

## Cessnock District Hospital: Emergency department (ED) overview

April to June 2016

All presentations:<sup>1</sup> 4,040 patients  
 Emergency presentations:<sup>2</sup> 3,993 patients

Same period last year	Change since one year ago
4,306	-6.2%
4,220	-5.4%

## Cessnock District Hospital: Time patients waited to start treatment<sup>3</sup>

April to June 2016

**Triage 2** Emergency (e.g. chest pain, severe burns): 255 patients

Median time to start treatment<sup>4</sup> 6 minutes  
 95th percentile time to start treatment<sup>5</sup> 26 minutes

**Triage 3** Urgent (e.g. moderate blood loss, dehydration): 1,056 patients

Median time to start treatment<sup>4</sup> 20 minutes  
 95th percentile time to start treatment<sup>5</sup> 71 minutes

**Triage 4** Semi-urgent (e.g. sprained ankle, earache): 2,055 patients

Median time to start treatment<sup>4</sup> 35 minutes  
 95th percentile time to start treatment<sup>5</sup> 113 minutes

**Triage 5** Non-urgent (e.g. small cuts or abrasions): 620 patients

Median time to start treatment<sup>4</sup> 34 minutes  
 95th percentile time to start treatment<sup>5</sup> 125 minutes

Same period last year	NSW (this period)
216	
6 minutes	8 minutes
33 minutes	36 minutes
1,034	
20 minutes	20 minutes
71 minutes	92 minutes
2,147	
32 minutes	25 minutes
125 minutes	128 minutes
814	
39 minutes	23 minutes
130 minutes	132 minutes

## Cessnock District Hospital: Time from presentation until leaving the ED

April to June 2016

Attendances used to calculate time to leaving the ED:<sup>6</sup> 4,040 patients

Percentage of patients who spent four hours or less in the ED 87.9%

Same period last year	Change since one year ago
4,306	-6.2%
88.0%	

\* 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 95th percentile is the time by which 95% of patients started treatment. The final 5% 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.

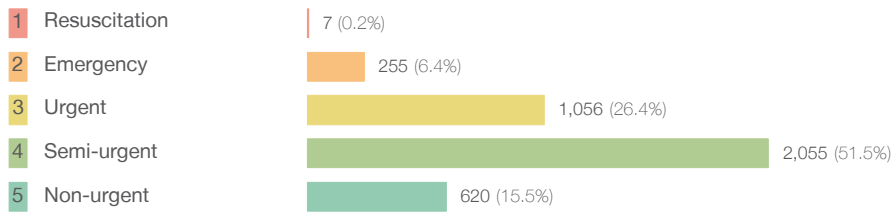
**Source:** Health Information Exchange, NSW Health (extracted 19 July 2016).

## Cessnock District Hospital: Patients presenting to the emergency department

April to June 2016

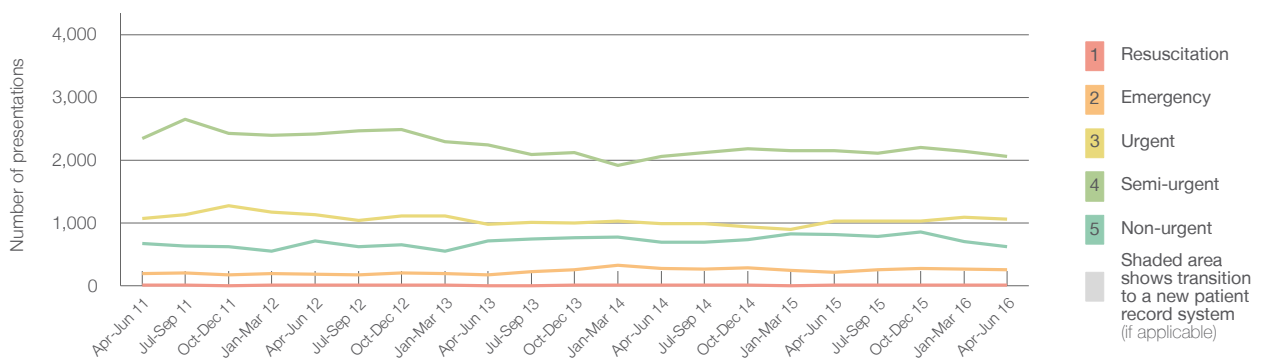
All presentations:<sup>1</sup> 4,040 patients

Emergency presentations<sup>2</sup> by triage category: 3,993 patients



Same period last year	Change since one year ago
4,306	-6.2%
4,220	-5.4%
9	-22.2%
216	18.1%
1,034	2.1%
2,147	-4.3%
814	-23.8%

Emergency presentations<sup>2</sup> by quarter, April 2011 to June 2016 †



	Apr-Jun 2011	Apr-Jun 2012	Apr-Jun 2013	Apr-Jun 2014	Apr-Jun 2015	Apr-Jun 2016
Resuscitation	5	7	< 5	9	9	7
Emergency	192	187	176	274	216	255
Urgent	1,069	1,135	982	989	1,034	1,056
Semi-urgent	2,350	2,415	2,243	2,064	2,147	2,055
Non-urgent	667	708	709	695	814	620
All emergency presentations	4,283	4,452	4,110	4,031	4,220	3,993

## Cessnock District Hospital: Patients arriving by ambulance

April to June 2016

Arrivals used to calculate transfer of care time:<sup>7</sup> 403 patients

ED Transfer of care time



Same period last year	Change since one year ago
406	
11 minutes	-2 minutes
74 minutes	-49 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.

## Cessnock District Hospital: Time patients waited to start treatment, triage 2

April to June 2016

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

Number of triage 2 patients: 255

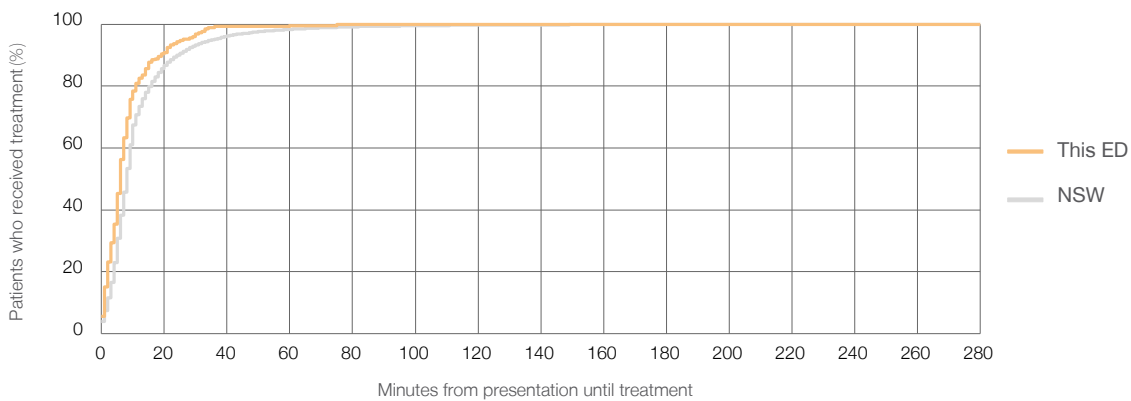
Number of triage 2 patients used to calculate waiting time:<sup>3</sup> 251

Median time to start treatment<sup>4</sup> 6 minutes

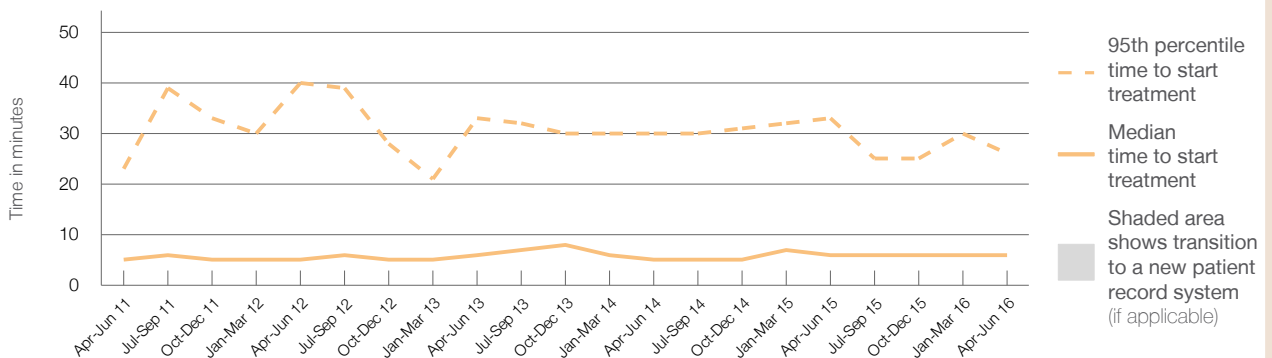
95th percentile time to start treatment<sup>5</sup> 26 minutes

Same period last year	NSW (this period)
216	216
6 minutes	8 minutes
33 minutes	36 minutes

Percentage of triage 2 patients who received treatment by time, April to June 2016



Time patients waited to start treatment (minutes) for triage 2 patients, April 2011 to June 2016<sup>†‡</sup>



	Apr-Jun 2011	Apr-Jun 2012	Apr-Jun 2013	Apr-Jun 2014	Apr-Jun 2015	Apr-Jun 2016
Median time to start treatment <sup>4</sup> (minutes)	5	5	6	5	6	6
95th percentile time to start treatment <sup>5</sup> (minutes)	23	40	33	30	33	26

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

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## Cessnock District Hospital: Time patients waited to start treatment, triage 3

April to June 2016

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

Number of triage 3 patients: 1,056

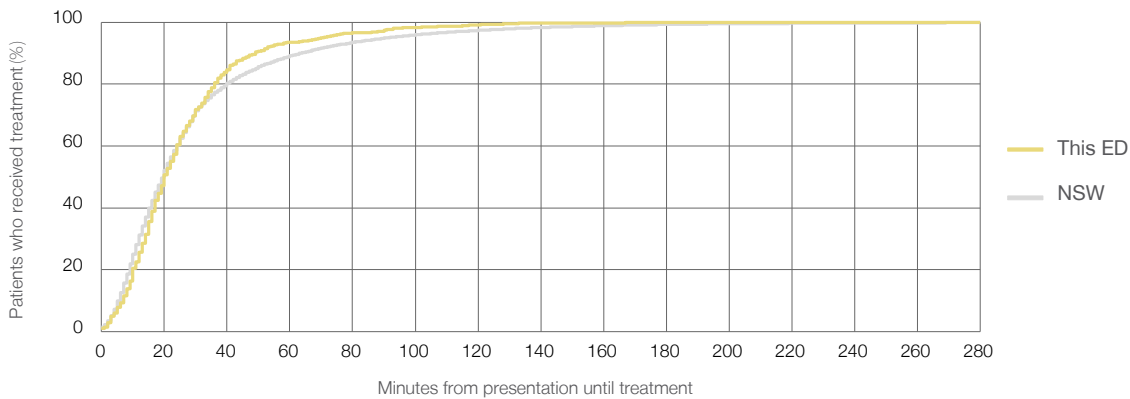
Number of triage 3 patients used to calculate waiting time:<sup>3</sup> 1,033

Median time to start treatment<sup>4</sup> 20 minutes

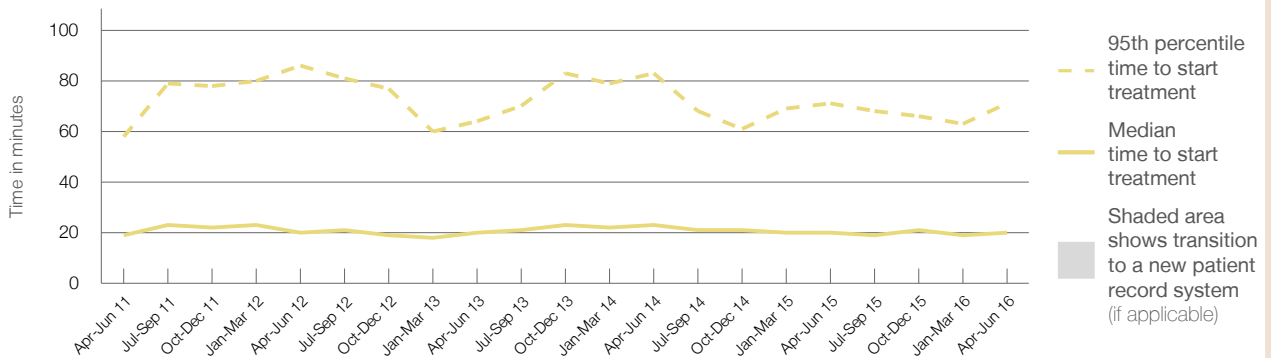
95th percentile time to start treatment<sup>5</sup> 71 minutes

	Same period last year	NSW (this period)
Number of triage 3 patients	1,034	1,010
Median time to start treatment <sup>4</sup>	20 minutes	20 minutes
95th percentile time to start treatment <sup>5</sup>	71 minutes	92 minutes

### Percentage of triage 3 patients who received treatment by time, April to June 2016



### Time patients waited to start treatment (minutes) for triage 3 patients, April 2011 to June 2016<sup>†‡</sup>



	Apr-Jun 2011	Apr-Jun 2012	Apr-Jun 2013	Apr-Jun 2014	Apr-Jun 2015	Apr-Jun 2016
Median time to start treatment <sup>4</sup> (minutes)	19	20	20	23	20	20
95th percentile time to start treatment <sup>5</sup> (minutes)	58	86	64	83	71	71

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## Cessnock District Hospital: Time patients waited to start treatment, triage 4 April to June 2016

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

Number of triage 4 patients: 2,055

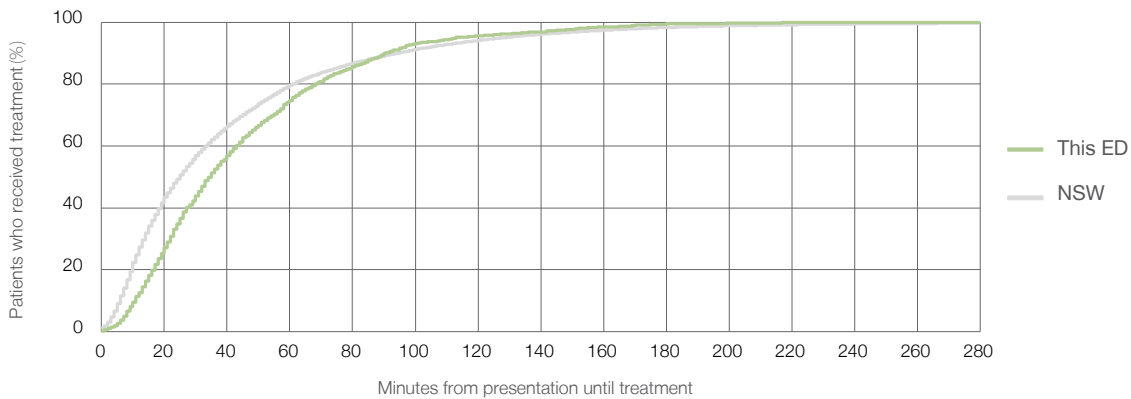
Number of triage 4 patients used to calculate waiting time:<sup>3</sup> 1,904

Median time to start treatment<sup>4</sup> 35 minutes

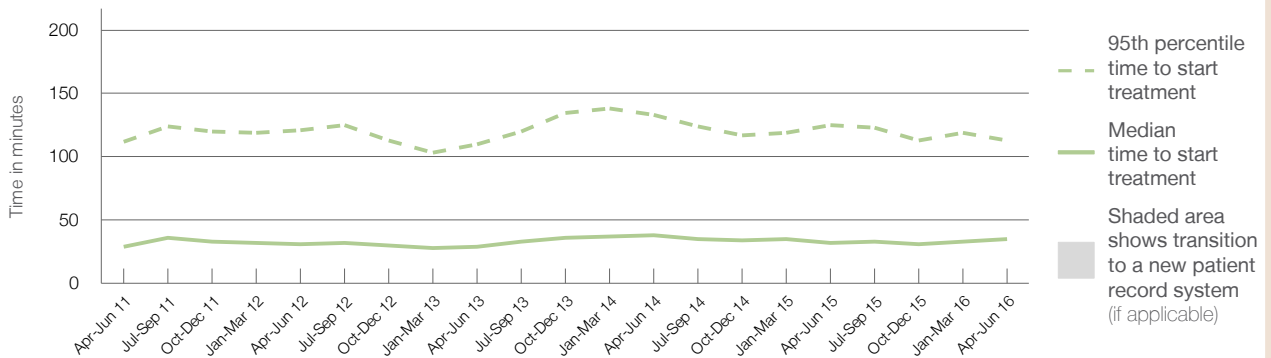
95th percentile time to start treatment<sup>5</sup> 113 minutes

Same period last year	NSW (this period)
2,147	1,990
32 minutes	25 minutes
125 minutes	128 minutes

### Percentage of triage 4 patients who received treatment by time, April to June 2016



### Time patients waited to start treatment (minutes) for triage 4 patients, April 2011 to June 2016<sup>†‡</sup>



	Apr-Jun 2011	Apr-Jun 2012	Apr-Jun 2013	Apr-Jun 2014	Apr-Jun 2015	Apr-Jun 2016
Median time to start treatment <sup>4</sup> (minutes)	29	31	29	38	32	35
95th percentile time to start treatment <sup>5</sup> (minutes)	112	121	110	133	125	113

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## Cessnock District Hospital: Time patients waited to start treatment, triage 5

April to June 2016

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

Number of triage 5 patients: 620

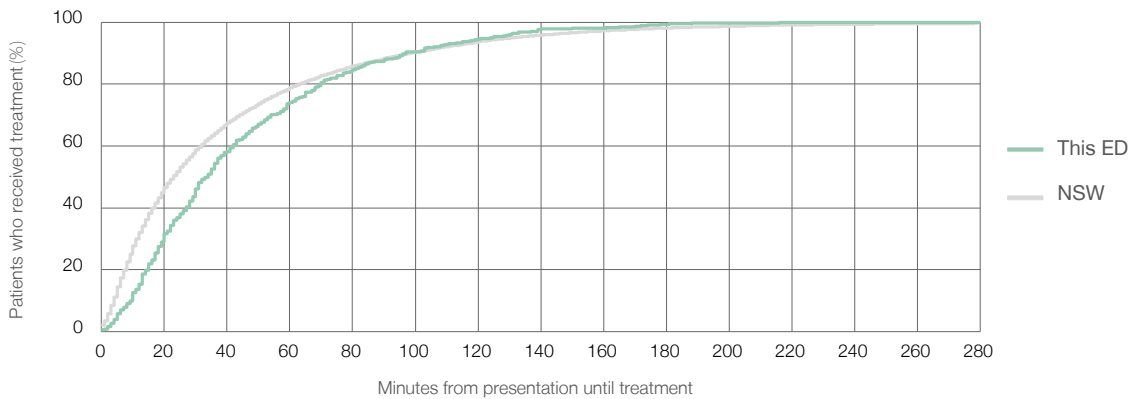
Number of triage 5 patients used to calculate waiting time:<sup>3</sup> 534

Median time to start treatment<sup>4</sup> 34 minutes

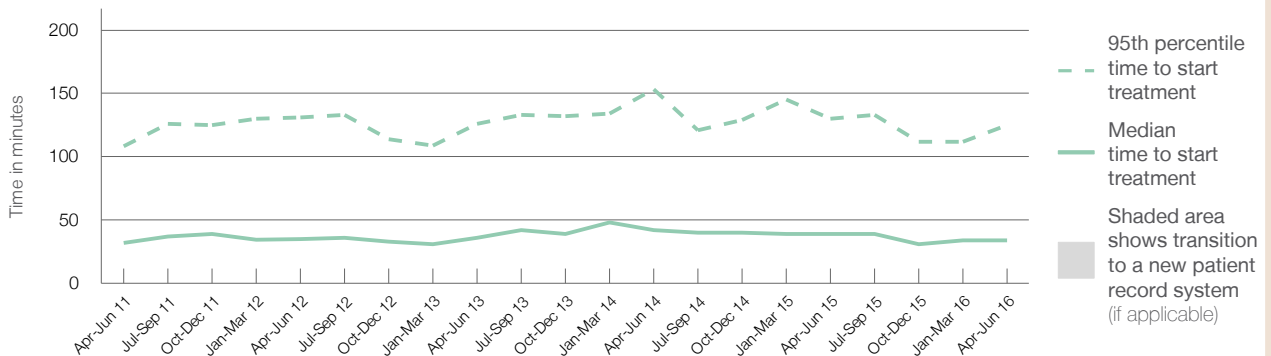
95th percentile time to start treatment<sup>5</sup> 125 minutes

Same period last year	NSW (this period)
814	
698	
39 minutes	23 minutes
130 minutes	132 minutes

Percentage of triage 5 patients who received treatment by time, April to June 2016



Time patients waited to start treatment (minutes) for triage 5 patients, April 2011 to June 2016<sup>†‡</sup>



	Apr-Jun 2011	Apr-Jun 2012	Apr-Jun 2013	Apr-Jun 2014	Apr-Jun 2015	Apr-Jun 2016
Median time to start treatment <sup>4</sup> (minutes)	32	35	36	42	39	34
95th percentile time to start treatment <sup>5</sup> (minutes)	108	131	126	153	130	125

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## Cessnock District Hospital: Time patients spent in the ED

April to June 2016

All presentations:<sup>1</sup> 4,040 patients

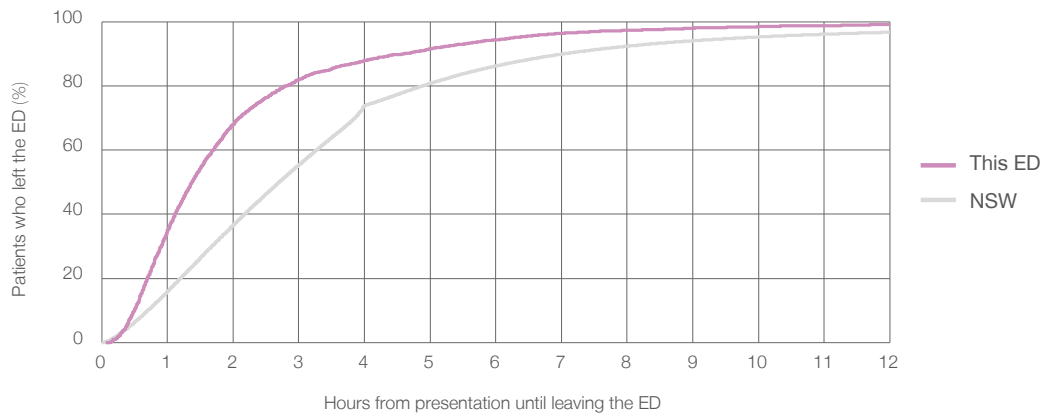
Presentations used to calculate time to leaving the ED:<sup>6</sup> 4,040 patients

Median time spent in the ED<sup>8</sup> 1 hours and 22 minutes

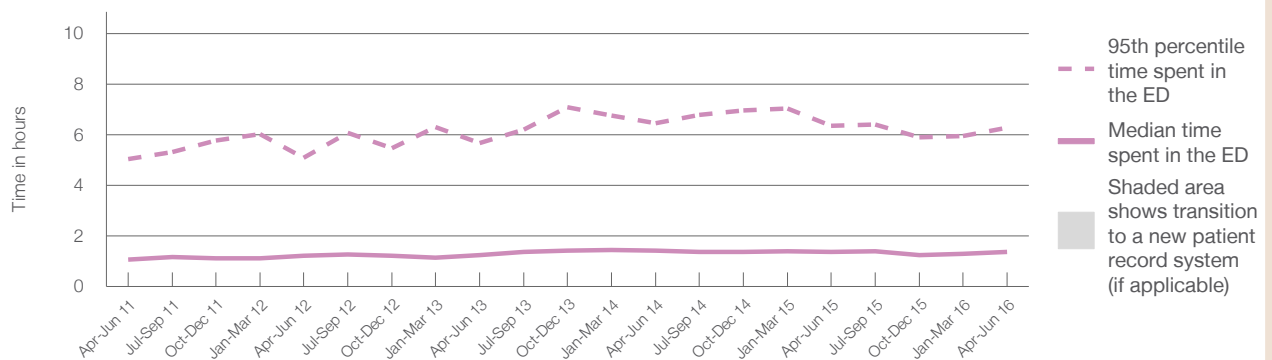
95th percentile time spent in the ED<sup>9</sup> 6 hours and 17 minutes

Same period last year	NSW (this period)
4,306	4,306
1 hours and 23 minutes	2 hours and 42 minutes
6 hours and 22 minutes	9 hours and 47 minutes

Percentage of patients who left the ED by time, April to June 2016



Time patients spent in the ED, by quarter, April 2011 to June 2016<sup>†‡</sup>



	Apr-Jun 2011	Apr-Jun 2012	Apr-Jun 2013	Apr-Jun 2014	Apr-Jun 2015	Apr-Jun 2016
Median time to leaving the ED <sup>8</sup> (hours, minutes)	1h 4m	1h 13m	1h 15m	1h 25m	1h 23m	1h 22m
95th percentile time to leaving the ED <sup>9</sup> (hours, minutes)	5h 3m	5h 5m	5h 40m	6h 28m	6h 22m	6h 17m

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**Cessnock District Hospital: Time patients spent in the ED**  
By mode of separation  
April to June 2016

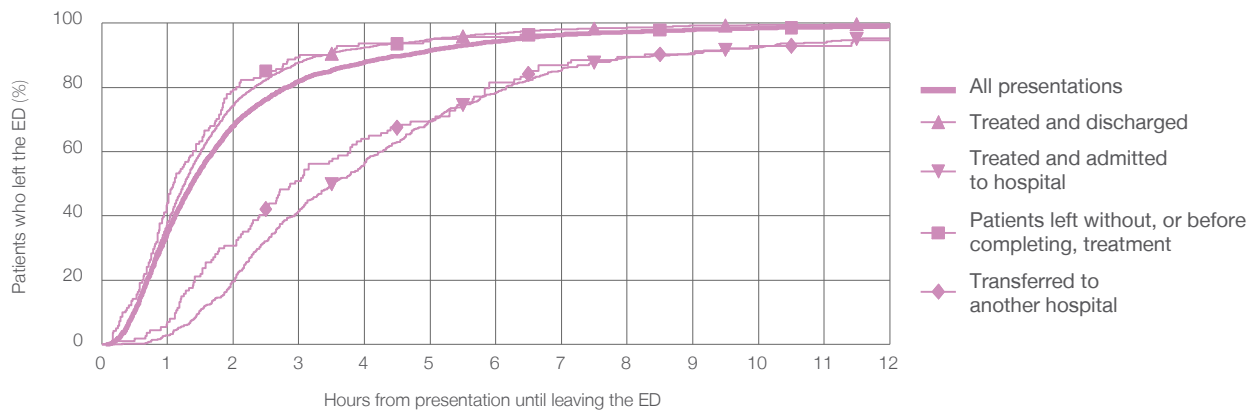
All presentations:<sup>1</sup> 4,040 patients

Presentations used to calculate time to leaving the ED:<sup>6</sup> 4,040 patients

Treated and discharged	3,130 (77.5%)
Treated and admitted to hospital	467 (11.6%)
Patient left without, or before completing, treatment	141 (3.5%)
Transferred to another hospital	114 (2.8%)
Other	188 (4.7%)

	Same period last year	Change since one year ago
	4,306	-6.2%
	3,275	-4.4%
	500	-6.6%
	225	-37.3%
	126	-9.5%
	180	4.4%

Percentage of patients who left the ED by time and mode of separation, April to June 2016<sup>††</sup>



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	38.0%	74.4%	87.8%	92.5%	96.7%	98.6%	99.4%	99.7%
Treated and admitted to hospital	2.8%	19.5%	41.5%	56.5%	78.4%	89.3%	92.5%	95.3%
Patient left without, or before completing, treatment	44.0%	79.4%	89.4%	93.6%	95.7%	97.2%	98.6%	99.3%
Transferred to another hospital	7.0%	30.7%	50.9%	64.0%	81.6%	89.5%	93.0%	94.7%
All presentations	35.1%	68.0%	81.9%	87.9%	94.3%	97.3%	98.4%	99.1%

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

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## Cessnock District Hospital: Time spent in the ED

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

April to June 2016

All presentations at the emergency department:<sup>1</sup> 4,040 patients

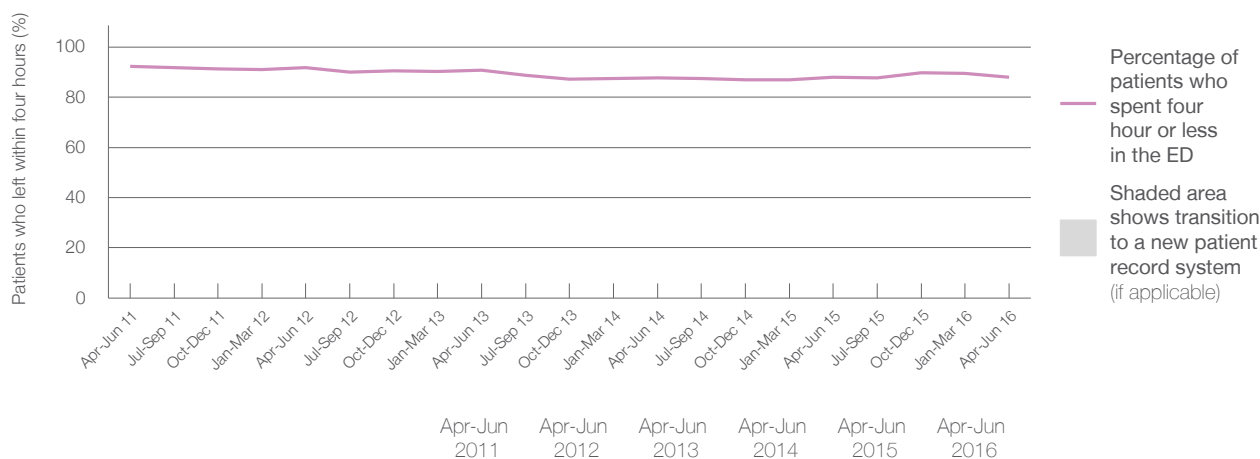
Presentations used to calculate time to leaving the ED:<sup>6</sup> 4,040 patients

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: <sup>1</sup>	4,306	-6.2%
Presentations used to calculate time to leaving the ED: <sup>6</sup>	4,306	-6.2%
Percentage of patients who spent four hours or less in the ED	88.0%	

### Percentage of patients who spent four hours or less in the ED, by quarter, April 2011 to June 2016<sup>†‡</sup>



Patients who left within four hours (%)	Apr-Jun 2011	Apr-Jun 2012	Apr-Jun 2013	Apr-Jun 2014	Apr-Jun 2015	Apr-Jun 2016
	92.2%	91.8%	90.7%	87.7%	88.0%	87.9%

\* 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, January to March 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 95th percentile is the time by which 95% of patients started treatment. The final 5% 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 95th percentile is the time by which 95% of patients left the ED. The final 5% 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 19 July 2016).  
Transfer of care data from Transfer of Care Reporting System (extracted 15 July 2016).