

# Appendix: ED time performance measures by peer group

Appendix table 1b: Waiting times to treatment (minutes) for NSW emergency departments, by peer group, October to December 2012

	Triage 2		Triage 3		Triage 4		Triage 5	
	Median time to start treatment	95th percentile time to start treatment	Median time to start treatment	95th percentile time to start treatment	Median time to start treatment	95th percentile time to start treatment	Median time to start treatment	95th percentile time to start treatment
<b>New South Wales</b>								
Total New South Wales	8	33	21	111	29	156	27	149
<b>A1 peer group: Principal referral</b>								
Bankstown / Lidcombe Hospital	8	28	23	144	28	132	29	132
Concord Hospital	7	16	17	68	23	121	20	116
Gosford Hospital	7	30	21	102	41	178	35	188
John Hunter Hospital	6	28	20	108	29	166	33	176
Liverpool Hospital	8	38	20	126	27	157	27	155
Nepean Hospital	6	35	19	108	18	108	19	129
Prince of Wales Hospital	8	32	23	113	21	133	24	145
Royal North Shore Hospital	7	22	20	88	29	127	33	141
Royal Prince Alfred Hospital	12	49	35	173	50	206	52	210
St George Hospital	11	38	27	101	37	145	34	176
St Vincent's Hospital, Darlinghurst	5	25	16	105	15	152	11	148
Westmead Hospital	8	62	31	235	46	209	48	193
Wollongong Hospital	9	31	27	131	38	203	35	183
Total A1 peer group	8	37	23	130	30	162	30	164
<b>A2 peer group: Paediatric specialist</b>								
Sydney Children's Hospital	8	27	21	61	36	152	39	126
The Children's Hospital at Westmead	5	20	25	105	42	252	85	*
Total A2 peer group	6	25	23	94	39	208	43	162
<b>A3 peer group: Ungrouped acute – tertiary referral</b>								
Calvary Mater Newcastle	8	36	21	88	29	138	30	147
Sydney Eye Hospital	*	*	13	27	20	52	24	78
Sydney Hospital	9	*	18	54	24	92	25	120
Total A3 peer group	8	34	19	77	24	112	26	117
<b>B peer group: Major</b>								
Auburn Hospital	9	41	25	110	39	195	21	133
Blacktown Hospital	6	12	30	173	41	191	29	169
Campbelltown Hospital	8	28	18	125	31	173	31	154
Canterbury Hospital	8	32	29	150	39	181	29	152
Coffs Harbour Base Hospital	8	19	20	102	29	165	31	159
Dubbo Base Hospital	8	30	21	97	23	168	18	143
Fairfield Hospital	9	28	20	55	25	136	23	146
Hornsby and Ku-Ring-Gai Hospital	5	10	18	90	25	127	24	136

	Triage 2		Triage 3		Triage 4		Triage 5	
	Median time to start treatment	95th percentile time to start treatment	Median time to start treatment	95th percentile time to start treatment	Median time to start treatment	95th percentile time to start treatment	Median time to start treatment	95th percentile time to start treatment
Lismore Base Hospital	7	28	26	127	54	204	60	204
Maitland Hospital	9	35	25	120	39	172	48	183
Manly District Hospital	7	23	15	61	18	101	19	115
Manning Base Hospital	7	29	19	109	27	167	25	172
Mona Vale and District Hospital	6	20	17	71	22	113	18	129
Orange Health Service	6	25	19	75	26	123	26	143
Port Macquarie Base Hospital	9	29	21	82	25	125	25	118
Shoalhaven and District Memorial Hospital	10	32	26	117	34	183	29	147
Sutherland Hospital	11	36	26	83	30	95	30	110
Tamworth Base Hospital	8	36	21	101	35	180	39	161
The Tweed Hospital	7	26	21	84	22	109	21	102
Wagga Wagga Base Hospital	7	33	17	80	26	152	16	137
Wyong Hospital	8	40	17	96	30	144	30	144
<b>Total B peer group</b>	<b>8</b>	<b>29</b>	<b>21</b>	<b>105</b>	<b>30</b>	<b>157</b>	<b>28</b>	<b>150</b>

<b>C1 peer group: District group 1</b>								
Armidale and New England Hospital	8	34	18	91	31	135	20	138
Bathurst Base Hospital	9	32	17	72	19	104	13	83
Bega Hospital	9	43	19	76	29	126	34	156
Belmont Hospital	8	25	21	93	30	142	36	168
Bowral and District Hospital	9	24	23	108	34	160	34	173
Broken Hill Base Hospital	10	44	24	74	30	116	35	161
Goulburn Base Hospital	11	53	32	126	49	194	28	145
Grafton Base Hospital	7	28	17	96	21	122	21	134
Griffith Base Hospital	5	31	15	83	20	124	25	159
Hawkesbury District Health Service	17	50	27	96	30	142	30	144
Mount Druitt Hospital	8	27	27	131	47	166	36	162
Murwillumbah District Hospital	5	13	13	45	19	87	21	113
Ryde Hospital	6	14	13	43	14	108	16	140
Shellharbour Hospital	9	34	24	104	30	178	25	164
<b>Total C1 peer group</b>	<b>8</b>	<b>35</b>	<b>20</b>	<b>97</b>	<b>27</b>	<b>140</b>	<b>28</b>	<b>152</b>

<b>C2 peer group: District group 2</b>								
Ballina District Hospital	7	30	19	88	32	169	23	164
Bateman's Bay District Hospital	9	47	25	112	40	169	40	178
Blue Mountains District Anzac Memorial Hospital	7	37	18	136	38	217	32	187
Bulli District Hospital	7	*	13	42	17	70	15	103
Camden Hospital	5	17	12	90	16	120	14	108
Casino and District Memorial Hospital	5	37	27	116	41	161	30	138
Cessnock District Hospital	5	28	19	77	30	113	33	114
Gunnedah District Hospital	5	*	15	56	26	105	15	107

	Triage 2		Triage 3		Triage 4		Triage 5	
	Median time to start treatment	95th percentile time to start treatment	Median time to start treatment	95th percentile time to start treatment	Median time to start treatment	95th percentile time to start treatment	Median time to start treatment	95th percentile time to start treatment
Inverell District Hospital	5	40	15	95	37	120	30	133
Kempsey Hospital	9	35	22	92	26	126	18	101
Kurri Kurri District Hospital	4	*	9	124	18	125	12	125
Lithgow Health Service	3	19	13	61	12	83	12	86
Macleay District Hospital	9	40	21	87	34	144	31	173
Milton and Ulladulla Hospital	5	24	19	81	29	122	32	114
Moree District Hospital	3	29	6	89	6	88	7	*
Moruya District Hospital	9	65	27	151	47	205	53	237
Muswellbrook District Hospital	3	36	12	83	18	104	15	86
Narrabri District Hospital	3	*	5	35	7	55	8	70
Singleton District Hospital	7	46	22	80	37	136	31	134
<b>Total C2 peer group</b>	<b>6</b>	<b>35</b>	<b>19</b>	<b>94</b>	<b>27</b>	<b>140</b>	<b>24</b>	<b>144</b>
<b>Other</b>								
Other	6	45	12	76	18	105	11	119
<b>Total Other</b>	<b>6</b>	<b>45</b>	<b>12</b>	<b>76</b>	<b>18</b>	<b>105</b>	<b>11</b>	<b>119</b>

(\*) Values suppressed due to small numbers and to protect privacy.

Source: Health Information Exchange, NSW Health. Data extracted on 25 January 2013.

Appendix table 2b: Activity, off-stretcher performance and presentation to leaving the ED performance for NSW emergency departments, by peer group, October to December 2012

	Attendances		Leaving the ED			Ambulance	
	Attendances used for calculation		Median time to leaving the ED	95th percentile time to leaving the ED	% leaving ED within 4 hours Target 69%	Ambulance arrivals	Off stretcher 90% in 30 min.
<b>New South Wales</b>							
Total New South Wales	579,776	579,743	3h 6m	11h 13m	64%	140,362	64%
<b>A1 peer group: Principal referral</b>							
Bankstown / Lidcombe Hospital	11,631	11,631	3h 57m	10h 30m	51%	4,115	57%
Concord Hospital	9,029	9,029	3h 14m	8h 10m	69%	2,441	62%
Gosford Hospital	14,728	14,728	4h 12m	11h 13m	47%	4,805	56%
John Hunter Hospital	17,745	17,745	3h 58m	11h 6m	51%	5,609	46%
Liverpool Hospital	17,754	17,753	4h 0m	13h 43m	50%	6,555	63%
Nepean Hospital	14,416	14,416	3h 56m	15h 40m	51%	4,477	78%
Prince of Wales Hospital	12,978	12,978	3h 22m	9h 37m	61%	3,627	62%
Royal North Shore Hospital	15,940	15,940	3h 54m	10h 56m	52%	4,408	55%
Royal Prince Alfred Hospital	17,800	17,800	4h 9m	10h 31m	48%	5,523	46%
St George Hospital	16,656	16,656	3h 46m	10h 44m	55%	5,117	58%
St Vincent's Hospital, Darlinghurst	11,198	11,198	3h 43m	17h 33m	54%	4,182	49%
Westmead Hospital	15,204	15,204	4h 28m	15h 59m	44%	5,523	49%
Wollongong Hospital	14,343	14,343	4h 5m	13h 27m	49%	5,177	71%
Total A1 peer group	189,422	189,421	3h 55m	12h 8m	52%	61,559	57%
<b>A2 peer group: Paediatric specialist</b>							
Sydney Children's Hospital	9,233	9,233	2h 27m	7h 42m	77%	696	91%
The Children's Hospital at Westmead	12,572	12,572	3h 27m	10h 48m	58%	1,205	89%
Total A2 peer group	21,805	21,805	2h 58m	9h 42m	66%	1,901	89%
<b>A3 peer group: Ungrouped acute – tertiary referral</b>							
Calvary Mater Newcastle	8,544	8,544	2h 39m	11h 32m	68%	2,565	44%
Sydney Eye Hospital	5,409	5,409	2h 23m	5h 12m	84%	29	83%
Sydney Hospital	4,595	4,595	1h 57m	5h 31m	86%	957	87%
Total A3 peer group	18,548	18,548	2h 22m	8h 8m	77%	3,551	56%
<b>B peer group: Major</b>							
Auburn Hospital	6,368	6,368	3h 25m	9h 43m	69%	1,460	63%
Blacktown Hospital	9,464	9,464	5h 17m	24h 52m	38%	3,204	45%
Campbelltown Hospital	14,719	14,713	3h 52m	17h 58m	56%	4,141	64%
Canterbury Hospital	9,283	9,274	3h 36m	10h 16m	59%	2,055	64%
Coffs Harbour Base Hospital	9,005	9,005	3h 19m	14h 20m	59%	2,324	66%
Dubbo Base Hospital	7,157	7,157	3h 29m	16h 15m	57%	1,731	78%
Fairfield Hospital	8,413	8,412	2h 45m	11h 44m	71%	1,808	66%
Hornsby and Ku-Ring-Gai Hospital	8,547	8,546	3h 21m	9h 12m	62%	2,157	87%
Lismore Base Hospital	7,741	7,741	4h 8m	17h 56m	49%	2,199	51%
Maitland Hospital	11,441	11,440	2h 59m	10h 3m	69%	2,216	43%

Attendances

Leaving the ED

Ambulance

		Attendances used for calculation	Median time to leaving the ED	95th percentile time to leaving the ED	% leaving ED within 4 hours Target 69%	Ambulance arrivals	Off stretcher 90% in 30 min.
Manly District Hospital	6,292	6,292	2h 46m	7h 16m	82%	1,432	91%
Manning Base Hospital	6,618	6,618	2h 36m	6h 35m	78%	1,973	58%
Mona Vale and District Hospital	8,091	8,091	2h 39m	10h 50m	71%	1,807	84%
Orange Health Service	7,027	7,027	2h 54m	15h 19m	65%	1,528	74%
Port Macquarie Base Hospital	7,445	7,445	3h 17m	15h 0m	58%	2,188	49%
Shoalhaven and District Memorial Hospital	9,365	9,365	2h 58m	10h 26m	66%	2,417	79%
Sutherland Hospital	12,237	12,237	3h 40m	10h 12m	56%	3,424	68%
Tamworth Base Hospital	10,360	10,360	2h 55m	9h 51m	67%	1,928	77%
The Tweed Hospital	10,735	10,735	2h 38m	9h 34m	70%	2,102	77%
Wagga Wagga Base Hospital	9,046	9,046	3h 17m	13h 46m	59%	2,281	52%
Wyong Hospital	15,209	15,209	3h 22m	11h 48m	58%	4,233	57%
<b>Total B peer group</b>	<b>194,563</b>	<b>194,545</b>	<b>3h 17m</b>	<b>12h 43m</b>	<b>62%</b>	<b>48,608</b>	<b>65%</b>

**C1 peer group: District group 1**

Armidale and New England Hospital	3,737	3,734	1h 32m	5h 19m	88%	740	94%
Bathurst Base Hospital	6,137	6,136	2h 19m	10h 29m	72%	973	81%
Bega Hospital	2,963	2,963	2h 12m	6h 34m	79%	593	86%
Belmont Hospital	6,456	6,455	2h 47m	9h 42m	67%	1,657	50%
Bowral and District Hospital	4,448	4,448	2h 37m	7h 36m	73%	933	87%
Broken Hill Base Hospital	6,226	6,226	1h 50m	6h 21m	83%	742	81%
Goulburn Base Hospital	4,494	4,494	2h 39m	8h 27m	69%	824	63%
Grafton Base Hospital	5,737	5,737	2h 54m	9h 49m	65%	864	75%
Griffith Base Hospital	4,813	4,813	2h 7m	6h 11m	82%	831	86%
Hawkesbury District Health Service	5,448	5,447	3h 47m	11h 36m	53%	1,141	43%
Mount Druitt Hospital	8,122	8,122	4h 23m	15h 29m	45%	2,137	65%
Murwillumbah District Hospital	4,166	4,166	1h 15m	4h 23m	93%	384	88%
Ryde Hospital	6,462	6,462	2h 50m	8h 14m	71%	1,903	83%
Shellharbour Hospital	6,821	6,821	3h 23m	13h 14m	57%	1,590	69%
<b>Total C1 peer group</b>	<b>76,030</b>	<b>76,024</b>	<b>2h 38m</b>	<b>9h 45m</b>	<b>69%</b>	<b>15,312</b>	<b>72%</b>

**C2 peer group: District group 2**

Ballina District Hospital	4,096	4,096	2h 13m	8h 10m	77%	703	79%
Bateman's Bay District Hospital	4,214	4,214	1h 48m	6h 50m	82%	530	93%
Blue Mountains District Anzac Memorial Hospital	4,487	4,487	2h 39m	8h 34m	72%	834	89%
Bulli District Hospital	1,977	1,977	0h 47m	3h 11m	97%	0	*
Camden Hospital	3,145	3,145	1h 39m	5h 24m	89%	0	*
Casino and District Memorial Hospital	3,617	3,617	1h 18m	4h 48m	92%	394	74%
Cessnock District Hospital	4,550	4,550	1h 14m	5h 30m	90%	465	65%
Gunnedah District Hospital	2,367	2,367	1h 1m	3h 40m	96%	204	98%
Inverell District Hospital	2,846	2,846	1h 20m	4h 26m	94%	451	95%

	Attendances		Leaving the ED			Ambulance	
	Attendances used for calculation	Attendances used for calculation	Median time to leaving the ED	95th percentile time to leaving the ED	% leaving ED within 4 hours Target 69%	Ambulance arrivals	Off stretcher 90% in 30 min.
Kempsey Hospital	5,572	5,572	2h 8m	8h 24m	78%	858	60%
Kurri Kurri District Hospital	1,772	1,772	0h 52m	4h 55m	92%	73	58%
Lithgow Health Service	3,432	3,432	1h 26m	6h 12m	86%	571	95%
Macleay District Hospital	2,938	2,938	2h 24m	7h 26m	76%	465	87%
Milton and Ulladulla Hospital	3,819	3,819	1h 36m	6h 3m	87%	461	70%
Moree District Hospital	2,293	2,293	0h 58m	5h 8m	92%	313	92%
Moruya District Hospital	2,753	2,753	2h 49m	9h 53m	66%	517	95%
Muswellbrook District Hospital	1,983	1,982	1h 18m	6h 40m	87%	390	73%
Narrabri District Hospital	1,416	1,416	1h 10m	3h 45m	97%	184	97%
Singleton District Hospital	3,121	3,121	1h 8m	3h 52m	96%	351	78%
<b>Total C2 peer group</b>	<b>60,398</b>	<b>60,397</b>	<b>1h 34m</b>	<b>6h 34m</b>	<b>85%</b>	<b>7,764</b>	<b>82%</b>
<b>Other</b>							
Other	19,010	19,003	1h 2m	5h 31m	91%	1,667	87%
<b>Total Other</b>	<b>19,010</b>	<b>19,003</b>	<b>1h 2m</b>	<b>5h 31m</b>	<b>91%</b>	<b>1,667</b>	<b>87%</b>

(\*) Values suppressed due to small numbers and to protect privacy. Suppressed data have been excluded from peer group totals.

**Note:** Emergency department activity includes 88 facilities for which electronic data are reported. These facilities account for approximately 85% of NSW emergency department activity.

**Source:** Health Information Exchange, NSW Health. Data extracted on 25 January 2013. Ambulance off-stretcher time data provided by the NSW Ambulance Service on 24 January 2013.