

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

July to September 2017

All presentations:<sup>1</sup> 973 patients

Emergency presentations:<sup>2</sup> 925 patients

Same period last year	Change since one year ago
969	0.4%
953	-2.9%

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

July to September 2017

**Triage 2** Emergency (e.g. chest pain, severe burns): 86 patients

Median time to start treatment<sup>4</sup> 5 minutes

90th percentile time to start treatment<sup>5</sup> \*

**Triage 3** Urgent (e.g. moderate blood loss, dehydration): 197 patients

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

90th percentile time to start treatment<sup>5</sup> 37 minutes

**Triage 4** Semi-urgent (e.g. sprained ankle, earache): 518 patients

Median time to start treatment<sup>4</sup> 14 minutes

90th percentile time to start treatment<sup>5</sup> 49 minutes

**Triage 5** Non-urgent (e.g. small cuts or abrasions): 124 patients

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

90th percentile time to start treatment<sup>5</sup> \*

Same period last year	NSW (this period)
87	
5 minutes	9 minutes
*	29 minutes
308	
9 minutes	23 minutes
25 minutes	83 minutes
441	
13 minutes	30 minutes
51 minutes	121 minutes
117	
10 minutes	26 minutes
*	118 minutes

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

July to September 2017

Attendances used to calculate time to leaving the ED:<sup>6</sup> 973 patients

Percentage of patients who spent four hours or less in the ED 92.7%

Same period last year	Change since one year ago
969	0.4%
93.6%	

\* 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, July to September 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.

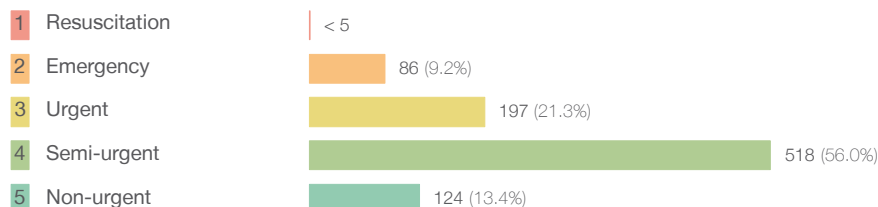
**Source:** Health Information Exchange, NSW Health (extracted 17 October 2017).

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

July to September 2017

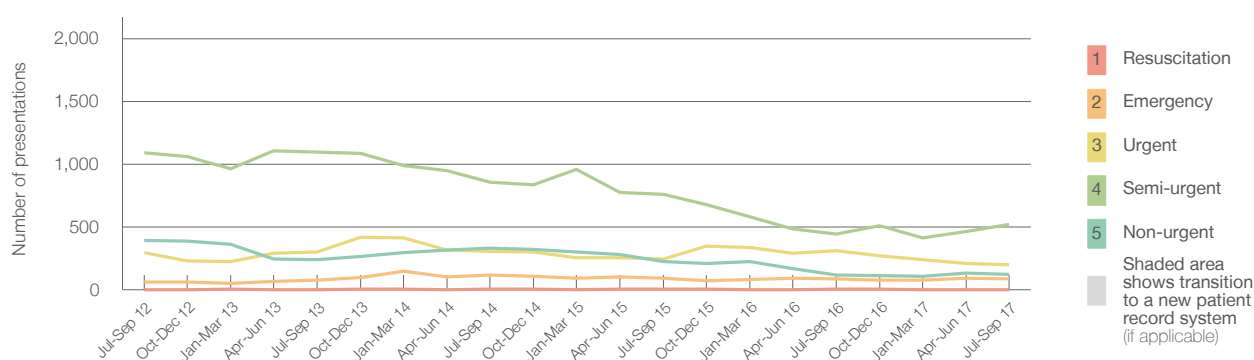
All presentations<sup>1</sup> 973 patients

Emergency presentations<sup>2</sup> by triage category: 925 patients



Same period last year	Change since one year ago
969	0.4%
953	-2.9%
< 5	*
87	0.0%
308	-36.0%
441	17.5%
117	6.0%

Emergency presentations<sup>2</sup> by quarter, July 2012 to September 2017<sup>‡</sup>



	Jul-Sep 2012	Jul-Sep 2013	Jul-Sep 2014	Jul-Sep 2015	Jul-Sep 2016	Jul-Sep 2017
Resuscitation	< 5	0	< 5	< 5	< 5	< 5
Emergency	63	74	121	93	87	86
Urgent	296	298	306	242	308	197
Semi-urgent	1,089	1,098	855	759	441	518
Non-urgent	391	238	330	226	117	124
All emergency presentations	1,839	1,708	1,612	1,320	953	925

## Kurri Kurri District Hospital: Patients arriving by ambulance

July to September 2017

ED Transfer of care time is not currently available for this hospital.<sup>7</sup>

(†) 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.

## Kurri Kurri District Hospital: Time patients waited to start treatment, triage 2 July to September 2017

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

Number of triage 2 patients: 86

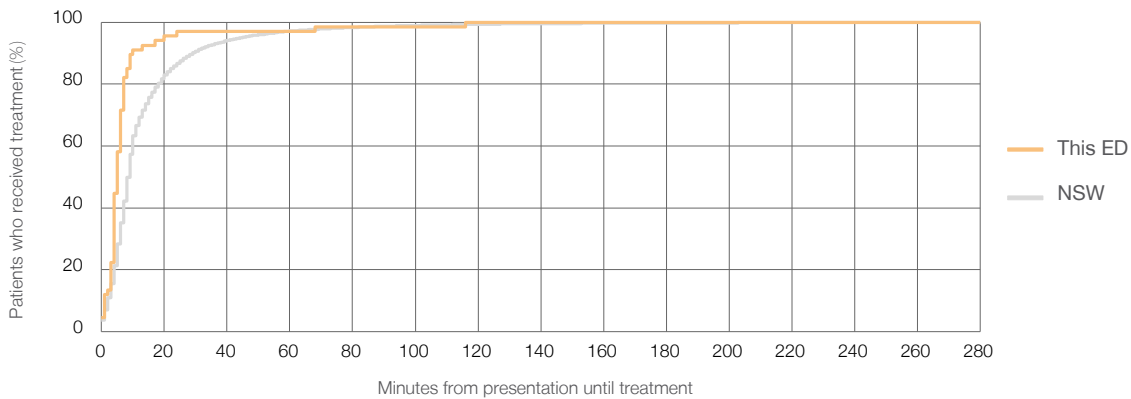
Number of triage 2 patients used to calculate waiting time:<sup>3</sup> 67

Median time to start treatment<sup>4</sup> 5 minutes

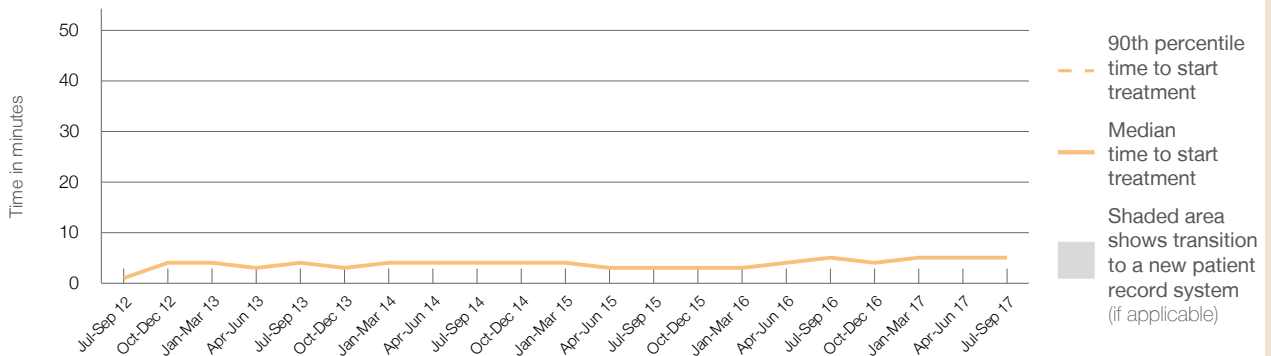
90th percentile time to start treatment<sup>5</sup> \*

Same period last year	NSW (this period)
87	
59	
5 minutes	9 minutes
*	29 minutes

### Percentage of triage 2 patients who received treatment by time, July to September 2017



### Time patients waited to start treatment (minutes) for triage 2 patients, July 2012 to September 2017<sup>†‡</sup>



	Jul-Sep 2012	Jul-Sep 2013	Jul-Sep 2014	Jul-Sep 2015	Jul-Sep 2016	Jul-Sep 2017
Median time to start treatment <sup>4</sup> (minutes)	1	4	4	3	5	5
90th percentile time to start treatment <sup>5</sup> (minutes)	*	*	19	*	*	*

(†) 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.

## Kurri Kurri District Hospital: Time patients waited to start treatment, triage 3 July to September 2017

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

Number of triage 3 patients: 197

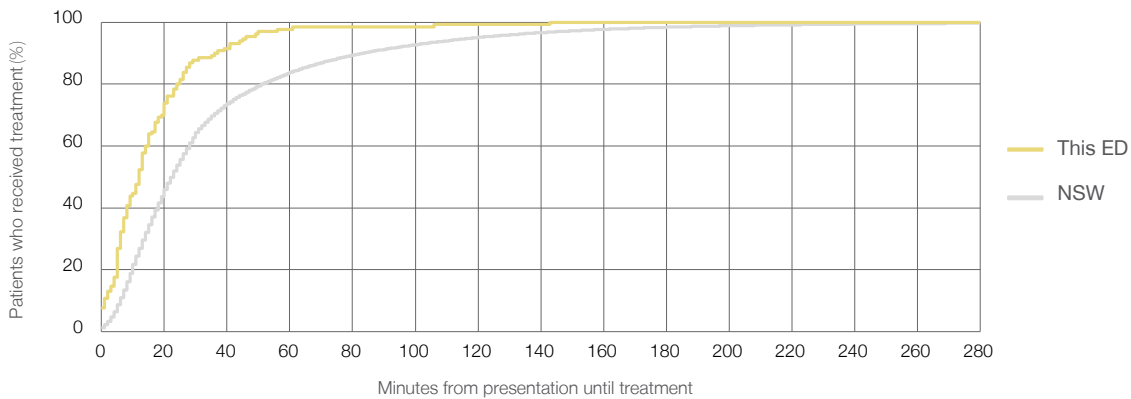
Number of triage 3 patients used to calculate waiting time:<sup>3</sup> 130

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

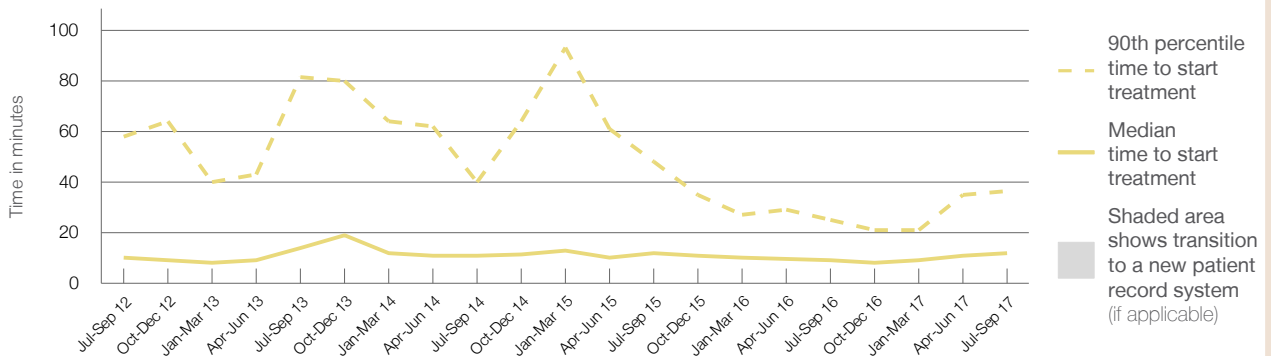
90th percentile time to start treatment<sup>5</sup> 37 minutes

Same period last year	NSW (this period)
308	
220	
9 minutes	23 minutes
25 minutes	83 minutes

### Percentage of triage 3 patients who received treatment by time, July to September 2017



### Time patients waited to start treatment (minutes) for triage 3 patients, July 2012 to September 2017<sup>†‡</sup>



	Jul-Sep 2012	Jul-Sep 2013	Jul-Sep 2014	Jul-Sep 2015	Jul-Sep 2016	Jul-Sep 2017
Median time to start treatment <sup>4</sup> (minutes)	10	14	11	12	9	12
90th percentile time to start treatment <sup>5</sup> (minutes)	58	82	40	48	25	37

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## Kurri Kurri District Hospital: Time patients waited to start treatment, triage 4 July to September 2017

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

Number of triage 4 patients: 518

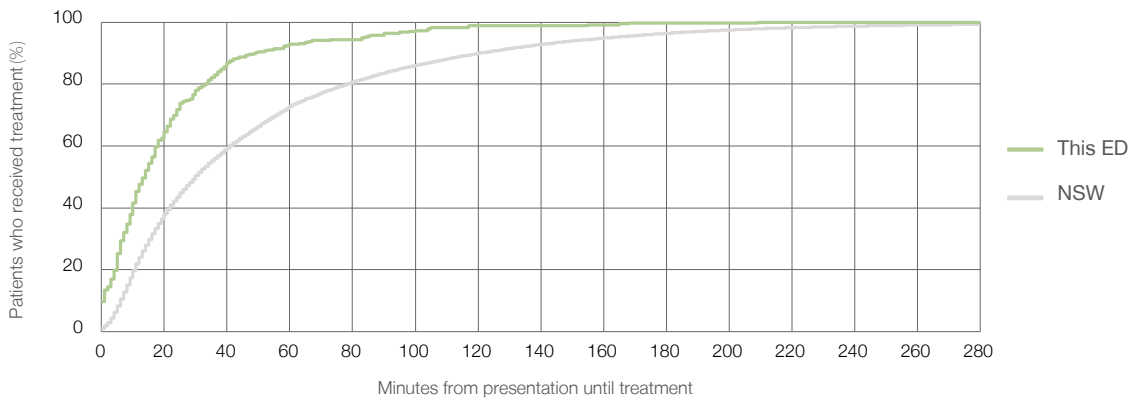
Number of triage 4 patients used to calculate waiting time:<sup>3</sup> 336

Median time to start treatment<sup>4</sup>  14 minutes

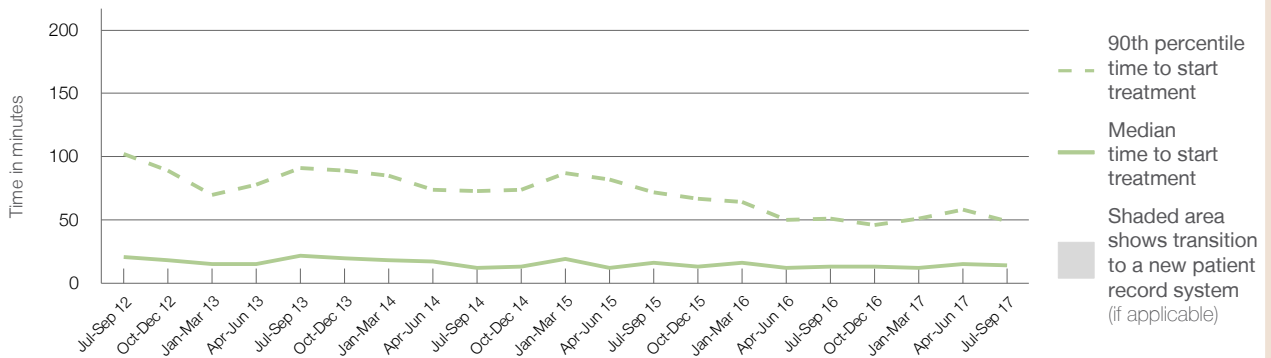
90th percentile time to start treatment<sup>5</sup>  49 minutes

Same period last year	NSW (this period)
441	
283	
13 minutes	30 minutes
51 minutes	121 minutes

### Percentage of triage 4 patients who received treatment by time, July to September 2017



### Time patients waited to start treatment (minutes) for triage 4 patients, July 2012 to September 2017<sup>†‡</sup>



	Jul-Sep 2012	Jul-Sep 2013	Jul-Sep 2014	Jul-Sep 2015	Jul-Sep 2016	Jul-Sep 2017
Median time to start treatment <sup>4</sup> (minutes)	21	22	12	16	13	14
90th percentile time to start treatment <sup>5</sup> (minutes)	102	91	73	72	51	49

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## Kurri Kurri District Hospital: Time patients waited to start treatment, triage 5 July to September 2017

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

Number of triage 5 patients: 124

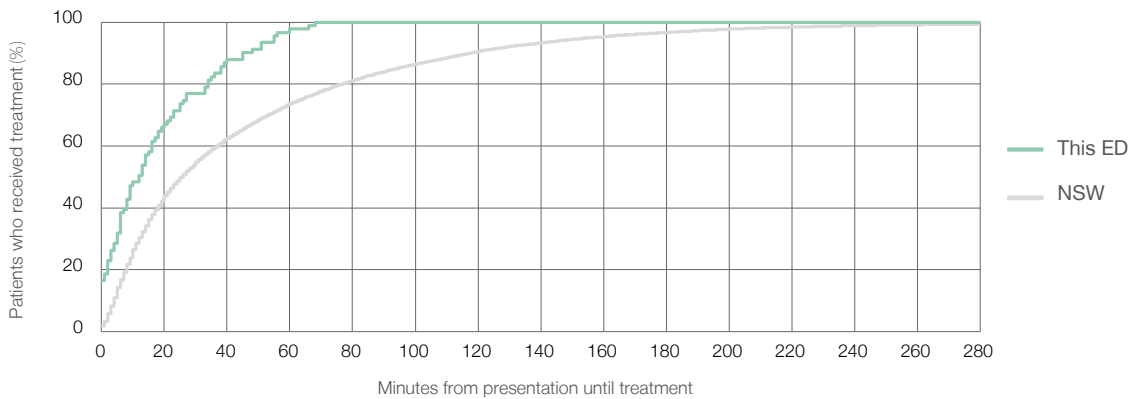
Number of triage 5 patients used to calculate waiting time:<sup>3</sup> 91

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

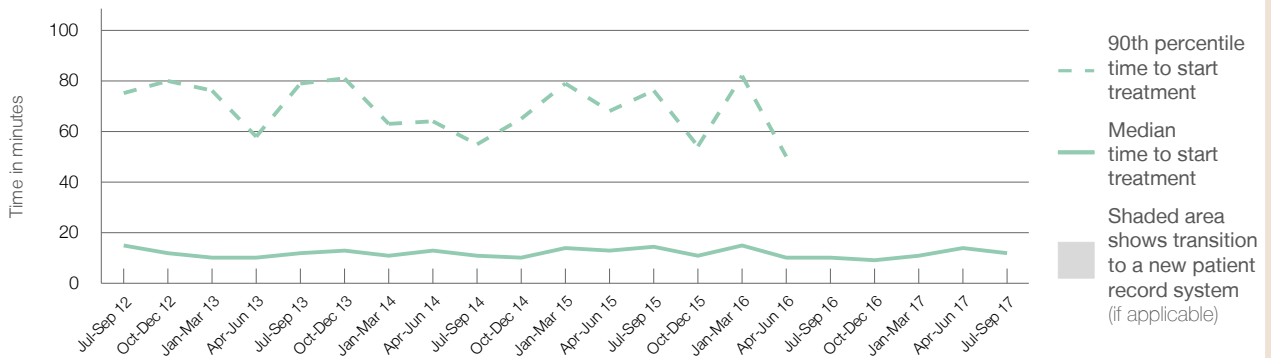
90th percentile time to start treatment<sup>5</sup> \*

Same period last year	NSW (this period)
117	
76	
10 minutes	26 minutes
*	* 118 minutes

### Percentage of triage 5 patients who received treatment by time, July to September 2017



### Time patients waited to start treatment (minutes) for triage 5 patients, July 2012 to September 2017<sup>†‡</sup>



	Jul-Sep 2012	Jul-Sep 2013	Jul-Sep 2014	Jul-Sep 2015	Jul-Sep 2016	Jul-Sep 2017
Median time to start treatment <sup>4</sup> (minutes)	15	12	11	15	10	12
90th percentile time to start treatment <sup>5</sup> (minutes)	75	79	55	76	*	*

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## Kurri Kurri District Hospital: Time patients spent in the ED July to September 2017

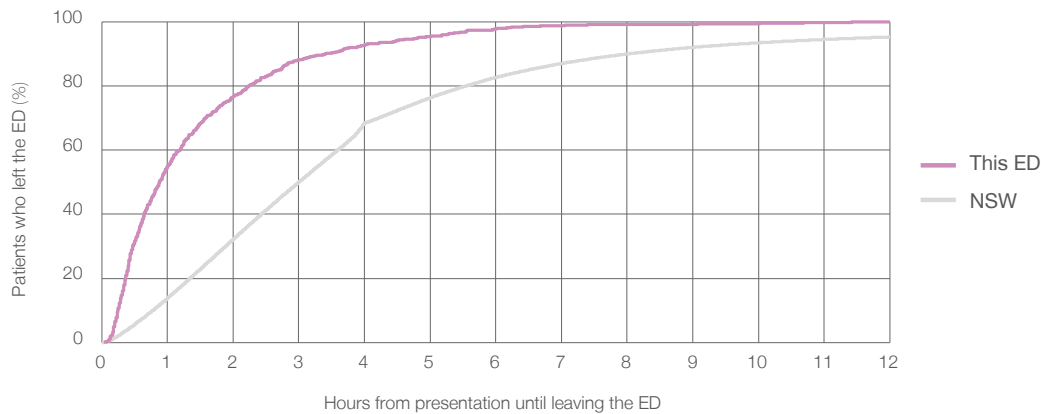
All presentations:<sup>1</sup> 973 patients

Presentations used to calculate time to leaving the ED:<sup>6</sup> 973 patients

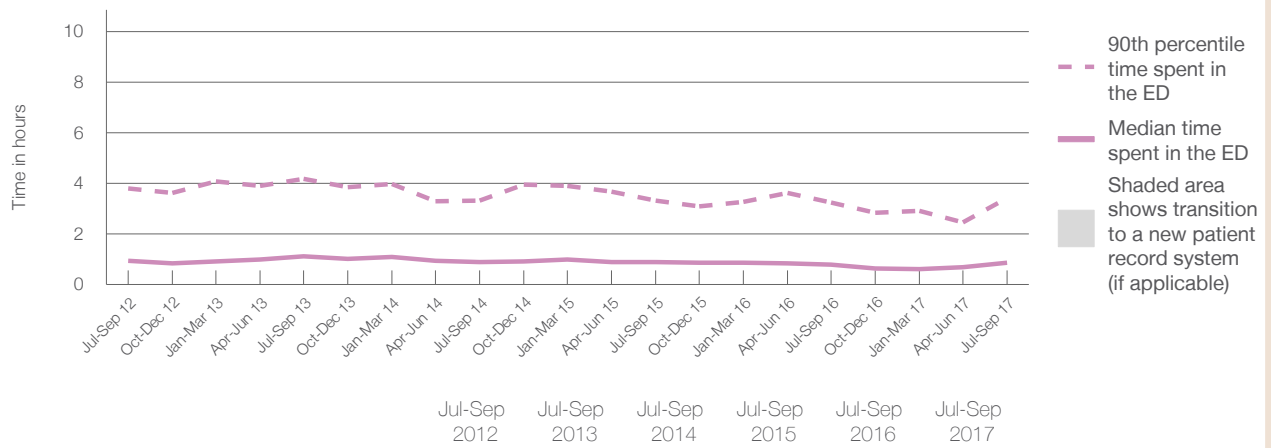
Median time spent in the ED<sup>8</sup> 0 hours and 53 minutes  
90th percentile time spent in the ED<sup>9</sup> 3 hours and 25 minutes

Same period last year	NSW (this period)
969	969
0 hours and 47 minutes	3 hours and 0 minutes
3 hours and 15 minutes	8 hours and 2 minutes

### Percentage of patients who left the ED by time, July to September 2017



### Time patients spent in the ED, by quarter, July 2012 to September 2017<sup>†‡</sup>



	Jul-Sep 2012	Jul-Sep 2013	Jul-Sep 2014	Jul-Sep 2015	Jul-Sep 2016	Jul-Sep 2017
Median time to leaving the ED <sup>8</sup> (hours, minutes)	0h 57m	1h 7m	0h 54m	0h 54m	0h 47m	0h 53m
90th percentile time to leaving the ED <sup>9</sup> (hours, minutes)	3h 48m	4h 11m	3h 20m	3h 20m	3h 15m	3h 25m

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

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**Kurri Kurri District Hospital: Time patients spent in the ED**  
By mode of separation  
July to September 2017

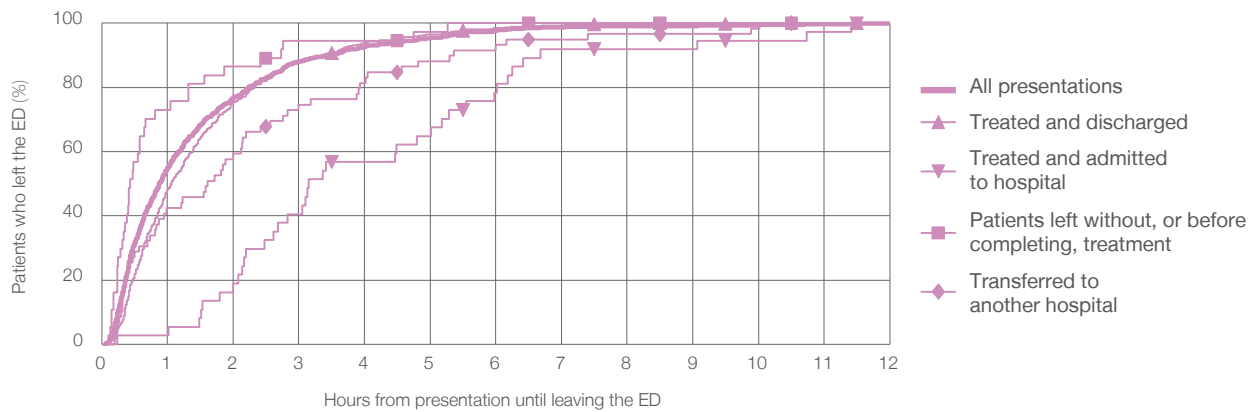
All presentations:<sup>1</sup> 973 patients

Presentations used to calculate time to leaving the ED:<sup>6</sup> 973 patients

Treated and discharged		554 (56.9%)
Treated and admitted to hospital		37 (3.8%)
Patient left without, or before completing, treatment		37 (3.8%)
Transferred to another hospital		59 (6.1%)
Other		286 (29.4%)

Same period last year	Change since one year ago
969	0.4%
568	-2.5%
17	117.6%
41	-9.8%
51	15.7%
292	-2.1%

Percentage of patients who left the ED by time and mode of separation, July to September 2017<sup>†‡</sup>



1 hour 2 hours 3 hours 4 hours 6 hours 8 hours 10 hours 12 hours

Treated and discharged	48.2%	75.5%	88.4%	93.9%	98.6%	99.8%	99.8%	100%
Treated and admitted to hospital	2.7%	18.9%	40.5%	56.8%	78.4%	91.9%	94.6%	100%
Patient left without, or before completing, treatment	73.0%	86.5%	94.6%	94.6%	100%	100%	100%	100%
Transferred to another hospital	42.4%	59.3%	74.6%	81.4%	93.2%	96.6%	98.3%	100%
All presentations	55.0%	76.9%	88.1%	92.7%	97.7%	99.2%	99.4%	99.9%

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

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## Kurri Kurri District Hospital: Time spent in the ED

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

July to September 2017

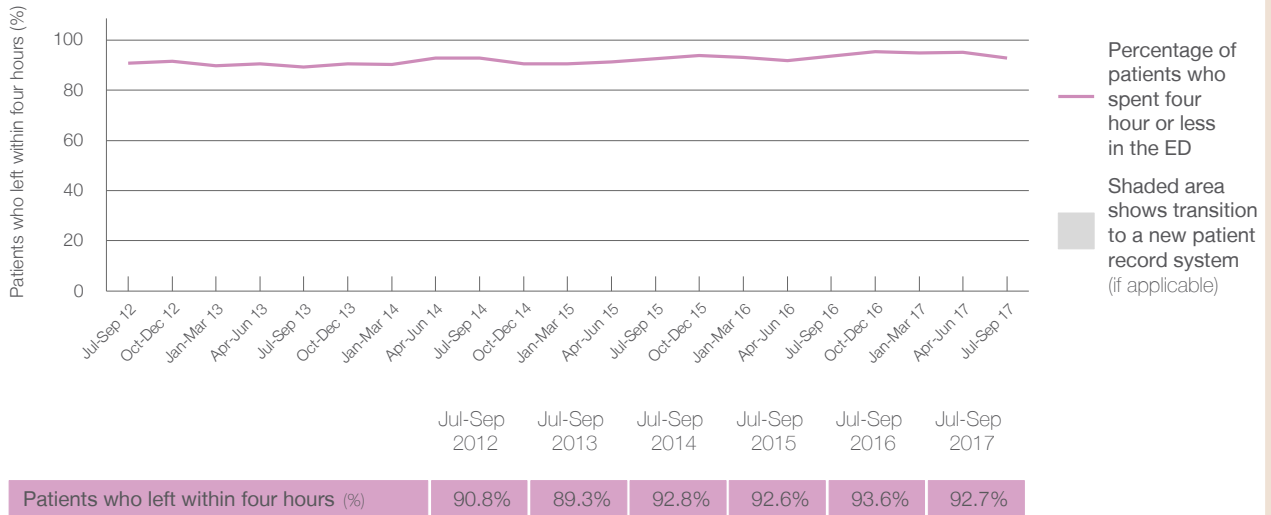
All presentations at the emergency department:<sup>1</sup> 973 patients  
 Presentations used to calculate time to leaving the ED:<sup>6</sup> 973 patients

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> 973 patients	969	0.4%
Presentations used to calculate time to leaving the ED: <sup>6</sup> 973 patients	969	0.4%
Percentage of patients who spent four hours or less in the ED	93.6%	

### Percentage of patients who spent four hours or less in the ED, by quarter, July 2012 to September 2017\*\*



Patients who left within four hours (%)	Jul-Sep 2012	Jul-Sep 2013	Jul-Sep 2014	Jul-Sep 2015	Jul-Sep 2016	Jul-Sep 2017
	90.8%	89.3%	92.8%	92.6%	93.6%	92.7%

\* 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: Emergency department measures, July to September 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 17 October 2017).  
 Transfer of care data from Transfer of Care Reporting System (extracted 17 October 2017).