More information is available on BHI's interactive portal at www.bhi.nsw.gov.au/healthcare_observer

From March 2017, Hospital Quarterly reports the 90th percentile time, rather than the 95th percentile time, for related ED measures.

Gosford Hospital: Emergency department (ED) overview
October to December 2016

		Same period last year	Change since one year ago
All presentations:[1]	16,373 patients	15,963	2.6%
Emergency presentations:[2]	16,251 patients	15,851	2.5%

Gosford Hospital: Time patients waited to start treatment[3]
October to December 2016

		Same period last year	NSW (this period)
Triage 2 Emergency (e.g. chest pain, severe burns): 1,959 patients		2,037	
Median time to start treatment[4]	6 minutes	6 minutes	8 minutes
90th percentile time to start treatment[5]	18 minutes	20 minutes	26 minutes
Triage 3 Urgent (e.g. moderate blood loss, dehydration): 6,601 patients		6,419	
Median time to start treatment[4]	20 minutes	21 minutes	20 minutes
90th percentile time to start treatment[5]	75 minutes	75 minutes	67 minutes
Triage 4 Semi-urgent (e.g. sprained ankle, earache): 6,971 patients		6,699	
Median time to start treatment[4]	30 minutes	32 minutes	25 minutes
90th percentile time to start treatment[5]	98 minutes	109 minutes	97 minutes
Triage 5 Non-urgent (e.g. small cuts or abrasions): 509 patients		499	
Median time to start treatment[4]	26 minutes	30 minutes	24 minutes
90th percentile time to start treatment[5]	93 minutes	108 minutes	103 minutes

Gosford Hospital: Time from presentation until leaving the ED
October to December 2016

		Same period last year	Change since one year ago
Attendances used to calculate time to leaving the ED:[6]	16,371 patients	15,962	2.6%
Percentage of patients who spent four hours or less in the ED	68.5%	68.6%	

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* Suppressed due to small number of patients and to protect privacy. Relevant graphs are also suppressed.
1. All emergency and non-emergency attendances at the emergency department (ED).
2. All attendances that have a triage category and are coded as emergency presentations or unplanned return visits.
3. Some patients are excluded from ED time measures due to calculation requirements. For details, see the *Technical Supplement: Emergency department measures, January to March 2016.*
4. 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.
5. 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.
6. 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.
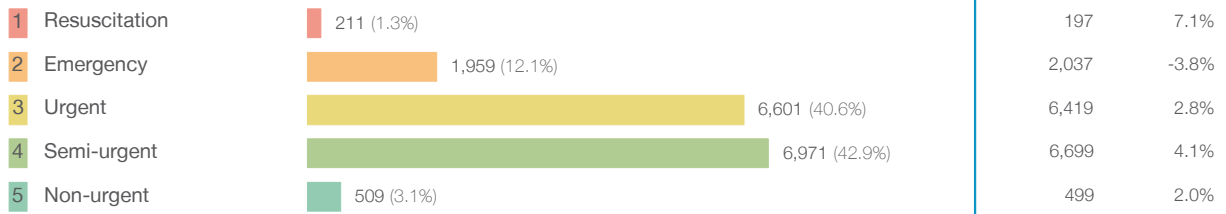
Source: Health Information Exchange, NSW Health (extracted 24 January 2017).

From March 2017, Hospital Quarterly reports the 90th percentile time, rather than the 95th percentile time, for related ED measures.
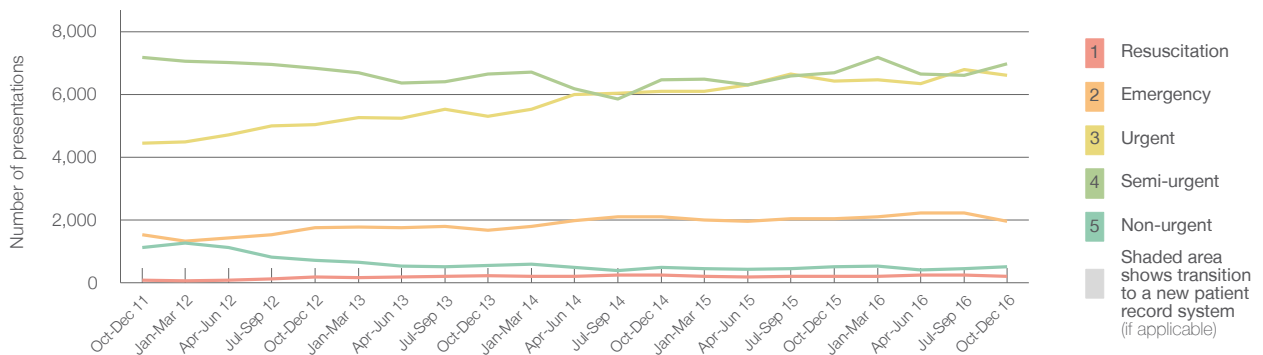
Gosford Hospital: Patients presenting to the emergency department
October to December 2016

		Same period last year	Change since one year ago
All presentations:[1] 16,373 patients		15,963	2.6%
Emergency presentations[2] by triage category: 16,251 patients		15,851	2.5%
1 Resuscitation	211 (1.3%)	197	7.1%
2 Emergency	1,959 (12.1%)	2,037	-3.8%
3 Urgent	6,601 (40.6%)	6,419	2.8%
4 Semi-urgent	6,971 (42.9%)	6,699	4.1%
5 Non-urgent	509 (3.1%)	499	2.0%

Emergency presentations[2] by quarter, October 2011 to December 2016 ‡

	Resuscitation
	Emergency
	Urgent
	Semi-urgent
	Non-urgent

Shaded area shows transition to a new patient record system (if applicable)

	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016
Resuscitation	82	172	225	247	197	211
Emergency	1,518	1,751	1,664	2,092	2,037	1,959
Urgent	4,445	5,042	5,294	6,091	6,419	6,601
Semi-urgent	7,173	6,833	6,658	6,475	6,699	6,971
Non-urgent	1,112	717	550	486	499	509
All emergency presentations	14,330	14,515	14,391	15,391	15,851	16,251

Gosford Hospital: Patients arriving by ambulance
October to December 2016

		Same period last year	Change since one year ago
Arrivals used to calculate transfer of care time:[7] 4,703 patients		4,488	
ED Transfer of care time			
Median time	9 minutes	10 minutes	-1 minute
90th percentile time	36 minutes	71 minutes	-35 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 trans For more information, see Background Paper:
Approaches to reporting time measures of emergency department performance, December 2011.

Gosford Hospital

Principal referral hospitals (A1)
Central Coast Local Health District

From March 2017, Hospital Quarterly reports the 90th percentile time, rather than the 95th percentile time, for related ED measures.

Gosford Hospital: Time patients waited to start treatment, triage 2
October to December 2016

			Same period last year	NSW (this period)
Triage 2 Emergency (e.g. chest pain, severe burns)				
Number of triage 2 patients: 1,959			2,037	
Number of triage 2 patients used to calculate waiting time:[3] 1,952			2,030	
Median time to start treatment [4]		6 minutes	6 minutes	8 minutes
90th percentile time to start treatment [5]		18 minutes	20 minutes	26 minutes

Percentage of triage 2 patients who received treatment by time, October to December 2016
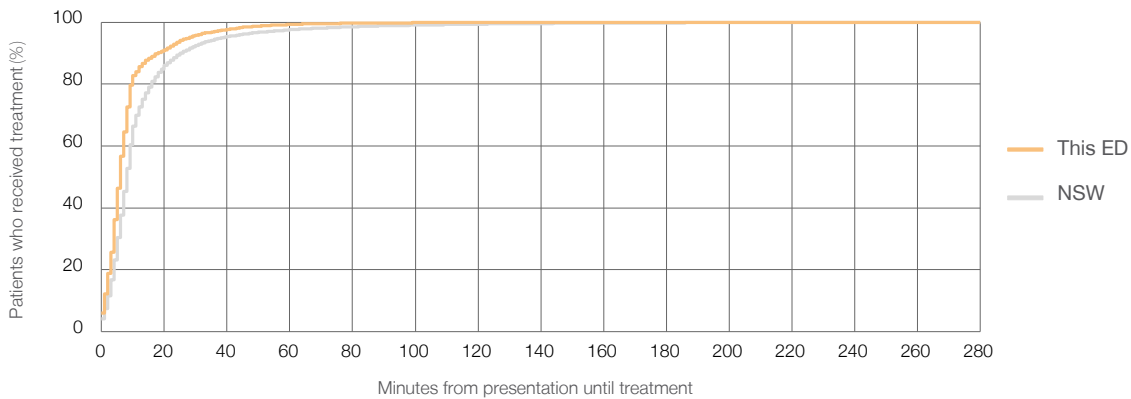
Time patients waited to start treatment (minutes) for triage 2 patients, October 2011 to December 2016 [†‡]
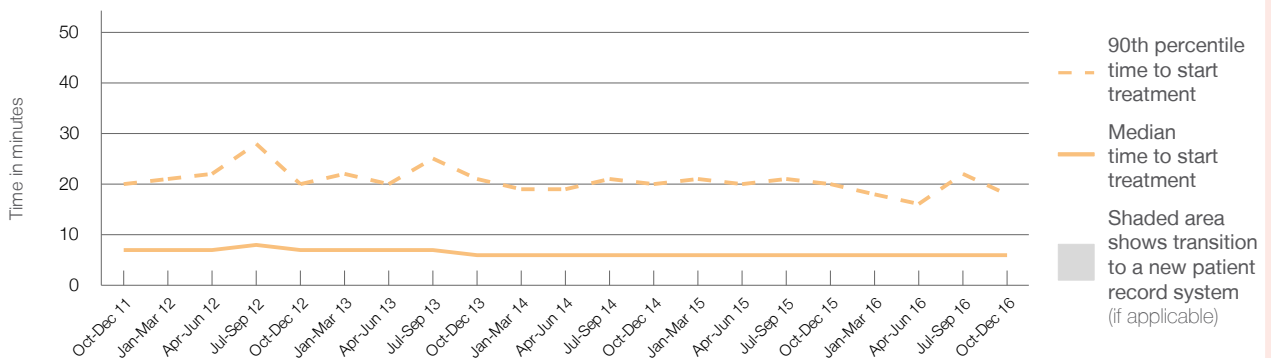
	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016
Median time to start treatment [4] (minutes)	7	7	6	6	6	6
90th percentile time to start treatment [5] (minutes)	20	20	21	20	20	18

(†) 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 trans For more information, see Background Paper:
Approaches to reporting time measures of emergency department performance, December 2011.

Gosford Hospital

Principal referral hospitals (A1)
Central Coast Local Health District

From March 2017, Hospital Quarterly reports the 90th percentile time, rather than the 95th percentile time, for related ED measures.

Gosford Hospital: Time patients waited to start treatment, triage 3
October to December 2016

			Same period last year	NSW (this period)
Triage 3 Urgent (e.g. moderate blood loss, dehydration)				
Number of triage 3 patients: 6,601			6,419	
Number of triage 3 patients used to calculate waiting time:[3] 6,477			6,326	
Median time to start treatment[4]	▬	20 minutes	21 minutes	20 minutes
90th percentile time to start treatment[5]	▬▬	75 minutes	75 minutes	67 minutes

Percentage of triage 3 patients who received treatment by time, October to December 2016
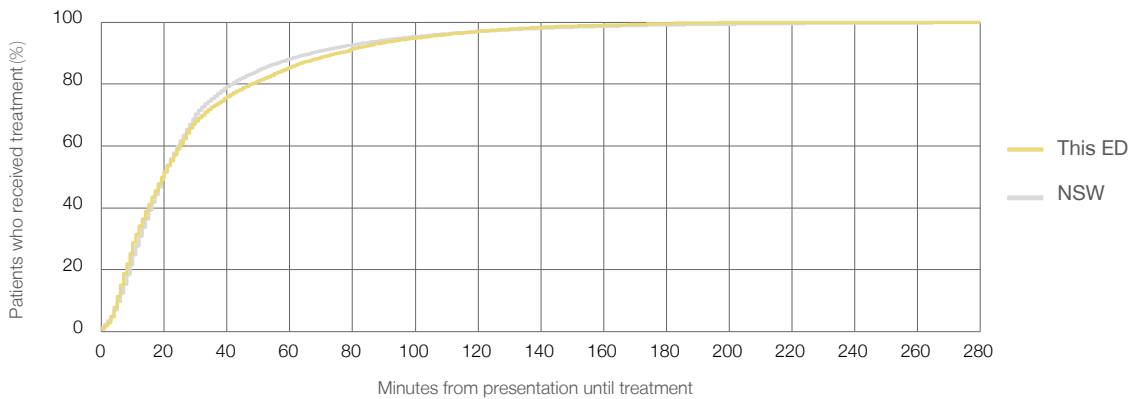
Time patients waited to start treatment (minutes) for triage 3 patients, October 2011 to December 2016[†‡]
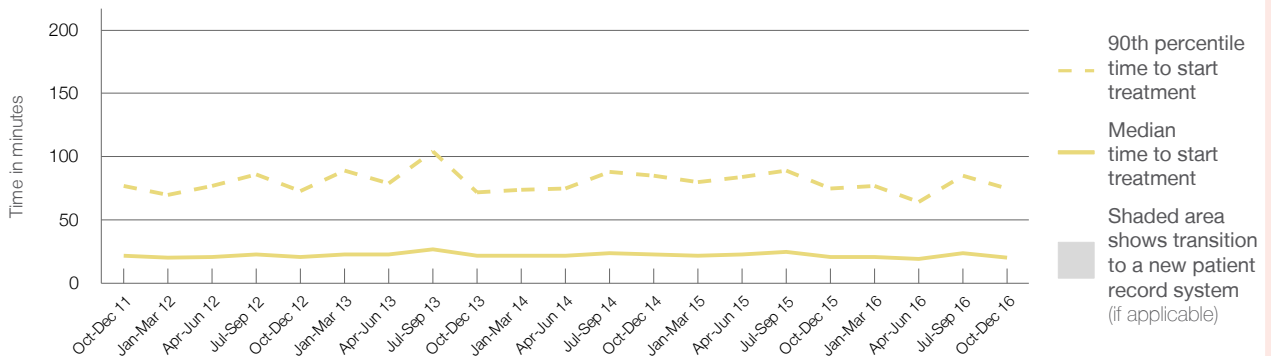
	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016
Median time to start treatment[4] (minutes)	22	21	22	23	21	20
90th percentile time to start treatment[5] (minutes)	77	73	72	85	75	75

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Approaches to reporting time measures of emergency department performance, December 2011.

From March 2017, Hospital Quarterly reports the 90th percentile time, rather than the 95th percentile time, for related ED measures.

Gosford Hospital: Time patients waited to start treatment, triage 4
October to December 2016

			Same period last year	NSW (this period)
Triage 4 Semi-urgent (e.g. sprained ankle, earache)				
Number of triage 4 patients: 6,971			6,699	
Number of triage 4 patients used to calculate waiting time:[3] 6,654			6,386	
Median time to start treatment[4]		30 minutes	32 minutes	25 minutes
90th percentile time to start treatment[5]		98 minutes	109 minutes	97 minutes

Percentage of triage 4 patients who received treatment by time, October to December 2016
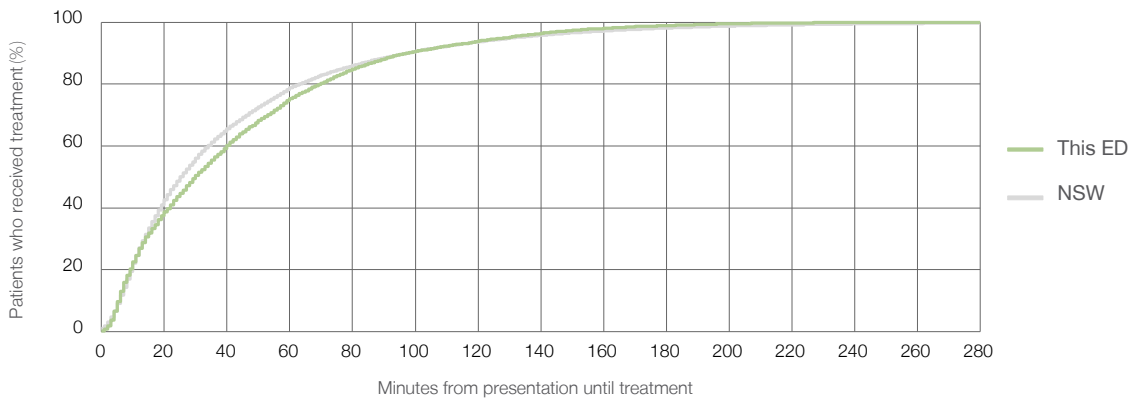
Time patients waited to start treatment (minutes) for triage 4 patients, October 2011 to December 2016[†‡]
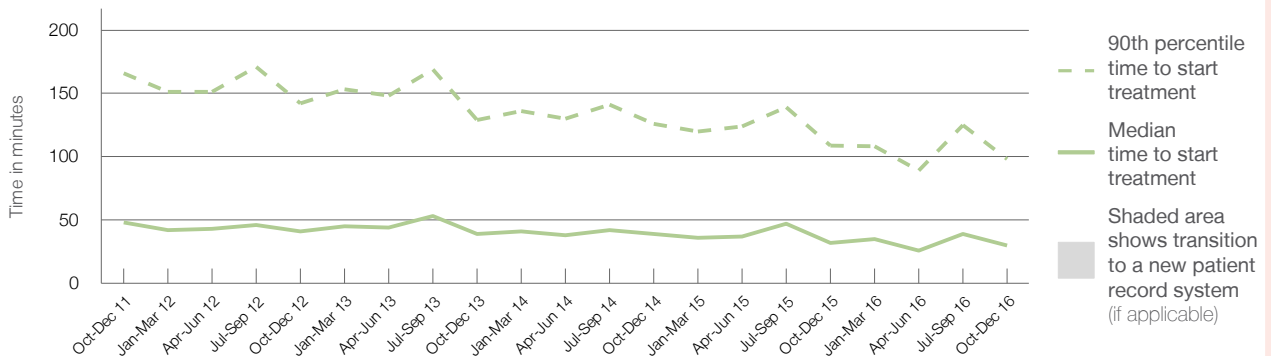
	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016
Median time to start treatment[4] (minutes)	48	41	39	39	32	30
90th percentile time to start treatment[5] (minutes)	166	142	129	126	109	98

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(‡) Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after trans For more information, see Background Paper:
Approaches to reporting time measures of emergency department performance, December 2011.

From March 2017, Hospital Quarterly reports the 90th percentile time, rather than the 95th percentile time, for related ED measures.

Gosford Hospital: Time patients waited to start treatment, triage 5
October to December 2016

		Same period last year	NSW (this period)
Triage 5 Non-urgent (e.g. small cuts or abrasions)			
Number of triage 5 patients: 509		499	
Number of triage 5 patients used to calculate waiting time:[3] 438		427	
Median time to start treatment[4]	26 minutes	30 minutes	24 minutes
90th percentile time to start treatment[5]	93 minutes	108 minutes	103 minutes

Percentage of triage 5 patients who received treatment by time, October to December 2016
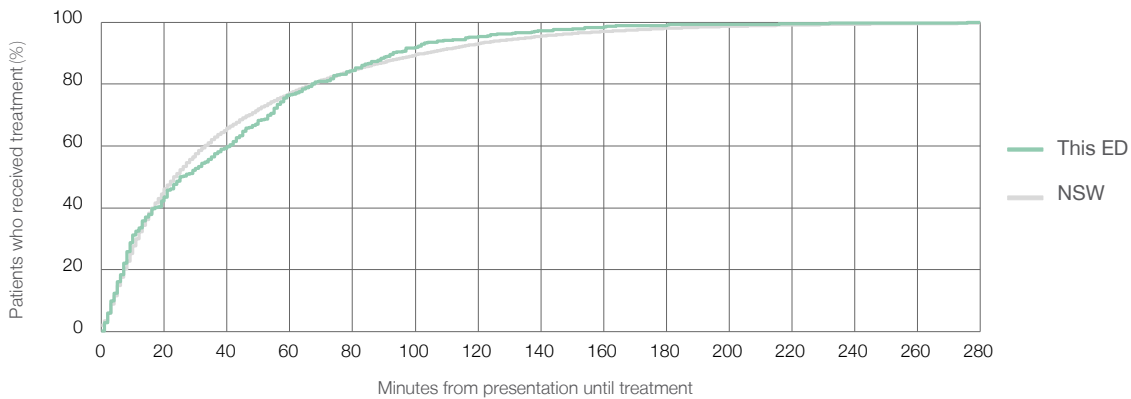
Time patients waited to start treatment (minutes) for triage 5 patients, October 2011 to December 2016[†‡]
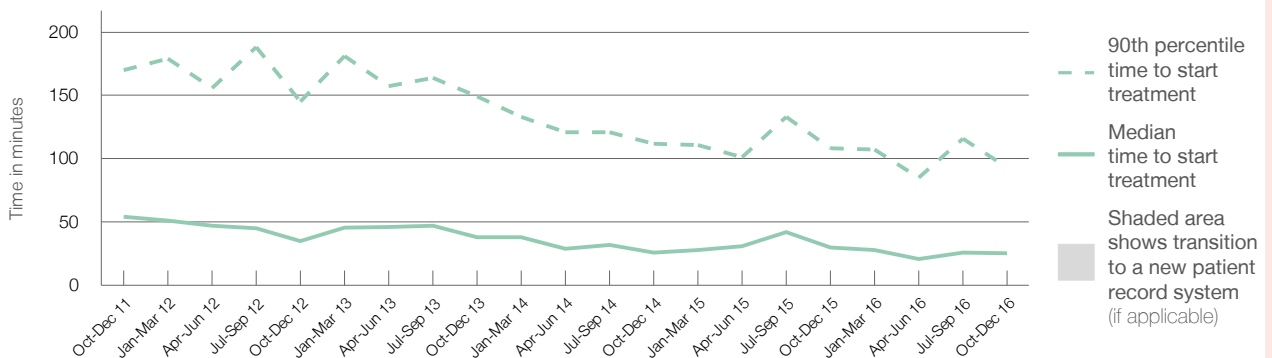
	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016
Median time to start treatment[4] (minutes)	54	35	38	26	30	26
90th percentile time to start treatment[5] (minutes)	170	145	149	112	108	93

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(‡) Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after trans For more information, see Background Paper:
Approaches to reporting time measures of emergency department performance, December 2011.

Gosford Hospital

Principal referral hospitals (A1)
Central Coast Local Health District

From March 2017, Hospital Quarterly reports the 90th percentile time, rather than the 95th percentile time, for related ED measures.

Gosford Hospital: Time patients spent in the ED
October to December 2016

			Same period last year	NSW (this period)
All presentations:[1] 16,373 patients				15,963
Presentations used to calculate time to leaving the ED:[6] 16,371 patients				15,962
Median time spent in the ED [8]		3 hours and 3 minutes	3 hours and 6 minutes	2 hours and 41 minutes
90th percentile time spent in the ED [9]		6 hours and 19 minutes	6 hours and 29 minutes	6 hours and 54 minutes

Percentage of patients who left the ED by time, October to December 2016
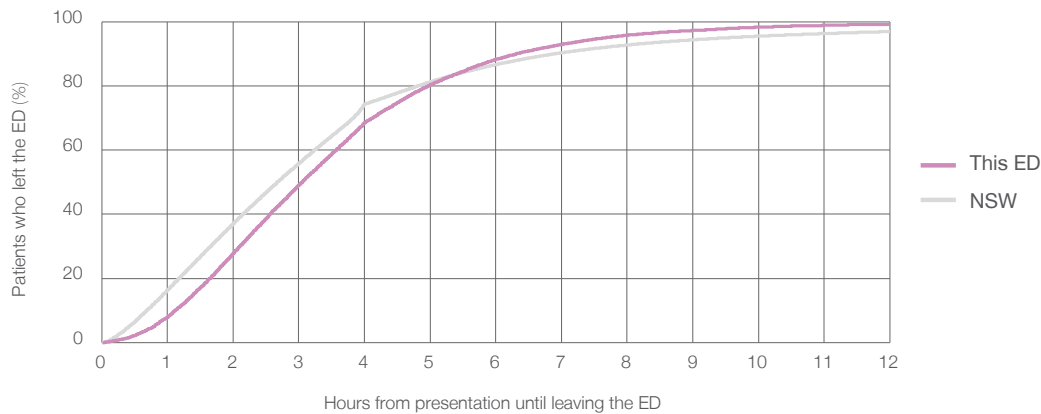
Time patients spent in the ED, by quarter, October 2011 to December 2016 [†‡]

Legend:
- 90th percentile time spent in the ED
- Median time spent in the ED
- Shaded area shows transition to a new patient record system (if applicable)
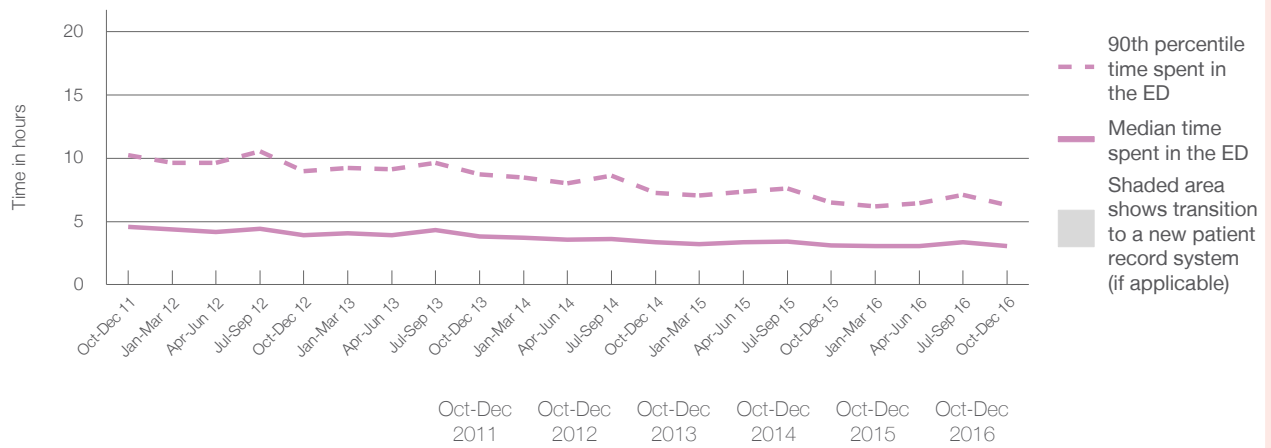
	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016
Median time to leaving the ED [8] (hours, minutes)	4h 34m	3h 55m	3h 49m	3h 21m	3h 6m	3h 3m
90th percentile time to leaving the ED [9] (hours, minutes)	10h 14m	8h 58m	8h 43m	7h 16m	6h 29m	6h 19m

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(†) 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 trans For more information, see Background Paper:
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From March 2017, Hospital Quarterly reports the 90th percentile time, rather than the 95th percentile time, for related ED measures.

Gosford Hospital: Time patients spent in the ED
### By mode of separation
October to December 2016

		Same period last year	Change since one year ago
All presentations:[1] 16,373 patients			
Presentations used to calculate time to leaving the ED:[6] 16,371 patients		15,962	2.6%
Treated and discharged	9,904 (60.5%)	9,344	6.0%
Treated and admitted to hospital	5,696 (34.8%)	5,931	-4.0%
Patient left without, or before completing, treatment	573 (3.5%)	563	1.8%
Transferred to another hospital	131 (0.8%)	83	57.8%
Other	69 (0.4%)	42	64.3%

Percentage of patients who left the ED by time and mode of separation, October to December 2016[†‡]
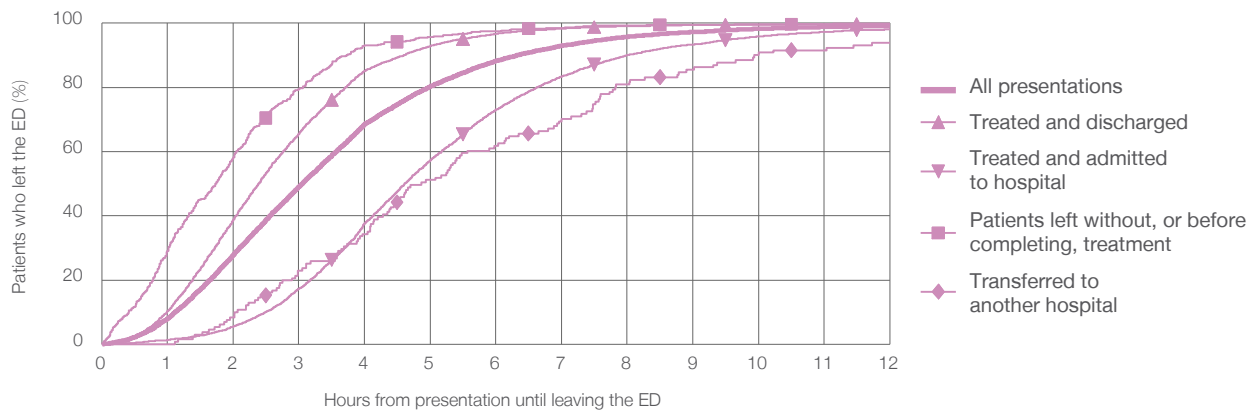
	1 hour	2 hours	3 hours	4 hours	6 hours	8 hours	10 hours	12 hours
Treated and discharged	10.3%	38.8%	65.6%	85.1%	96.7%	99.0%	99.7%	99.9%
Treated and admitted to hospital	1.3%	5.5%	17.3%	37.7%	73.1%	90.1%	95.9%	98.1%
Patient left without, or before completing, treatment	29.1%	58.3%	79.6%	93.0%	97.6%	99.3%	99.5%	99.7%
Transferred to another hospital	0%	8.4%	22.9%	34.4%	61.8%	80.9%	90.8%	93.9%
All presentations	8.0%	27.8%	49.1%	68.5%	88.2%	95.8%	98.3%	99.2%

(†)   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 trans For more information, see Background Paper:
Approaches to reporting time measures of emergency department performance, December 2011.

Gosford Hospital

Principal referral hospitals (A1)
Central Coast Local Health District

From March 2017, Hospital Quarterly reports the 90th percentile time, rather than the 95th percentile time, for related ED measures.

Gosford Hospital: Time spent in the ED
Percentage of patients who spent four hours or less in the ED
October to December 2016

		Same period last year	Change since one year ago
All presentations at the emergency department:[1] 16,373 patients		15,963	2.6%
Presentations used to calculate time to leaving the ED:[6] 16,371 patients		15,962	2.6%
Percentage of patients who spent four hours or less in the ED	68.5%	68.6%	

Percentage of patients who spent four hours or less in the ED, by quarter, October 2011 to December 2016[†‡]

	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016
Patients who left within four hours (%)	42.5%	51.3%	52.8%	62.4%	68.6%	68.5%
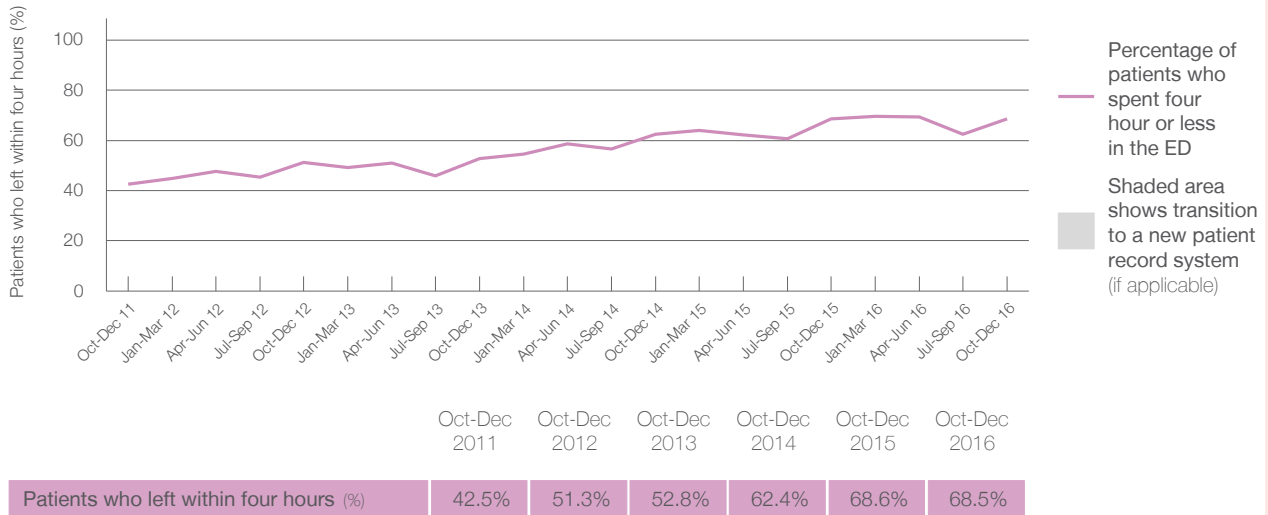
* Suppressed due to small numbers and to protect privacy. Relevant graphs are also suppressed.
† Data points are not shown in graphs for quarters when patient numbers were too small.
‡ Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before 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.*
1. All emergency and non-emergency presentations at the emergency department (ED).
2. All presentations that have a triage category and are coded as emergency presentations or unplanned return visits.
3. Some patients are excluded from ED time measures due to calculation requirements. For details, see the *Technical Supplement: Emergency department measures, January to March 2016.*
4. 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.
5. The 90th percentile is the time by which 90% of patients started treatment. The final 105% of patients took equal to or longer than this time.
6. All presentations that have a departure time.
7. 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.*
8. 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.
9. 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 24 January 2017).
Transfer of care data from Transfer of Care Reporting System (extracted 24 January 2017).

Gosford Hospital

Principal referral hospitals (A1)
Central Coast Local Health District