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
January to March 2017

		Same period last year	Change since one year ago
All presentations:[1]	16,704 patients	16,613	0.5%
Emergency presentations:[2]	16,603 patients	16,470	0.8%

Gosford Hospital: Time patients waited to start treatment[3]
January to March 2017

		Same period last year	NSW (this period)
Triage 2 Emergency (e.g. chest pain, severe burns): 2,055 patients		2,091	
Median time to start treatment[4]	6 minutes	6 minutes	8 minutes
90th percentile time to start treatment[5]	20 minutes	18 minutes	26 minutes
Triage 3 Urgent (e.g. moderate blood loss, dehydration): 6,546 patients		6,462	
Median time to start treatment[4]	21 minutes	21 minutes	20 minutes
90th percentile time to start treatment[5]	72 minutes	77 minutes	69 minutes
Triage 4 Semi-urgent (e.g. sprained ankle, earache): 7,302 patients		7,181	
Median time to start treatment[4]	34 minutes	35 minutes	26 minutes
90th percentile time to start treatment[5]	114 minutes	108 minutes	101 minutes
Triage 5 Non-urgent (e.g. small cuts or abrasions): 480 patients		532	
Median time to start treatment[4]	32 minutes	28 minutes	23 minutes
90th percentile time to start treatment[5]	105 minutes	107 minutes	104 minutes

Gosford Hospital: Time from presentation until leaving the ED
January to March 2017

		Same period last year	Change since one year ago
Attendances used to calculate time to leaving the ED:[6] 16,704 patients		16,613	0.5%
Percentage of patients who spent four hours or less in the ED	68.0%	69.7%	

* 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, July to September 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.
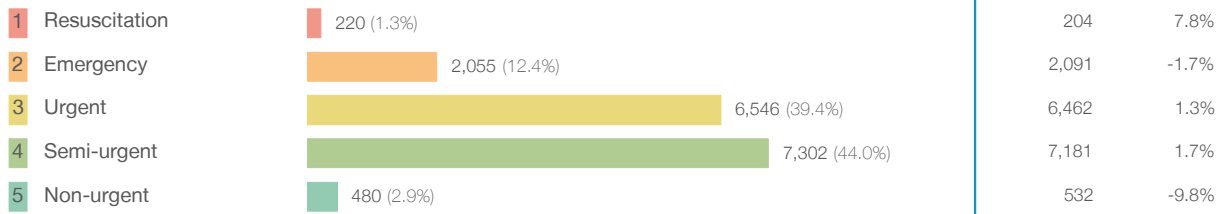
Source: Health Information Exchange, NSW Health (extracted 18 April 2017).

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: Patients presenting to the emergency department
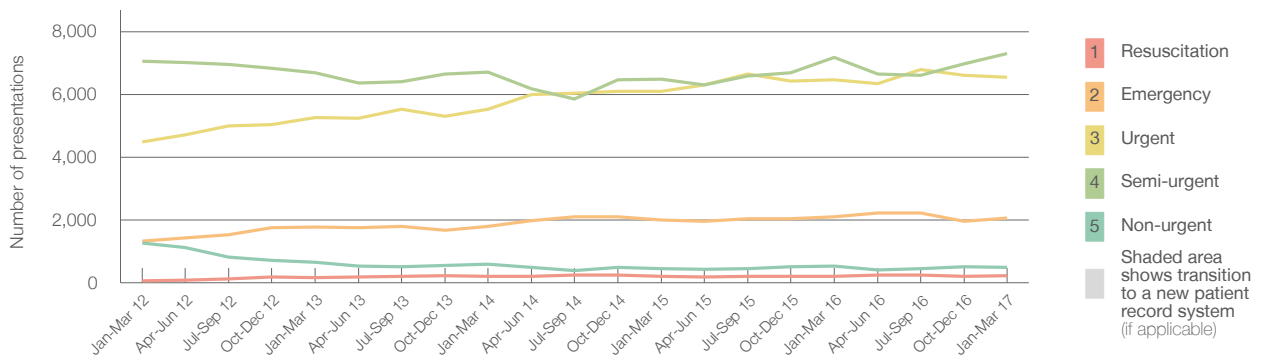January to March 2017

		Same period last year	Change since one year ago
All presentations:[1] 16,704 patients		16,613	0.5%
Emergency presentations[2] by triage category: 16,603 patients		16,470	0.8%
1 Resuscitation	220 (1.3%)	204	7.8%
2 Emergency	2,055 (12.4%)	2,091	-1.7%
3 Urgent	6,546 (39.4%)	6,462	1.3%
4 Semi-urgent	7,302 (44.0%)	7,181	1.7%
5 Non-urgent	480 (2.9%)	532	-9.8%

Emergency presentations[2] by quarter, January 2012 to March 2017 [‡]

	Jan-Mar 2012	Jan-Mar 2013	Jan-Mar 2014	Jan-Mar 2015	Jan-Mar 2016	Jan-Mar 2017
Resuscitation	59	159	200	199	204	220
Emergency	1,314	1,779	1,783	2,004	2,091	2,055
Urgent	4,485	5,257	5,528	6,096	6,462	6,546
Semi-urgent	7,064	6,680	6,716	6,490	7,181	7,302
Non-urgent	1,262	660	589	450	532	480
All emergency presentations	14,184	14,535	14,816	15,239	16,470	16,603

Gosford Hospital: Patients arriving by ambulance
January to March 2017

		Same period last year	Change since one year ago
Arrivals used to calculate transfer of care time:[7] 4,675 patients		4,624	
ED Transfer of care time			
Median time	9 minutes	10 minutes	-1 minute
90th percentile time	44 minutes	59 minutes	-15 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

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
January to March 2017

			Same period last year	NSW (this period)
Triage 2 Emergency (e.g. chest pain, severe burns)				
Number of triage 2 patients: 2,055			2,091	
Number of triage 2 patients used to calculate waiting time:[3] 2,048			2,085	
Median time to start treatment[4]		6 minutes	6 minutes	8 minutes
90th percentile time to start treatment[5]		20 minutes	18 minutes	26 minutes

Percentage of triage 2 patients who received treatment by time, January to March 2017
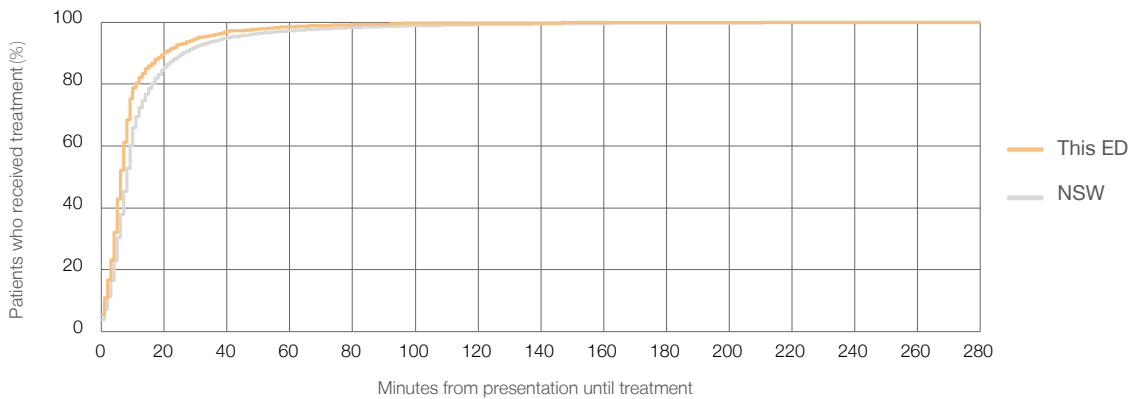
Time patients waited to start treatment (minutes) for triage 2 patients, January 2012 to March 2017 [†‡]
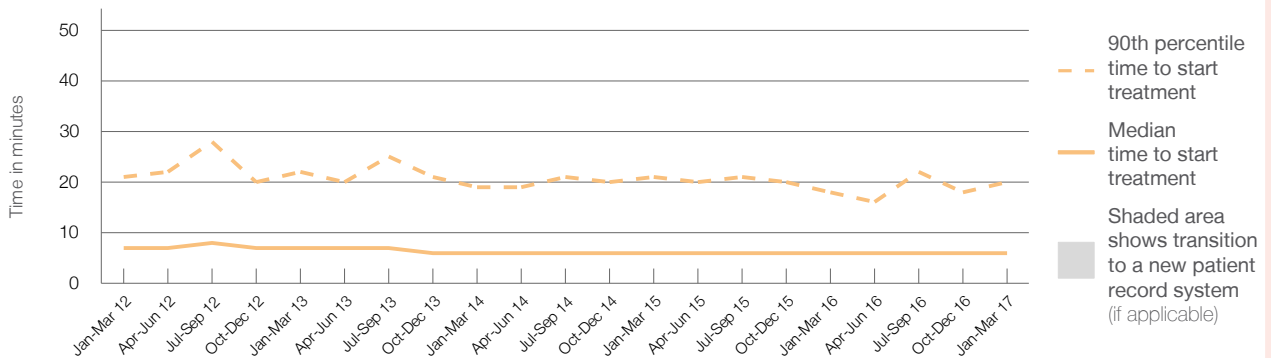
	Jan-Mar 2012	Jan-Mar 2013	Jan-Mar 2014	Jan-Mar 2015	Jan-Mar 2016	Jan-Mar 2017
Median time to start treatment[4] (minutes)	7	7	6	6	6	6
90th percentile time to start treatment[5] (minutes)	21	22	19	21	18	20

(†) 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.

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
January to March 2017

			Same period last year	NSW (this period)
Triage 3 Urgent (e.g. moderate blood loss, dehydration)				
Number of triage 3 patients: 6,546			6,462	
Number of triage 3 patients used to calculate waiting time:[3] 6,448			6,342	
Median time to start treatment[4]		21 minutes	21 minutes	20 minutes
90th percentile time to start treatment[5]		72 minutes	77 minutes	69 minutes

Percentage of triage 3 patients who received treatment by time, January to March 2017
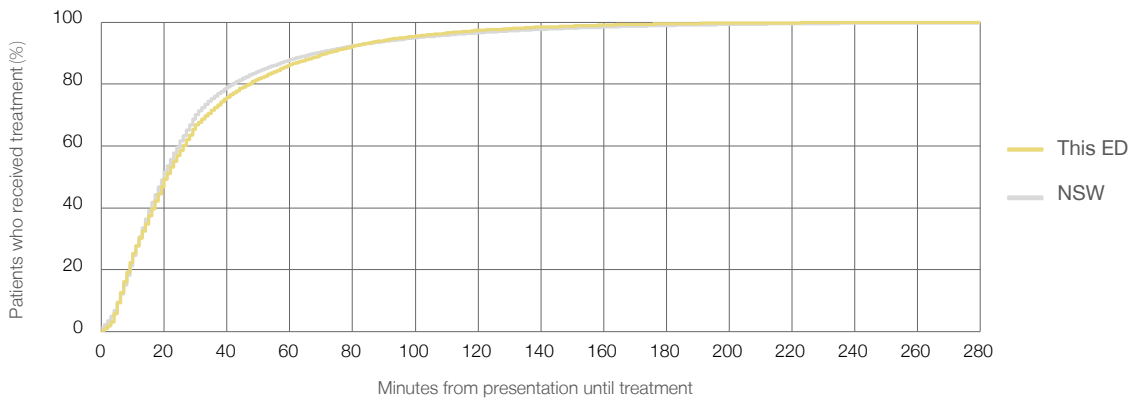
Time patients waited to start treatment (minutes) for triage 3 patients, January 2012 to March 2017 [†‡]
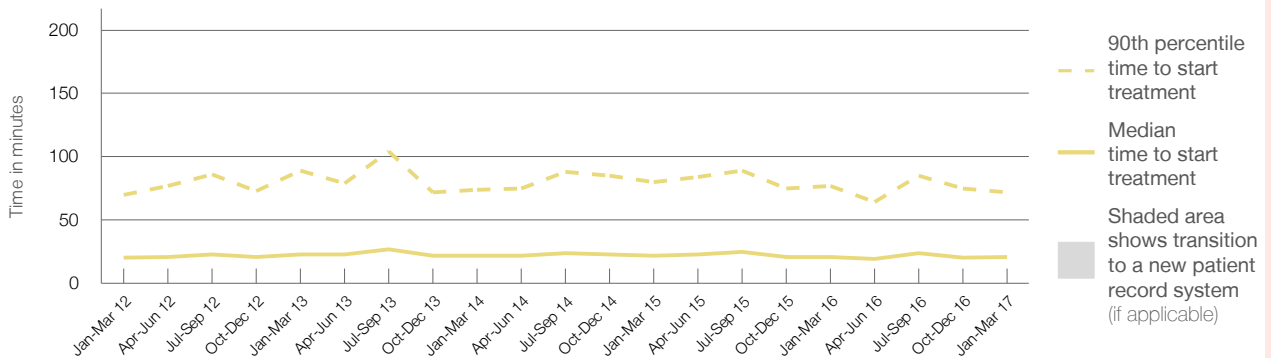
	Jan-Mar 2012	Jan-Mar 2013	Jan-Mar 2014	Jan-Mar 2015	Jan-Mar 2016	Jan-Mar 2017
Median time to start treatment[4] (minutes)	20	23	22	22	21	21
90th percentile time to start treatment[5] (minutes)	70	89	74	80	77	72

(†)   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

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 4
January to March 2017

			Same period last year	NSW (this period)
Triage 4	Semi-urgent (e.g. sprained ankle, earache)			
Number of triage 4 patients: 7,302			7,181	
Number of triage 4 patients used to calculate waiting time:[3] 6,913			6,798	
Median time to start treatment[4]		34 minutes	35 minutes	26 minutes
90th percentile time to start treatment[5]		114 minutes	108 minutes	101 minutes

Percentage of triage 4 patients who received treatment by time, January to March 2017
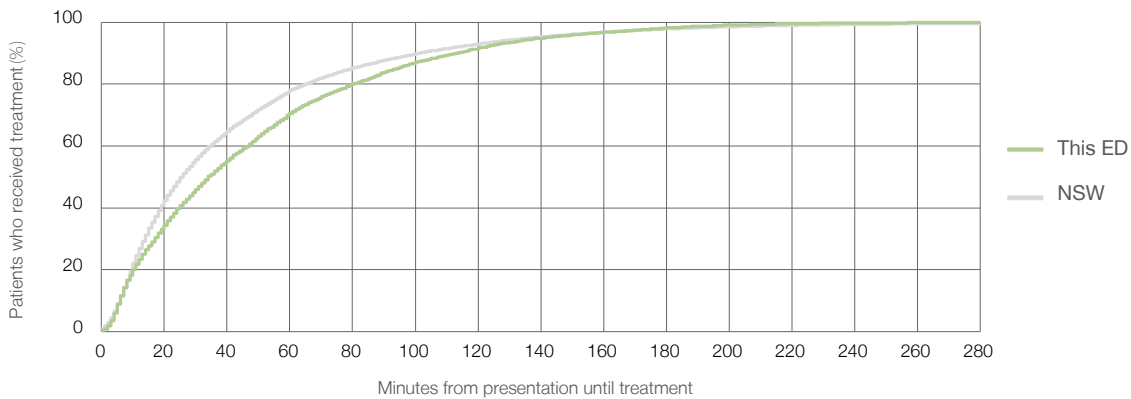
Time patients waited to start treatment (minutes) for triage 4 patients, January 2012 to March 2017[†‡]
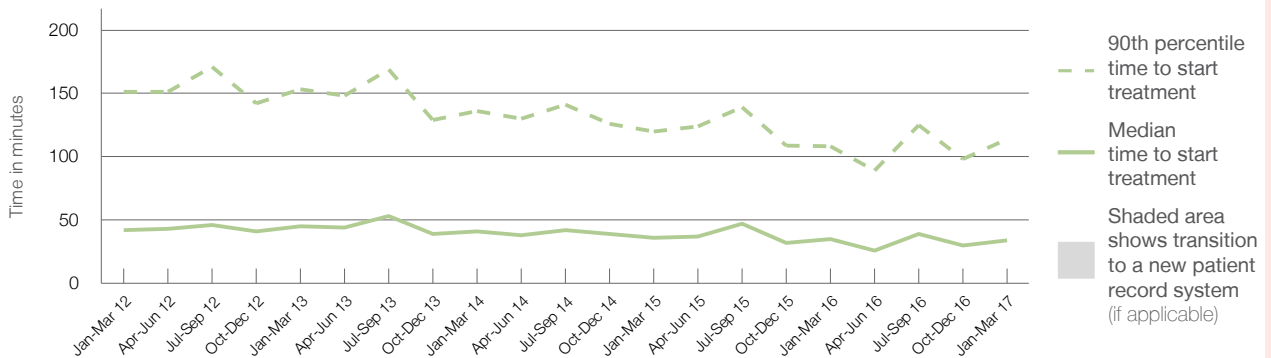
	Jan-Mar 2012	Jan-Mar 2013	Jan-Mar 2014	Jan-Mar 2015	Jan-Mar 2016	Jan-Mar 2017
Median time to start treatment[4] (minutes)	42	45	41	36	35	34
90th percentile time to start treatment[5] (minutes)	151	153	136	120	108	114

(†) 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.

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: Time patients waited to start treatment, triage 5
January to March 2017

			Same period last year	NSW (this period)
Triage 5 Non-urgent (e.g. small cuts or abrasions)				
Number of triage 5 patients: 480			532	
Number of triage 5 patients used to calculate waiting time:³ 389			440	
Median time to start treatment⁴		32 minutes	28 minutes	23 minutes
90th percentile time to start treatment⁵		105 minutes	107 minutes	104 minutes

Percentage of triage 5 patients who received treatment by time, January to March 2017
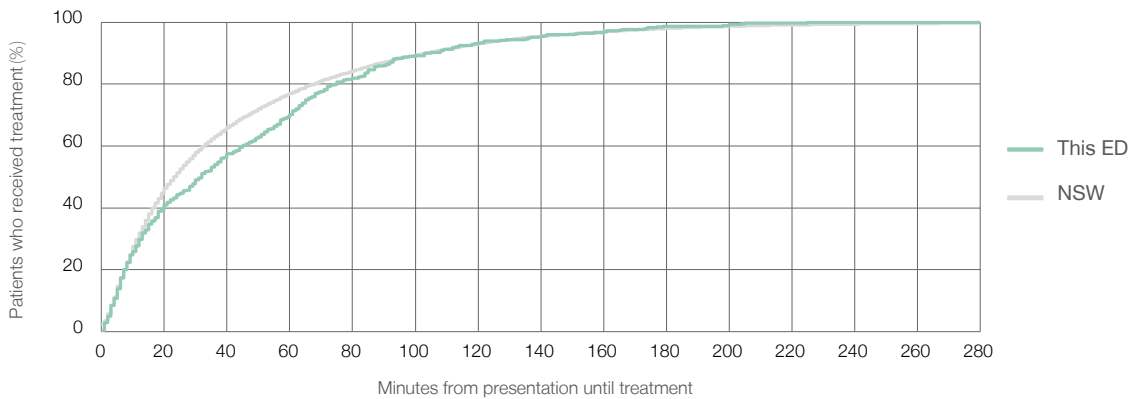
Time patients waited to start treatment (minutes) for triage 5 patients, January 2012 to March 2017 †‡
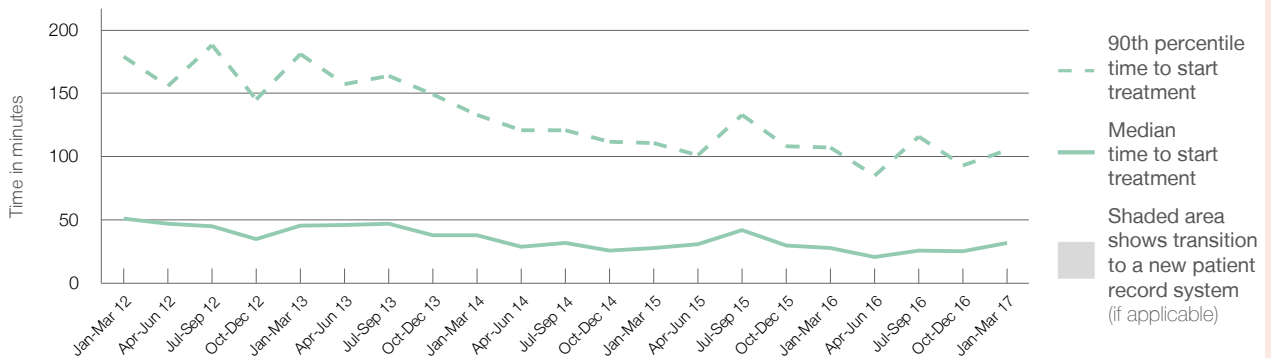
	Jan-Mar 2012	Jan-Mar 2013	Jan-Mar 2014	Jan-Mar 2015	Jan-Mar 2016	Jan-Mar 2017
Median time to start treatment⁴ (minutes)	51	46	38	28	28	32
90th percentile time to start treatment⁵ (minutes)	179	181	133	111	107	105

(†) 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

Principal referral hospitals (A1)
Central Coast Local Health District

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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
January to March 2017

		Same period last year	NSW (this period)
All presentations:[1] 16,704 patients		16,613	
Presentations used to calculate time to leaving the ED:[6] 16,704 patients		16,613	
Median time spent in the ED [8]	3 hours and 6 minutes	3 hours and 4 minutes	2 hours and 44 minutes
90th percentile time spent in the ED [9]	6 hours and 27 minutes	6 hours and 13 minutes	7 hours and 7 minutes

Percentage of patients who left the ED by time, January to March 2017

Patients who left the ED (%) vs Hours from presentation until leaving the ED

— This ED
— NSW
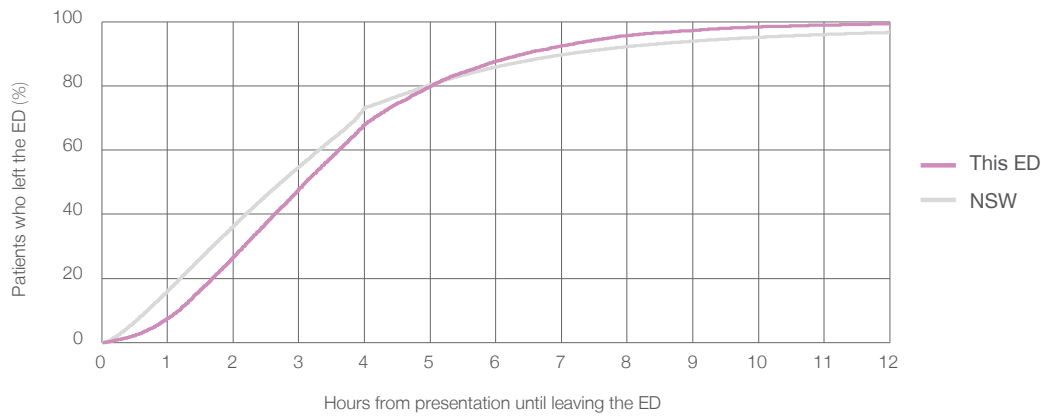
Time patients spent in the ED, by quarter, January 2012 to March 2017 [†‡]

- - - 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)
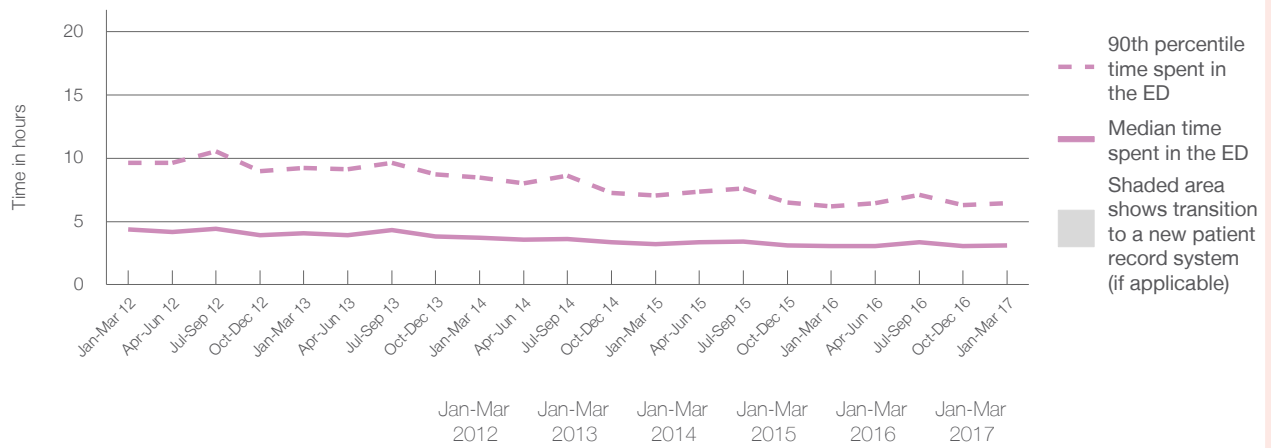
	Jan-Mar 2012	Jan-Mar 2013	Jan-Mar 2014	Jan-Mar 2015	Jan-Mar 2016	Jan-Mar 2017
Median time to leaving the ED [8] (hours, minutes)	4h 22m	4h 5m	3h 44m	3h 14m	3h 4m	3h 6m
90th percentile time to leaving the ED [9] (hours, minutes)	9h 38m	9h 15m	8h 27m	7h 2m	6h 13m	6h 27m

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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 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

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
By mode of separation
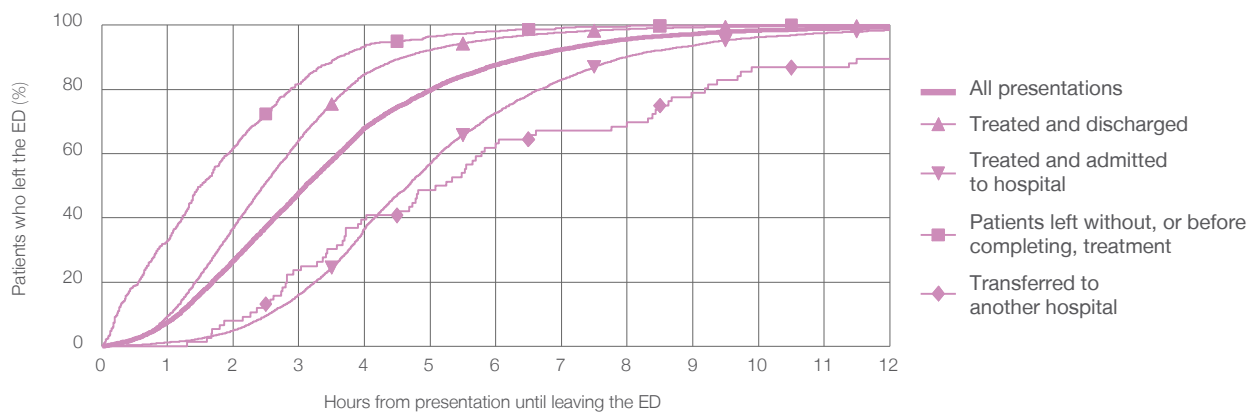January to March 2017

All presentations:[1] 16,704 patients

Presentations used to calculate time to leaving the ED:[6] 16,704 patients

		Same period last year	Change since one year ago
Presentations used to calculate time to leaving the ED		16,613	0.5%
Treated and discharged	10,026 (60.0%)	9,749	2.8%
Treated and admitted to hospital	5,897 (35.3%)	6,079	-3.0%
Patient left without, or before completing, treatment	648 (3.9%)	654	-0.9%
Transferred to another hospital	76 (0.5%)	78	-2.6%
Other	57 (0.3%)	53	7.5%

Percentage of patients who left the ED by time and mode of separation, January to March 2017[†‡]

Hours from presentation until leaving the ED

Legend:
- All presentations
- Treated and discharged
- Treated and admitted to hospital
- Patients left without, or before completing, treatment
- Transferred to another hospital

	1 hour	2 hours	3 hours	4 hours	6 hours	8 hours	10 hours	12 hours
Treated and discharged	9.4%	37.0%	64.3%	84.8%	95.9%	98.8%	99.6%	99.8%
Treated and admitted to hospital	1.2%	4.9%	16.1%	36.7%	72.7%	90.3%	96.3%	98.5%
Patient left without, or before completing, treatment	32.9%	61.7%	81.8%	93.4%	98.1%	99.7%	100%	100%
Transferred to another hospital	0%	7.9%	23.7%	39.5%	63.2%	69.7%	86.8%	89.5%
All presentations	7.6%	26.7%	47.9%	68.0%	87.7%	95.7%	98.4%	99.3%

(†) 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.

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
January to March 2017

		Same period last year	Change since one year ago
All presentations at the emergency department:[1] 16,704 patients		16,613	0.5%
Presentations used to calculate time to leaving the ED:[6] 16,704 patients		16,613	0.5%
Percentage of patients who spent four hours or less in the ED	68.0%	69.7%	

Percentage of patients who spent four hours or less in the ED, by quarter, January 2012 to March 2017 [†‡]

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

Shaded area shows transition to a new patient record system (if applicable)
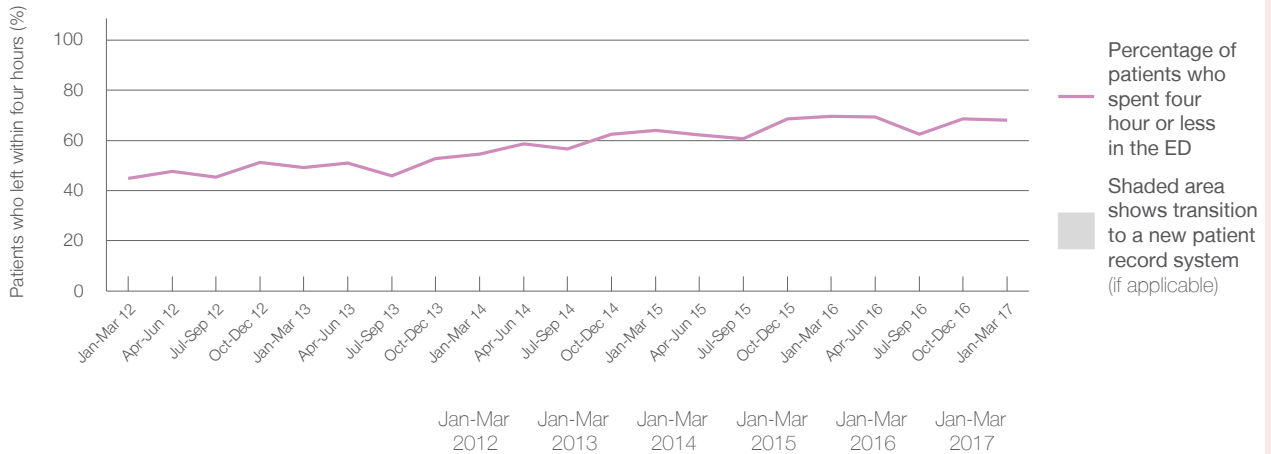
	Jan-Mar 2012	Jan-Mar 2013	Jan-Mar 2014	Jan-Mar 2015	Jan-Mar 2016	Jan-Mar 2017
Patients who left within four hours (%)	44.9%	49.2%	54.5%	64.0%	69.7%	68.0%

* 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, July to September 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 18 April 2017).
Transfer of care data from Transfer of Care Reporting System (extracted 18 April 2017).

Gosford Hospital

Principal referral hospitals (A1)
Central Coast Local Health District