

# Appendix: ED time performance measures by peer group

Appendix table 1b: Waiting times to treatment (minutes) for NSW emergency departments, by peer group, January to March 2013

	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	32	21	109	28	156	27	151
<b>A1 peer group: Principal referral</b>								
Bankstown / Lidcombe Hospital	8	26	24	150	26	152	29	167
Concord Hospital	8	20	20	79	31	145	23	124
Gosford Hospital	7	31	23	124	45	190	46	208
John Hunter Hospital	6	32	22	121	33	190	37	198
Liverpool Hospital	9	38	21	143	30	169	25	142
Nepean Hospital	7	28	17	85	17	85	17	114
Prince of Wales Hospital	8	33	22	104	22	129	25	152
Royal North Shore Hospital	7	21	19	78	28	115	29	126
Royal Prince Alfred Hospital	12	43	34	166	47	196	43	159
St George Hospital	10	38	28	107	36	152	31	162
St Vincent's Hospital, Darlinghurst	6	26	16	95	16	119	10	127
Westmead Hospital	7	58	29	209	40	218	33	175
Wollongong Hospital	10	35	28	128	39	200	30	163
Total A1 peer group	8	35	23	130	30	166	28	160
<b>A2 peer group: Paediatric specialist</b>								
Sydney Children's Hospital	8	25	20	61	35	157	34	151
The Children's Hospital at Westmead	5	25	22	90	34	204	54	180
Total A2 peer group	6	25	21	79	34	181	38	162
<b>A3 peer group: ungrouped acute - tertiary referral</b>								
Calvary Mater Newcastle	8	32	20	88	27	142	30	164
Sydney Eye Hospital	*	*	12	29	21	51	25	83
Sydney Hospital	9	*	19	50	25	88	27	131
Total A3 peer group	8	32	19	79	24	114	27	121
<b>B peer group: Major</b>								
Auburn Hospital	9	36	26	95	42	211	26	147
Blacktown Hospital	6	11	24	138	31	146	30	145
Campbelltown Hospital	7	26	18	115	31	177	33	178
Canterbury Hospital	8	30	30	160	39	199	30	190
Coffs Harbour Base Hospital	7	13	16	65	19	127	19	132
Dubbo Base Hospital	9	36	21	105	21	162	15	132
Fairfield Hospital	9	20	20	41	24	131	22	145

	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
Hornsby and Ku-Ring-Gai Hospital	6	10	20	96	29	154	32	168
Lismore Base Hospital	6	25	24	130	51	204	58	206
Maitland Hospital	9	32	25	113	37	172	50	189
Manly District Hospital	7	25	13	55	15	101	13	113
Manning Base Hospital	7	21	19	108	28	165	26	170
Mona Vale and District Hospital	6	18	18	74	29	141	21	159
Orange Health Service	6	22	21	72	28	126	26	154
Port Macquarie Base Hospital	10	33	21	78	25	121	26	146
Shoalhaven and District Memorial Hospital	10	45	27	126	36	192	28	167
Sutherland Hospital	12	36	27	79	29	92	29	114
Tamworth Base Hospital	7	32	21	98	41	193	44	180
The Tweed Hospital	7	27	22	84	22	117	17	106
Wagga Wagga Base Hospital	7	31	18	90	25	156	14	147
Wyong Hospital	8	39	18	93	30	139	34	148
<b>Total B peer group</b>	<b>7</b>	<b>29</b>	<b>21</b>	<b>100</b>	<b>30</b>	<b>159</b>	<b>29</b>	<b>158</b>

C1 peer group: District group 1								
Armidale and New England Hospital	8	38	19	84	29	141	25	139
Bathurst Base Hospital	9	37	19	74	22	124	12	126
Bega District Hospital	8	59	18	79	28	126	33	160
Belmont Hospital	7	24	18	87	25	130	29	136
Bowral and District Hospital	9	23	21	84	29	140	30	146
Broken Hill Base Hospital	10	34	23	73	31	123	36	187
Goulburn Base Hospital	12	43	26	114	34	167	21	168
Grafton Base Hospital	7	26	18	87	24	141	25	124
Griffith Base Hospital	5	21	14	74	16	115	17	130
Hawkesbury District Health Service	15	45	24	72	26	98	28	119
Mount Druitt Hospital	7	24	26	140	43	171	37	161
Murwillumbah District Hospital	5	16	14	57	19	98	21	103
Ryde Hospital	5	11	13	48	14	101	14	123
Shellharbour Hospital	10	33	26	134	33	233	26	181
<b>Total C1 peer group</b>	<b>8</b>	<b>31</b>	<b>20</b>	<b>94</b>	<b>26</b>	<b>143</b>	<b>26</b>	<b>144</b>

C2 peer group: District group 2								
Ballina District Hospital	7	35	22	86	29	168	30	208
Bateman's Bay District Hospital	7	39	20	87	35	147	45	366
Blue Mountains District Anzac Memorial Hospital	7	39	20	134	43	194	36	185
Bulli District Hospital	8	*	18	83	17	82	18	112
Camden Hospital	5	20	12	70	14	106	14	95
Casino and District Memorial Hospital	4	24	28	103	36	150	30	155

	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
Cessnock District Hospital	5	21	18	60	28	103	31	109
Gunnedah District Hospital	5	*	13	79	30	118	16	121
Inverell District Hospital	3	40	15	85	35	125	34	140
Kempsey Hospital	8	39	19	91	21	130	18	123
Kurri Kurri District Hospital	4	*	8	50	15	98	10	104
Lithgow Health Service	4	22	13	77	14	97	11	98
Maclean District Hospital	8	34	17	66	25	122	26	149
Milton and Ulladulla Hospital	6	25	17	75	25	108	20	112
Moree District Hospital	2	23	5	39	5	68	6	*
Moruya District Hospital	9	30	23	100	36	165	36	232
Muswellbrook District Hospital	2	65	12	115	23	112	16	103
Narrabri District Hospital	3	*	5	35	6	55	7	69
Singleton District Hospital	9	31	23	88	37	123	31	124
Total C2 peer group	6	31	18	85	25	132	24	142
Other								
Other	5	42	14	77	19	116	14	117
Total Other	5	42	14	77	19	116	14	117

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

Source: NSW Health, *Health Information Exchange*. Data extracted on 19 April 2013.

Appendix table 2b: Activity, ambulance arrivals and presentation to leaving the ED performance for NSW emergency departments, by peer group, January to March 2013

		Leaving the ED				Ambulance arrivals
		Attendances used for calculation	Median time to leaving the ED	95th percentile time to leaving the ED	% leaving ED within 4 hours Target 71%	
Attendances						
New South Wales						
Total New South Wales	575,675	575,561	3h 4m	11h 0m	65%	138,082
A1 peer group: Principal referral						
Bankstown / Lidcombe Hospital	11,810	11,810	3h 51m	10h 59m	54%	4,127
Concord Hospital	9,211	9,211	3h 20m	8h 19m	65%	2,562
Gosford Hospital	14,735	14,735	4h 23m	11h 58m	45%	4,719
John Hunter Hospital	17,191	17,191	4h 12m	11h 38m	48%	5,383
Liverpool Hospital	17,597	17,542	4h 18m	18h 40m	47%	6,416
Nepean Hospital	14,970	14,970	3h 34m	12h 19m	60%	4,599
Prince of Wales Hospital	13,674	13,674	3h 28m	10h 10m	60%	3,668
Royal North Shore Hospital	16,958	16,958	3h 26m	9h 15m	62%	4,579
Royal Prince Alfred Hospital	17,534	17,534	3h 58m	10h 23m	51%	5,486
St George Hospital	16,789	16,789	3h 45m	10h 15m	57%	4,957
St Vincent's Hospital, Darlinghurst	11,818	11,816	3h 29m	16h 11m	59%	4,197
Westmead Hospital	15,305	15,305	4h 9m	14h 15m	48%	5,255
Wollongong Hospital	14,497	14,497	3h 58m	12h 5m	51%	5,295
Total A1 peer group	192,089	192,032	3h 50m	11h 59m	54%	61,243
A2 peer group: Paediatric specialist						
Sydney Children's Hospital	9,501	9,501	2h 29m	7h 56m	75%	695
The Children's Hospital at Westmead	12,355	12,355	3h 8m	9h 1m	65%	1,192
Total A2 peer group	21,856	21,856	2h 50m	8h 39m	69%	1,887
A3 peer group: ungrouped acute - tertiary referral						
Calvary Mater Newcastle	8,524	8,523	2h 45m	11h 11m	67%	2,580
Sydney Eye Hospital	5,242	5,242	2h 20m	5h 21m	86%	28
Sydney Hospital	4,945	4,945	1h 58m	5h 40m	85%	938
Total A3 peer group	18,711	18,710	2h 21m	8h 0m	77%	3,546
B peer group: Major						
Auburn Hospital	6,528	6,528	3h 19m	8h 41m	74%	1,484
Blacktown Hospital	9,272	9,272	4h 40m	19h 58m	43%	3,111
Campbelltown Hospital	14,598	14,567	3h 57m	25h 4m	55%	3,997
Canterbury Hospital	9,414	9,398	3h 45m	11h 33m	57%	2,071
Coffs Harbour Base Hospital	8,529	8,529	3h 7m	13h 33m	62%	2,235
Dubbo Base Hospital	6,803	6,803	3h 28m	16h 38m	57%	1,721
Fairfield Hospital	8,354	8,352	2h 36m	10h 53m	75%	1,658
Hornsby and Ku-Ring-Gai Hospital	8,772	8,771	3h 29m	9h 37m	62%	2,118
Lismore Base Hospital	7,273	7,273	4h 7m	17h 48m	49%	2,117
Maitland Hospital	10,911	10,911	2h 58m	11h 2m	69%	2,112

## Leaving the ED

	Attendances	Leaving the ED				Ambulance arrivals
		Attendances used for calculation	Median time to leaving the ED	95th percentile time to leaving the ED	% leaving ED within 4 hours Target 71%	
Manly District Hospital	6,347	6,347	2h 36m	7h 11m	84%	1,354
Manning Base Hospital	6,510	6,510	2h 36m	6h 29m	78%	1,985
Mona Vale and District Hospital	8,143	8,143	2h 51m	9h 37m	69%	1,720
Orange Health Service	6,740	6,740	2h 49m	11h 32m	68%	1,388
Port Macquarie Base Hospital	7,129	7,129	3h 13m	13h 49m	58%	2,118
Shoalhaven and District Memorial Hospital	9,719	9,719	2h 54m	10h 21m	66%	2,404
Sutherland Hospital	12,154	12,154	3h 37m	10h 18m	59%	3,495
Tamworth Base Hospital	10,445	10,445	2h 59m	9h 50m	66%	1,887
The Tweed Hospital	10,974	10,974	2h 28m	9h 31m	71%	2,085
Wagga Wagga Base Hospital	8,492	8,492	3h 24m	14h 57m	57%	2,180
Wyong Hospital	15,147	15,147	3h 25m	11h 17m	58%	4,161
<b>Total B peer group</b>	<b>192,254</b>	<b>192,204</b>	<b>3h 16m</b>	<b>12h 30m</b>	<b>63%</b>	<b>47,401</b>

### C1 peer group: District group 1

Armidale and New England Hospital	3,812	3,812	1h 33m	5h 48m	87%	792
Bathurst Base Hospital	5,980	5,980	2h 35m	10h 22m	69%	855
Bega District Hospital	2,929	2,929	2h 10m	6h 42m	79%	542
Belmont Hospital	6,116	6,116	2h 29m	8h 59m	73%	1,480
Bowral and District Hospital	4,345	4,344	2h 17m	7h 9m	80%	873
Broken Hill Base Hospital	5,380	5,380	1h 57m	6h 35m	82%	670
Goulburn Base Hospital	4,407	4,407	2h 30m	8h 0m	72%	823
Grafton Base Hospital	5,690	5,690	3h 1m	10h 48m	63%	833
Griffith Base Hospital	4,576	4,576	1h 56m	5h 44m	85%	740
Hawkesbury District Health Service	5,432	5,431	3h 33m	10h 32m	56%	1,076
Mount Druitt Hospital	8,234	8,234	4h 21m	13h 6m	45%	2,190
Murwillumbah District Hospital	4,037	4,036	1h 15m	4h 28m	93%	384
Ryde Hospital	6,546	6,546	2h 47m	7h 53m	74%	1,779
Shellharbour Hospital	7,009	7,009	3h 33m	13h 5m	56%	1,550
<b>Total C1 peer group</b>	<b>74,493</b>	<b>74,490</b>	<b>2h 36m</b>	<b>9h 33m</b>	<b>70%</b>	<b>14,587</b>

### C2 peer group: District group 2

Ballina District Hospital	3,768	3,767	2h 27m	8h 59m	73%	691
Bateman's Bay District Hospital	4,285	4,285	1h 44m	6h 52m	83%	553
Blue Mountains District Anzac Memorial Hospital	4,266	4,266	2h 32m	8h 21m	76%	797
Bulli District Hospital	1,933	1,933	0h 47m	3h 9m	97%	< 5
Camden Hospital	3,164	3,163	1h 31m	5h 15m	90%	8
Casino and District Memorial Hospital	3,422	3,422	1h 11m	4h 33m	93%	376
Cessnock District Hospital	4,270	4,270	1h 10m	6h 26m	90%	442
Gunnedah District Hospital	2,072	2,072	1h 4m	4h 4m	95%	202
Inverell District Hospital	2,639	2,639	1h 15m	4h 15m	94%	456
Kempsey Hospital	5,167	5,167	2h 0m	7h 59m	80%	810

		Leaving the ED				Ambulance arrivals
Attendances		Attendances used for calculation	Median time to leaving the ED	95th percentile time to leaving the ED	% leaving ED within 4 hours Target 71%	
Kurri Kurri District Hospital	1,629	1,629	0h 55m	5h 29m	90%	74
Lithgow Health Service	3,251	3,251	1h 41m	6h 50m	84%	595
Macleay District Hospital	2,776	2,776	1h 53m	6h 48m	83%	429
Milton and Ulladulla Hospital	4,001	4,001	1h 29m	5h 50m	88%	439
Moree District Hospital	1,909	1,909	0h 49m	4h 40m	93%	274
Moruya District Hospital	2,901	2,901	2h 18m	7h 52m	76%	535
Muswellbrook District Hospital	1,777	1,777	1h 13m	6h 26m	87%	326
Narrabri District Hospital	1,370	1,370	1h 6m	3h 25m	97%	182
Singleton District Hospital	2,883	2,883	1h 11m	3h 32m	97%	290
<b>Total C2 peer group</b>	<b>57,483</b>	<b>57,481</b>	<b>1h 31m</b>	<b>6h 30m</b>	<b>86%</b>	<b>7,479</b>
<b>Other</b>						
Other	18,789	18,788	1h 0m	5h 18m	91%	1,938
<b>Total Other</b>	<b>18,789</b>	<b>18,788</b>	<b>1h 0m</b>	<b>5h 18m</b>	<b>91%</b>	<b>1,938</b>

(\*) Values suppressed due to small numbers and to protect privacy. Suppressed data have been excluded from LHD 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:** NSW Health, *Health Information Exchange*. Data extracted on 19 April 2013. Ambulance data from Ambulance Service of NSW provided 26 April 2013.