

Gosford Hospital: Emergency department (ED) overview

July to September 2018

All presentations:¹ 17,173 patients

Emergency presentations:² 17,101 patients

Same period last year	Change since one year ago
17,739	-3%
17,623	-3%

Gosford Hospital: Time patients waited to start treatment³

July to September 2018

Triage 2 Emergency (e.g. chest pain, severe burns): 2,400 patients

Median time to start treatment⁴ 7 minutes

90th percentile time to start treatment⁵ 20 minutes

Triage 3 Urgent (e.g. moderate blood loss, dehydration): 7,171 patients

Median time to start treatment⁴ 25 minutes

90th percentile time to start treatment⁵ 89 minutes

Triage 4 Semi-urgent (e.g. sprained ankle, earache): 6,889 patients

Median time to start treatment⁴ 38 minutes

90th percentile time to start treatment⁵ 120 minutes

Triage 5 Non-urgent (e.g. small cuts or abrasions): 440 patients

Median time to start treatment⁴ 34 minutes

90th percentile time to start treatment⁵ 110 minutes

Same period last year	NSW (this period)
2,237	
7 minutes	8 minutes
23 minutes	28 minutes
6,983	
24 minutes	21 minutes
92 minutes	72 minutes
7,696	
42 minutes	26 minutes
134 minutes	105 minutes
496	
28 minutes	22 minutes
122 minutes	103 minutes

Gosford Hospital: Time from presentation until leaving the ED

July to September 2018

Attendances used to calculate time to leaving the ED:⁶ 17,173 patients

Percentage of patients who spent four hours or less in the ED 59%

Same period last year	Change since one year ago
17,739	-3%
63%	

* Suppressed due to small number of patients and to protect privacy. Relevant graphs are also suppressed.

- All emergency and non-emergency attendances at the emergency department (ED).
- All attendances that have a triage category and are coded as emergency presentations or unplanned return visits.
- Some patients are excluded from ED time measures due to calculation requirements. For details, see the *Technical Supplement: Emergency department measures, January to March 2018*.
- The median is the time by which half of patients started treatment. The other half of patients waited equal to or longer than this time.
- The 90th percentile is the time by which 90% of patients started treatment. The final 10% of patients waited equal to or longer than this time.
- All presentations that have a departure time.

Note: Presentation time is the earlier time recorded for clerical registration or the triage process. Treatment time is the earliest time recorded when a healthcare professional provides medical care relevant to the patient's presenting problems.

Source: Health Information Exchange, NSW Health (extracted 16 October 2018).

Gosford Hospital: Patients presenting to the emergency department

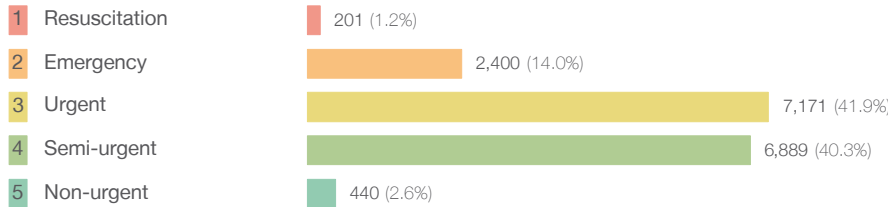
July to September 2018

All presentations:¹ 17,173 patients

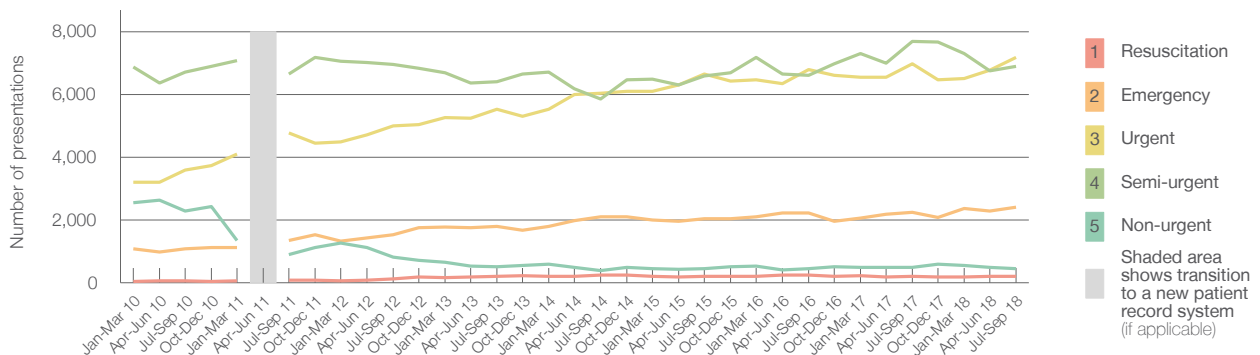
Same period last year	Change since one year ago
17,739	-3%

Emergency presentations² by triage category: 17,101 patients

Same period last year	Change since one year ago
17,623	-3%
211	-4.7%
2,237	7.3%
6,983	2.7%
7,696	-10.5%
496	-11.3%



Emergency presentations² by quarter, January 2010 to September 2018 †



	Jul-Sep 2010	Jul-Sep 2011	Jul-Sep 2012	Jul-Sep 2013	Jul-Sep 2014	Jul-Sep 2015	Jul-Sep 2016	Jul-Sep 2017	Jul-Sep 2018
Resuscitation	50	69	113	191	233	193	234	211	201
Emergency	1,083	1,345	1,530	1,789	2,107	2,034	2,230	2,237	2,400
Urgent	3,579	4,775	4,994	5,525	6,028	6,648	6,799	6,983	7,171
Semi-urgent	6,718	6,653	6,958	6,399	5,853	6,596	6,615	7,696	6,889
Non-urgent	2,284	904	804	511	389	451	447	496	440
All emergency presentations	13,714	13,746	14,399	14,415	14,610	15,922	16,325	17,623	17,101

Gosford Hospital: Patients arriving by ambulance

July to September 2018

Arrivals used to calculate transfer of care time:⁷ 4,906 patients

Same period last year	Change since one year ago
5,109	

ED Transfer of care time



Same period last year	Change since one year ago
11 minutes	-1 minute
75 minutes	-7 minutes

(†) Data points are not shown in graphs for quarters when patient numbers are too small.

(‡) Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper: Approaches to reporting time measures of emergency department performance, December 2011.

Gosford Hospital: Time patients waited to start treatment, triage 2 July to September 2018

Triage 2 Emergency (e.g. chest pain, severe burns)

Number of triage 2 patients: 2,400

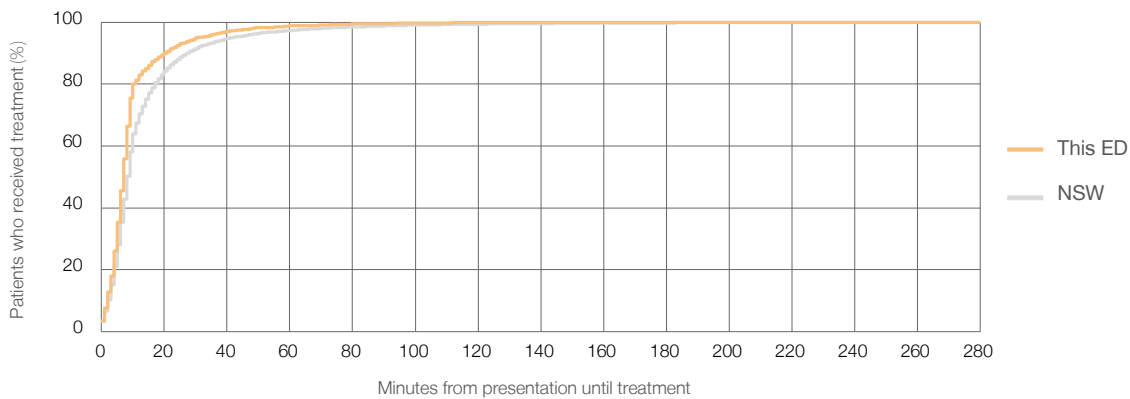
Number of triage 2 patients used to calculate waiting time:³ 2,391

Median time to start treatment⁴ 7 minutes

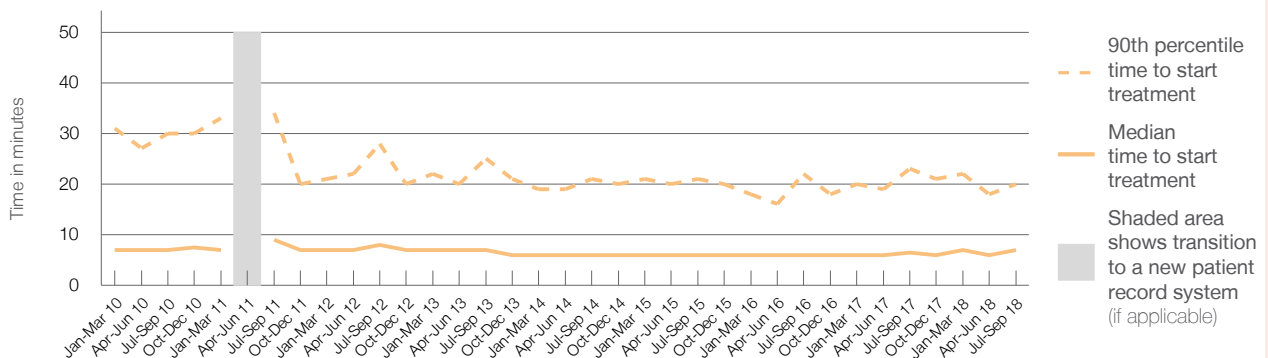
90th percentile time to start treatment⁵ 20 minutes

Same period last year	NSW (this period)
2,237	2,234
7 minutes	8 minutes
23 minutes	28 minutes

Percentage of triage 2 patients who received treatment by time, July to September 2018



Time patients waited to start treatment (minutes) for triage 2 patients, January 2010 to September 2018^{†‡}



	Jul-Sep 2010	Jul-Sep 2011	Jul-Sep 2012	Jul-Sep 2013	Jul-Sep 2014	Jul-Sep 2015	Jul-Sep 2016	Jul-Sep 2017	Jul-Sep 2018
Median time to start treatment ⁴ (minutes)	7	9	8	7	6	6	6	7	7
90th percentile time to start treatment ⁵ (minutes)	30	34	28	25	21	21	22	23	20

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Gosford Hospital: Time patients waited to start treatment, triage 3 July to September 2018

Triage 3 Urgent (e.g. moderate blood loss, dehydration)

Number of triage 3 patients: 7,171

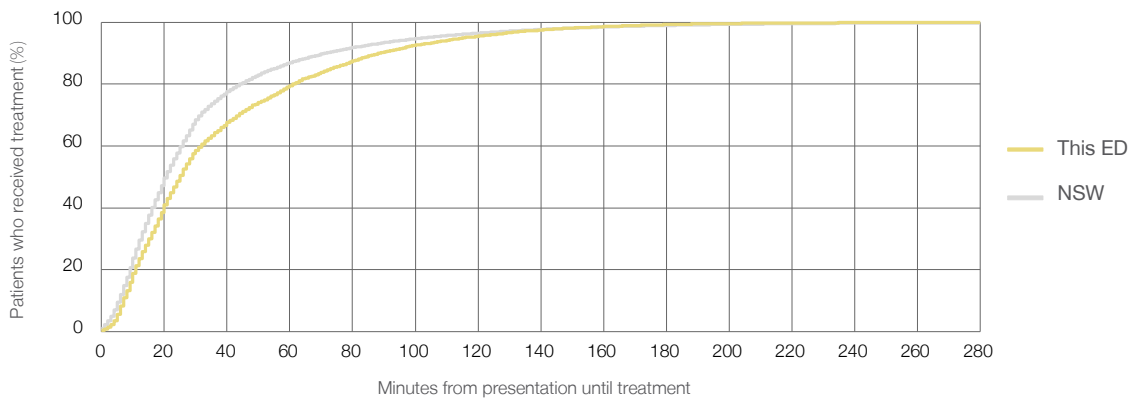
Number of triage 3 patients used to calculate waiting time:³ 7,072

Median time to start treatment⁴ 25 minutes

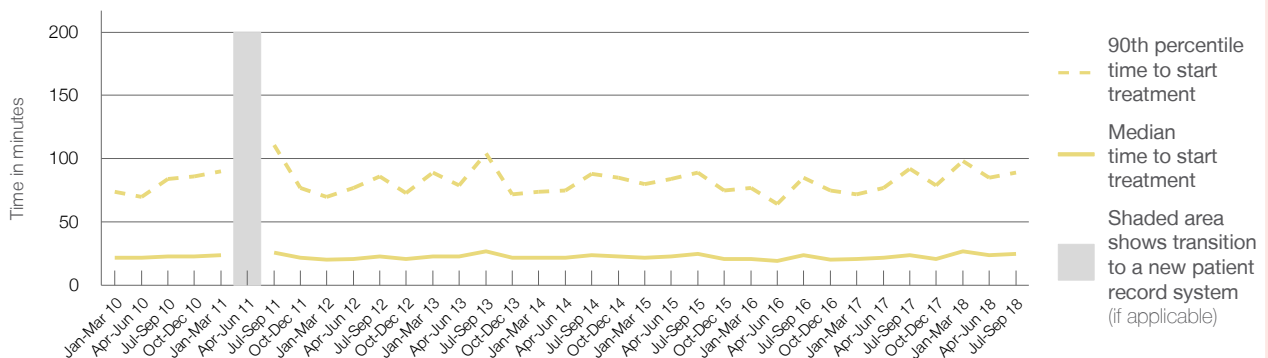
90th percentile time to start treatment⁵ 89 minutes

Same period last year	NSW (this period)
6,983	
6,874	
24 minutes	21 minutes
92 minutes	72 minutes

Percentage of triage 3 patients who received treatment by time, July to September 2018



Time patients waited to start treatment (minutes) for triage 3 patients, January 2010 to September 2018^{†‡}



	Jul-Sep 2010	Jul-Sep 2011	Jul-Sep 2012	Jul-Sep 2013	Jul-Sep 2014	Jul-Sep 2015	Jul-Sep 2016	Jul-Sep 2017	Jul-Sep 2018
Median time to start treatment ⁴ (minutes)	23	26	23	27	24	25	24	24	25
90th percentile time to start treatment ⁵ (minutes)	84	111	86	104	88	89	85	92	89

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Gosford Hospital: Time patients waited to start treatment, triage 4 July to September 2018

Triage 4 Semi-urgent (e.g. sprained ankle, earache)

Number of triage 4 patients: 6,889

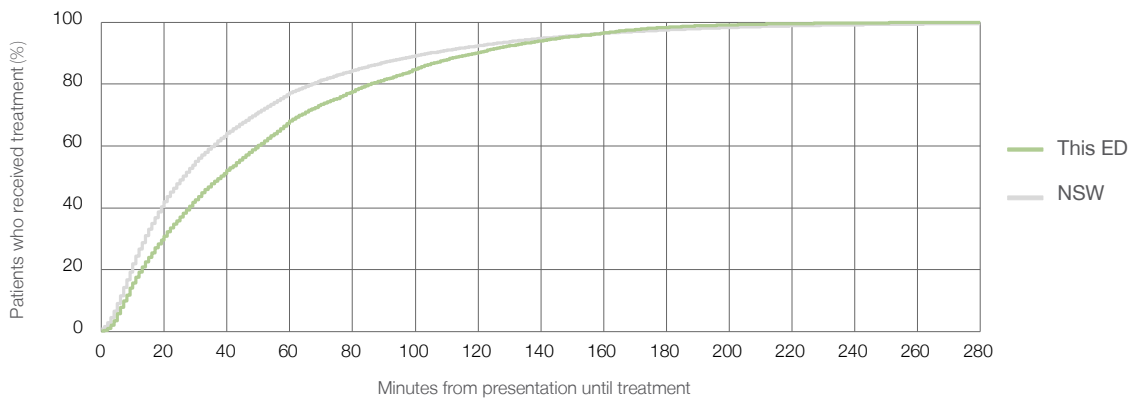
Number of triage 4 patients used to calculate waiting time:³ 6,579

Median time to start treatment⁴ 38 minutes

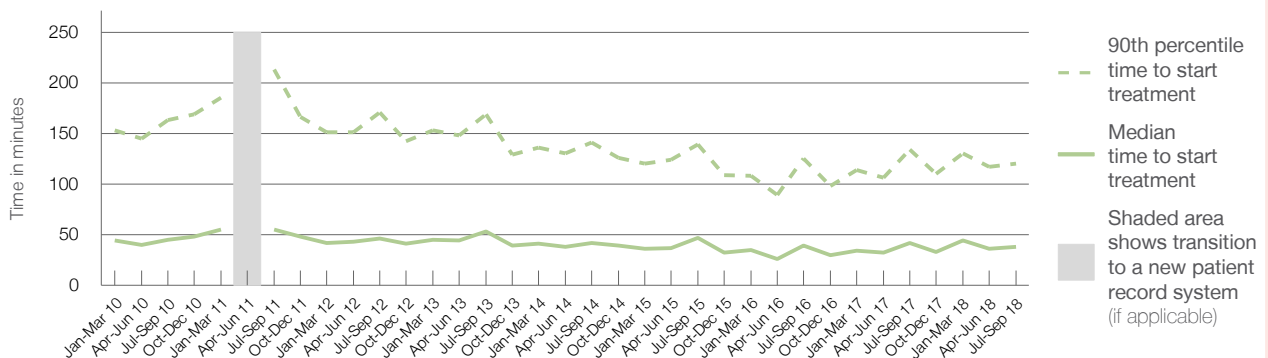
90th percentile time to start treatment⁵ 120 minutes

Same period last year	NSW (this period)
7,696	7,211
42 minutes	26 minutes
134 minutes	105 minutes

Percentage of triage 4 patients who received treatment by time, July to September 2018



Time patients waited to start treatment (minutes) for triage 4 patients, January 2010 to September 2018^{†‡}



	Jul-Sep 2010	Jul-Sep 2011	Jul-Sep 2012	Jul-Sep 2013	Jul-Sep 2014	Jul-Sep 2015	Jul-Sep 2016	Jul-Sep 2017	Jul-Sep 2018
Median time to start treatment ⁴ (minutes)	45	55	46	53	42	47	39	42	38
90th percentile time to start treatment ⁵ (minutes)	163	213	171	169	141	139	125	134	120

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Gosford Hospital: Time patients waited to start treatment, triage 5 July to September 2018

Triage 5 Non-urgent (e.g. small cuts or abrasions)

Number of triage 5 patients: 440

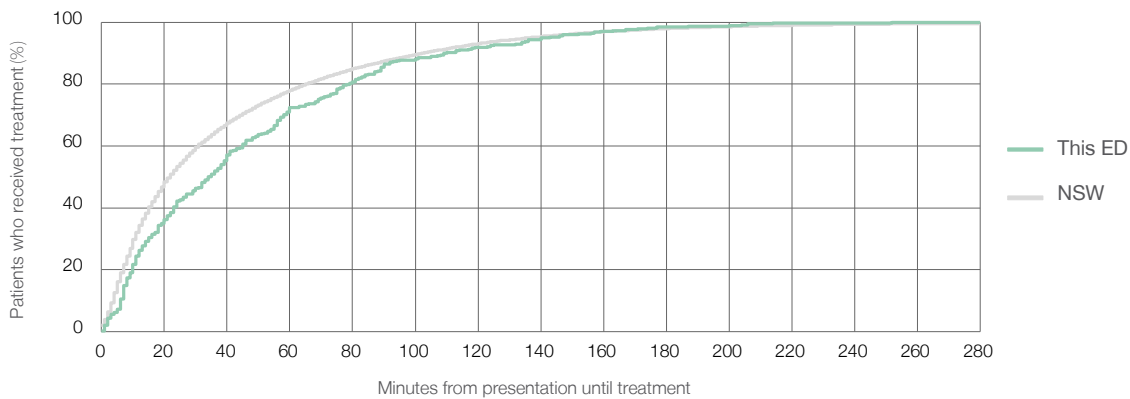
Number of triage 5 patients used to calculate waiting time:³ 369

Median time to start treatment⁴ 34 minutes

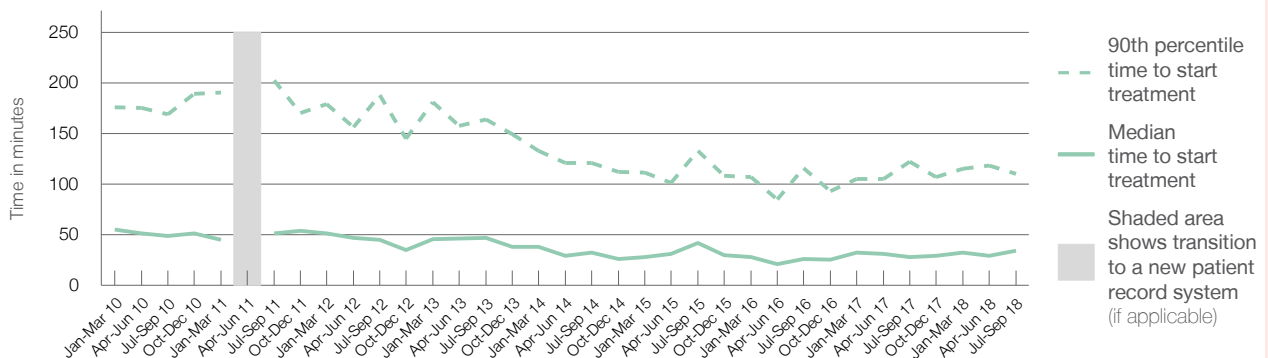
90th percentile time to start treatment⁵ 110 minutes

Same period last year	NSW (this period)
496	387
28 minutes	22 minutes
122 minutes	103 minutes

Percentage of triage 5 patients who received treatment by time, July to September 2018



Time patients waited to start treatment (minutes) for triage 5 patients, January 2010 to September 2018^{†‡}



	Jul-Sep 2010	Jul-Sep 2011	Jul-Sep 2012	Jul-Sep 2013	Jul-Sep 2014	Jul-Sep 2015	Jul-Sep 2016	Jul-Sep 2017	Jul-Sep 2018
Median time to start treatment ⁴ (minutes)	49	51	45	47	32	42	26	28	34
90th percentile time to start treatment ⁵ (minutes)	169	202	188	164	121	133	116	122	110

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Gosford Hospital: Time patients spent in the ED

July to September 2018

All presentations:¹ 17,173 patients

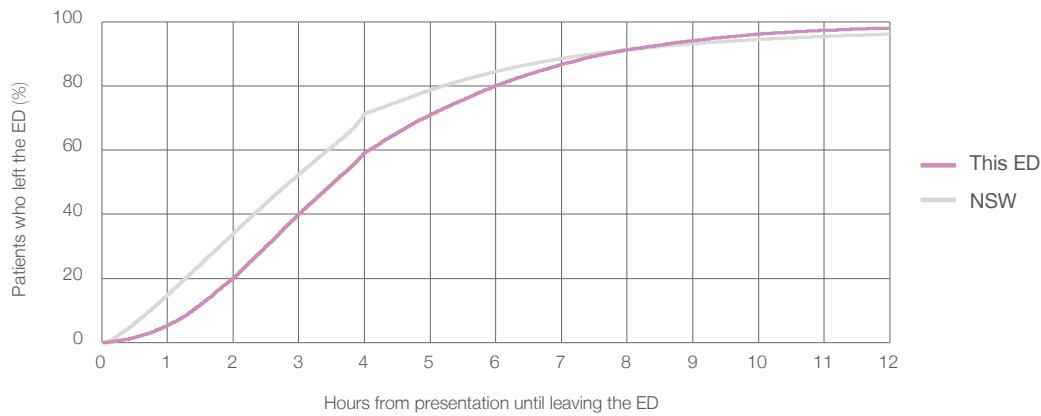
Presentations used to calculate time to leaving the ED:⁶ 17,173 patients

Median time spent in the ED⁸ 3 hours and 32 minutes

90th percentile time spent in the ED⁹ 7 hours and 41 minutes

Same period last year	NSW (this period)
17,739	17,739
3 hours and 23 minutes	2 hours and 52 minutes
7 hours and 3 minutes	7 hours and 30 minutes

Percentage of patients who left the ED by time, July to September 2018



Time patients spent in the ED, by quarter, January 2010 to September 2018^{†‡}



	Jul-Sep 2010	Jul-Sep 2011	Jul-Sep 2012	Jul-Sep 2013	Jul-Sep 2014	Jul-Sep 2015	Jul-Sep 2016	Jul-Sep 2017	Jul-Sep 2018
Median time spent in the ED ⁸ (hours, minutes)	4h 4m	4h 48m	4h 24m	4h 20m	3h 38m	3h 25m	3h 21m	3h 23m	3h 32m
90th percentile time spent in the ED ⁹ (hours, minutes)	9h 55m	10h 57m	10h 33m	9h 39m	8h 36m	7h 37m	7h 5m	7h 3m	7h 41m

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Gosford Hospital: Time patients spent in the ED

By mode of separation

July to September 2018

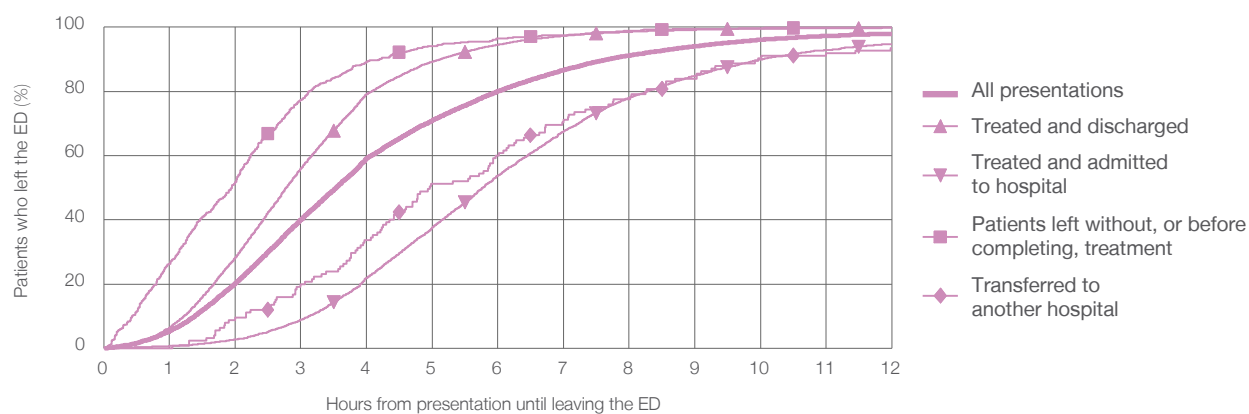
All presentations:¹ 17,173 patients

Presentations used to calculate time to leaving the ED:⁶ 17,173 patients

Treated and discharged	10,370 (60.4%)
Treated and admitted to hospital	6,032 (35.1%)
Patient left without, or before completing, treatment	565 (3.3%)
Transferred to another hospital	125 (0.7%)
Other	81 (0.5%)

Same period last year	Change since one year ago
17,739	-3%
10,610	-2.3%
6,195	-2.6%
790	-28.5%
96	30.2%
48	68.8%

Percentage of patients who left the ED by time and mode of separation, July to September 2018^{†‡}



1 hour 2 hours 3 hours 4 hours 6 hours 8 hours 10 hours 12 hours

	1 hour	2 hours	3 hours	4 hours	6 hours	8 hours	10 hours	12 hours
Treated and discharged	6.4%	28.3%	56.1%	79.2%	94.6%	98.6%	99.5%	99.8%
Treated and admitted to hospital	0.7%	2.7%	8.9%	22.0%	53.8%	78.0%	90.0%	94.7%
Patient left without, or before completing, treatment	26.4%	51.9%	77.3%	89.4%	96.5%	98.9%	99.6%	99.8%
Transferred to another hospital	0%	9.6%	20.0%	33.6%	60.0%	77.6%	90.4%	93.6%
All presentations	5.3%	20.2%	40.1%	59.1%	80.1%	91.2%	96.1%	98.0%

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Gosford Hospital: Time spent in the ED
 Percentage of patients who spent four hours or less in the ED
 July to September 2018

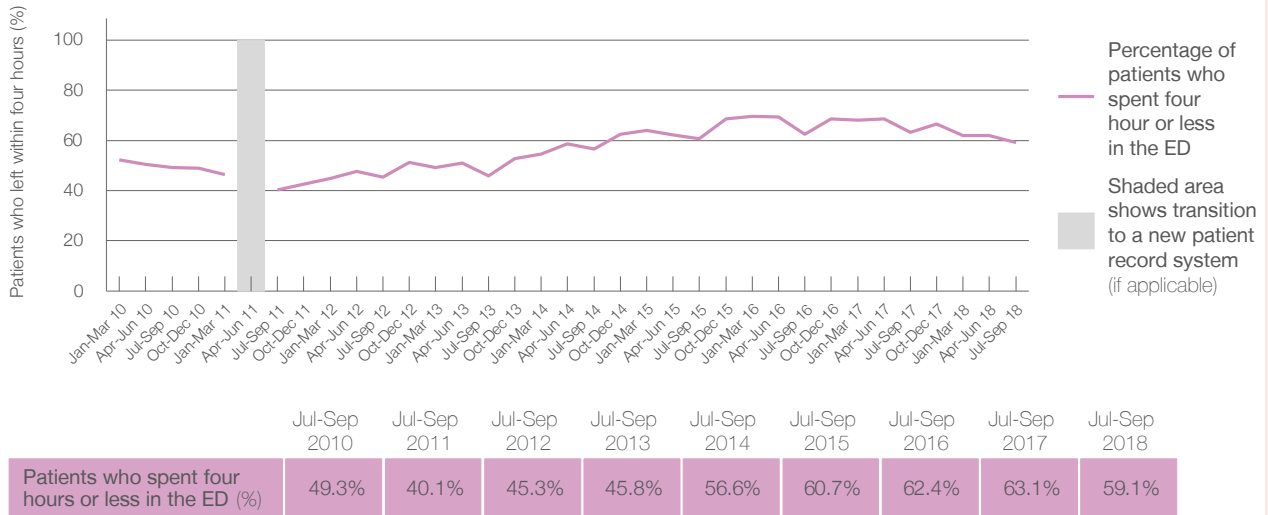
All presentations at the emergency department: ¹ 17,173 patients

Presentations used to calculate time to leaving the ED: ⁶ 17,173 patients

Percentage of patients who spent four hours or less in the ED 59.1%

Same period last year	Change since one year ago
17,739	-3%
17,739	-3%
63.1%	

Percentage of patients who spent four hours or less in the ED, by quarter, January 2010 to September 2018 ^{†‡}



* Suppressed due to small numbers and to protect privacy. Relevant graphs are also suppressed.

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- All emergency and non-emergency presentations at the emergency department (ED).
- All presentations that have a triage category and are coded as emergency presentations or unplanned return visits.
- Some patients are excluded from ED time measures due to calculation requirements. For details, see the *Technical Supplement: Emergency department measures, January to March 2018*.
- The median is the time by which half of patients started treatment. The other half of patients took equal to or longer than this time.
- The 90th percentile is the time by which 90% of patients started treatment. The final 10% of patients took equal to or longer than this time.
- All presentations that have a departure time.
- Transfer of care time refers to the period between arrival of patients at the ED by ambulance and the transfer of responsibility for their care from paramedics to ED staff in an ED treatment zone. For more information see *Spotlight on Measurement: measuring transfer of care from the ambulance to the emergency department*.
- The median is the time by which half of patients left the ED. The other half of patients took equal to or longer than this time.
- The 90th percentile is the time by which 90% of patients left the ED. The final 10% of patients took equal to or longer than this time.

Note: Presentation time is the earlier of times recorded for the start of clerical registration or the triage process. Treatment time is the earliest time recorded when a healthcare professional provides medical care that is relevant to the patient's presenting problems. For patients who were treated and discharged, departure time is the time when treatment was completed. For all other patients, departure time is the time when the patient actually left the ED.

Note: All percentages are rounded and therefore percentages may not add to 100%.

Sources: ED data from Health Information Exchange, NSW Health (extracted 16 October 2018). Transfer of care data from Transfer of Care Reporting System (extracted 16 October 2018).