

Appendix 2: ED time performance measures by peer group

Appendix table 2a: Waiting times to treatment (minutes) for NSW emergency departments, by peer group, April to June 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
New South Wales								
Total New South Wales	8	33	21	108	28	152	25	147
A1 peer group: Principal referral								
Bankstown / Lidcombe Hospital	9	28	25	141	27	153	24	122
Concord Hospital	8	20	20	83	30	144	29	128
Gosford Hospital	7	32	23	112	44	187	46	197
John Hunter Hospital	6	38	24	145	36	212	40	204
Liverpool Hospital	9	57	25	173	37	172	30	152
Nepean Hospital	7	31	18	98	18	96	17	128
Prince of Wales Hospital	8	34	21	96	21	119	24	161
Royal North Shore Hospital	7	21	20	77	28	118	31	137
Royal Prince Alfred Hospital	12	48	30	160	41	182	36	172
St George Hospital	11	37	27	107	34	142	29	163
St Vincent's Hospital, Darlinghurst	4	21	15	83	16	118	11	148
Westmead Hospital	8	62	29	199	36	187	28	148
Wollongong Hospital	9	31	28	142	40	191	38	185
Total A1 peer group	8	38	24	132	30	164	28	159
A2 peer group: Paediatric specialist								
Sydney Children's Hospital	9	25	21	62	36	150	36	127
The Children's Hospital at Westmead	6	33	24	101	36	234	77	227
Total A2 peer group	7	28	23	87	36	196	47	169
A3 peer group: ungrouped acute - tertiary referral								
Calvary Mater Newcastle	8	35	18	74	25	123	27	136
Sydney Eye Hospital	*	*	9	25	18	46	21	66
Sydney Hospital	8	*	18	53	22	78	24	109
Total A3 peer group	8	35	18	67	22	97	23	107
B peer group: Major								
Auburn Hospital	9	31	23	90	37	165	20	137
Blacktown Hospital	6	11	22	105	26	113	23	120
Campbelltown Hospital	7	27	16	117	28	172	32	162
Canterbury Hospital	8	26	24	127	31	161	28	165
Coffs Harbour Base Hospital	7	14	17	72	20	117	20	118
Dubbo Base Hospital	9	33	20	109	19	151	17	157
Fairfield Hospital	9	25	24	43	29	145	26	151

	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	16	61	21	115	22	125
Lismore Base Hospital	6	18	22	106	40	168	53	178
Maitland Hospital	9	34	25	128	39	179	49	177
Manly District Hospital	7	22	11	46	13	93	14	109
Manning Base Hospital	6	22	19	119	27	159	24	153
Mona Vale and District Hospital	7	21	17	67	25	129	20	147
Orange Health Service	5	25	20	80	27	125	22	146
Port Macquarie Base Hospital	9	29	19	73	23	109	24	142
Shoalhaven and District Memorial Hospital	10	41	30	150	38	207	30	169
Sutherland Hospital	12	38	29	100	34	118	29	118
Tamworth Base Hospital	8	39	24	112	46	195	50	196
The Tweed Hospital	6	22	20	77	18	98	14	97
Wagga Wagga Base Hospital	6	15	15	68	17	124	12	141
Wyong Hospital	8	49	20	97	36	145	37	140
Total B peer group	7	28	21	95	29	150	28	152

C1 peer group: District group 1								
Armidale and New England Hospital	8	52	19	78	29	134	22	126
Bathurst Base Hospital	8	30	14	55	14	103	9	107
Bega District Hospital	7	45	16	84	28	125	30	138
Belmont Hospital	8	24	16	59	22	95	22	106
Bowral and District Hospital	8	21	21	93	32	146	29	136
Broken Hill Base Hospital	9	37	26	94	36	139	47	189
Goulburn Base Hospital	11	57	33	147	47	215	33	237
Grafton Base Hospital	7	26	17	100	29	144	32	155
Griffith Base Hospital	5	20	14	78	20	118	23	132
Hawkesbury District Health Service	13	42	23	64	25	95	27	107
Mount Druitt Hospital	9	30	28	128	41	145	36	150
Murwillumbah District Hospital	6	13	11	41	14	69	14	88
Ryde Hospital	6	13	14	56	14	101	15	142
Shellharbour Hospital	10	25	24	134	28	163	22	156
Total C1 peer group	8	30	19	94	25	132	25	141

C2 peer group: District group 2								
Ballina District Hospital	7	32	19	81	28	154	31	175
Bateman's Bay District Hospital	7	38	21	101	40	169	39	210
Blue Mountains District Anzac Memorial Hospital	5	34	18	140	40	222	35	214
Bulli District Hospital	8	*	16	54	17	63	17	70
Camden Hospital	5	22	12	84	16	100	14	119
Casino and District Memorial Hospital	5	34	28	100	36	151	28	152

	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	6	33	20	64	29	110	36	126
Gunnedah District Hospital	7	*	16	97	32	147	17	150
Inverell District Hospital	5	31	15	82	30	125	31	150
Kempsey Hospital	9	29	21	92	25	129	19	120
Kurri Kurri District Hospital	3	*	9	63	15	103	10	83
Lithgow Health Service	5	29	14	75	14	99	13	126
Macleay District Hospital	8	26	20	66	27	129	26	175
Milton and Ulladulla Hospital	5	33	20	85	30	117	27	118
Moree District Hospital	4	46	6	71	8	84	8	*
Moruya District Hospital	7	41	21	111	34	161	34	227
Muswellbrook District Hospital	5	55	14	105	25	113	16	92
Narrabri District Hospital	4	*	5	38	10	56	10	71
Singleton District Hospital	7	30	24	92	40	142	34	144
Total C2 peer group	6	32	19	88	27	137	24	145
Other								
Total Other	5	44	11	70	18	105	13	105

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

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

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

	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 71%	Median transfer of care time (minutes)	Median off stretcher time (minutes)	
New South Wales							
Total New South Wales	560,138	560,067	3h 5m	11h 27m	65%	13	27
A1 peer group: Principal referral							
Bankstown / Lidcombe Hospital	11,361	11,361	4h 4m	13h 30m	49%	17	31
Concord Hospital	8,917	8,912	3h 29m	8h 36m	63%	13	29
Gosford Hospital	14,269	14,269	4h 12m	11h 44m	47%	14	31
John Hunter Hospital	17,172	17,172	4h 26m	12h 35m	45%	14	32
Liverpool Hospital	17,547	17,547	4h 32m	19h 32m	44%	16	31
Nepean Hospital	14,729	14,728	3h 42m	15h 19m	58%	9	23
Prince of Wales Hospital	12,668	12,668	3h 25m	10h 48m	61%	16	29
Royal North Shore Hospital	17,326	17,326	3h 35m	11h 1m	60%	17	29
Royal Prince Alfred Hospital	17,466	17,466	3h 55m	10h 4m	53%	16	31
St George Hospital	16,510	16,510	3h 33m	9h 42m	63%	14	29
St Vincent's Hospital, Darlinghurst	10,887	10,887	3h 24m	17h 55m	59%	n/a	n/a
Westmead Hospital	15,217	15,176	3h 48m	13h 16m	54%	15	31
Wollongong Hospital	14,177	14,177	3h 53m	13h 9m	53%	12	23
Total A1 peer group	188,246	188,199	3h 50m	12h 51m	54%	14	29
A2 peer group: Paediatric specialist							
Sydney Children's Hospital	9,425	9,425	2h 30m	8h 29m	75%	10	17
The Children's Hospital at Westmead	13,146	13,146	3h 26m	10h 49m	59%	n/a	n/a
Total A2 peer group	22,571	22,571	3h 0m	9h 56m	66%	10	17
A3 peer group: ungrouped acute - tertiary referral							
Calvary Mater Newcastle	8,153	8,152	2h 41m	13h 14m	68%	7	30
Sydney Eye Hospital	4,584	4,584	2h 15m	4h 41m	90%	*	*
Sydney Hospital	4,356	4,356	1h 56m	5h 41m	86%	11	21
Total A3 peer group	17,093	17,092	2h 18m	8h 30m	78%	8	27
B peer group: Major							
Auburn Hospital	6,288	6,277	3h 10m	7h 9m	83%	14	27
Blacktown Hospital	8,998	8,998	4h 19m	21h 57m	47%	19	30
Campbelltown Hospital	14,547	14,544	3h 55m	22h 22m	58%	16	29
Canterbury Hospital	9,268	9,266	3h 25m	8h 23m	65%	12	28
Coffs Harbour Base Hospital	8,514	8,514	3h 3m	11h 28m	65%	12	26
Dubbo Base Hospital	6,807	6,807	3h 29m	17h 58m	57%	13**	23**
Fairfield Hospital	8,221	8,221	2h 50m	11h 54m	71%	16	29
Hornsby and Ku-Ring-Gai Hospital	8,720	8,720	3h 25m	9h 33m	66%	12	18
Lismore Base Hospital	7,239	7,239	3h 36m	17h 34m	54%	18**	31**
Maitland Hospital	11,271	11,271	3h 5m	12h 41m	65%	14	32

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 71%	Median transfer of care time (minutes)	Median off stretcher time (minutes)	
Manly District Hospital	6,066	6,066	2h 37m	6h 49m	83%	12	19
Manning Base Hospital	6,250	6,250	2h 38m	6h 30m	78%	7	29
Mona Vale and District Hospital	7,908	7,908	2h 46m	10h 49m	70%	14	22
Orange Health Service	6,527	6,527	2h 56m	17h 22m	66%	11	24
Port Macquarie Base Hospital	6,843	6,843	3h 21m	15h 6m	57%	15	32
Shoalhaven and District Memorial Hospital	8,896	8,896	3h 13m	12h 7m	61%	14	22
Sutherland Hospital	11,817	11,817	3h 51m	12h 35m	54%	17	29
Tamworth Base Hospital	9,980	9,980	2h 52m	9h 34m	68%	7	20
The Tweed Hospital	10,499	10,499	2h 27m	10h 10m	71%	8	21
Wagga Wagga Base Hospital	8,442	8,442	3h 13m	14h 2m	60%	14**	30**
Wyong Hospital	14,522	14,522	3h 24m	10h 51m	58%	12	28
Total B peer group	187,623	187,607	3h 15m	12h 49m	64%	13	27

C1 peer group: District group 1

Armidale and New England Hospital	3,927	3,926	1h 31m	5h 16m	89%	10	12
Bathurst Base Hospital	5,854	5,854	2h 24m	9h 43m	72%	13	19
Bega District Hospital	2,709	2,709	2h 10m	6h 13m	81%	12**	15**
Belmont Hospital	6,122	6,122	2h 17m	8h 35m	76%	10	26
Bowral and District Hospital	4,313	4,313	2h 27m	6h 49m	78%	13	18
Broken Hill Base Hospital	5,359	5,359	2h 20m	6h 51m	79%	16	20
Goulburn Base Hospital	4,206	4,206	2h 53m	8h 31m	66%	19**	22**
Grafton Base Hospital	5,795	5,795	2h 57m	11h 36m	63%	§	§
Griffith Base Hospital	4,446	4,446	2h 10m	5h 47m	83%	12	19
Hawkesbury District Health Service	5,118	5,118	3h 19m	9h 26m	64%	n/a	n/a
Mount Druitt Hospital	8,019	8,019	4h 15m	14h 37m	47%	13	25
Murwillumbah District Hospital	3,966	3,965	1h 10m	4h 22m	93%	15	16
Ryde Hospital	6,433	6,433	2h 50m	8h 46m	72%	11	21
Shellharbour Hospital	6,375	6,375	3h 29m	13h 13m	56%	11	26
Total C1 peer group	72,642	72,640	2h 38m	9h 26m	70%	12	22

C2 peer group: District group 2

Ballina District Hospital	3,842	3,842	2h 17m	8h 27m	75%	13**	21**
Bateman's Bay District Hospital	3,553	3,553	1h 53m	6h 47m	81%	11	13
Blue Mountains District Anzac Memorial Hospital	4,090	4,089	2h 49m	8h 57m	70%	13**	20**
Bulli District Hospital	1,489	1,489	0h 41m	2h 31m	99%	n/a	n/a
Camden Hospital	3,109	3,108	1h 43m	5h 34m	90%	n/a	n/a
Casino and District Memorial Hospital	3,513	3,513	1h 13m	4h 56m	91%	15	22
Cessnock District Hospital	4,194	4,194	1h 15m	5h 46m	91%	9	26
Gunnedah District Hospital	1,964	1,964	1h 15m	4h 40m	93%	§	§
Inverell District Hospital	2,714	2,714	1h 0m	4h 36m	93%	3**	11**
Kempsey Hospital	5,302	5,302	1h 59m	7h 11m	81%	14	27

	Leaving the ED					Ambulance	
	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%	Median transfer of care time (minutes)	Median off stretcher time (minutes)
Kurri Kurri District Hospital	1,718	1,718	1h 0m	5h 8m	91%	*	*
Lithgow Health Service	3,043	3,042	1h 41m	6h 43m	82%	10	15
Macleay District Hospital	2,588	2,588	2h 4m	6h 48m	80%	14	17
Milton and Ulladulla Hospital	3,275	3,275	1h 39m	7h 0m	84%	14	22
Moree District Hospital	2,028	2,027	0h 56m	4h 16m	94%	6	9
Moruya District Hospital	2,453	2,453	2h 27m	10h 21m	71%	§	§
Muswellbrook District Hospital	2,011	2,010	1h 10m	6h 40m	89%	13**	21**
Narrabri District Hospital	1,346	1,346	1h 9m	3h 50m	97%	4**	12**
Singleton District Hospital	2,940	2,940	1h 15m	3h 51m	96%	8	18
Total C2 peer group	55,172	55,167	1h 34m	6h 37m	85%	12	18
Other							
Total Other	16,791	16,791	1h 0m	5h 18m	92%	7**	15**

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

(**) Use caution when interpreting these results - more than 30% of total records where transfer of care cannot be calculated.

(§) Data not reportable for this hospital.

Note: Emergency department activity includes 96 facilities for which electronic data are reported. These facilities account for approximately 87% of NSW emergency department activity.

Source: NSW Health, *Health Information Exchange*. Data extracted on 19 July 2013. Ambulance data from Ambulance Service of NSW provided 26 April 2013.