

Gosford Hospital: Emergency department (ED) overview

October to December 2017

All presentations:¹ 17,053 patients



Emergency presentations:² 16,906 patients

Same period last year	Change since one year ago
16,368	4.2%
16,247	4.1%

Gosford Hospital: Time patients waited to start treatment³

October to December 2017

Triage 2 Emergency (e.g. chest pain, severe burns): 2,076 patients

Median time to start treatment⁴  6 minutes
90th percentile time to start treatment⁵  22 minutes

Triage 3 Urgent (e.g. moderate blood loss, dehydration): 6,435 patients

Median time to start treatment⁴  21 minutes
90th percentile time to start treatment⁵  79 minutes

Triage 4 Semi-urgent (e.g. sprained ankle, earache): 7,616 patients

Median time to start treatment⁴  33 minutes
90th percentile time to start treatment⁵  110 minutes

Triage 5 Non-urgent (e.g. small cuts or abrasions): 592 patients

Median time to start treatment⁴  30 minutes
90th percentile time to start treatment⁵  110 minutes

Same period last year	NSW (this period)
1,957	
6 minutes	8 minutes
18 minutes	23 minutes
6,603	
20 minutes	20 minutes
75 minutes	65 minutes
6,967	
30 minutes	26 minutes
98 minutes	99 minutes
509	
26 minutes	23 minutes
93 minutes	103 minutes

Gosford Hospital: Time from presentation until leaving the ED

October to December 2017

Attendances used to calculate time to leaving the ED:⁶ 17,053 patients

Percentage of patients who spent four hours or less in the ED  66.4%

Same period last year	Change since one year ago
16,366	4.2%
68.5%	

* 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, July to September 2016*.
- 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.

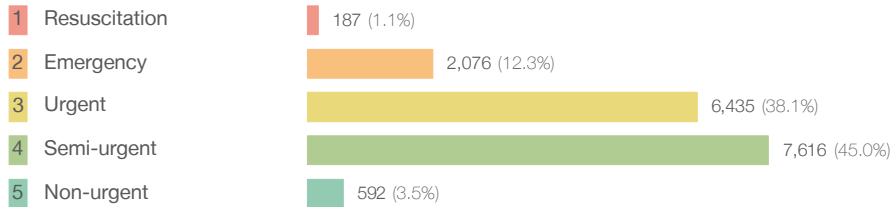
Note: Presentation time is the earlier time recorded for clerical registration or the triage process. Treatment time is the earliest time recorded when a healthcare professional provides medical care relevant to the patient's presenting problems.

Source: Health Information Exchange, NSW Health (extracted 23 January 2018).

Gosford Hospital: Patients presenting to the emergency department October to December 2017

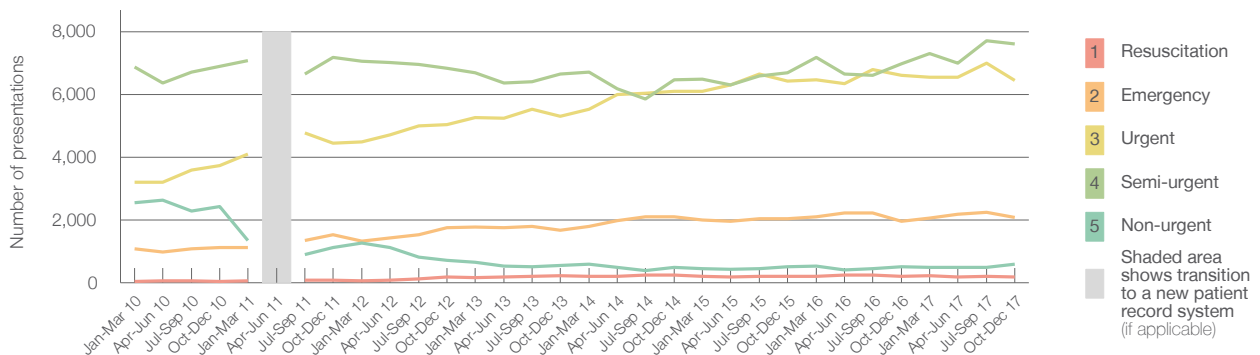
All presentations:¹ 17,053 patients

Emergency presentations² by triage category: 16,906 patients



Same period last year	Change since one year ago
16,368	4.2%
16,247	4.1%
211	-11.4%
1,957	6.1%
6,603	-2.5%
6,967	9.3%
509	16.3%

Emergency presentations² by quarter, January 2010 to December 2017 †



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017
Resuscitation	47	82	172	225	247	197	211	187
Emergency	1,126	1,518	1,751	1,664	2,092	2,037	1,957	2,076
Urgent	3,724	4,445	5,042	5,294	6,091	6,419	6,603	6,435
Semi-urgent	6,885	7,173	6,833	6,658	6,475	6,699	6,967	7,616
Non-urgent	2,431	1,112	717	550	486	499	509	592
All emergency presentations	14,213	14,330	14,515	14,391	15,391	15,851	16,247	16,906

Gosford Hospital: Patients arriving by ambulance October to December 2017

Arrivals used to calculate transfer of care time:⁷ 4,690 patients

ED Transfer of care time



Same period last year	Change since one year ago
4,703	
9 minutes	1 minute
36 minutes	21 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 October to December 2017

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

Number of triage 2 patients: 2,076

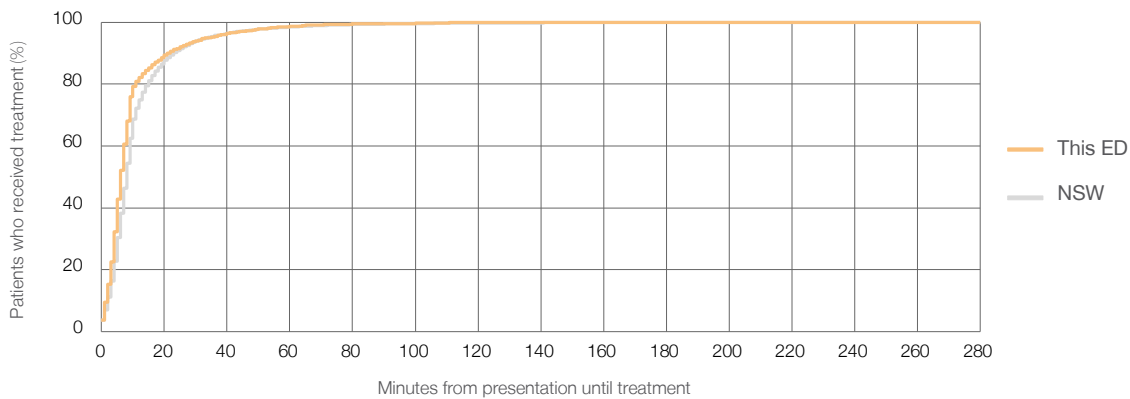
Number of triage 2 patients used to calculate waiting time:³ 2,067

Median time to start treatment⁴ ■ 6 minutes

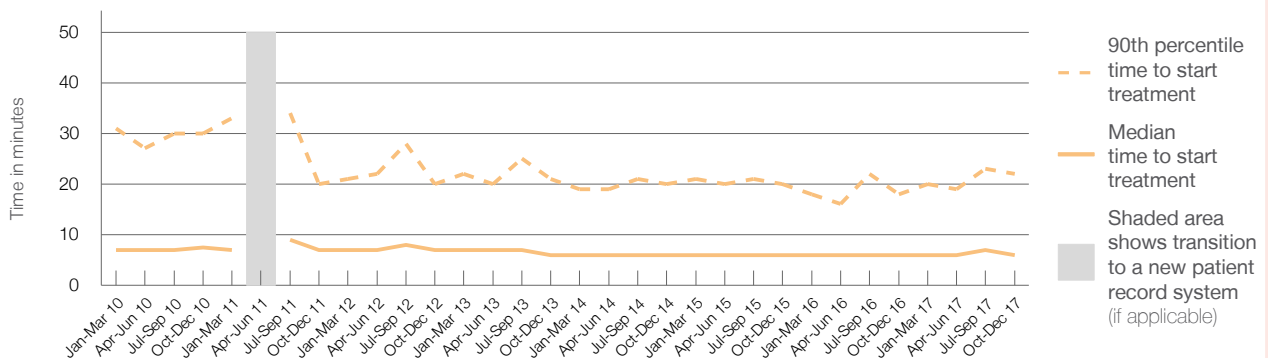
90th percentile time to start treatment⁵ ■ 22 minutes

Same period last year	NSW (this period)
1,957	
1,952	
6 minutes	8 minutes
18 minutes	23 minutes

Percentage of triage 2 patients who received treatment by time, October to December 2017



Time patients waited to start treatment (minutes) for triage 2 patients, January 2010 to December 2017^{†‡}



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017
Median time to start treatment ⁴ (minutes)	8	7	7	6	6	6	6	6
90th percentile time to start treatment ⁵ (minutes)	30	20	20	21	20	20	18	22

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Gosford Hospital: Time patients waited to start treatment, triage 3 October to December 2017

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

Number of triage 3 patients: 6,435

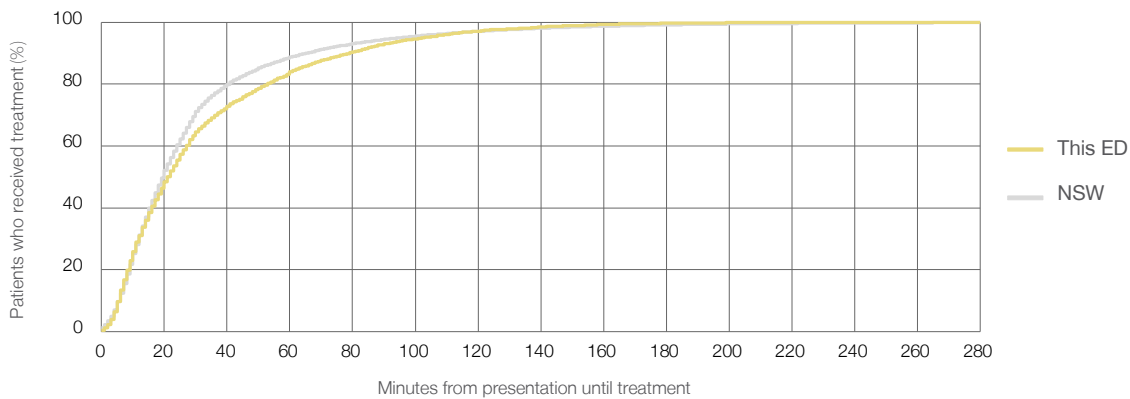
Number of triage 3 patients used to calculate waiting time:³ 6,326

Median time to start treatment⁴ 21 minutes

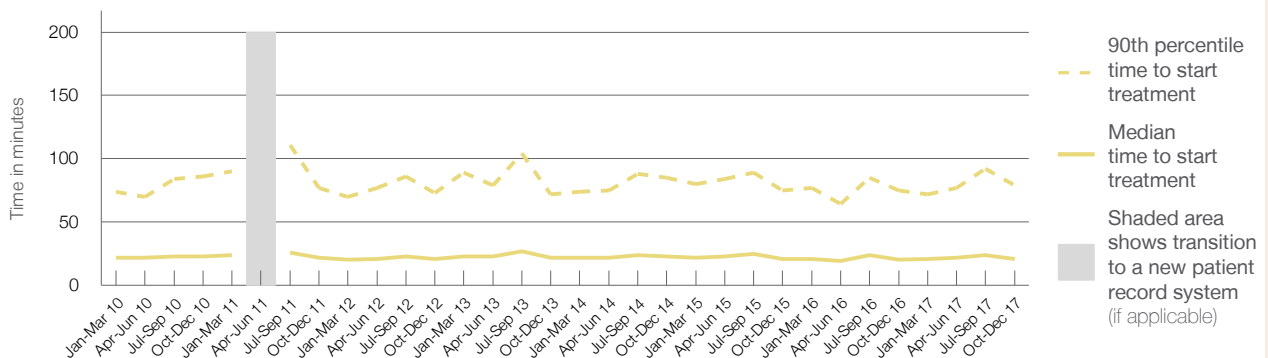
90th percentile time to start treatment⁵ 79 minutes

Same period last year	NSW (this period)
6,603	
6,478	
20 minutes	20 minutes
75 minutes	65 minutes

Percentage of triage 3 patients who received treatment by time, October to December 2017



Time patients waited to start treatment (minutes) for triage 3 patients, January 2010 to December 2017^{†‡}



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017
Median time to start treatment ⁴ (minutes)	23	22	21	22	23	21	20	21
90th percentile time to start treatment ⁵ (minutes)	86	77	73	72	85	75	75	79

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Gosford Hospital: Time patients waited to start treatment, triage 4 October to December 2017

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

Number of triage 4 patients: 7,616

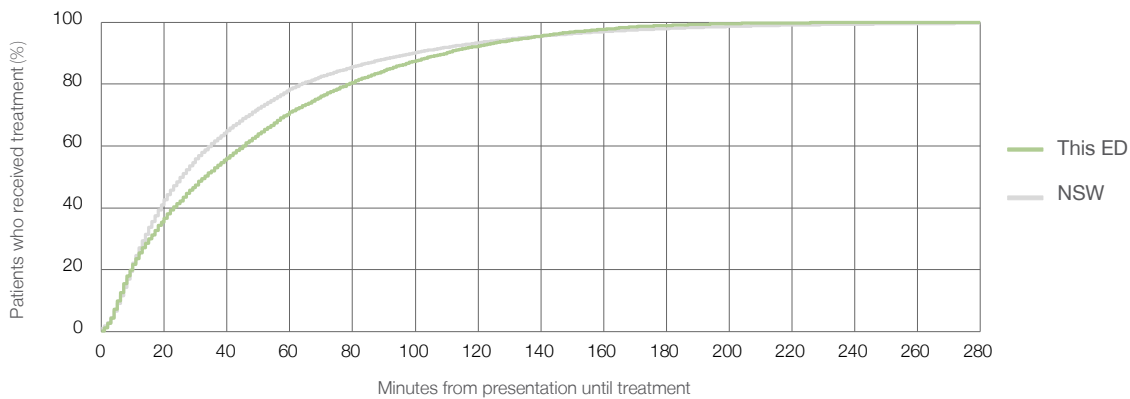
Number of triage 4 patients used to calculate waiting time:³ 7,231

Median time to start treatment⁴ 33 minutes

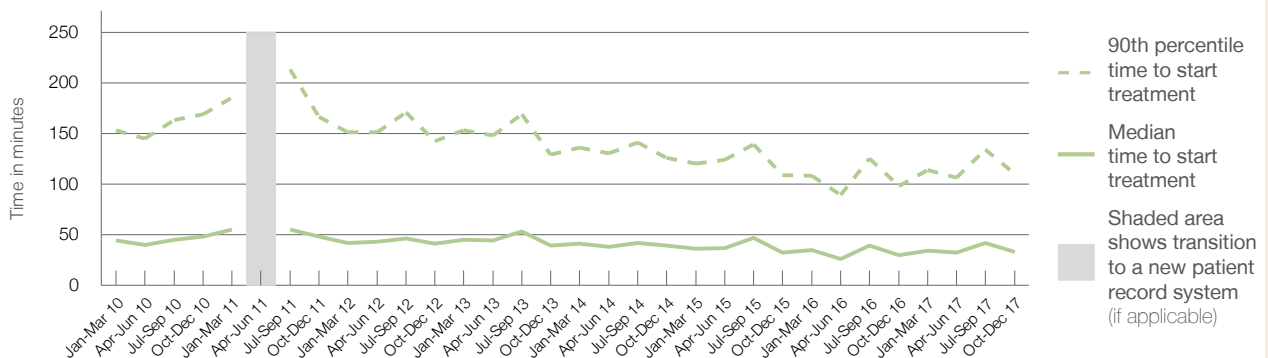
90th percentile time to start treatment⁵ 110 minutes

Same period last year	NSW (this period)
6,967	
6,654	
30 minutes	26 minutes
98 minutes	99 minutes

Percentage of triage 4 patients who received treatment by time, October to December 2017



Time patients waited to start treatment (minutes) for triage 4 patients, January 2010 to December 2017^{†‡}



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017
Median time to start treatment ⁴ (minutes)	48	48	41	39	39	32	30	33
90th percentile time to start treatment ⁵ (minutes)	169	166	142	129	126	109	98	110

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Gosford Hospital: Time patients waited to start treatment, triage 5 October to December 2017

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

Number of triage 5 patients: 592

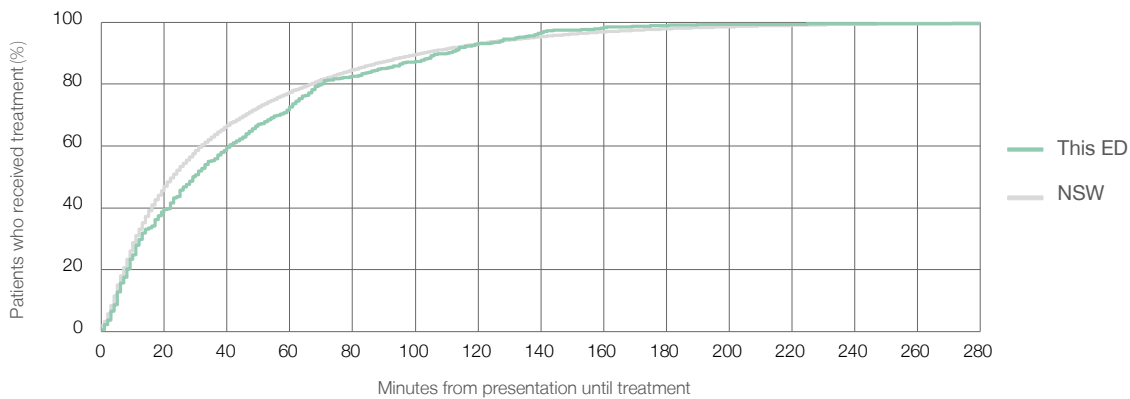
Number of triage 5 patients used to calculate waiting time:³ 494

Median time to start treatment⁴ 30 minutes

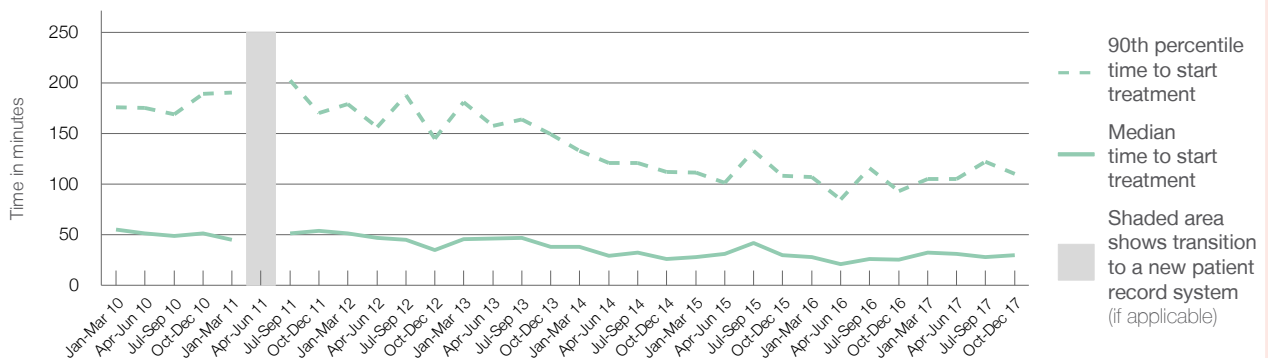
90th percentile time to start treatment⁵ 110 minutes

Same period last year	NSW (this period)
509	438
26 minutes	23 minutes
93 minutes	103 minutes

Percentage of triage 5 patients who received treatment by time, October to December 2017



Time patients waited to start treatment (minutes) for triage 5 patients, January 2010 to December 2017^{†‡}



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017
Median time to start treatment ⁴ (minutes)	51	54	35	38	26	30	26	30
90th percentile time to start treatment ⁵ (minutes)	189	170	145	149	112	108	93	110

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Gosford Hospital: Time patients spent in the ED

October to December 2017

All presentations:¹ 17,053 patients

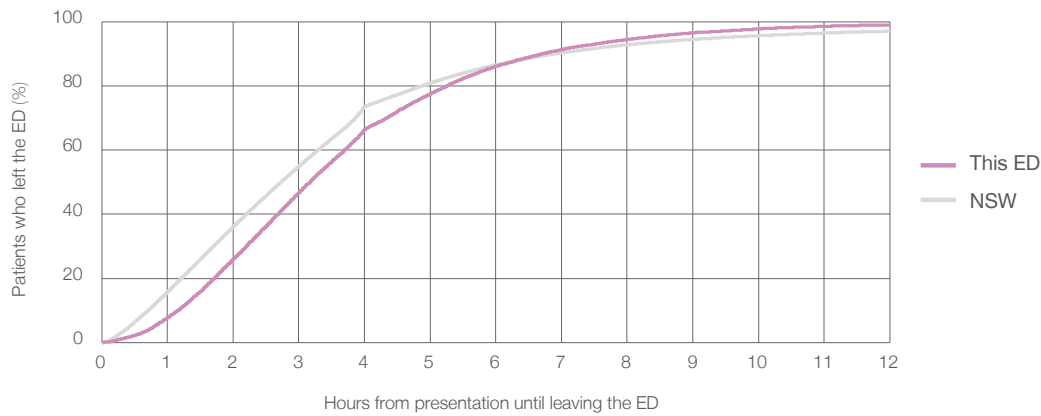
Presentations used to calculate time to leaving the ED:⁶ 17,053 patients

Median time spent in the ED⁸ 3 hours and 10 minutes

90th percentile time spent in the ED⁹ 6 hours and 43 minutes

Same period last year	NSW (this period)
16,368	
16,366	
3 hours and 3 minutes	2 hours and 44 minutes
6 hours and 19 minutes	6 hours and 55 minutes

Percentage of patients who left the ED by time, October to December 2017



Time patients spent in the ED, by quarter, January 2010 to December 2017^{†‡}



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017
Median time to leaving the ED ⁸ (hours, minutes)	4h 5m	4h 34m	3h 55m	3h 49m	3h 21m	3h 6m	3h 3m	3h 10m
90th percentile time to leaving the ED ⁹ (hours, minutes)	9h 46m	10h 14m	8h 58m	8h 43m	7h 16m	6h 29m	6h 19m	6h 43m

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

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Gosford Hospital: Time patients spent in the ED
By mode of separation
October to December 2017

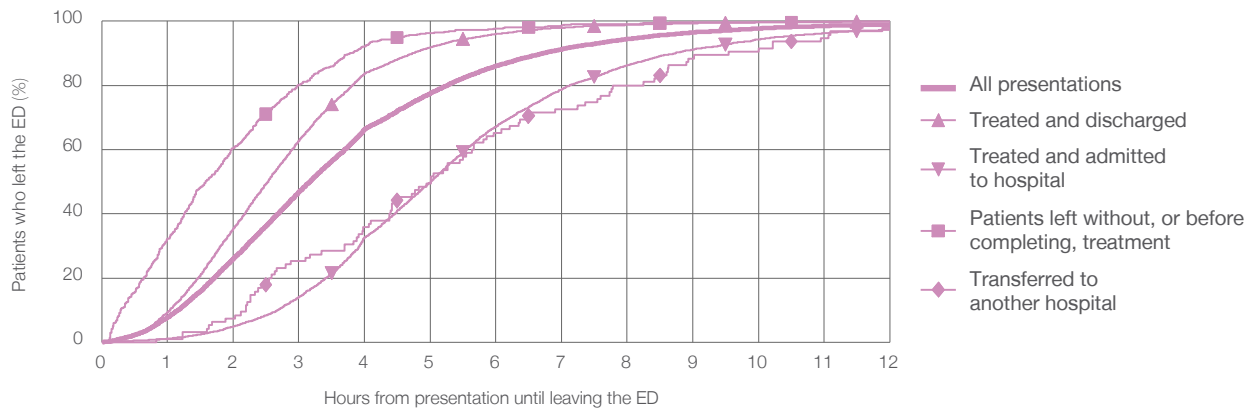
All presentations:¹ 17,053 patients

Presentations used to calculate time to leaving the ED:⁶ 17,053 patients

Treated and discharged	10,359 (60.7%)
Treated and admitted to hospital	5,833 (34.2%)
Patient left without, or before completing, treatment	692 (4.1%)
Transferred to another hospital	95 (0.6%)
Other	74 (0.4%)

Same period last year	Change since one year ago
16,366	4.2%
9,904	4.6%
5,697	2.4%
575	20.3%
131	-27.5%
61	21.3%

Percentage of patients who left the ED by time and mode of separation, October to December 2017^{†‡}



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	9.4%	35.4%	62.8%	83.6%	96.0%	98.8%	99.6%	99.8%
Treated and admitted to hospital	1.1%	4.9%	14.0%	32.7%	67.2%	86.3%	94.4%	97.4%
Patient left without, or before completing, treatment	32.2%	60.4%	80.2%	92.2%	97.7%	99.1%	99.7%	99.9%
Transferred to another hospital	1.1%	7.4%	25.3%	35.8%	65.3%	80.0%	91.6%	97.9%
All presentations	7.8%	26.0%	46.8%	66.4%	86.1%	94.4%	97.8%	99.0%

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Gosford Hospital: Time spent in the ED

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

October to December 2017

All presentations at the emergency department: ¹ 17,053 patients

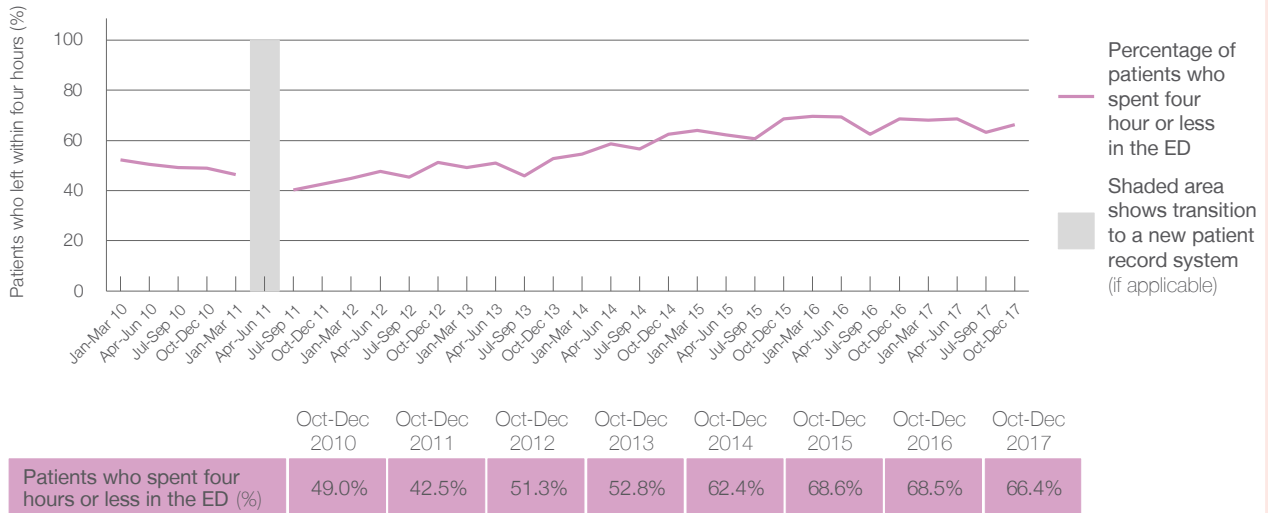
Presentations used to calculate time to leaving the ED: ⁶ 17,053 patients

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



	Same period last year	Change since one year ago
All presentations at the emergency department	16,368	4.2%
Presentations used to calculate time to leaving the ED	16,366	4.2%
Percentage of patients who spent four hours or less in the ED	68.5%	

Percentage of patients who spent four hours or less in the ED, by quarter, January 2010 to December 2017 ^{†‡}



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

† Data points are not shown in graphs for quarters when patient numbers were 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*.

- 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, July to September 2016*.
- 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 23 January 2018).
Transfer of care data from Transfer of Care Reporting System (extracted 23 January 2018).