

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

October to December 2017

All presentations:<sup>1</sup> 1,032 patients

Emergency presentations:<sup>2</sup> 963 patients

Same period last year	Change since one year ago
1,035	-0.3%
968	-0.5%

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

October to December 2017

**Triage 2** Emergency (e.g. chest pain, severe burns): 66 patients

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

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

**Triage 3** Urgent (e.g. moderate blood loss, dehydration): 193 patients

Median time to start treatment<sup>4</sup> 11 minutes

90th percentile time to start treatment<sup>5</sup> 51 minutes

**Triage 4** Semi-urgent (e.g. sprained ankle, earache): 524 patients

Median time to start treatment<sup>4</sup> 16 minutes

90th percentile time to start treatment<sup>5</sup> 56 minutes

**Triage 5** Non-urgent (e.g. small cuts or abrasions): 180 patients

Median time to start treatment<sup>4</sup> 11 minutes

90th percentile time to start treatment<sup>5</sup> 47 minutes

Same period last year	NSW (this period)
78	
4 minutes	8 minutes
*	23 minutes
270	
8 minutes	20 minutes
21 minutes	65 minutes
509	
13 minutes	26 minutes
46 minutes	99 minutes
111	
9 minutes	23 minutes
*	103 minutes

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

October to December 2017

Attendances used to calculate time to leaving the ED:<sup>6</sup> 1,032 patients

Percentage of patients who spent four hours or less in the ED 93.5%

Same period last year	Change since one year ago
1,035	-0.3%
95.5%	

\* 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, 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.

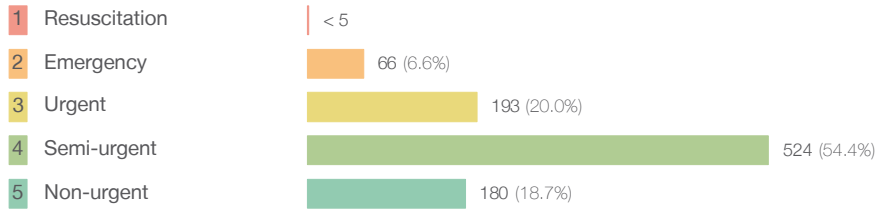
**Note:** Presentation time is the earlier time recorded for clerical registration or the triage process. Treatment time is the earliest time recorded when a healthcare professional provides medical care relevant to the patient's presenting problems.

**Source:** Health Information Exchange, NSW Health (extracted 23 January 2018).

## Kurri Kurri District Hospital: Patients presenting to the emergency department October to December 2017

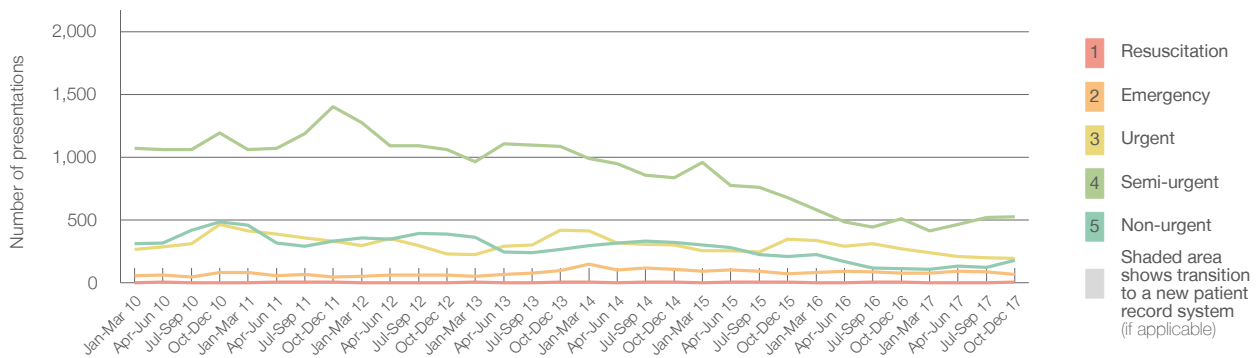
All presentations<sup>1</sup> 1,032 patients

Emergency presentations<sup>2</sup> by triage category: 963 patients



	Same period last year	Change since one year ago
All presentations	1,035	-0.3%
Emergency presentations <sup>2</sup>	968	-0.5%
1 Resuscitation	< 5	*
2 Emergency	78	-14.7%
3 Urgent	270	-28.5%
4 Semi-urgent	509	2.9%
5 Non-urgent	111	62.2%

Emergency presentations<sup>2</sup> by quarter, January 2010 to December 2017<sup>‡</sup>



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017
Resuscitation	0	< 5	0	< 5	5	< 5	< 5	< 5
Emergency	80	48	58	98	105	75	78	66
Urgent	461	330	230	416	299	344	270	193
Semi-urgent	1,195	1,402	1,062	1,085	836	676	509	524
Non-urgent	483	333	385	265	322	208	111	180
All emergency presentations	2,219	2,113	1,735	1,864	1,567	1,303	968	963

## Kurri Kurri District Hospital: Patients arriving by ambulance October to December 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 October to December 2017

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

Number of triage 2 patients: 66

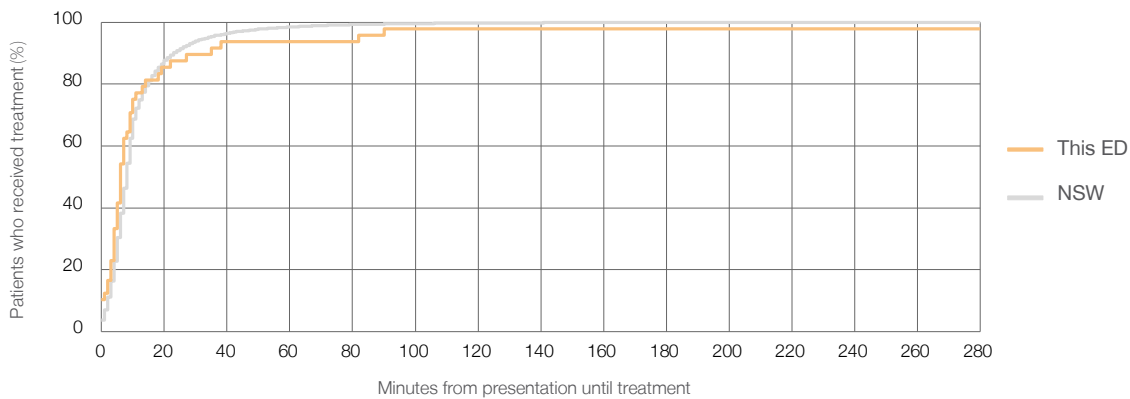
Number of triage 2 patients used to calculate waiting time:<sup>3</sup> 48

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

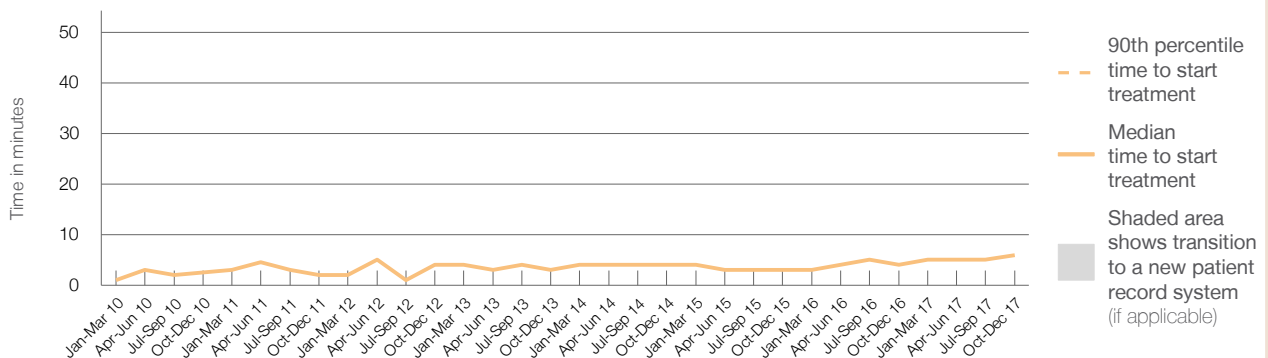
90th percentile time to start treatment<sup>5</sup> \*

Same period last year	NSW (this period)
78	
56	
4 minutes	8 minutes
*	23 minutes

Percentage of triage 2 patients who received treatment by time, October to December 2017



Time patients waited to start treatment (minutes) for triage 2 patients, January 2010 to December 2017<sup>†‡</sup>



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017
Median time to start treatment <sup>4</sup> (minutes)	3	2	4	3	4	3	4	6
90th percentile time to start treatment <sup>5</sup> (minutes)	*	*	*	*	*	*	*	*

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## Kurri Kurri District Hospital: Time patients waited to start treatment, triage 3 October to December 2017

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

Number of triage 3 patients: 193

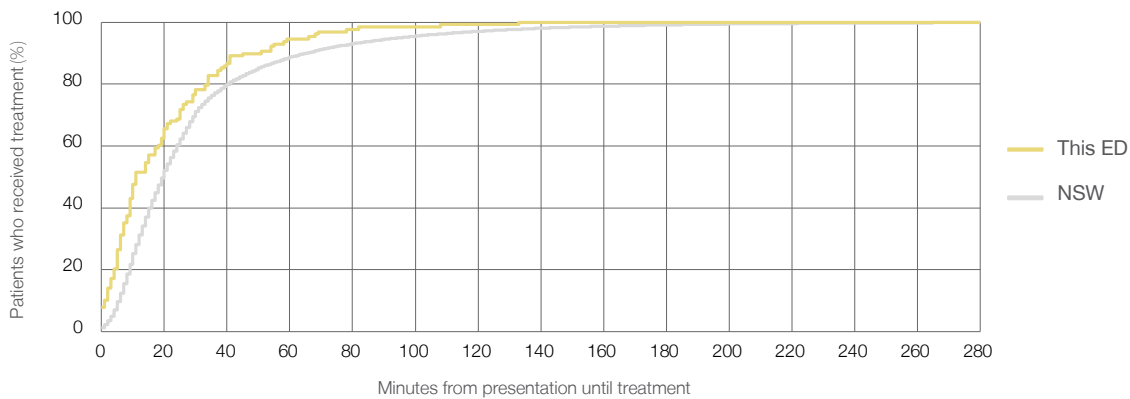
Number of triage 3 patients used to calculate waiting time:<sup>3</sup> 128

Median time to start treatment<sup>4</sup> 11 minutes

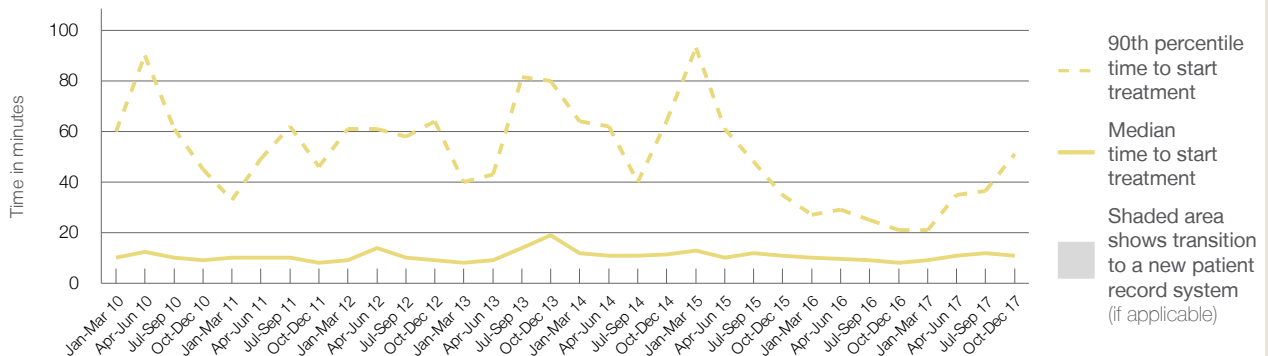
90th percentile time to start treatment<sup>5</sup> 51 minutes

Same period last year	NSW (this period)
270	173
8 minutes	20 minutes
21 minutes	65 minutes

### Percentage of triage 3 patients who received treatment by time, October to December 2017



### Time patients waited to start treatment (minutes) for triage 3 patients, January 2010 to December 2017<sup>†‡</sup>



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017
Median time to start treatment <sup>4</sup> (minutes)	9	8	9	19	12	11	8	11
90th percentile time to start treatment <sup>5</sup> (minutes)	45	46	64	80	64	35	21	51

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## Kurri Kurri District Hospital: Time patients waited to start treatment, triage 4 October to December 2017

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

Number of triage 4 patients: 524

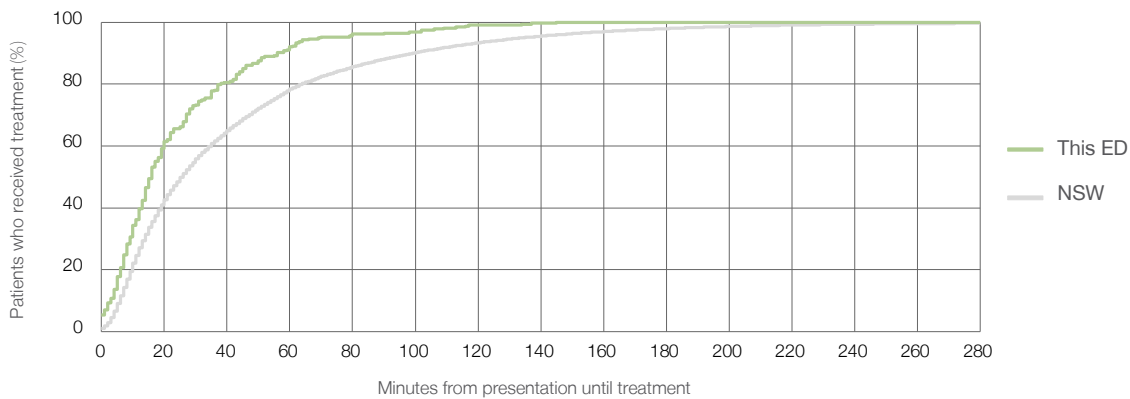
Number of triage 4 patients used to calculate waiting time:<sup>3</sup> 314

Median time to start treatment<sup>4</sup>  16 minutes

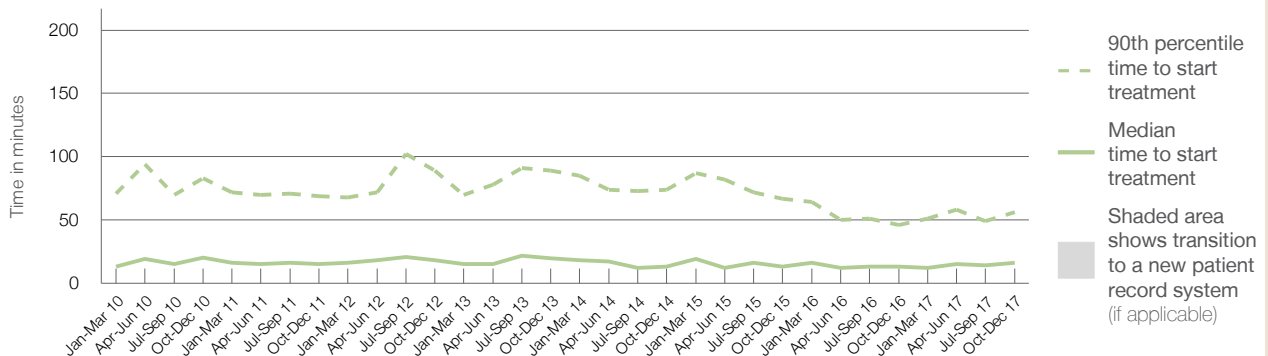
90th percentile time to start treatment<sup>5</sup>  56 minutes

Same period last year	NSW (this period)
509	326
13 minutes	26 minutes
46 minutes	99 minutes

### Percentage of triage 4 patients who received treatment by time, October to December 2017



### Time patients waited to start treatment (minutes) for triage 4 patients, January 2010 to December 2017<sup>†‡</sup>



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017
Median time to start treatment <sup>4</sup> (minutes)	20	15	18	20	13	13	13	16
90th percentile time to start treatment <sup>5</sup> (minutes)	83	69	89	89	74	67	46	56

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## Kurri Kurri District Hospital: Time patients waited to start treatment, triage 5 October to December 2017

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

Number of triage 5 patients: 180

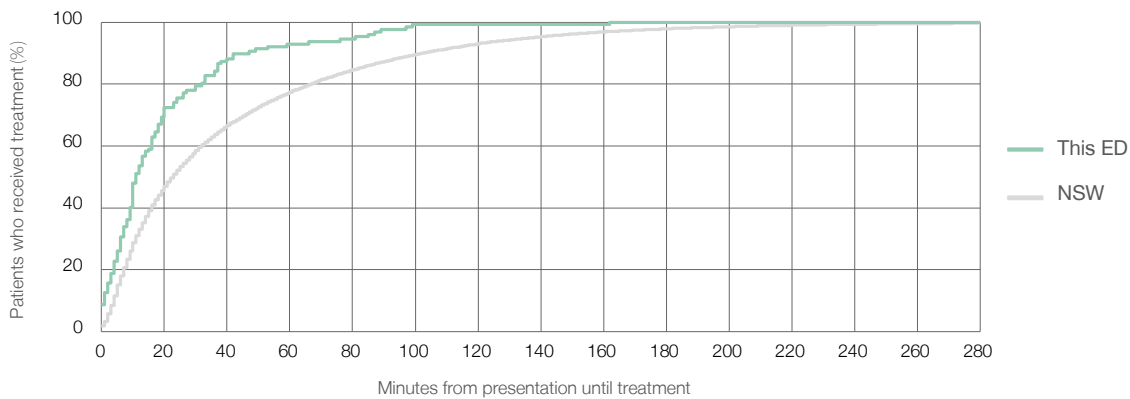
Number of triage 5 patients used to calculate waiting time:<sup>3</sup> 127

Median time to start treatment<sup>4</sup>  11 minutes

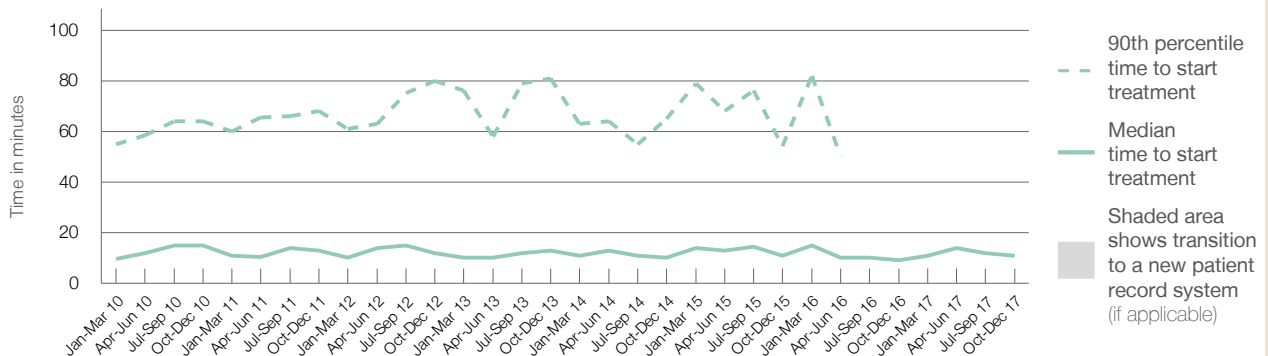
90th percentile time to start treatment<sup>5</sup>  47 minutes

Same period last year	NSW (this period)
111	
81	
9 minutes	23 minutes
*	103 minutes

### Percentage of triage 5 patients who received treatment by time, October to December 2017



### Time patients waited to start treatment (minutes) for triage 5 patients, January 2010 to December 2017<sup>†‡</sup>



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017
Median time to start treatment <sup>4</sup> (minutes)	15	13	12	13	10	11	9	11
90th percentile time to start treatment <sup>5</sup> (minutes)	64	68	80	81	65	54	*	47

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

October to December 2017

All presentations:<sup>1</sup> 1,032 patients

Presentations used to calculate time to leaving the ED:<sup>6</sup> 1,032 patients

Median time spent in the ED<sup>8</sup>

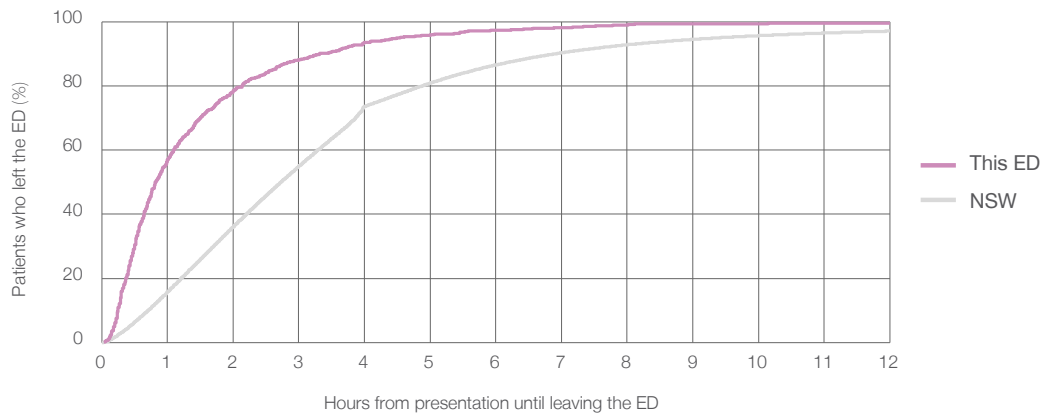
0 hours and 50 minutes

90th percentile time spent in the ED<sup>9</sup>

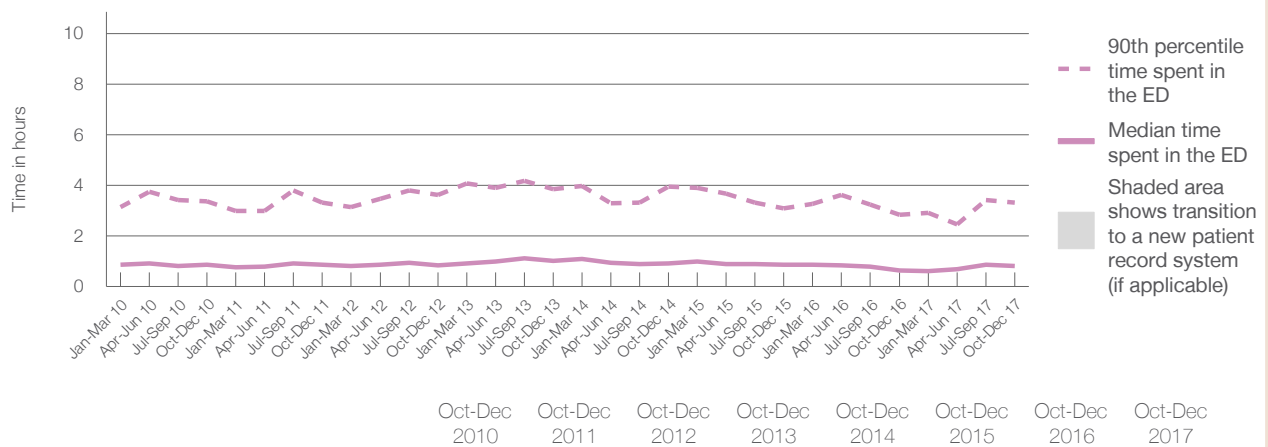
3 hours and 19 minutes

Same period last year	NSW (this period)
1,035	1,035
0 hours and 39 minutes	2 hours and 44 minutes
2 hours and 50 minutes	6 hours and 55 minutes

### Percentage of patients who left the ED by time, October to December 2017



### Time patients spent in the ED, by quarter, January 2010 to December 2017<sup>†‡</sup>



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017
Median time to leaving the ED <sup>8</sup> (hours, minutes)	0h 52m	0h 53m	0h 51m	1h 2m	0h 56m	0h 52m	0h 39m	0h 50m
90th percentile time to leaving the ED <sup>9</sup> (hours, minutes)	3h 23m	3h 20m	3h 38m	3h 51m	3h 57m	3h 6m	2h 50m	3h 19m

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

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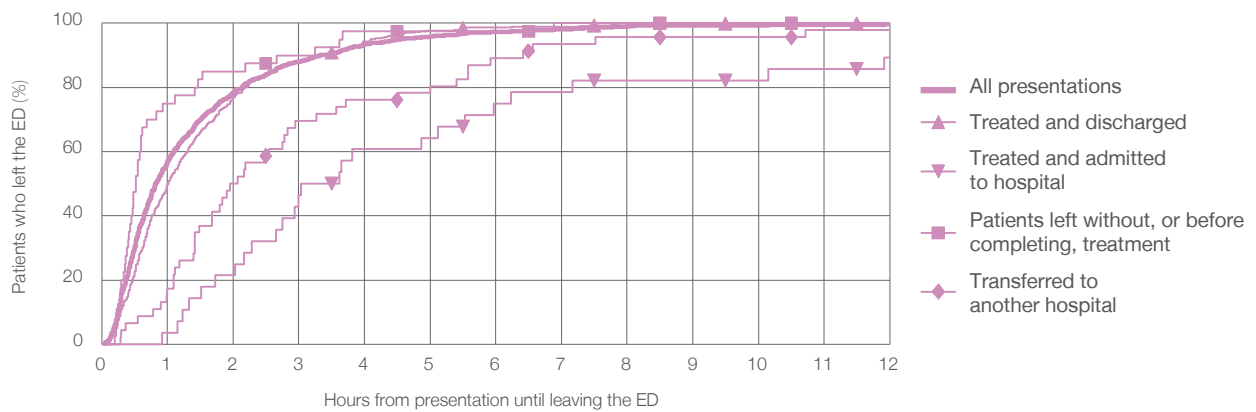
**Kurri Kurri District Hospital: Time patients spent in the ED**  
By mode of separation  
October to December 2017

All presentations:<sup>1</sup> 1,032 patients

Presentations used to calculate time to leaving the ED:<sup>6</sup> 1,032 patients

		Same period last year	Change since one year ago
Treated and discharged	589 (57.1%)	616	-4.4%
Treated and admitted to hospital	28 (2.7%)	16	75.0%
Patient left without, or before completing, treatment	40 (3.9%)	42	-4.8%
Transferred to another hospital	46 (4.5%)	47	-2.1%
Other	329 (31.9%)	314	4.8%

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



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

Treated and discharged	49.7%	76.9%	87.6%	94.4%	98.6%	99.8%	99.8%	100%
Treated and admitted to hospital	3.6%	21.4%	46.4%	60.7%	75.0%	82.1%	82.1%	89.3%
Patient left without, or before completing, treatment	75.0%	85.0%	90.0%	97.5%	97.5%	100%	100%	100%
Transferred to another hospital	17.4%	50.0%	69.6%	76.1%	89.1%	95.7%	95.7%	97.8%
All presentations	57.0%	78.5%	88.1%	93.5%	97.4%	98.9%	99.2%	99.6%

(†) 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

October to December 2017

All presentations at the emergency department: <sup>1</sup> 1,032 patients

Presentations used to calculate time to leaving the ED: <sup>6</sup> 1,032 patients

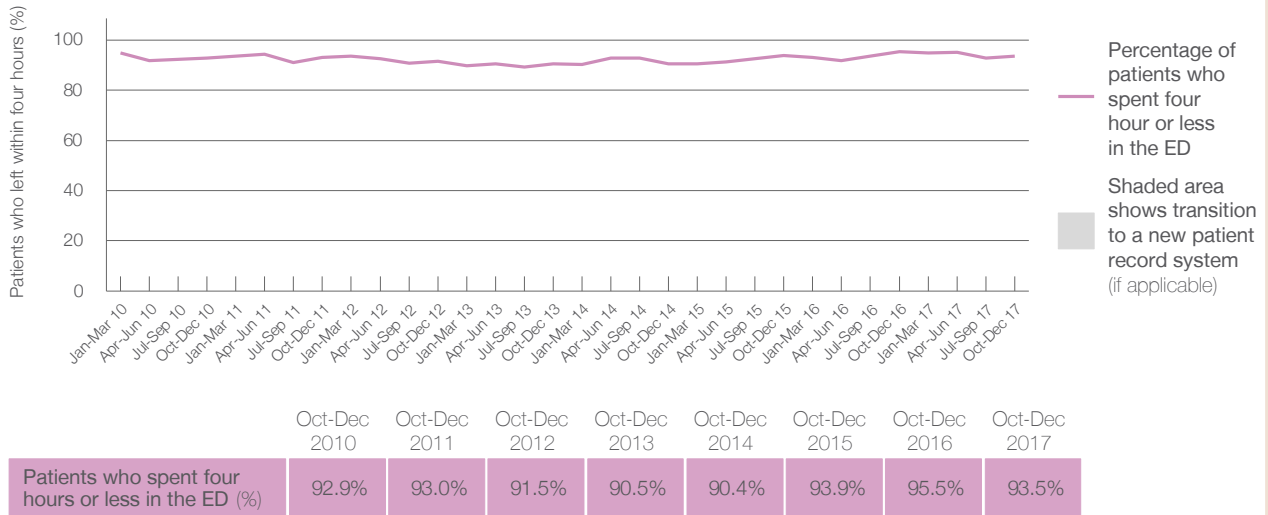
Percentage of patients who spent four hours or less in the ED



93.5%

	Same period last year	Change since one year ago
All presentations at the emergency department: <sup>1</sup> 1,032 patients	1,035	-0.3%
Presentations used to calculate time to leaving the ED: <sup>6</sup> 1,032 patients	1,035	-0.3%
Percentage of patients who spent four hours or less in the ED	95.5%	

Percentage of patients who spent four hours or less in the ED, by quarter, January 2010 to December 2017 <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, 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 23 January 2018). Transfer of care data from Transfer of Care Reporting System (extracted 23 January 2018).