

Gosford Hospital: Emergency department (ED) overview

October to December 2018

All presentations:¹ 18,166 patients

Emergency presentations:² 18,065 patients

Same period last year	Change since one year ago
17,135	6%
16,990	6%

Gosford Hospital: Time patients waited to start treatment³

October to December 2018

Triage 2 Emergency (e.g. chest pain, severe burns): 2,647 patients

Median time to start treatment⁴ 7 minutes

90th percentile time to start treatment⁵ 21 minutes

Triage 3 Urgent (e.g. moderate blood loss, dehydration): 7,179 patients

Median time to start treatment⁴ 27 minutes

90th percentile time to start treatment⁵ 97 minutes

Triage 4 Semi-urgent (e.g. sprained ankle, earache): 7,402 patients

Median time to start treatment⁴ 41 minutes

90th percentile time to start treatment⁵ 121 minutes

Triage 5 Non-urgent (e.g. small cuts or abrasions): 621 patients

Median time to start treatment⁴ 37 minutes

90th percentile time to start treatment⁵ 115 minutes

Same period last year	NSW (this period)
2,081	
6 minutes	8 minutes
21 minutes	26 minutes
6,458	
21 minutes	20 minutes
79 minutes	72 minutes
7,667	
33 minutes	26 minutes
110 minutes	104 minutes
598	
29 minutes	23 minutes
107 minutes	104 minutes

Gosford Hospital: Time from presentation until leaving the ED

October to December 2018

Attendances used to calculate time to leaving the ED:⁶ 18,166 patients

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

Same period last year	Change since one year ago
17,135	6%
66%	

* 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: October to December 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 22 January 2019).

Gosford Hospital: Patients presenting to the emergency department October to December 2018

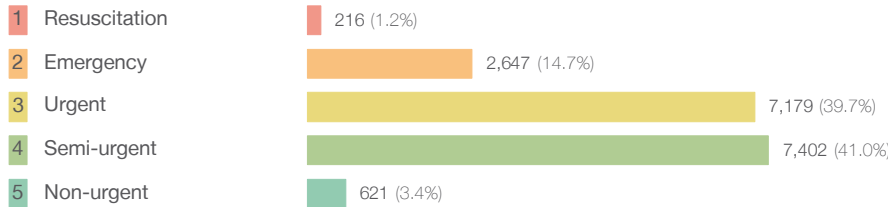
All presentations:¹ 18,166 patients

Same period last year
Change since one year ago

17,135 6%

Emergency presentations² by triage category: 18,065 patients

16,990 6%



186 16.1%

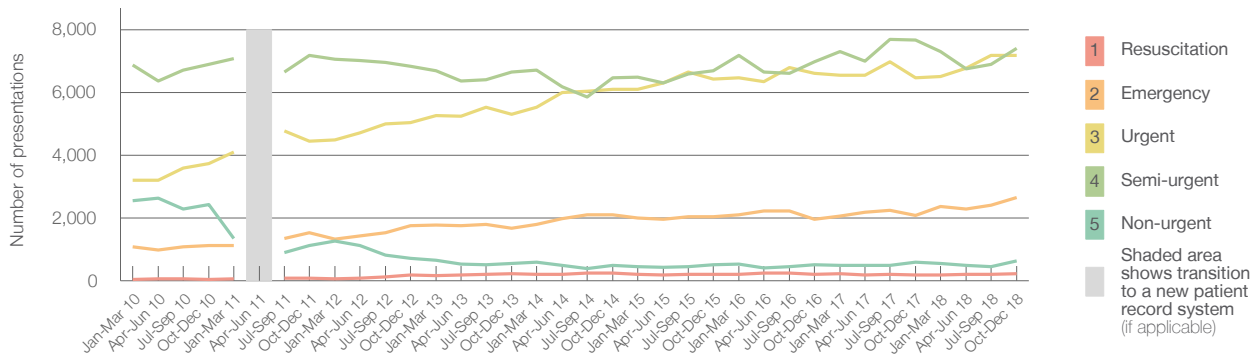
2,081 27.2%

6,458 11.2%

7,667 -3.5%

598 3.8%

Emergency presentations² by quarter, January 2010 to December 2018 †



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017	Oct-Dec 2018
Resuscitation	47	82	172	225	247	197	211	186	216
Emergency	1,126	1,518	1,751	1,664	2,092	2,037	1,957	2,081	2,647
Urgent	3,724	4,445	5,042	5,294	6,091	6,419	6,603	6,458	7,179
Semi-urgent	6,885	7,173	6,833	6,658	6,475	6,699	6,967	7,667	7,402
Non-urgent	2,431	1,112	717	550	486	499	509	598	621
All emergency presentations	14,213	14,330	14,515	14,391	15,391	15,851	16,247	16,990	18,065

Gosford Hospital: Patients arriving by ambulance October to December 2018

Arrivals used to calculate transfer of care time:⁷ 5,100 patients

Same period last year
Change since one year ago

4,573

ED Transfer of care time

Median time 10 minutes

10 minutes 0 minutes

90th percentile time 67 minutes

57 minutes 10 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 2018

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

Number of triage 2 patients: 2,647

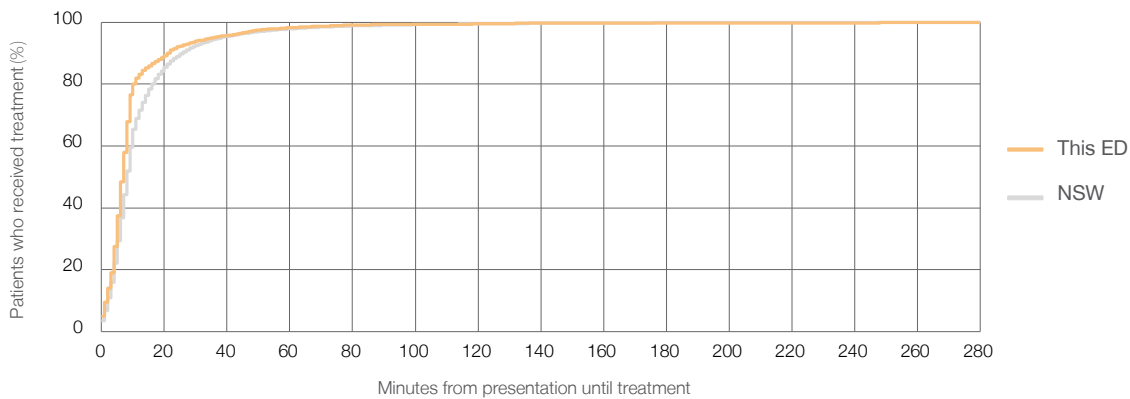
Number of triage 2 patients used to calculate waiting time:³ 2,632

Median time to start treatment⁴ 7 minutes

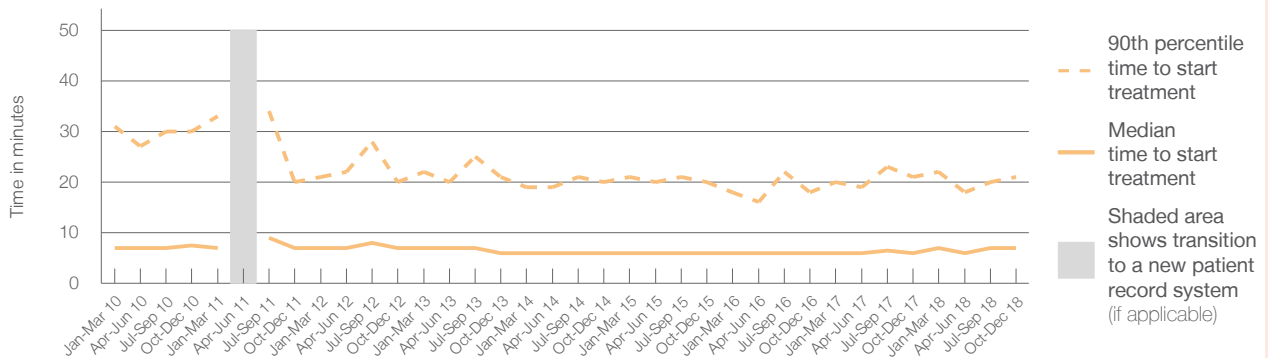
90th percentile time to start treatment⁵ 21 minutes

Same period last year	NSW (this period)
2,081	
2,073	
6 minutes	8 minutes
21 minutes	26 minutes

Percentage of triage 2 patients who received treatment by time, October to December 2018



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



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017	Oct-Dec 2018
Median time to start treatment ⁴ (minutes)	8	7	7	6	6	6	6	6	7
90th percentile time to start treatment ⁵ (minutes)	30	20	20	21	20	20	18	21	21

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Gosford Hospital: Time patients waited to start treatment, triage 3 October to December 2018

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

Number of triage 3 patients: 7,179

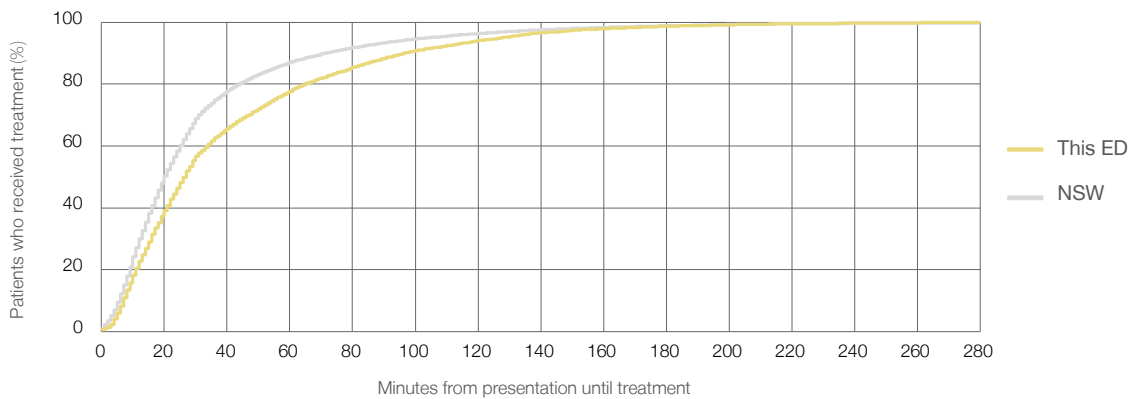
Number of triage 3 patients used to calculate waiting time:³ 7,039

Median time to start treatment⁴ 27 minutes

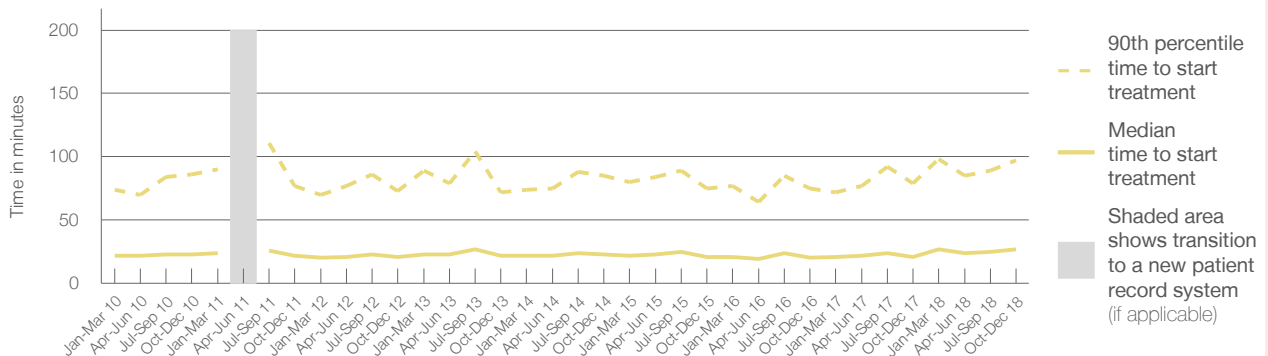
90th percentile time to start treatment⁵ 97 minutes

Same period last year	NSW (this period)
6,458	6,353
21 minutes	20 minutes
79 minutes	72 minutes

Percentage of triage 3 patients who received treatment by time, October to December 2018



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



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017	Oct-Dec 2018
Median time to start treatment ⁴ (minutes)	23	22	21	22	23	21	20	21	27
90th percentile time to start treatment ⁵ (minutes)	86	77	73	72	85	75	75	79	97

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Gosford Hospital: Time patients waited to start treatment, triage 4 October to December 2018

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

Number of triage 4 patients: 7,402

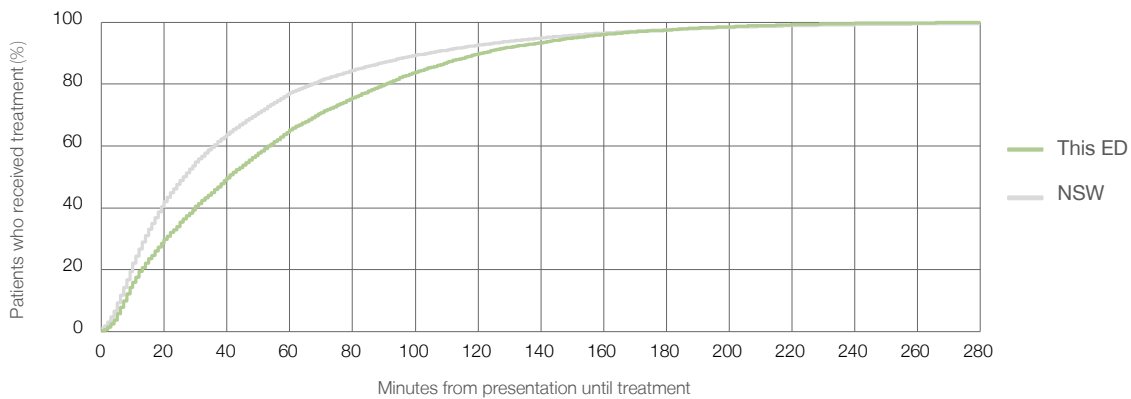
Number of triage 4 patients used to calculate waiting time:³ 7,012

Median time to start treatment⁴ 41 minutes

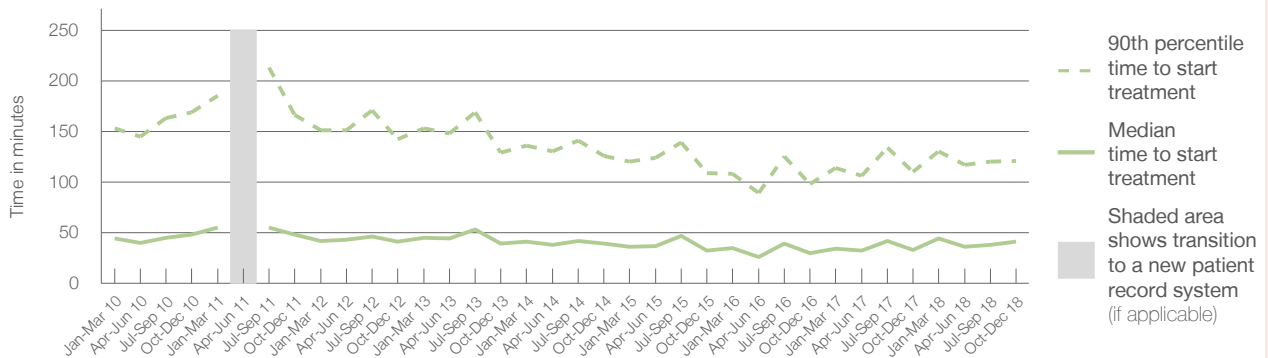
90th percentile time to start treatment⁵ 121 minutes

Same period last year	NSW (this period)
7,667	7,282
33 minutes	26 minutes
110 minutes	104 minutes

Percentage of triage 4 patients who received treatment by time, October to December 2018



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



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017	Oct-Dec 2018
Median time to start treatment ⁴ (minutes)	48	48	41	39	39	32	30	33	41
90th percentile time to start treatment ⁵ (minutes)	169	166	142	129	126	109	98	110	121

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Gosford Hospital: Time patients waited to start treatment, triage 5 October to December 2018

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

Number of triage 5 patients: 621

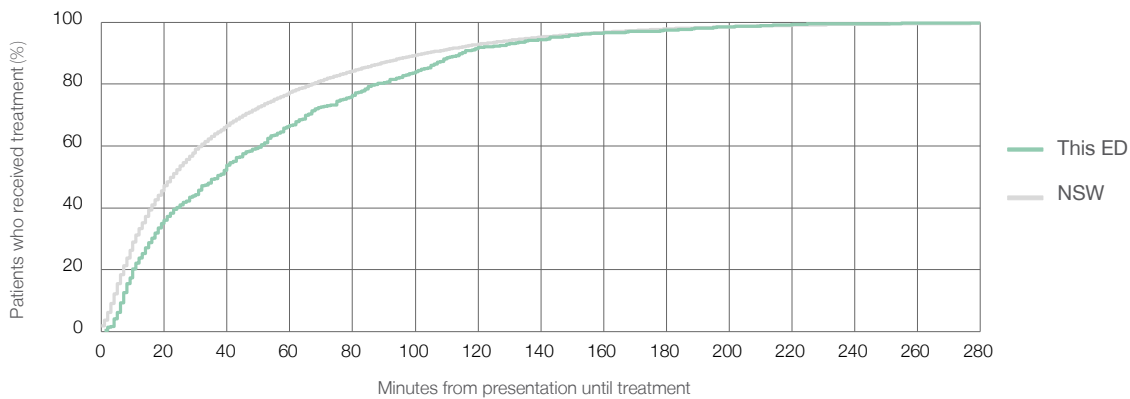
Number of triage 5 patients used to calculate waiting time:³ 506

Median time to start treatment⁴ 37 minutes

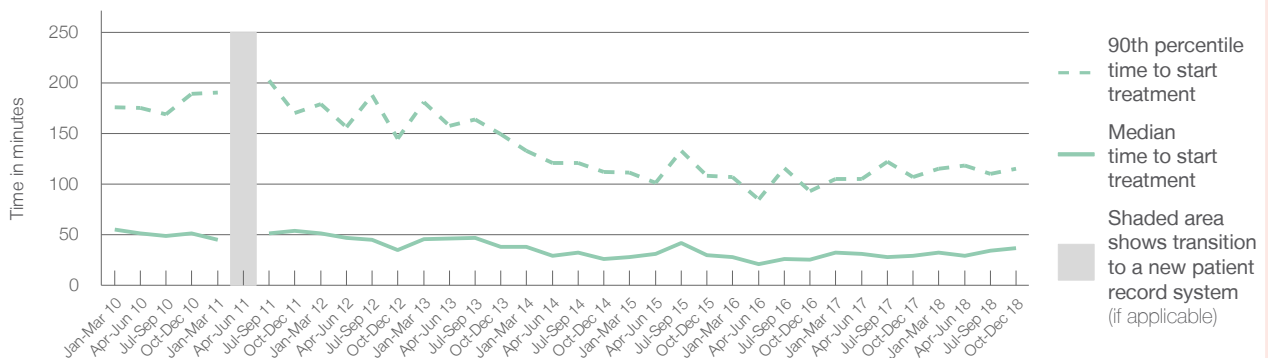
90th percentile time to start treatment⁵ 115 minutes

Same period last year	NSW (this period)
598	500
29 minutes	23 minutes
107 minutes	104 minutes

Percentage of triage 5 patients who received treatment by time, October to December 2018



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



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017	Oct-Dec 2018
Median time to start treatment ⁴ (minutes)	51	54	35	38	26	30	26	29	37
90th percentile time to start treatment ⁵ (minutes)	189	170	145	149	112	108	93	107	115

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Gosford Hospital: Time patients spent in the ED

October to December 2018

All presentations:¹ 18,166 patients

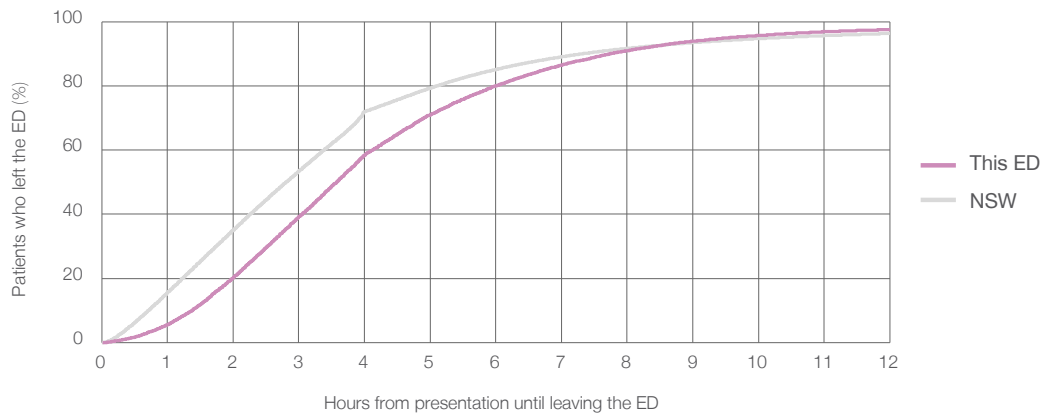
Presentations used to calculate time to leaving the ED:⁶ 18,166 patients

Median time spent in the ED⁸ 3 hours and 35 minutes

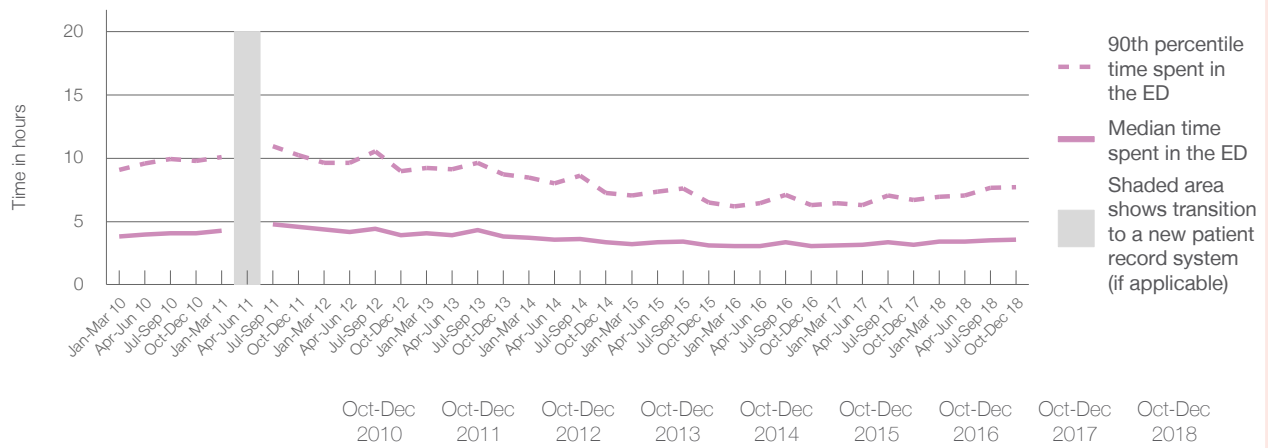
90th percentile time spent in the ED⁹ 7 hours and 44 minutes

Same period last year	NSW (this period)
17,135	17,135
3 hours and 10 minutes	2 hours and 49 minutes
6 hours and 42 minutes	7 hours and 19 minutes

Percentage of patients who left the ED by time, October to December 2018



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



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017	Oct-Dec 2018
Median time spent in the ED ⁸ (hours, minutes)	4h 5m	4h 34m	3h 55m	3h 49m	3h 21m	3h 6m	3h 3m	3h 10m	3h 35m
90th percentile time spent in the ED ⁹ (hours, minutes)	9h 46m	10h 14m	8h 58m	8h 43m	7h 16m	6h 29m	6h 19m	6h 42m	7h 44m

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Gosford Hospital: Time patients spent in the ED
By mode of separation
October to December 2018

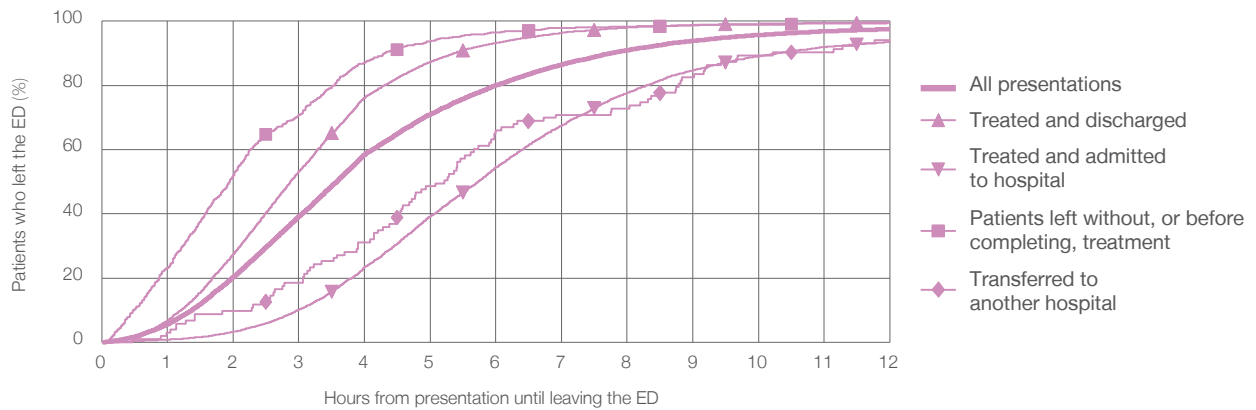
All presentations:¹ 18,166 patients

Presentations used to calculate time to leaving the ED:⁶ 18,166 patients

Treated and discharged	11,058 (60.9%)
Treated and admitted to hospital	6,182 (34.0%)
Patient left without, or before completing, treatment	767 (4.2%)
Transferred to another hospital	103 (0.6%)
Other	56 (0.3%)

Same period last year	Change since one year ago
17,135	6%
10,587	4.4%
5,691	8.6%
697	10.0%
96	7.3%
64	-12.5%

Percentage of patients who left the ED by time and mode of separation, October to December 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	6.8%	27.5%	53.2%	76.2%	93.2%	98.0%	99.2%	99.7%
Treated and admitted to hospital	0.8%	3.3%	10.2%	23.4%	54.5%	77.7%	89.1%	93.6%
Patient left without, or before completing, treatment	23.1%	52.0%	70.8%	87.1%	96.5%	98.3%	99.0%	99.5%
Transferred to another hospital	2.9%	9.7%	18.4%	31.1%	66.0%	72.8%	89.3%	94.2%
All presentations	5.6%	20.4%	39.2%	58.5%	80.1%	91.0%	95.7%	97.6%

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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 2018

All presentations at the emergency department: ¹ 18,166 patients

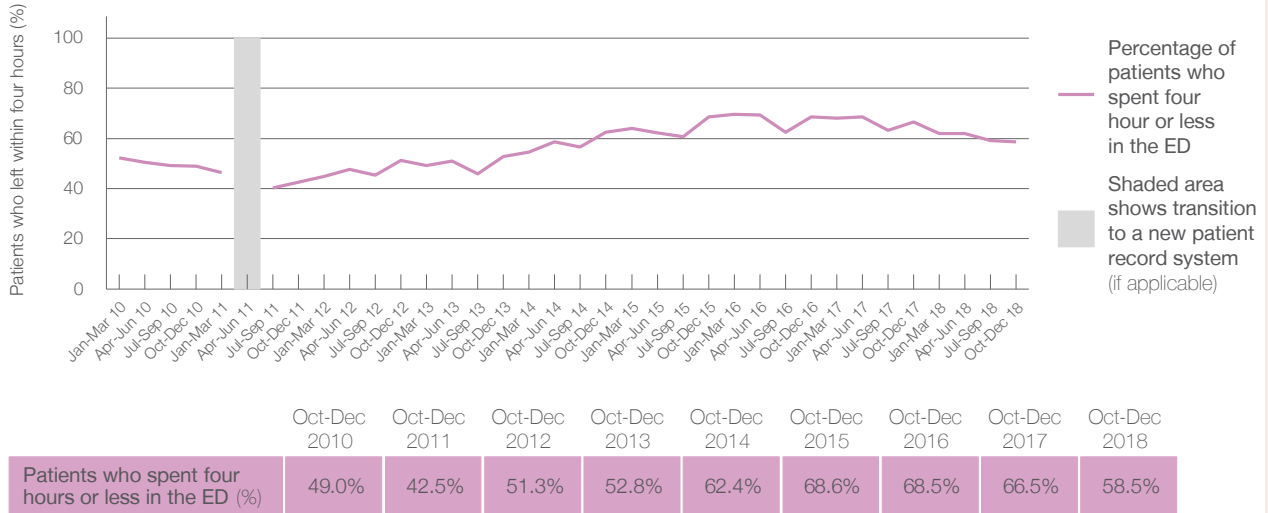
Presentations used to calculate time to leaving the ED: ⁶ 18,166 patients

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



Same period last year	Change since one year ago
17,135	6%
17,135	6%
66.5%	

Percentage of patients who spent four hours or less in the ED, by quarter, January 2010 to December 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: October to December 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 22 January 2019).
Transfer of care data from Transfer of Care Reporting System (extracted 22 January 2019).