

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

## Kempsey Hospital: Emergency department (ED) overview

October to December 2016

All presentations:<sup>1</sup> 6,903 patients  
Emergency presentations:<sup>2</sup> 6,746 patients

Same period last year	Change since one year ago
6,256	10.3%
6,083	10.9%

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

October to December 2016

**Triage 2** Emergency (e.g. chest pain, severe burns): 843 patients

Median time to start treatment<sup>4</sup> 12 minutes  
90th percentile time to start treatment<sup>5</sup> 32 minutes

**Triage 3** Urgent (e.g. moderate blood loss, dehydration): 2,236 patients

Median time to start treatment<sup>4</sup> 24 minutes  
90th percentile time to start treatment<sup>5</sup> 61 minutes

**Triage 4** Semi-urgent (e.g. sprained ankle, earache): 2,894 patients

Median time to start treatment<sup>4</sup> 28 minutes  
90th percentile time to start treatment<sup>5</sup> 95 minutes

**Triage 5** Non-urgent (e.g. small cuts or abrasions): 749 patients

Median time to start treatment<sup>4</sup> 28 minutes  
90th percentile time to start treatment<sup>5</sup> 92 minutes

Same period last year	NSW (this period)
619	
11 minutes	8 minutes
26 minutes	26 minutes
2,057	
20 minutes	20 minutes
55 minutes	67 minutes
2,717	
20 minutes	25 minutes
76 minutes	97 minutes
666	
17 minutes	24 minutes
78 minutes	103 minutes

## Kempsey Hospital: Time from presentation until leaving the ED

October to December 2016

Attendances used to calculate time to leaving the ED:<sup>6</sup> 6,899 patients

Percentage of patients who spent four hours or less in the ED 82.2%

Same period last year	Change since one year ago
6,253	10.3%
84.5%	

\* 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, January to March 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.

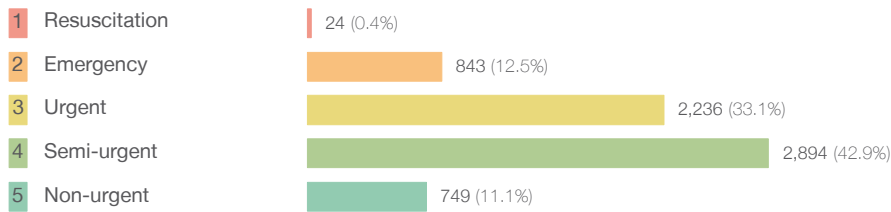
**Source:** Health Information Exchange, NSW Health (extracted 24 January 2017).

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## Kempsey Hospital: Patients presenting to the emergency department October to December 2016

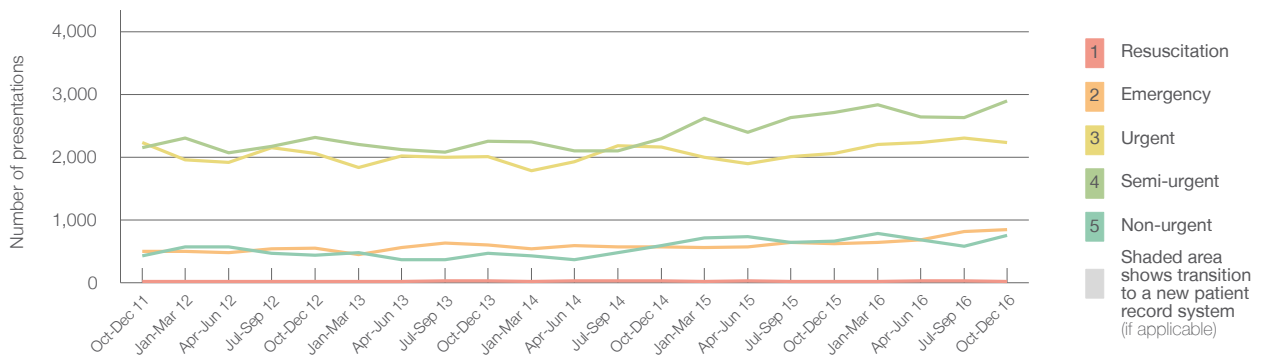
All presentations:<sup>1</sup> 6,903 patients

Emergency presentations<sup>2</sup> by triage category: 6,746 patients



Same period last year	Change since one year ago
6,256	10.3%
6,083	10.9%
24	0.0%
619	36.2%
2,057	8.7%
2,717	6.5%
666	12.5%

Emergency presentations<sup>2</sup> by quarter, October 2011 to December 2016 †

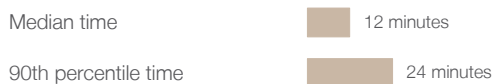


	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016
Resuscitation	20	21	29	34	24	24
Emergency	501	554	597	567	619	843
Urgent	2,230	2,055	2,010	2,164	2,057	2,236
Semi-urgent	2,151	2,311	2,254	2,295	2,717	2,894
Non-urgent	431	433	463	590	666	749
All emergency presentations	5,333	5,374	5,353	5,650	6,083	6,746

## Kempsey Hospital: Patients arriving by ambulance October to December 2016

Arrivals used to calculate transfer of care time:<sup>7</sup> 840 patients

ED Transfer of care time



Same period last year	Change since one year ago
775	
14 minutes	-2 minutes
37 minutes	-13 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.

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

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

Number of triage 2 patients: 843

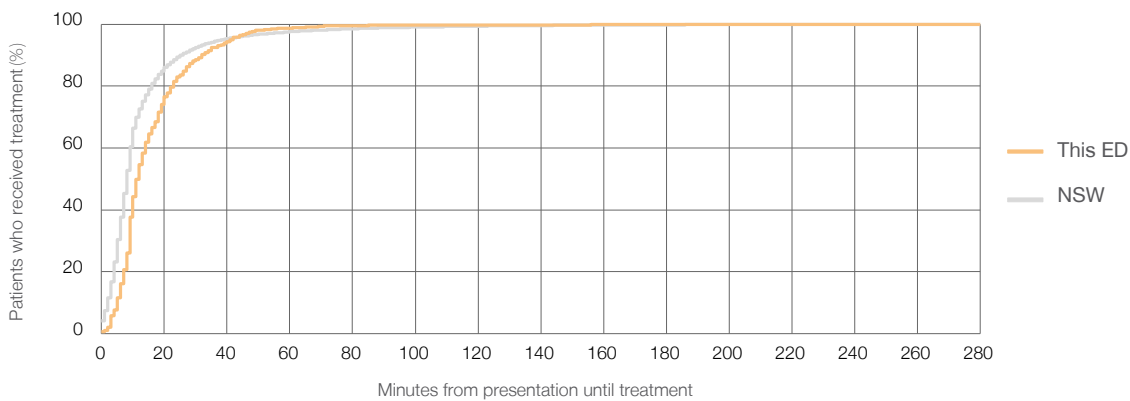
Number of triage 2 patients used to calculate waiting time:<sup>3</sup> 839

Median time to start treatment<sup>4</sup>  12 minutes

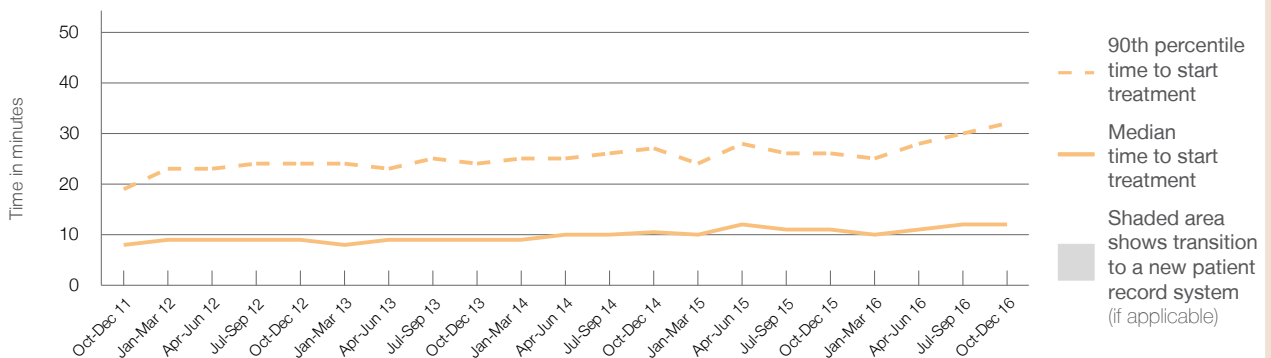
90th percentile time to start treatment<sup>5</sup>  32 minutes

Same period last year	NSW (this period)
619	619
11 minutes	8 minutes
26 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<sup>†‡</sup>



	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016
Median time to start treatment <sup>4</sup> (minutes)	8	9	9	11	11	12
90th percentile time to start treatment <sup>5</sup> (minutes)	19	24	24	27	26	32

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

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

Number of triage 3 patients: 2,236

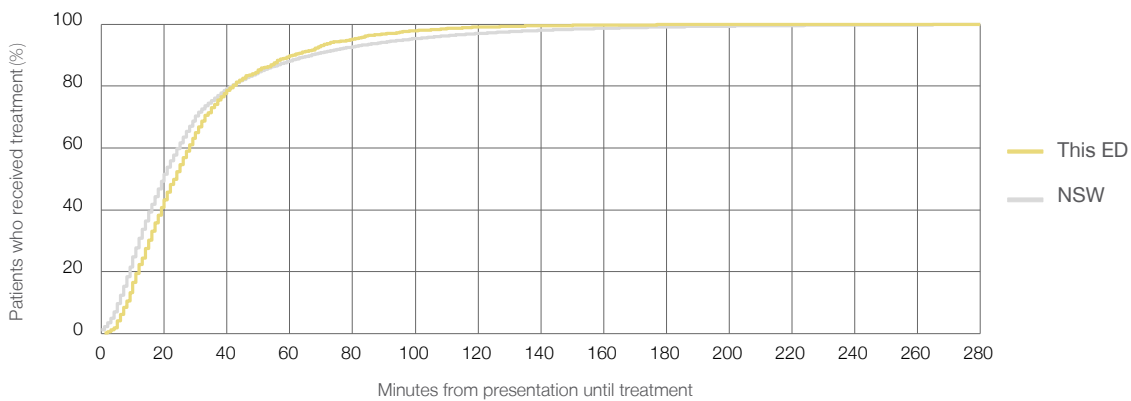
Number of triage 3 patients used to calculate waiting time:<sup>3</sup> 2,198

Median time to start treatment<sup>4</sup> 24 minutes

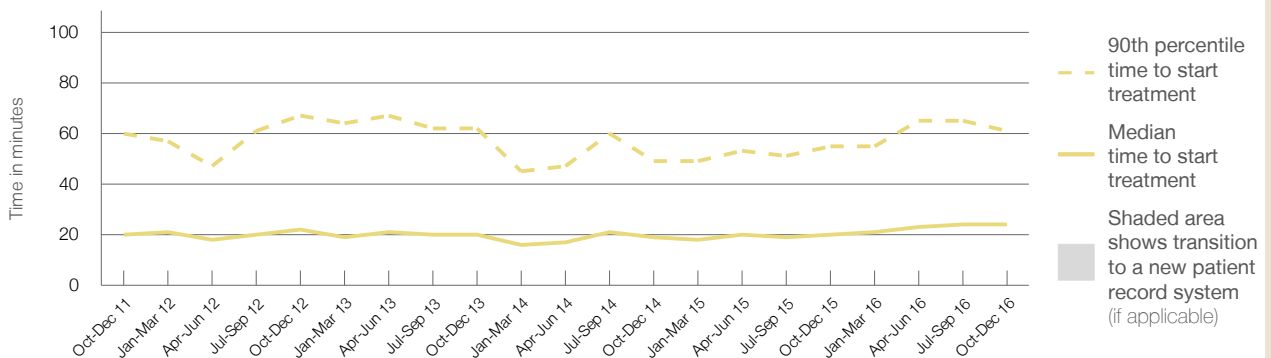
90th percentile time to start treatment<sup>5</sup> 61 minutes

Same period last year	NSW (this period)
2,057	
2,018	
20 minutes	20 minutes
55 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<sup>†‡</sup>



	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016
Median time to start treatment <sup>4</sup> (minutes)	20	22	20	19	20	24
90th percentile time to start treatment <sup>5</sup> (minutes)	60	67	62	49	55	61

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

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

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

Number of triage 4 patients: 2,894

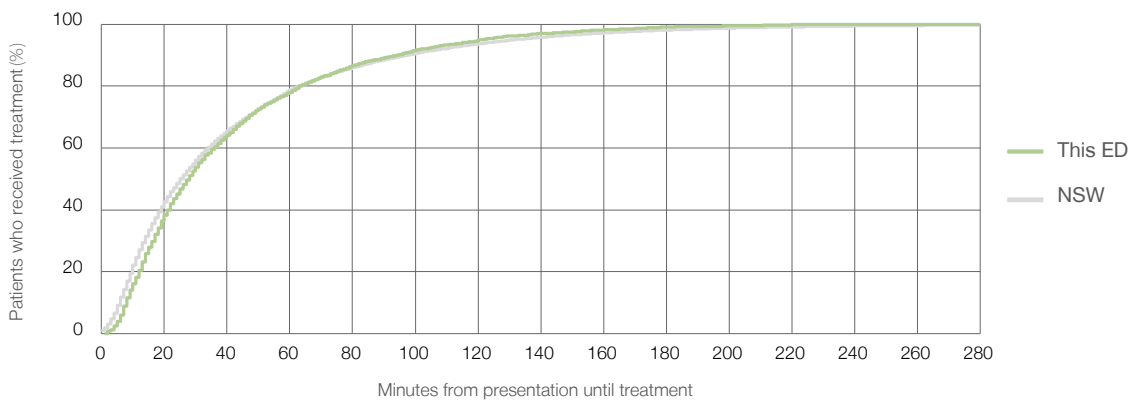
Number of triage 4 patients used to calculate waiting time:<sup>3</sup> 2,780

Median time to start treatment<sup>4</sup>  28 minutes

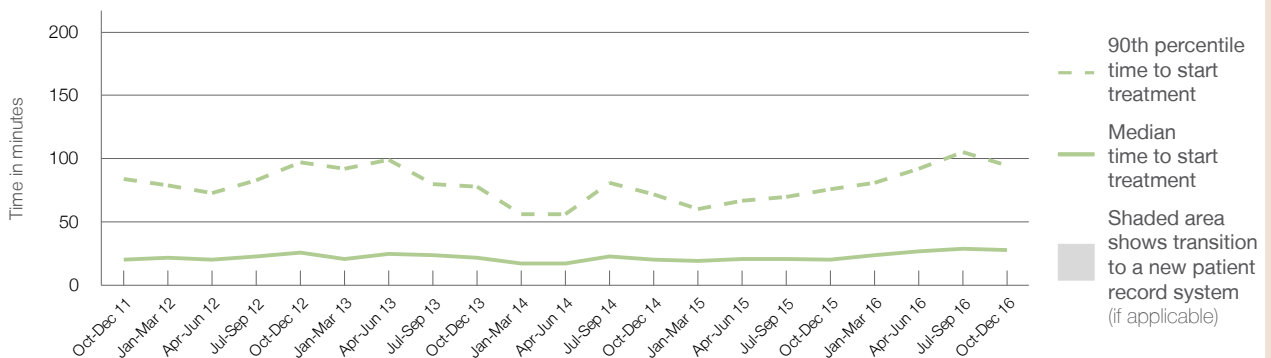
90th percentile time to start treatment<sup>5</sup>  95 minutes

Same period last year	NSW (this period)
2,717	2,615
20 minutes	25 minutes
76 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<sup>†‡</sup>



	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016
Median time to start treatment <sup>4</sup> (minutes)	20	26	22	20	20	28
90th percentile time to start treatment <sup>5</sup> (minutes)	84	97	78	72	76	95

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

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

Number of triage 5 patients: 749

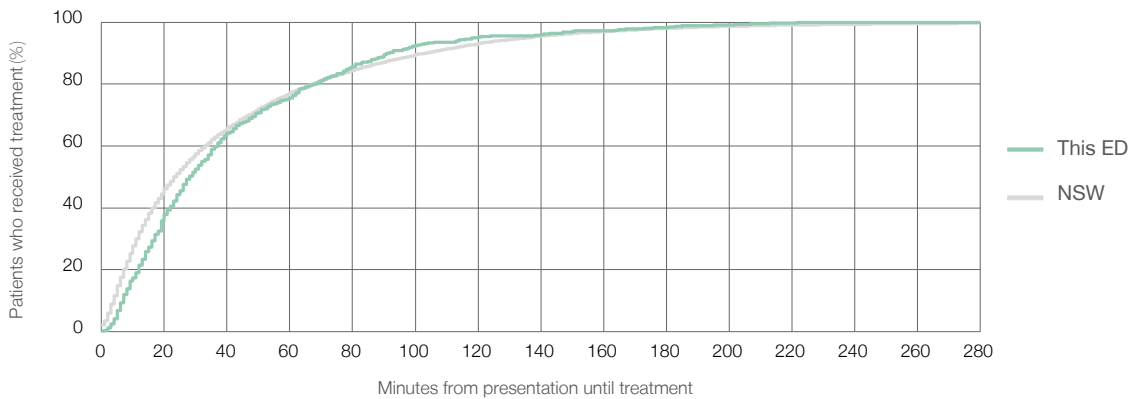
Number of triage 5 patients used to calculate waiting time:<sup>3</sup> 669

Median time to start treatment<sup>4</sup> 28 minutes

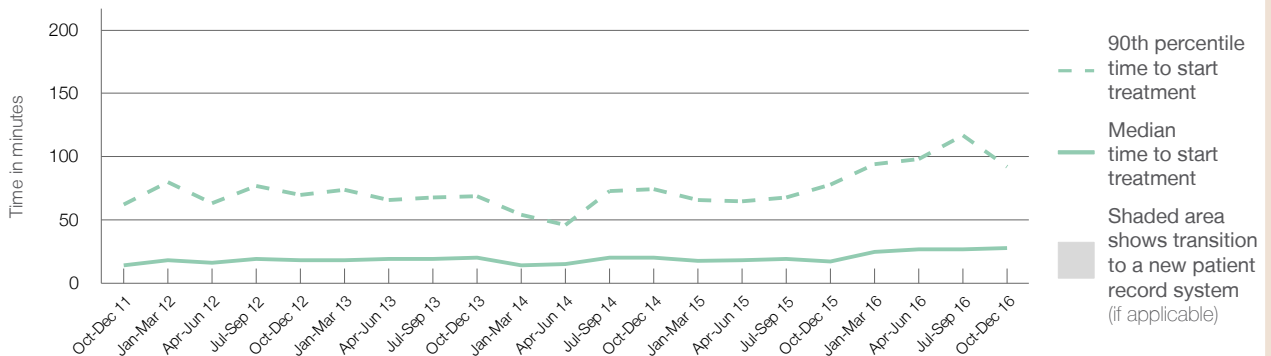
90th percentile time to start treatment<sup>5</sup> 92 minutes

Same period last year	NSW (this period)
666	603
17 minutes	24 minutes
78 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<sup>†‡</sup>



	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016
Median time to start treatment <sup>4</sup> (minutes)	14	18	20	20	17	28
90th percentile time to start treatment <sup>5</sup> (minutes)	62	70	69	75	78	92

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## Kempsey Hospital: Time patients spent in the ED

October to December 2016

All presentations:<sup>1</sup> 6,903 patients

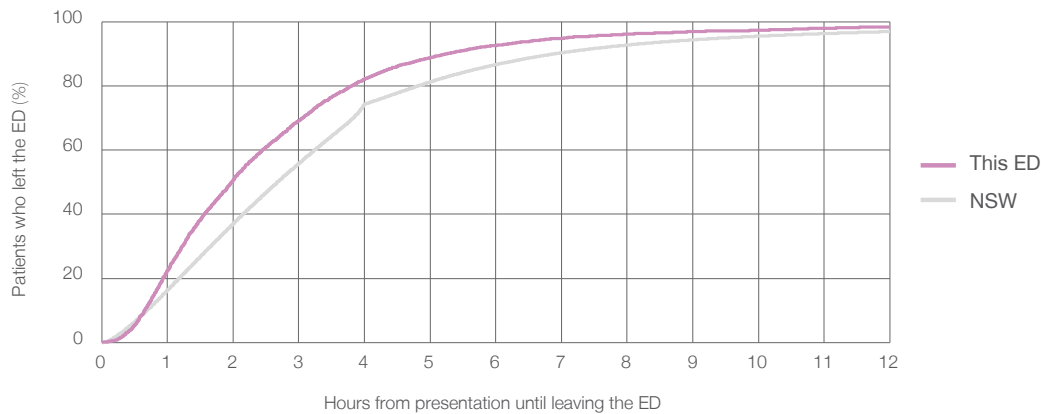
Presentations used to calculate time to leaving the ED:<sup>6</sup> 6,899 patients

Median time spent in the ED<sup>8</sup> 1 hours and 59 minutes

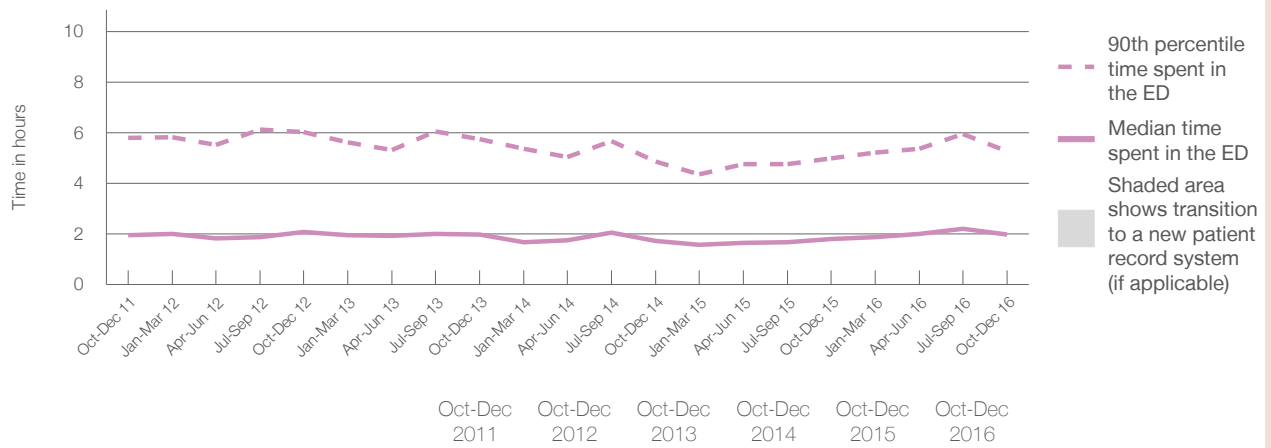
90th percentile time spent in the ED<sup>9</sup> 5 hours and 16 minutes

Same period last year	NSW (this period)
6,256	
6,253	
1 hours and 48 minutes	2 hours and 41 minutes
4 hours and 59 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<sup>†‡</sup>



	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016
Median time to leaving the ED <sup>8</sup> (hours, minutes)	1h 57m	2h 5m	1h 59m	1h 44m	1h 48m	1h 59m
90th percentile time to leaving the ED <sup>9</sup> (hours, minutes)	5h 48m	6h 1m	5h 45m	4h 52m	4h 59m	5h 16m

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

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## Kempsey Hospital: Time patients spent in the ED

By mode of separation

October to December 2016

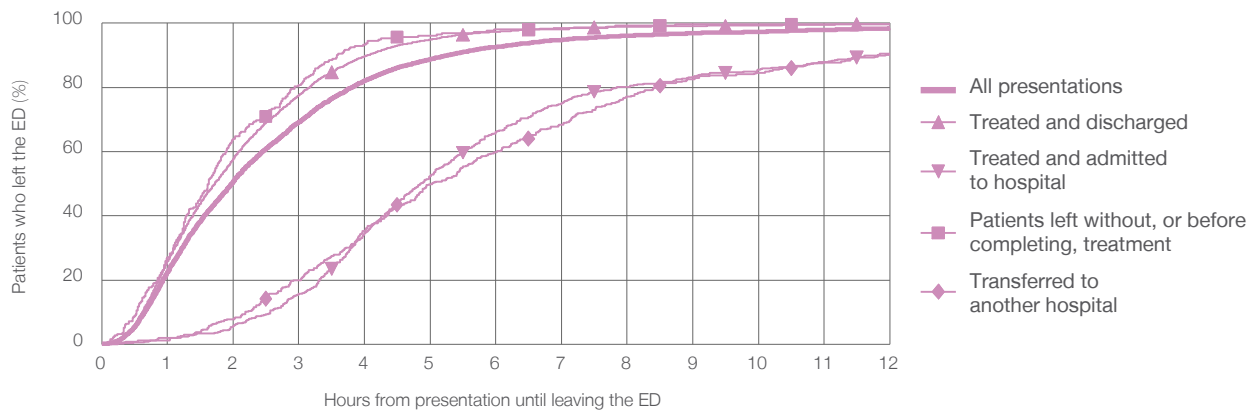
All presentations:<sup>1</sup> 6,903 patients

Presentations used to calculate time to leaving the ED:<sup>6</sup> 6,899 patients

Treated and discharged	5,655 (81.9%)
Treated and admitted to hospital	633 (9.2%)
Patient left without, or before completing, treatment	255 (3.7%)
Transferred to another hospital	345 (5.0%)
Other	15 (0.2%)

Same period last year	Change since one year ago
6,253	10.3%
5,011	12.9%
689	-8.1%
244	4.5%
303	13.9%
9	66.7%

Percentage of patients who left the ED by time and mode of separation, October to December 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	25.9%	57.9%	77.6%	89.8%	97.3%	98.9%	99.3%	99.8%
Treated and admitted to hospital	2.1%	5.7%	15.6%	34.8%	66.2%	80.1%	85.5%	90.2%
Patient left without, or before completing, treatment	27.1%	63.9%	80.8%	93.3%	98.0%	99.2%	99.6%	99.6%
Transferred to another hospital	1.2%	7.8%	20.0%	35.4%	59.7%	77.1%	84.6%	90.4%
All presentations	22.6%	50.9%	69.2%	82.2%	92.6%	96.1%	97.3%	98.4%

(†) 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.



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

## Kempsey Hospital: Time spent in the ED

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

#### October to December 2016

All presentations at the emergency department:<sup>1</sup> 6,903 patients

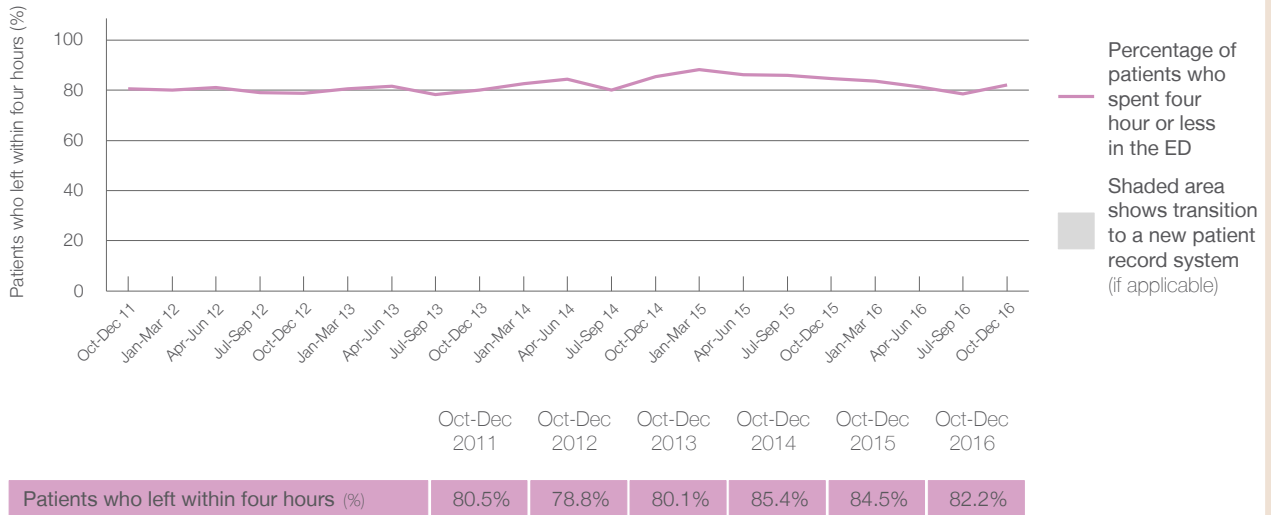
Presentations used to calculate time to leaving the ED:<sup>6</sup> 6,899 patients

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> 6,903 patients	6,256	10.3%
Presentations used to calculate time to leaving the ED: <sup>6</sup> 6,899 patients	6,253	10.3%
Percentage of patients who spent four hours or less in the ED	84.5%	

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



\* 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 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 24 January 2017).  
Transfer of care data from Transfer of Care Reporting System (extracted 24 January 2017).