 people									
Students and base level ambulance officers	7.8	8.0	8.7	4.9	9.8	4.8	5.5	10.0	7.8
Qualified ambulance officers	29.6	27.3	35.8	12.9	26.3	25.3	20.0	21.5	28.2
<b>Total</b>	<b>37.4</b>	<b>35.3</b>	<b>44.5</b>	<b>17.8</b>	<b>36.1</b>	<b>30.1</b>	<b>25.5</b>	<b>31.5</b>	<b>36.0</b>

Table 9A.24

Table 9A.24 Ambulance service organisations' human resources (a)

	Unit	NSW	Vic (b)	Qld	WA (c)	SA (d)	Tas (e)	ACT (f)	NT	Aust
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>
Population (h)	million	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 100 000 people										
Students and base level ambulance officers	FTE	7.9	8.2	11.9	5.2	3.8	6.8	3.4	8.9	8.1
Qualified ambulance officers	FTE	29.6	29.2	36.1	14.9	32.2	27.5	25.7	23.7	29.5
<b>Total</b>	<b>FTE</b>	<b>37.6</b>	<b>37.4</b>	<b>48.0</b>	<b>20.1</b>	<b>36.0</b>	<b>34.4</b>	<b>29.0</b>	<b>32.6</b>	<b>37.6</b>

Table 9A.24

Table 9A.24 Ambulance service organisations' human resources (a)

	Unit	NSW	Vic (b)	Qld	WA (c)	SA (d)	Tas (e)	ACT (f)	NT	Aust
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
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</b>	<b>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>
Population (h)	million	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4
Per 100 000 people										
Students and base level ambulance officers	FTE	8.1	6.5	11.4	5.3	2.0	8.2	3.6	8.2	7.6
Qualified ambulance officers	FTE	31.0	31.1	38.1	16.1	37.7	26.7	23.8	27.1	31.4
<b>Total</b>	<b>FTE</b>	<b>39.1</b>	<b>37.7</b>	<b>49.8</b>	<b>21.5</b>	<b>39.7</b>	<b>35.0</b>	<b>27.5</b>	<b>35.5</b>	<b>39.0</b>
Volunteers (a)										
Ambulance operatives	no.	84	915	427	1 951	1 221	503	—	13	5 114
Operational and corporate support	no.	—	—	—	900	258	—	—	1	1 159
<b>Total volunteers</b>	<b>no.</b>	<b>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>



Table 9A.24

Table 9A.24 Ambulance service organisations' human resources (a)

Unit	NSW	Vic (b)	Qld	WA (c)	SA (d)	Tas (e)	ACT (f)	NT	Aust
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	3 194	2 147	2 481	524	725	215	105	100	9 491
Patient transport officers	148	53	163	43	87	2	10	1	506
Students and base level ambulance officers	530	354	500	45	80	55	8	20	1 592
Qualified ambulance officers	2 212	1 641	1 511	400	504	139	78	63	6 548
Clinical other	33	—	1	—	—	—	—	—	34
Communications operatives	271	100	306	36	54	19	9	16	811
Operational support personnel	278	169	227	72	82	32	10	16	887
Corporate support personnel	229	272	489	141	173	16	18	18	1 355
<b>Total salaried personnel</b>	<b>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	121	897	416	1 938	1 377	507	—	9	5 265
Operational and corporate support	—	—	—	901	242	—	—	1	1 144
<b>Total volunteers</b>	<b>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>
Population (h)	6.9	5.2	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Per 100 000 people									
Students and base level ambulance officers	7.7	6.9	12.1	2.2	5.1	11.2	2.4	9.5	7.7
Qualified ambulance officers	32.3	31.8	36.6	19.2	32.2	28.3	23.3	29.9	31.6
<b>Total</b>	<b>40.0</b>	<b>38.6</b>	<b>48.7</b>	<b>21.4</b>	<b>37.3</b>	<b>39.5</b>	<b>25.7</b>	<b>39.4</b>	<b>39.3</b>

Table 9A.24

Table 9A.24 Ambulance service organisations' human resources (a)

	Unit	NSW	Vic (b)	Qld	WA (c)	SA (d)	Tas (e)	ACT (f)	NT	Aust
2007-08										
Salaried personnel										
	Ambulance operatives	%	82.5	81.0	71.9	75.0	81.9	83.5	81.5	81.9
	Ambulance operatives	FTE	2 264	2 738	561	799	226	129	132	10 110
	Patient transport officers	FTE	55	186	43	81	2	13	1	525
	Students and base level ambulance officers	FTE	321	565	130	86	73	17	50	1 837
	Qualified ambulance officers	FTE	1 769	1 651	349	554	132	92	64	6 799
	Clinical other	FTE	5	1	—	9	—	—	—	62
	Communications operatives	FTE	113	336	39	69	19	7	17	888
	Operational support personnel (h)	FTE	164	332	116	92	32	16	11	1 047
	Corporate support personnel (h)	FTE	317	312	103	175	18	9	19	1 186
	<b>Total salaried personnel</b>	<b>FTE</b>	<b>2 745</b>	<b>3 382</b>	<b>780</b>	<b>1 065</b>	<b>276</b>	<b>154</b>	<b>162</b>	<b>12 344</b>
Volunteers (a)										
	Ambulance operatives	no.	437	225	1 889	1 285	507	—	9	4 515
	Operational and corporate support	no.	—	—	1 071	249	—	—	1	1 321
	<b>Total volunteers</b>	<b>no.</b>	<b>437</b>	<b>225</b>	<b>2 960</b>	<b>1 534</b>	<b>507</b>	<b>—</b>	<b>10</b>	<b>5 836</b>
	Community first responders	no.	546	188	—	2	34	—	—	809
	Population (h)	million	5.2	4.2	2.1	1.6	0.5	0.3	0.2	21.0
	Per 100 000 people									
	Students and base level ambulance officers	FTE	6.1	13.4	6.1	5.4	14.8	5.0	23.3	8.7
	Qualified ambulance officers	FTE	33.7	39.0	16.4	35.0	26.8	27.1	29.8	32.4
	<b>Total</b>	<b>FTE</b>	<b>40.2</b>	<b>52.4</b>	<b>22.5</b>	<b>40.4</b>	<b>41.6</b>	<b>32.1</b>	<b>53.0</b>	<b>41.1</b>

Table 9A.24 Ambulance service organisations' human resources (a)

	Unit	NSW	Vic (b)	Qld	WA (c)	SA (d)	Tas (e)	ACT (f)	NT	Aust
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FTE = full time equivalent.

- (a) Previous years data may not be comparable as volunteer data for 2007-08 were categorised into volunteers with transport capability and first responders with no transport capability.
- (b) 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). Data on community first responders includes 50 CERT and 30 Hatzolah responders.
- (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. In 2007-08 ACT operational support staff are calculated by partial attribution using total ESA FTE as a driver and does not include FTE's from Shared Services.
- (g) Historical rates in this table may differ from those in previous Reports, as historical population data have been revised using Final Rebased Estimated Resident Population (ERP) data following the 2006 Census of Population and Housing (for 31 December 2001 to 2005). Population data relate to 31 December, so that ERP at 31 December 2007 is used as the denominator for 2007-08.
- (h) For 2007-08 operational support staff includes community service operatives previously reported under corporate support staff.

– Nil or rounded to zero.

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

**Table 9A.25 Ambulance service organisations' human resources, operational workforce, by age group and attrition, 2007-08**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
Operational workforce, by age group										
Under 30 years of age	no.	528	421	411	87	192	50	12	44	1 745
30–39 years of age	no.	1 197	716	1 001	255	271	82	52	52	3 626
40–49 years of age	no.	1 075	748	839	194	262	71	55	46	3 290
50–59 years of age	no.	605	474	407	81	98	51	13	16	1 745
60 or over years of age	no.	87	59	84	18	21	10	2	4	285
Total operational workforce	no.	3 492	2 418	2 742	635	844	264	134	162	10 691
Total operational workforce	FTE	3 409	2 314	2 549	604	786	237	130	121	10 149
Operational workforce, attrition	FTE	178	107	107	46	25	17	14	6	501
Operational workforce, attrition	%	5.2	4.6	4.2	7.6	3.2	7.2	10.8	5.0	4.9

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

Table 9A.26

Table 9A.26 **Ambulance assets (number) (a)**

	<i>NSW</i>	<i>Vic (b)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (c)</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>

Table 9A.26

Table 9A.26 **Ambulance assets (number) (a)**

	<i>NSW</i>	<i>Vic (b)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (c)</i>	<i>NT</i>	<i>Total</i>
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>
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>
2007-08									
Ambulance stations and locations									
Response locations	250	218	260	184	107	47	7	8	1 081
Communication centres	4	6	7	2	1	1	1	1	23
Other locations	52	32	25	113	10	2	3	–	237
<b>Total (d)</b>	<b>306</b>	<b>256</b>	<b>292</b>	<b>299</b>	<b>118</b>	<b>50</b>	<b>11</b>	<b>9</b>	<b>1 341</b>
Ambulance first responder locations (d)	5	29	20	–	5	3	–	–	62
Third party first responder locations	5	47	–	–	–	–	–	–	52
Ambulances and other vehicles									
Ambulance general purpose	895	513	730	415	202	98	16	28	2 897
Patient transport vehicles	95	46	112	16	19	2	2	2	294
Operational support vehicles	340	237	200	10	78	22	9	9	905
Special operations vehicles	21	11	1	–	4	2	1	–	40
Administrative vehicles	48	142	46	43	35	2	2	8	326
Other vehicles	72	31	50	21	9	5	2	4	194
<b>Total</b>	<b>1 471</b>	<b>980</b>	<b>1 139</b>	<b>505</b>	<b>347</b>	<b>131</b>	<b>32</b>	<b>51</b>	<b>4 656</b>

Table 9A.26 **Ambulance assets (number) (a)**

	<i>NSW</i>	<i>Vic (b)</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (c)</i>	<i>NT</i>	<i>Total</i>
(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 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) 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).									
(d) Response locations data for 2007-08 reflect changes in the new data definition, which do not include first responder locations, now reported separately.									
– Nil or rounded to zero.									

Source: State and Territory governments (unpublished).

Table 9A.27

Table 9A.27 **Ambulance stations and locations, by staff type**

	<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>Total</i>
2003-04										
Ambulance stations and locations										
With paid staff only	no.	222	148	221	22	36	6	7	2	664
With mixed paid and volunteer staff	no.	6	33	–	9	–	12	–	5	65
With volunteer staff only	no.	16	26	40	148	66	23	–	1	320
<b>Total</b>	<b>no.</b>	<b>244</b>	<b>207</b>	<b>261</b>	<b>179</b>	<b>102</b>	<b>41</b>	<b>7</b>	<b>8</b>	<b>1 049</b>
Population (a)	million	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	19.9
Per 100 000 people										
With paid staff only	no.	3.3	3.0	5.7	1.1	2.3	1.3	2.1	1.0	3.3
With mixed paid and volunteer staff	no.	0.1	0.7	–	0.5	0.0	2.5	–	2.5	0.3
With volunteer staff only	no.	0.2	0.5	1.0	7.5	4.3	4.8	–	0.5	1.6
<b>Total</b>	<b>no.</b>	<b>3.6</b>	<b>4.2</b>	<b>6.8</b>	<b>9.1</b>	<b>6.6</b>	<b>8.6</b>	<b>2.1</b>	<b>4.0</b>	<b>5.3</b>
2004-05										
Ambulance stations and locations										
With paid staff only	no.	221	149	221	22	36	8	7	2	666
With mixed paid and volunteer staff	no.	6	33	–	9	1	15	–	5	69
With volunteer staff only	no.	19	27	50	150	65	23	–	1	335
<b>Total</b>	<b>no.</b>	<b>246</b>	<b>209</b>	<b>271</b>	<b>181</b>	<b>102</b>	<b>46</b>	<b>7</b>	<b>8</b>	<b>1 070</b>
Population (a)	million	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.1
Per 100 000 people										
With paid staff only	no.	3.3	3.0	5.6	1.1	2.3	1.7	2.1	1.0	3.3
With mixed paid and volunteer staff	no.	0.1	0.7	–	0.5	0.1	3.1	–	2.5	0.3
With volunteer staff only	no.	0.3	0.5	1.3	7.5	4.2	4.8	–	0.5	1.7
<b>Total</b>	<b>no.</b>	<b>3.7</b>	<b>4.2</b>	<b>6.9</b>	<b>9.1</b>	<b>6.6</b>	<b>9.5</b>	<b>2.1</b>	<b>4.0</b>	<b>5.3</b>
2005-06										
Ambulance stations and locations										
With paid staff only	no.	218	143	223	25	38	10	7	2	666
With mixed paid and volunteer staff	no.	5	43	na	12	1	13	–	5	79
With volunteer staff only	no.	15	27	48	147	69	23	–	1	330
<b>Total</b>	<b>no.</b>	<b>238</b>	<b>213</b>	<b>271</b>	<b>184</b>	<b>108</b>	<b>46</b>	<b>7</b>	<b>8</b>	<b>1 075</b>
Population (a)	million	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.4
Per 100 000 people										
With paid staff only	no.	3.2	2.8	5.5	1.2	2.4	2.1	2.1	1.0	3.3
With mixed paid and volunteer staff	no.	0.1	0.8	na	0.6	0.1	2.7	–	2.4	0.4
With volunteer staff only	no.	0.2	0.5	1.2	7.2	4.4	4.7	–	0.5	1.6
<b>Total</b>	<b>no.</b>	<b>3.5</b>	<b>4.2</b>	<b>6.7</b>	<b>9.0</b>	<b>7.0</b>	<b>9.5</b>	<b>2.1</b>	<b>3.9</b>	<b>5.3</b>



Table 9A.27

Table 9A.27 **Ambulance stations and locations, by staff type**

	<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>Total</i>
2006-07										
Ambulance stations and locations										
With paid staff only	no.	221	143	228	25	37	10	7	2	673
With mixed paid and volunteer staff	no.	5	44	na	12	1	14	–	5	81
With volunteer staff only	no.	18	27	49	147	72	23	–	1	337
<b>Total</b>	<b>no.</b>	<b>244</b>	<b>214</b>	<b>277</b>	<b>184</b>	<b>110</b>	<b>47</b>	<b>7</b>	<b>8</b>	<b>1 091</b>
Population (a)	million	6.9	5.2	4.1	2.1	1.6	0.5	0.3	0.2	20.7
Per 100 000 people										
With paid staff only	no.	3.2	2.8	5.5	1.2	2.4	2.0	2.1	0.9	3.3
With mixed paid and volunteer staff	no.	0.1	0.9	na	0.6	0.1	2.9	–	2.4	0.4
With volunteer staff only	no.	0.3	0.5	1.2	7.1	4.6	4.7	–	0.5	1.6
<b>Total</b>	<b>no.</b>	<b>3.6</b>	<b>4.1</b>	<b>6.7</b>	<b>8.8</b>	<b>7.0</b>	<b>9.6</b>	<b>2.1</b>	<b>3.8</b>	<b>5.3</b>
2007-08										
Ambulance stations and locations (b)										
With paid staff only	no.	217	148	231	25	36	10	7	2	676
With mixed paid and volunteer staff	no.	9	44	–	13	1	14	–	5	86
With volunteer staff only	no.	24	26	29	146	70	23	–	1	319
<b>Total</b>	<b>no.</b>	<b>250</b>	<b>218</b>	<b>260</b>	<b>184</b>	<b>107</b>	<b>47</b>	<b>7</b>	<b>8</b>	<b>1 081</b>
Population (a)	million	6.9	5.2	4.2	2.1	1.6	0.5	0.3	0.2	21.0
Per 100 000 people										
With paid staff only	no.	3.1	2.8	5.5	1.2	2.3	2.0	2.1	0.9	3.2
With mixed paid and volunteer staff	no.	0.1	0.8	–	0.6	0.1	2.8	–	2.3	0.4
With volunteer staff only	no.	0.3	0.5	0.7	6.9	4.4	4.7	–	0.5	1.5
<b>Total</b>	<b>no.</b>	<b>3.6</b>	<b>4.2</b>	<b>6.1</b>	<b>8.6</b>	<b>6.8</b>	<b>9.5</b>	<b>2.1</b>	<b>3.7</b>	<b>5.1</b>

(a) Historical rates in this table may differ from those in previous Reports, as historical population data have been revised using Final Rebased Estimated Resident Population (ERP) data following the 2006 Census of Population and Housing (for 31 December 2001 to 2005). Population data relate to 31 December, so that ERP at 31 December 2007 is used as the denominator for 2007-08.

(b) Response locations data for 2007-08 reflect changes in the new data definition, which do not include first responder locations.

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

Table 9A.28

Table 9A.28 **Cardiac Arrest Survived Event Rate (a)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic (b)</i>	<i>Qld</i>	<i>WA (c)</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust</i>
Adult cardiac arrests where resuscitation attempted (excluding paramedic witnessed)										
2005-06	no.	na	1 592	1 369	364	na	na	67	na	na
2006-07	no.	1875	1655	1505	380	633	na	59	53	na
2007-08	no.	2438	1702	1577	389	620	83	64	111	6 984
Survival incidents										
2005-06	no.	na	426	248	31	na	na	23	na	na
2006-07	no.	387	463	242	45	151	na	14	7	na
2007-08	no.	476	473	293	35	157	29	17	24	1 504
Survival rate										
2005-06	%	na	26.8	18.1	8.5	na	na	34.3	na	na
2006-07	%	20.6	28.0	16.1	11.8	23.9	na	23.7	13.2	na
2007-08	%	19.5	27.8	18.6	9.0	25.3	34.9	26.6	21.6	21.5
Adult VF/VT cardiac arrests (excluding paramedic witnessed)										
2005-06	no.	na	577	470	118	na	na	23	na	na
2006-07	no.	403	510	458	121	194	na	19	10	na
2007-08	no.	487	508	436	133	161	29	26	31	1 811
Survival incidents										
2005-06	no.	na	228	143	20	na	na	8	na	na
2006-07	no.	164	214	138	33	90	na	7	1	na
2007-08	no.	183	232	144	22	69	11	10	10	681
Survival rate										
2005-06	%	na	39.5	30.4	16.9	na	na	34.8	na	na
2006-07	%	40.7	42.0	30.1	27.3	46.4	na	36.8	10.0	na
2007-08	%	37.6	45.7	33.0	16.5	42.9	37.9	38.5	32.3	37.6

(a) Rates are the percentage of patients aged 16 years or over who were in out-of-hospital cardiac arrest (excluding paramedic witnessed) for: (1) all adult cardiac arrests where any chest compressions and/or defibrillation was undertaken by ambulance/EMS personnel, where the patient has a return of spontaneous circulation (ROSC) on arrival at hospital; and (2) adult VF/VT cardiac arrests (a further breakdown of cardiac arrest data) the arrest rhythm on the first ECG assessment was either Ventricular Fibrillation or Ventricular Tachycardia, where the patient has a ROSC on arrival at hospital. 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) WA: Data are provided for the capital city only.

(d) Tas: For 2007-08 VF/VT arrests is for two out of three regions only as no rhythm was recorded in the remaining region.

na Not available.

Source: State and Territory governments (unpublished).

Table 9A.29

Table 9A.29		Ambulance code 1 response times (minutes) (a)							
		NSW (b)	Vic (c)	Qld (d)	WA	SA (e)	Tas (f)	ACT	NT
Statewide 50th percentile									
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
2007-08		9.9	10.0	8.3	9.3	9.4	10.3	9.1	10.1
Statewide 90th percentile									
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
2007-08		19.9	19.0	16.7	16.6	15.7	22.4	16.2	23.5
Capital city 50th percentile									
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
2007-08		9.7	9.4	8.4	9.2	9.3	9.6	9.1	12.5
Capital city 90th percentile									
2001-02		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
2007-08		17.8	15.5	15.3	15.6	14.4	16.0	16.2	22.0
Urban centre (a)									
Population ('000)		3 641.4	3 371.9	1 676.4	1 256.0	1 040.7	128.6	322.0	66.3
Area (sq km)		1788.1	2152.8	1825.9	1035.2	754.5	125.1	297.7	78.5
Population per sq km		2036.4	1566.3	918.1	1213.3	1379.3	1028.0	1081.7	844.6

- (a) Response times commence from the following time points: Vic (RAV) receipt of call; Vic (MAS), SA and Tas first key stroke; NSW, Qld (QAS) and WA transfer to dispatch; and the NT crew dispatched. In 2007-08 the ACT response times commence from the first key stroke. Previous years' ACT response times commenced from incident creation, so ACT data across years are not directly comparable. Capital city response times are calculated using urban centre boundaries based on the ABS Urban Centres Localities structure. Urban centres are: Sydney, Melbourne, Brisbane, Perth, Adelaide, Hobart, Canberra-Queanbeyan (Canberra part) and Darwin. Response times for NSW and SA do not strictly adhere to the urban centre boundaries.
- (b) NSW: Did not triage emergency calls prior to 2005-06. 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 are incomplete for both 2003-04 and 2004-05 due to industrial action in the months of June and July 2004. The basis of response time reporting changed in 2007-08 and results are not directly comparable with previous years. Metropolitan data were previously sourced from patient care records completed by paramedics, but are now sourced from the computer aided dispatch system.

Table 9A.29

- (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 (CAD) 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 SA Ambulance CAD 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: The highest proportion of population is in small rural areas, relative to other jurisdictions, which increases average response times.

**np** Not published.

Source: ABS (2008 and unpublished) *Statistical Geography: Volume 3 — Australian Standard Geographical Classification (ASGC) Urban Centres Localities, 2006*, Cat. no. 2909.0, Canberra; State and Territory governments (unpublished).

Table 9A.30

Table 9A.30 Satisfaction with ambulance service organisations (a)

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
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	513	519	146	175	32	26	21	2 184
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 (est.) (c)	'000	762	526	547	153	179	40	21	25	2 253
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)	'000	801	579	601	161	192	46	25	27	2 432
Patients not surveyed (c)	'000	800	577	599	160	191	45	24	26	2 421

Table 9A.30

Table 9A.30 Satisfaction with ambulance service organisations (a)

	Unit	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
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)	no.	889	617	621	174	204	49	27	29	2 611
Patients not surveyed (c)	no.	888	615	620	172	203	48	26	28	2 599
Patients surveyed in 2008	no.	1 300	2 600	1 300	1 300	1 300	1 560	1 300	1 300	11 960
Usable responses	no.	350	1 136	479	389	590	701	458	236	4 339
Very satisfied or satisfied	%	96.0	98.0	99.0	96.0	98.0	98.0	96.0	96.0	98.0
Neither satisfied nor dissatisfied	%	2.0	1.0	–	2.0	1.0	–	1.0	2.0	1.0
Dissatisfied or very dissatisfied	%	2.0	1.0	1.0	2.0	1.0	2.0	3.0	2.0	1.0
Total patients (est.) (b)	'000	952	643	651	182	217	50	27	30	2 753
Patients not surveyed (c)	'000	951	640	650	181	216	48	26	29	2 741

(a) These results are from a survey distributed to code 1 and code 2 patients (Emergency and Urgent), per jurisdiction, per year.

(b) Total patients is equal to the sum of the number of patients transported plus the number treated and not transported, reported in table 9A.23.

(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.  
– Nil or rounded to zero.

Source: Council of Ambulance Authorities 2004-2008 National Patient Mailout Satisfaction Research, Adelaide.

Table 9A.31

Table 9A.31 **Ambulance service costs (\$'000) (2007-08 dollars) (a)**

	NSW	Vic (b)	Qld	WA	SA	Tas (c)	ACT (d)	NT (e)	Total
2003-04									
Labour costs (f)									
Salaries and payments in the nature of salaries	303 427	220 813	208 968	35 847	73 260	16 180	12 154	8 220	878 870
Payroll tax	-	-	9 510	-	-	918	-	-	10 428
Capital costs									
Depreciation	17 560	16 769	22 173	4 602	8 070	1 385	387	712	71 658
User cost of capital (g)									
Land	4 848	2 670	3 381	2 262	542	202	175	25	14 105
Other assets	10 966	11 376	16 940	2 807	2 626	1 580	66	524	46 885
Other costs	112 819	118 310	85 943	35 795	22 735	6 080	4 116	2 791	388 589
Interest on borrowings	269	-	338	-	-	-	-	2	609
<b>Total costs (h)</b>	<b>444 772</b>	<b>367 268</b>	<b>334 024</b>	<b>79 052</b>	<b>106 691</b>	<b>25 225</b>	<b>16 723</b>	<b>12 247</b>	<b>1 386 002</b>
2004-05									
Labour costs (f)									
Salaries and payments in the nature of salaries	310 055	237 307	220 548	37 642	77 353	19 471	14 946	7 910	925 232
Payroll tax	na	9 817	10 510	-	-	1 103	-	-	21 430
Capital costs									
Depreciation	16 385	18 210	22 581	4 924	8 058	2 315	525	648	73 646
User cost of capital (g)									
Land	4 686	2 584	4 111	2 495	523	204	280	24	14 908
Other assets	10 201	12 832	18 240	3 176	3 024	1 186	977	610	50 245
Other costs	114 543	121 330	70 994	37 064	29 095	10 333	5 675	2 885	391 919
Interest on borrowings	209	-	260	-	-	-	-	17	486
<b>Total costs (h)</b>	<b>451 184</b>	<b>389 679</b>	<b>332 363</b>	<b>82 805</b>	<b>117 530</b>	<b>33 306</b>	<b>22 123</b>	<b>12 053</b>	<b>1 441 042</b>

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Table 9A.31

## Table 9A.31 Ambulance service costs (\$'000) (2007-08 dollars) (a)

	NSW	Vic (b)	Qld	WA	SA	Tas (c)	ACT (d)	NT (e)	Total
2005-06									
Labour costs (f)									
Salaries and payments in the nature of salaries	322 504	268 420	228 988	41 409	74 017	20 097	13 537	9 504	978 475
Payroll tax	-	11 927	10 639	-	-	1 152	-	-	23 718
Capital costs									
Depreciation	15 654	19 291	22 841	5 775	8 240	2 116	364	610	74 891
User cost of capital (g)									
Land	5 241	3 720	4 376	2 384	577	195	227	23	16 743
Other assets	13 108	14 076	20 320	4 033	3 503	839	1 262	722	57 862
Other costs	124 410	128 844	76 063	32 845	28 053	9 733	7 036	3 186	410 171
Interest on borrowings	117	-	360	-	-	-	-	19	495
<b>Total costs (h)</b>	<b>475 676</b>	<b>430 631</b>	<b>348 212</b>	<b>84 062</b>	<b>113 814</b>	<b>32 784</b>	<b>22 198</b>	<b>14 022</b>	<b>1 521 399</b>
2006-07									
Labour costs (f)									
Salaries and payments in the nature of salaries	324 830	273 523	239 182	42 804	83 414	20 985	12 014	10 229	1 006 981
Payroll tax	-	-	9 539	na	-	1 283	-	-	10 822
Capital costs									
Depreciation	15 875	19 889	26 560	7 804	8 045	1 186	555	574	80 489
User cost of capital (g)									
Land	5 011	3 760	6 480	3 711	768	180	293	22	20 226
Other assets	12 378	15 971	21 767	1 788	3 657	858	677	821	57 917
Other costs	143 376	137 738	87 600	40 667	31 447	10 498	8 052	3 339	462 716
Interest on borrowings	2	-	219	-	-	-	-	-	221
<b>Total costs (h)</b>	<b>496 459</b>	<b>447 120</b>	<b>375 109</b>	<b>93 063</b>	<b>126 563</b>	<b>33 528</b>	<b>21 298</b>	<b>14 963</b>	<b>1 608 102</b>

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Table 9A.31

Table 9A.31 **Ambulance service costs (\$'000) (2007-08 dollars) (a)**

	NSW	Vic (b)	Qld	WA	SA	Tas (c)	ACT (d)	NT (e)	Total
2007-08									
Labour costs (f)									
Salaries and payments in the nature of salaries	356 609	290 692	259 785	51 076	96 086	23 092	12 892	12 690	1 102 922
Payroll tax	-	-	10 921	-	-	1 454	-	-	12 375
Capital costs									
Depreciation	22 123	19 345	26 901	8 920	8 565	1 771	471	747	88 843
User cost of capital (g)									
Land	4 672	3 956	6 213	737	989	166	332	21	17 086
Other assets	11 524	14 887	22 666	4 855	3 624	1 023	675	842	60 096
Other costs	162 156	142 643	88 604	40 013	38 840	10 197	8 192	4 002	494 647
Interest on borrowings	-	-	132	-	-	-	-	-	132
<b>Total costs (h)</b>	<b>552 412</b>	<b>467 567</b>	<b>397 956</b>	<b>104 864</b>	<b>147 115</b>	<b>36 083</b>	<b>22 230</b>	<b>18 281</b>	<b>1 746 508</b>

(a) Cost levels are adjusted using the Australian Bureau of Statistics (ABS) GDP price deflator 2007-08 = 100 (table AA.26) to arrive at a constant price measure.

(b) Vic: From 1 July 2006 Victorian Metropolitan Ambulance Service (MAS) was exempt from payroll tax.

(c) 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.

(d) 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.

(e) NT: All property holding assets are held under a separate entity to St John Ambulance NT.

(f) Payroll tax is excluded from labour costs.

(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.40.

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

Table 9A.31

**Table 9A.31 Ambulance service costs (\$'000) (2007-08 dollars) (a)**

	NSW	Vic (b)	Qld	WA	SA	Tas (c)	ACT (d)	NT (e)	Total
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na Not available. – Nil or rounded to zero.

Source: State and Territory governments (unpublished).

Table 9A.32

**Table 9A.32 Ambulance service organisations' expenditure per person  
(2007-08 dollars) (a), (b)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT (c)</i>	<i>NT</i>	<i>Aust</i>
2003-04										
Total	\$m	444.8	367.3	334.0	79.1	106.7	25.2	16.7	12.2	1 386.0
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.0
Per person	\$	66.50	74.16	86.60	40.17	69.45	52.47	51.29	61.05	69.26
2004-05										
Total	\$m	451.2	389.7	332.4	82.8	117.5	33.3	22.1	12.1	1 441.0
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.3
Per person	\$	67.05	77.72	84.23	41.43	76.05	68.72	67.42	59.14	71.16
2005-06										
Total	\$m	475.7	430.6	348.2	84.1	113.8	32.8	22.2	14.0	1 521.4
Population	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.5
Per person	\$	70.09	84.68	86.11	41.26	72.99	67.11	66.79	67.28	74.06
2006-07										
Total	\$m	496.5	447.1	375.1	93.1	126.6	33.5	21.3	15.0	1 608.1
Population	m	6.9	5.2	4.1	2.1	1.6	0.5	0.3	0.2	20.9
Per person	\$	72.42	86.56	90.78	44.72	80.32	68.19	63.30	70.39	77.12
2007-08										
Total	\$m	552.4	467.6	398.0	104.9	147.1	36.1	22.2	18.3	1 746.5
Population	m	6.9	5.2	4.2	2.1	1.6	0.5	0.3	0.2	21.2
Per person	\$	79.75	89.13	94.12	49.21	92.41	72.78	65.23	84.03	82.46

- (a) Non-government revenue is now termed other revenue because some items in this category (for example, Veterans' Affairs) are not strictly non-government. Data have been adjusted to 2007-08 dollars using the gross domestic product (GDP) price deflator (2007-08 = 100) (table AA.26).
- (b) Historical rates in this table may differ from those in previous Reports, as historical population data have been revised using Final Rebased Estimated Resident Population (ERP) data following the 2006 Census of Population and Housing (for 31 December 2001 to 2005). Population data relate to 31 December, so that ERP at 31 December 2007 is used as the denominator for 2007-08.
- (c) ACT: Ambulance Service data for 2005-06 and later years have 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 and later years cannot be directly compared with those of previous years.

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

Table 9A.33

**Table 9A.33 Ambulance service organisations' revenue per person  
(2007-08 dollars) (a), (b)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (c)</i>
<b>Total government grants</b>										
2003-04										
Total	\$m	322.0	217.2	268.5	16.2	51.9	19.0	12.8	8.4	916.2
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.0
Per person	\$	48.14	43.87	69.61	8.26	33.79	39.57	39.41	41.75	45.78
2004-05										
Total	\$m	335.3	254.7	267.9	22.0	56.9	22.7	16.6	10.5	986.7
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.3
Per person	\$	49.83	50.81	67.90	11.02	36.83	46.93	50.46	51.47	48.72
2005-06										
Total	\$m	348.6	271.0	279.2	37.0	56.4	25.7	20.1	11.0	1 049.3
Population	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.5
Per person	\$	51.37	53.29	69.04	18.15	36.20	52.61	60.58	52.83	51.08
2006-07										
Total	\$m	351.7	255.4	302.0	36.2	57.0	27.7	15.4	12.0	1 057.3
Population	m	6.9	5.2	4.1	2.1	1.6	0.5	0.3	0.2	20.9
Per person	\$	51.31	49.44	73.09	17.37	36.15	56.34	45.65	56.63	50.70
2007-08										
Total	\$m	383.9	270.9	322.6	35.9	66.3	28.2	16.9	12.7	1 137.4
Population	m	6.9	5.2	4.2	2.1	1.6	0.5	0.3	0.2	21.2
Per person	\$	55.42	51.63	76.30	16.85	41.66	56.81	49.48	58.29	53.70
<b>Indirect government revenue</b>										
2003-04										
Total	\$m	–	5.5	–	–	–	–	9.0	–	14.5
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.0
Per person	\$	–	1.11	–	–	–	–	27.58	–	0.73
2004-05										
Total	\$m	–	6.6	–	–	–	–	–	–	6.6
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.3
Per person	\$	–	1.31	–	–	–	–	–	–	0.33
2005-06										
Total	\$m	–	5.5	–	–	–	–	–	–	5.5
Population	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.5
Per person	\$	–	1.08	–	–	–	–	–	–	0.27
2006-07										
Total	\$m	–	2.3	–	–	–	–	–	–	2.3
Population	m	6.9	5.2	4.1	2.1	1.6	0.5	0.3	0.2	20.9
Per person	\$	–	0.44	–	–	–	–	–	–	0.11

Table 9A.33

**Table 9A.33 Ambulance service organisations' revenue per person  
(2007-08 dollars) (a), (b)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (c)</i>
<b>2007-08</b>										
Total	\$m	–	4.9	–	–	–	–	–	–	4.9
Population	m	6.9	5.2	4.2	2.1	1.6	0.5	0.3	0.2	21.2
Per person	\$	–	0.93	–	–	–	–	–	–	0.23
<b>Other revenue (d)</b>										
<b>2003-04</b>										
Total	\$m	9.8	87.2	12.9	21.2	20.1	0.4	1.1	4.0	156.7
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.0
Per person	\$	1.47	17.60	3.35	10.77	13.11	0.87	3.27	19.84	7.83
<b>2004-05</b>										
Total	\$m	12.3	89.4	14.0	24.6	23.5	0.2	0.1	4.7	168.9
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.3
Per person	\$	1.83	17.84	3.55	12.28	15.21	0.49	0.36	23.21	8.34
<b>2005-06</b>										
Total	\$m	16.7	93.9	15.4	26.8	22.7	0.5	0.1	4.6	180.6
Population	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.5
Per person	\$	2.46	18.46	3.80	13.18	14.53	1.04	0.38	21.89	8.79
<b>2006-07</b>										
Total	\$m	11.1	100.6	17.5	27.4	22.6	0.3	0.2	4.6	184.2
Population	m	6.9	5.2	4.1	2.1	1.6	0.5	0.3	0.2	20.9
Per person	\$	1.61	19.47	4.23	13.18	14.33	0.61	0.59	21.65	8.84
<b>2007-08</b>										
Total	\$m	9.8	102.5	17.0	31.3	22.8	0.7	0.1	5.3	189.6
Population	m	6.9	5.2	4.2	2.1	1.6	0.5	0.3	0.2	21.2
Per person	\$	1.42	19.55	4.03	14.70	14.31	1.32	0.40	24.31	8.95
<b>Total transport fees</b>										
<b>2003-04</b>										
Total	\$m	83.7	73.8	57.1	54.5	38.8	3.7	1.5	1.3	314.7
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.0
Per person	\$	12.52	14.91	14.81	27.71	25.28	7.77	4.73	6.63	15.72
<b>2004-05</b>										
Total	\$m	83.2	76.4	59.1	59.3	41.2	4.1	1.7	1.9	326.9
Population	m	6.7	5.0	3.9	2.0	1.5	0.5	0.3	0.2	20.3
Per person	\$	12.36	15.23	14.99	29.65	26.64	8.51	5.09	9.49	16.14
<b>2005-06</b>										
Total	\$m	98.8	84.1	63.3	43.8	42.8	3.1	1.1	1.8	338.7
Population	m	6.8	5.1	4.0	2.0	1.6	0.5	0.3	0.2	20.5
Per person	\$	14.56	16.55	15.65	21.48	27.42	6.37	3.30	8.45	16.49

**Table 9A.33 Ambulance service organisations' revenue per person  
(2007-08 dollars) (a), (b)**

	<i>Unit</i>	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>	<i>Aust (c)</i>
2006-07										
Total	\$m	122.6	87.2	65.3	48.2	45.2	3.4	4.1	1.8	377.8
Population	m	6.9	5.2	4.1	2.1	1.6	0.5	0.3	0.2	20.9
Per person	\$	17.89	16.88	15.81	23.14	28.70	6.97	12.13	8.24	18.12
2007-08										
Total	\$m	147.1	89.8	70.2	51.7	48.7	4.4	4.3	1.8	418.0
Population	m	6.9	5.2	4.2	2.1	1.6	0.5	0.3	0.2	21.2
Per person	\$	21.24	17.11	16.60	24.25	30.57	8.90	12.74	8.35	19.74

- (a) Data have been adjusted to 2007-08 dollars using the gross domestic product (GDP) price deflator (2007-08 = 100) (table AA.26).
- (b) Historical rates in this table may differ from those in previous Reports, as historical population data have been revised using Final Rebased Estimated Resident Population (ERP) data following the 2006 Census of Population and Housing (for 31 December 2001 to 2005). Population data relate to 31 December, so that ERP at 31 December 2007 is used as the denominator for 2007-08.
- (c) Totals may not add as a result of rounding.
- (d) Other revenue is equal to the sum of subscriptions, donations and miscellaneous revenue.

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

# All jurisdictions — contextual and other information

Table 9A.34

Table 9A.34 **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	Ambulance Service	Fire and Rescue Service Local Government Bush Fire Brigades	Country Fire Service Ambulance Service	Ambulance Service	Ambulance Rural Fire Service	St John Ambulance TES
Coverage	Complete Statewide	SES Police Rural Ambulance Victoria	Complete Statewide	SES Complete Statewide	SES Police Complete Statewide	Complete Statewide for each service	SES Complete Territorywide	Police Complete Darwin emergency response area

(a) NSW: A computer aided dispatch (CAD) 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.)

(c) Qld: A new single state-wide CAD system is being rolled out across all ambulance and fire communication centres, replacing old CAD systems.



Table 9A.34

**Table 9A.34 Communications and dispatching systems**

	NSW (a)	Vic (b)	Qld (c)	WA	SA	Tas (d)	ACT (e)	NT
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(d) Tas: The CAD system is routinely upgraded to enhance service delivery by taking advantage of a range of technological innovations.

(e) ACT: Common CAD system.

Source: State and Territory governments (unpublished).

Table 9A.35

**Table 9A.35 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	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. MOUs between the ESA and other government agencies, both ACT and NSW.	Implementation of hazard reduction plans	Bushfire risk management studies in the Hobart Region and Faulkner (Tas); the Great Lakes, Baulkham Hills and Lake Macquarie/ Newcastle (NSW); and Caboolture (Qld) which are funded in part under the Natural Disaster Risk Management Studies Program

Table 9A.35

Table 9A.35 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.35

**Table 9A.35 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 fire education programs	Community fire safe programs; community fireguard fire safety education for junior and primary schools	Specific fire safety programs for at-risk sectors of domestic and business community	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	Community fire awareness programs	Development and distribution of school education teaching resources, television programs, videotapes, maps and bushfire action guides by EMA

Table 9A.35

Table 9A.35 Selected fire risk management/mitigation strategies (a)

	NSW (b)	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
Smoke alarm legislation	Mandatory legislation for new homes or homes undergoing major renovations. Legislation making smoke alarms mandatory in all homes was introduced on May 1 2006.	Mandatory for all homes supported by public awareness campaigns	Mandatory legislation for hard wired smoke alarm installation in all new households and homes undergoing major renovations	Mandatory legislation for hard wired smoke alarm installation in all new households and homes undergoing major renovations	Legislation mandates hard wired smoke alarms in all new households and in all households undergoing major renovations	Partnerships with agencies with similar objectives	Mandatory legislation for new homes or homes undergoing major renovations	School education programs  Hazard abatement programs	Enhancement of Disaster Education in Schools in EMA website

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

(b) 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.

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

Table 9A.36

Table 9A.36 **Prevention activities of fire service organisations**

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

Source: State and Territory governments (unpublished).

Table 9A.37 Delivery and scope of activity of primary fire service organisations (a)

	NSW	Vic (b)	Qld	WA (c)	SA	Tas	ACT	NT (d)
<b>Urban (a)</b>	<i>NSW Fire Brigades:</i> government department reports to the Minister for Emergency Services directly.	<i>Metropolitan Fire and Emergency Services Board:</i> statutory authority reports to the Minister for Police and Emergency Services.	See Urban and rural.	See Urban and rural.	See Urban and rural.	See Urban and rural.	See Urban and rural.	<i>NT Fire and Rescue Service:</i> branch of the Department of Police, Fire and Emergency Services. The Director of Fire and Rescue Services and Emergency Services reports to the Chief Executive Officer for Police, Fire and Emergency Services, who reports to the Minister for Police, Fire and Emergency Services.
<b>Rural (a)</b>	<i>NSW Rural Fire Service:</i> government department reports to the Minister for Emergency Services directly.	<i>Department of Sustainability and Environment:</i> government department responsible for public lands.	See Urban and rural.	See Urban and rural.	See Urban and rural.	See Urban and rural.	See Urban and rural.	<i>Bushfires NT</i> — this is a division of the Department of Natural Resources Environment and the Arts (NEAT). The Chief Fire Control Officer reports to the CEO of NEAT who reports directly to the Minister.
<b>Urban and rural (a)</b>		<i>Country Fire Authority:</i> statutory authority reports to the Minister for Police and Emergency Services.	<i>Queensland Fire and Rescue Service</i> — this service, incorporating the Rural Fire Service, is a division of the Department of Emergency Services, reporting to the Director-General, who reports to the Minister for Emergency Services.	<i>Fire and Emergency Services Authority of WA (FESA):</i> umbrella statutory authority reports to the Minister for Police and Emergency Services directly.	<i>South Australian Metropolitan Fire Service:</i> body corporate reports to the SA Fire and Emergency Services Commission. South Australian Country Fire Service: body corporate reports to the SA Fire and Emergency Services Commission.	<i>Tasmania Fire Service:</i> operational arm of the State Fire Commission, reports to the Minister for Police and Emergency Management.	<i>ACT Fire Brigade and ACT Rural Fire Service:</i> services of the ACT Emergency Services Agency within the Department of Justice and Community Safety, together report to the ACT Minister for Police and Emergency Services.	

Table 9A.37

Table 9A.37 Delivery and scope of activity of primary fire service organisations (a)

	NSW	Vic (b)	Qld	WA (c)	SA	Tas	ACT	NT (d)
Urban and rural (a) cont.					South Australian Country Fire Service: body corporate reports to the SA Fire and Emergency Services Commission.			

(a) Excludes brigades employed by large scale public and private land managers; port, mining and other infrastructure brigades; and land management departments and brigades operating under Australian jurisdiction (for example, airport and defence installations). Urban FSOs: attend residential and commercial structure fires; incidents involving hazardous materials; and road accidents within major urban centres. Rural FSOs: attend local structure fires and other events outside major urban centres; rural non-structure fires (including crop, bushland and grassland fires on private property); and fires in national parks and State forests.

(b) Vic: The Metropolitan Fire and Emergency Services Board provides urban fire services coverage from the Melbourne Central Business District through to the middle and outer suburbs. The Country Fire Authority provides urban and rural fire services coverage for all parts of Victoria other than the Melbourne Metropolitan Fire District and public lands. This includes outer metropolitan Melbourne and regional centres.

(c) WA: As the primary fire and emergency service in WA, FESA includes the Fire and Rescue Career and Volunteer Service, Volunteer Bush Fire Service, Volunteer Emergency service Units and the Volunteer Marine Rescue Services in its Operational Division. Bush Fire Brigades are administered by local governments with fires in national parks and reserves the responsibility of the Department of Environment and Conservation.

(d) NT: Bushfires NT is primarily a land management organisation and responds only to grass fires and bushfires on land outside the Fire and Rescue Service response areas. The NT statistics in this chapter do not apply to Bushfires NT unless stated.

Source: State and Territory governments (unpublished).



Table 9A.38

Table 9A.38 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

Table 9A.38 **All activities of fire service organisations**

	<i>NSW</i>	<i>Vic</i>	<i>Qld</i>	<i>WA</i>	<i>SA</i>	<i>Tas</i>	<i>ACT</i>	<i>NT</i>
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.39

Table 9A.39 **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	✓	✓	✓	✓	✓	✓	X	✓
Earthquakes	✓ (a)	✓	✓	✓	✓	✓	✓ (a)	✓
Civil defence	✓	✓	✓	✓	✓	✓	✓	✓
Land search and rescue	✓ (a)	✓ (a)	✓ (a)	✓ (a)	✓	✓ (a)	✓ (a)	✓
Inland marine search and rescue	✓ (a)	✓ (a)	✓ (a)	✓ (a)	✓	✓ (a)	X	✓
Offshore marine search and rescue	X	✓ (a)	X	✓ (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)	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.40

Table 9A.40 Treatment of assets by emergency management agencies (a), (b), (c)

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

(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.

Table 9A.40

**Table 9A.40 Treatment of assets by emergency management agencies (a), (b), (c)**

	NSW	Vic	Qld (d)	WA	SA	Tas	ACT (e)	NT (f)
(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. Assets have been manually apportioned. Apportionment process varies from previous years.							
(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.							
	<b>na</b> Not available. .. Not applicable.							

Source: State and Territory governments.

Table 9A.41

Table 9A.41 Summary of emergency management organisations by event type, 2008 (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			Canberra Urban Parks and Places		
	Department of Environment and Climate Change	Airport Rescue and Firefighting Service	Local government assets	FESA Operations Division (support)			Department of Urban Services	Parks and Wildlife	Bureau of Meteorology
	NSW	Gas distribution companies	Qld Ambulance Service	WA Police Service					Australian Building Codes Board
Medical transport and emergencies	Ambulance Service of NSW	Metropolitan Ambulance Service	Qld Ambulance Service	St John Ambulance	SA Ambulance Service	Tasmania Ambulance Service	ACT Emergency Services Agency	St John Ambulance	Department of Transport and Regional Services
	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	Community Helicopters						

Table 9A.41

Table 9A.41 Summary of emergency management organisations by event type, 2008 (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
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	
	Ambulance Service of NSW	Victoria SES	Qld Ambulance Service		Country Fire Service				
	Volunteer Rescue Association		Qld Police Service						
Rescues (other)	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 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							
		Building Control Commissioner							

Table 9A.41

Table 9A.41 Summary of emergency management organisations by event type, 2008 (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
Natural events	State Emergency Service	Victoria State Emergency Service	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 Police	Qld State Emergency Service	FESA Operations Division (support)		Department of Police and Public Safety	Australian Federal Police ACT Fire Brigade	NT Police	Department of Transport and Regional Services
	NSW Fire Brigades	Melbourne Fire and Emergency Services Board	Qld Fire and Rescue Service	WA Police Service		Tasmania Fire Service	ACT Emergency Service	NT Fire and Rescue Service	Geoscience Australia
	Ambulance Service of NSW	Country Fire Authority	Qld Police Service	Department for Community Development		Tasmanian Ambulance Service	Department of Urban Service	Parks and Wildlife	Bureau of Meteorology
	Volunteer Rescue Association	Municipal councils	Qld Ambulance Service	Department of Mineral and Petroleum Resources		Local government authorities	ACT Ambulance Service	Local Councils	Defence
Natural events (continued)	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
	Department of Primary Industry	Department of Families	Department of Health	Department of Health		Department of Primary Industries, Water and Environment			
	Department of Environment and Climate Change NSW		Water Corporation						
	Ministry of Transport			Department for Planning and Infrastructure					
	Department of Premier and Cabinet								
	NSW Treasury								
	Department of Community Services								



Table 9A.41

Table 9A.41 Summary of emergency management organisations by event type, 2008 (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
Natural events (continued)	Mines Rescue Service								
	NSW Health								
	Red Cross								
	St. Vincent De Paul								
	Seventh Day Adventist								
	Salvation Army								
	Local government authorities								
	NSW Rural Fire Service								
	NSW Fire Brigades	Melbourne Fire and Emergency Services Board	Qld Fire and Rescue Service	FESA Operations Division	SDP Functional Services	DPIWE (Environmental and Pollution Control)	ACT Fire Brigade	NT Fire and Rescue Service	Australian Maritime Safety Authority
	NSW Rural Fire Service	Country Fire Authority	Chemical Hazards Unit	WA Police Service	SA Ambulance Service		Australian Federal Police	NT Police	Department of Transport and Regional Services
Department of Environment and Climate Change NSW	Victoria Police	Qld Transport	Industry Emergency Response Groups		SES	Environment Protection Authority	Territory Health Service	Emergency Management Australia	
NSW Police Force	Metropolitan Ambulance Service	Qld Health	Department of Industry and Resources		Local government	ACT Health and Community Care	St John Ambulance	Airservices Australia	
Ambulance Service of NSW	Rural Ambulance Victoria	Qld Ambulance Service	St John Ambulance		Department of Police and Public Safety		MBT	Civil Aviation Safety Authority	

Table 9A.41

Table 9A.41 Summary of emergency management organisations by event type, 2008 (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
Technological and hazardous material incidents (continued)	NSW Health National Oil Spill Committee Port Corporations Oil Companies	Department of Human Services Vic Workcover Authority Environmental Protection Authority Marine Board	Qld Police Service	Department of Environment and Conservation Department of Health Water Corporation Alinta Gas		Tasmania Fire Service Tasmania SES Tasmanian Ambulance Service Department of Primary Industries, Water and Environment		NT TES Work Health Authority	Australian Transport Safety Bureau Defence
	Department of Environment and Climate Change NSW	(Vic Channels, Local Ports Operators) Department of Sustainability and Environment Parks Victoria		Port Authorities Department of Environment and Conservation Department of Planning and Infrastructure		Department of Health and Human Services Department of Infrastructure, Energy and Resources Local government authorities			

Table 9A.41 Summary of emergency management organisations by event type, 2008 (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
Quarantine and disease control	NSW Health	Department of Sustainability and Environment	Department of Primary Industries	Department of Health	SDP Functional Services	Department of Primary Industries, Water and Environment (Quarantine)	ACT Health and Community Care	NT Emergency Service	Department of Health and Aging
	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)	FESA Operations Division			Transport and Works Department	Emergency Management Australia	
	Department of Environment and Climate Change							Department of Primary Industry and Fisheries	Agriculture, Fisheries and Forestry Australia
	NSW Fire Brigades		Local government					Department of Foreign Affairs and Trade	Department of Foreign Affairs and Trade
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	Charity organisations	Emergency Management Australia
	Department of Premier and Cabinet	Victoria Police	Qld Health	Local governments		Tasmania SES		Red Cross	
	NSW Treasury								

Table 9A.41 Summary of emergency management organisations by event type, 2008 (a), (b)

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aus Gov
Emergency relief and recovery (continued)	NSW Health Department of Primary Industry	Department of Sustainability and Environment (Agriculture)	Department of Environment (Agriculture)	Insurance Council of Australia FESA Operations Division (support)					
	Red Cross St. Vincent De Paul								
	Department of Transport Department of Education	Vic Roads Utility companies		Department of Treasury and Department of Agriculture Department of Environment and Conservation, Catchment and Water Protection					
	Community Relations Commission Salvation Army Seventh Day Adventist			Department of Mineral and Petroleum Department of 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.

(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.42

**Table 9A.42 Reported fires and other primary incidents, urban and rural inclusions and exclusions, 2007-08**

<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.13	Response times to structure fires	✓	✓	X	✓	✓	✓	✓	X
9A.14	Structure fires and response times to structure fires across geographic areas	✓	✓	X	✓	✓	✓	✓	X
9A.15	Structure fires confined to the room of origin (per cent)	X	✓	X	✓	X	✓	✓	X
9A.40	Top 5 Ignition factors	✓	✓	X	✓	✓	✓	✓	X
9.3	Hazardous materials incidents attended by fire service organisations	✓	✓	X	✓	✓	✓	✓	X

Source: State and Territory Governments (unpublished).

Table 9A.43

Table 9A.43 Top five fire ignition factors, structure fires, 2007-08

	NSW	Vic	Qld	WA	SA	Tas	ACT	NT	Aust
<b>Structure fires (no.)</b>	<b>7 179</b>	<b>6 391</b>	<b>2 795</b>	<b>1 538</b>	<b>1 544</b>	<b>639</b>	<b>246</b>	<b>170</b>	<b>20 502</b>
Top one	Undetermined or not reported (22.1%)	Other (22.3%)	Undetermined or not reported (31.4%)	Undetermined or not reported (21.6%)	Undetermined or not reported (43.2%)	Other (21.0%)	Suspicious (26.4%)	Undetermined or not reported (40.6%)	Undetermined or not reported (21.6%)
Two	Other (19.2%)	Unattended heat sources (17.8%)	Other (18.8%)	Other (19.6%)	Other (28.2%)	Unattended heat sources (19.1%)	Other (24.4%)	Other (20.6%)	Other (20.9%)
Three	Unattended heat sources (19.0%)	Short-circuit, ground fault and other electrical failure (12.9%)	Unattended heat sources (11.9%)	Suspicious (11.7%)	Suspicious (12.0%)	Incendiary (15.0%)	Unattended heat sources (11.4%)	Short-circuit, ground fault and other electrical failure (10.0%)	Unattended heat sources (15.3%)
Four	Short-circuit, ground fault and other electrical failure (8.6%)	Undetermined or not reported (12.4%)	Short-circuit, ground fault and other electrical failure (8.3%)	Short-circuit, ground fault and other electrical failure (9.6%)	Short-circuit, ground fault and other electrical failure (8.9%)	Undetermined or not reported (14.1%)	Abandoned, discarded material including discarded cigarettes (10.2%)	Suspicious (7.1%)	Short-circuit, ground fault and other electrical failure (10.0%)
Five	Suspicious (7.4%)	Suspicious (10.7%)	Incendiary (5.0%)	Unattended heat sources (8.9%)	Abandoned, discarded material including discarded cigarettes (3.3%)	Failure to clean (8.3%)	Short-circuit, ground fault and other electrical failure (4.5%)	Abandoned, discarded material including discarded cigarettes (4.7%)	Suspicious (8.7%)

Source: State and Territory Governments (unpublished).