

Kurri Kurri Hospital: Emergency department (ED) overview

October to December 2018

All presentations:¹ 899 patients

Emergency presentations:² 832 patients

Same period last year	Change since one year ago
1,032	-13%
963	-14%

Kurri Kurri Hospital: Time patients waited to start treatment³

October to December 2018

Triage 2 Emergency (e.g. chest pain, severe burns): 59 patients

Median time to start treatment⁴ 3 minutes

90th percentile time to start treatment⁵ *

Triage 3 Urgent (e.g. moderate blood loss, dehydration): 145 patients

Median time to start treatment⁴ 10 minutes

90th percentile time to start treatment⁵ 46 minutes

Triage 4 Semi-urgent (e.g. sprained ankle, earache): 415 patients

Median time to start treatment⁴ 14 minutes

90th percentile time to start treatment⁵ 45 minutes

Triage 5 Non-urgent (e.g. small cuts or abrasions): 213 patients

Median time to start treatment⁴ 10 minutes

90th percentile time to start treatment⁵ 45 minutes

Same period last year	NSW (this period)
66	
6 minutes	8 minutes
*	26 minutes
193	
11 minutes	20 minutes
51 minutes	72 minutes
524	
16 minutes	26 minutes
56 minutes	104 minutes
180	
11 minutes	23 minutes
47 minutes	104 minutes

Kurri Kurri Hospital: Time from presentation until leaving the ED

October to December 2018

Attendances used to calculate time to leaving the ED:⁶ 899 patients

Percentage of patients who spent four hours or less in the ED 94%

Same period last year	Change since one year ago
1,032	-13%
94%	

* 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: October to December 2018*.
- 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.

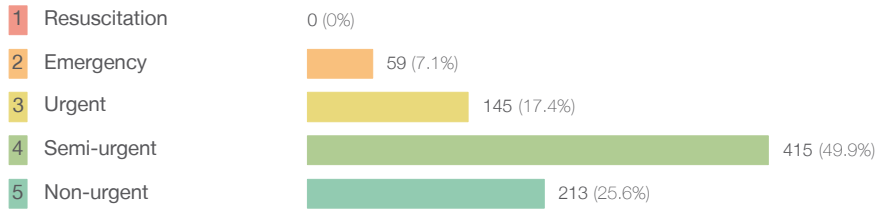
Note: Presentation time is the earlier time recorded for clerical registration or the triage process. Treatment time is the earliest time recorded when a healthcare professional provides medical care relevant to the patient's presenting problems.

Source: Health Information Exchange, NSW Health (extracted 22 January 2019).

Kurri Kurri Hospital: Patients presenting to the emergency department October to December 2018

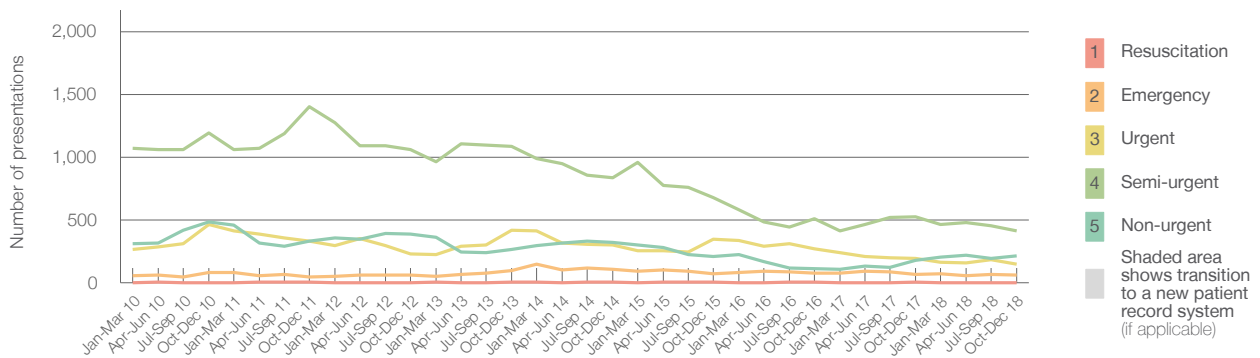
All presentations:¹ 899 patients

Emergency presentations² by triage category: 832 patients



	Same period last year	Change since one year ago
All presentations	1,032	-13%
Emergency presentations	963	-14%
1 Resuscitation	< 5	*
2 Emergency	66	-7.8%
3 Urgent	193	-24.9%
4 Semi-urgent	524	-20.8%
5 Non-urgent	180	18.3%

Emergency presentations² by quarter, January 2010 to December 2018 †



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017	Oct-Dec 2018
Resuscitation	0	< 5	0	< 5	5	< 5	< 5	< 5	0
Emergency	80	48	58	98	105	75	78	66	59
Urgent	461	330	230	416	299	344	270	193	145
Semi-urgent	1,195	1,402	1,062	1,085	836	676	509	524	415
Non-urgent	483	333	385	265	322	208	111	180	213
All emergency presentations	2,219	2,113	1,735	1,864	1,567	1,303	968	963	832

Kurri Kurri Hospital: Patients arriving by ambulance October to December 2018

Arrivals used to calculate transfer of care time:⁷ < 50 patients

ED Transfer of care time

Median time

90th percentile time

Same period last year

Change since one year ago

54

4 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.

Kurri Kurri Hospital: Time patients waited to start treatment, triage 2 October to December 2018

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

Number of triage 2 patients: 59

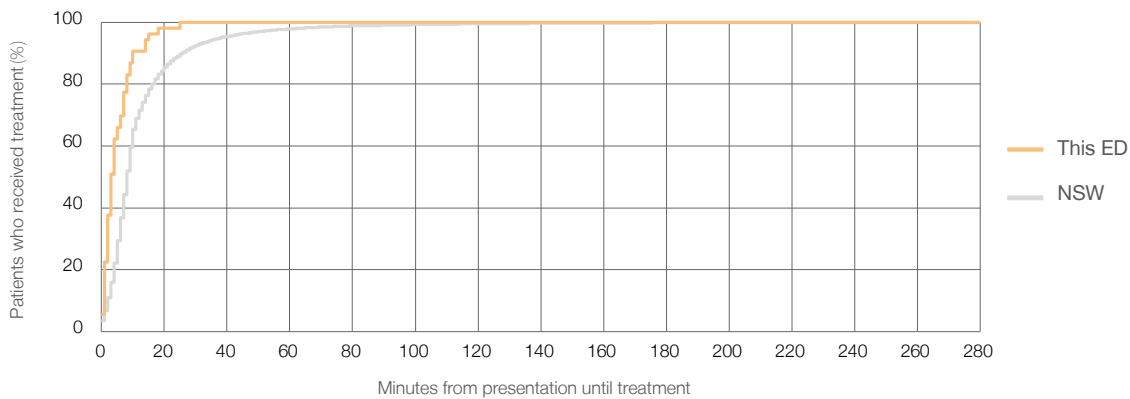
Number of triage 2 patients used to calculate waiting time:³ 53

Median time to start treatment⁴ 3 minutes

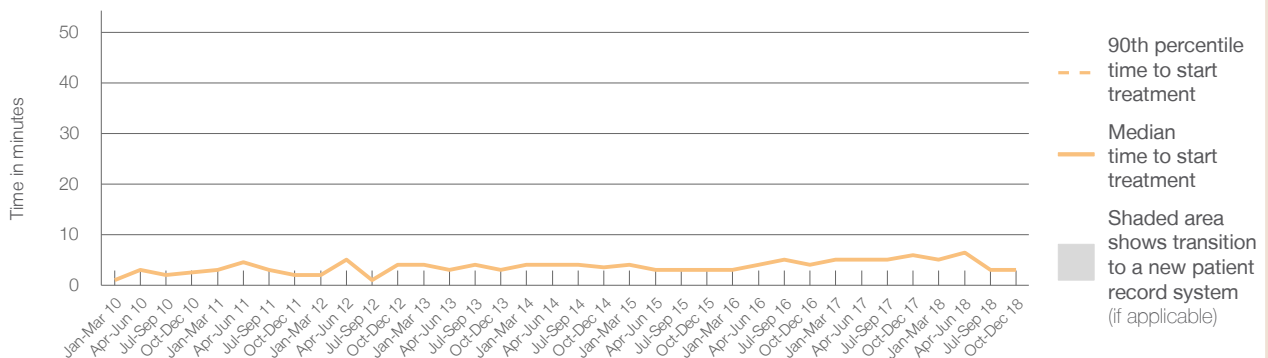
90th percentile time to start treatment⁵ *

Same period last year	NSW (this period)
66	
48	
6 minutes	8 minutes
*	26 minutes

Percentage of triage 2 patients who received treatment by time, October to December 2018



Time patients waited to start treatment (minutes) for triage 2 patients, January 2010 to December 2018^{†‡}



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017	Oct-Dec 2018
Median time to start treatment ⁴ (minutes)	3	2	4	3	4	3	4	6	3
90th percentile time to start treatment ⁵ (minutes)	*	*	*	*	*	*	*	*	*

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

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Kurri Kurri Hospital: Time patients waited to start treatment, triage 3 October to December 2018

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

Number of triage 3 patients: 145

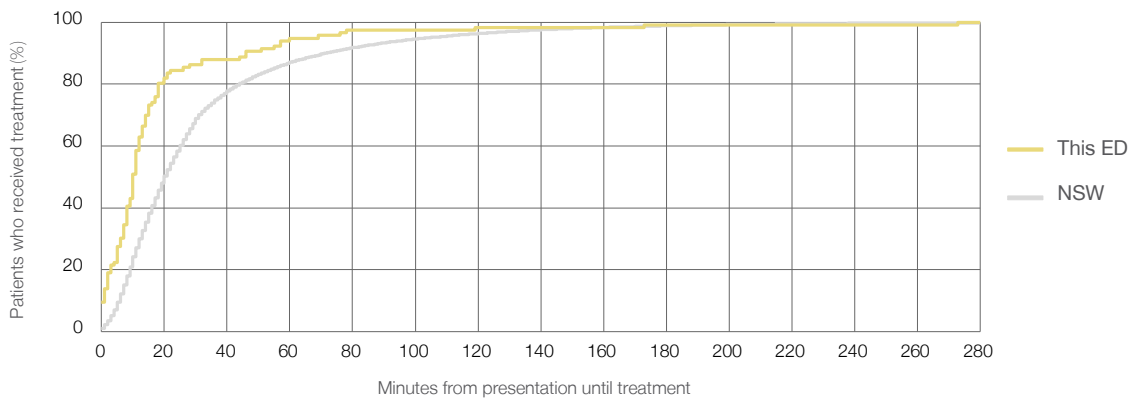
Number of triage 3 patients used to calculate waiting time:³ 116

Median time to start treatment⁴ 10 minutes

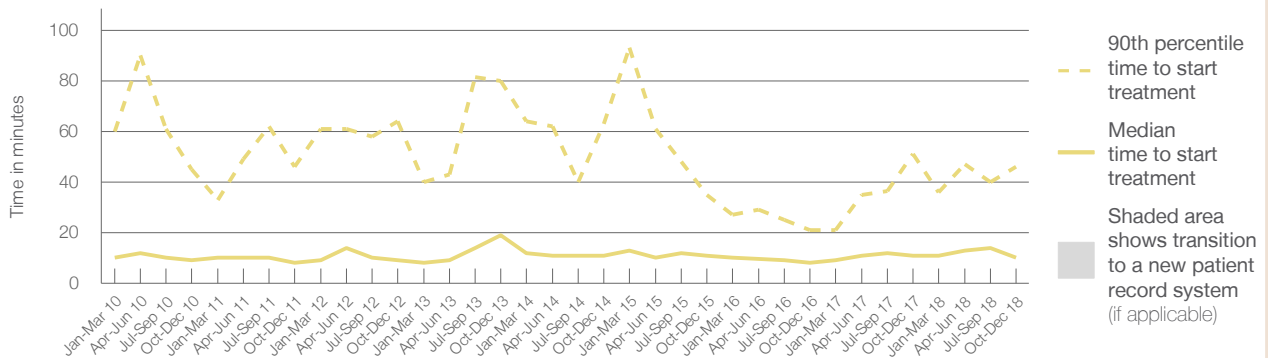
90th percentile time to start treatment⁵ 46 minutes

Same period last year	NSW (this period)
193	
128	
11 minutes	20 minutes
51 minutes	72 minutes

Percentage of triage 3 patients who received treatment by time, October to December 2018



Time patients waited to start treatment (minutes) for triage 3 patients, January 2010 to December 2018^{†‡}



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017	Oct-Dec 2018
Median time to start treatment ⁴ (minutes)	9	8	9	19	11	11	8	11	10
90th percentile time to start treatment ⁵ (minutes)	45	46	64	80	63	35	21	51	46

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Kurri Kurri Hospital: Time patients waited to start treatment, triage 4 October to December 2018

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

Number of triage 4 patients: 415

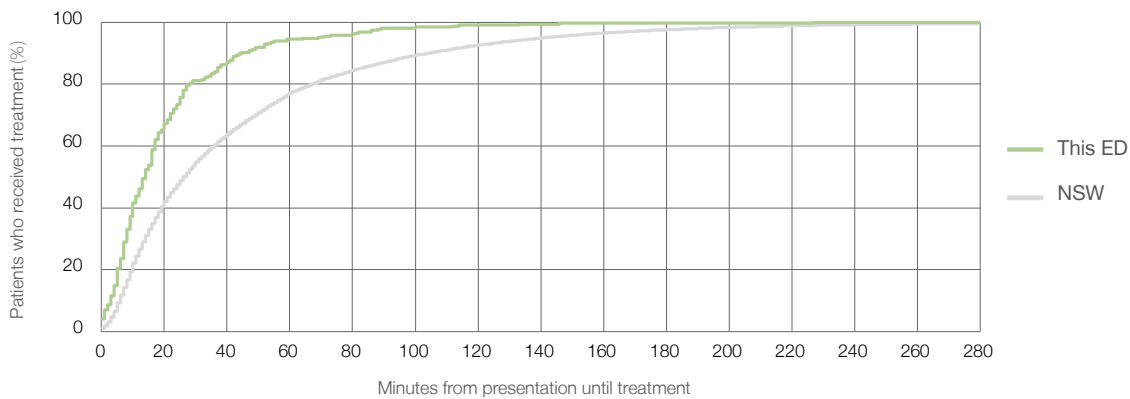
Number of triage 4 patients used to calculate waiting time:³ 308

Median time to start treatment⁴ 14 minutes

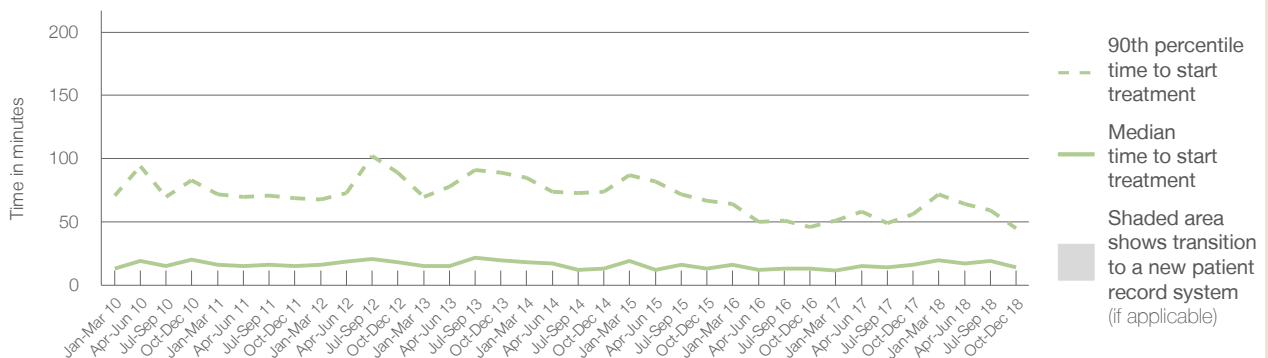
90th percentile time to start treatment⁵ 45 minutes

Same period last year	NSW (this period)
524	316
16 minutes	26 minutes
56 minutes	104 minutes

Percentage of triage 4 patients who received treatment by time, October to December 2018



Time patients waited to start treatment (minutes) for triage 4 patients, January 2010 to December 2018^{†‡}



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017	Oct-Dec 2018
Median time to start treatment ⁴ (minutes)	20	15	18	20	13	13	13	16	14
90th percentile time to start treatment ⁵ (minutes)	83	69	89	89	74	67	46	56	45

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Kurri Kurri Hospital: Time patients waited to start treatment, triage 5 October to December 2018

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

Number of triage 5 patients: 213

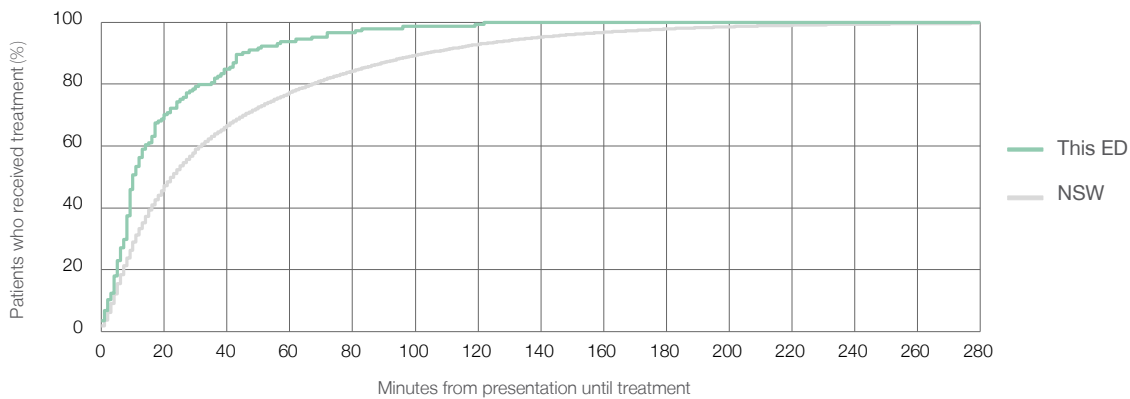
Number of triage 5 patients used to calculate waiting time:³ 144

Median time to start treatment⁴ 10 minutes

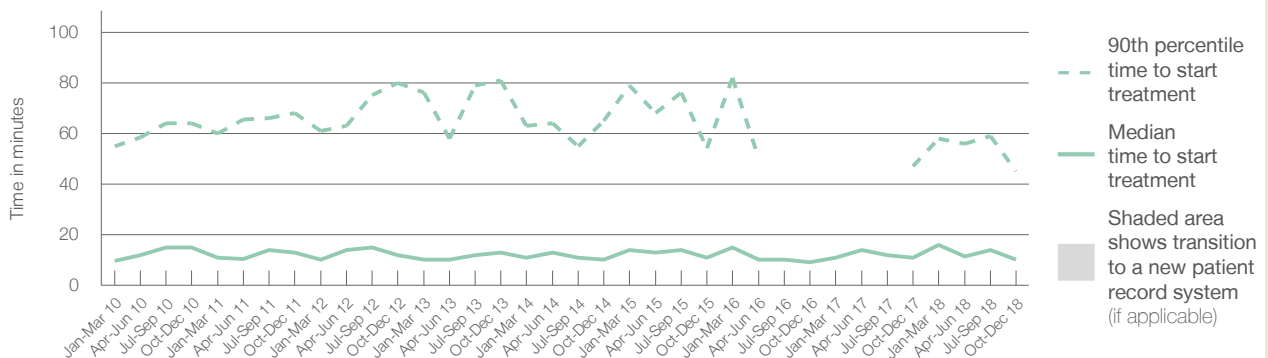
90th percentile time to start treatment⁵ 45 minutes

Same period last year	NSW (this period)
180	
127	
11 minutes	23 minutes
47 minutes	104 minutes

Percentage of triage 5 patients who received treatment by time, October to December 2018



Time patients waited to start treatment (minutes) for triage 5 patients, January 2010 to December 2018^{†‡}



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017	Oct-Dec 2018
Median time to start treatment ⁴ (minutes)	15	13	12	13	10	11	9	11	10
90th percentile time to start treatment ⁵ (minutes)	64	68	80	81	65	54	*	47	45

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Kurri Kurri Hospital: Time patients spent in the ED

October to December 2018

All presentations:¹ 899 patients

Presentations used to calculate time to leaving the ED:⁶ 899 patients

Median time spent in the ED⁸

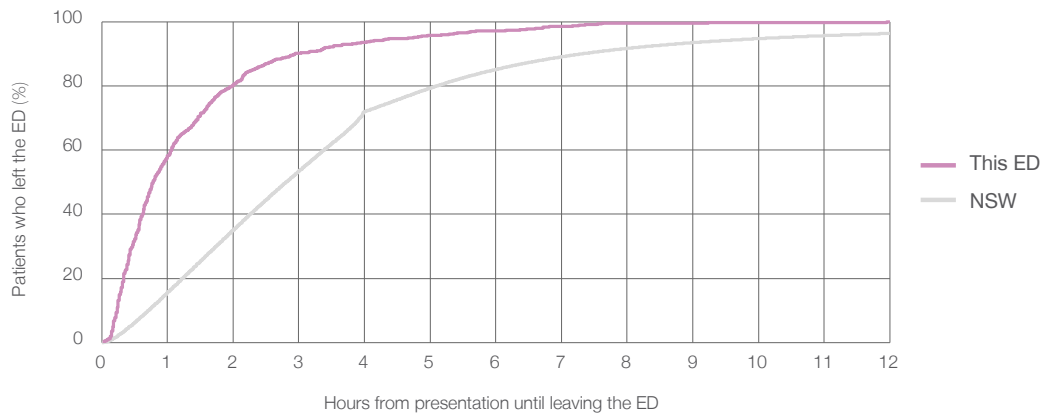
0 hours and 47 minutes

90th percentile time spent in the ED⁹

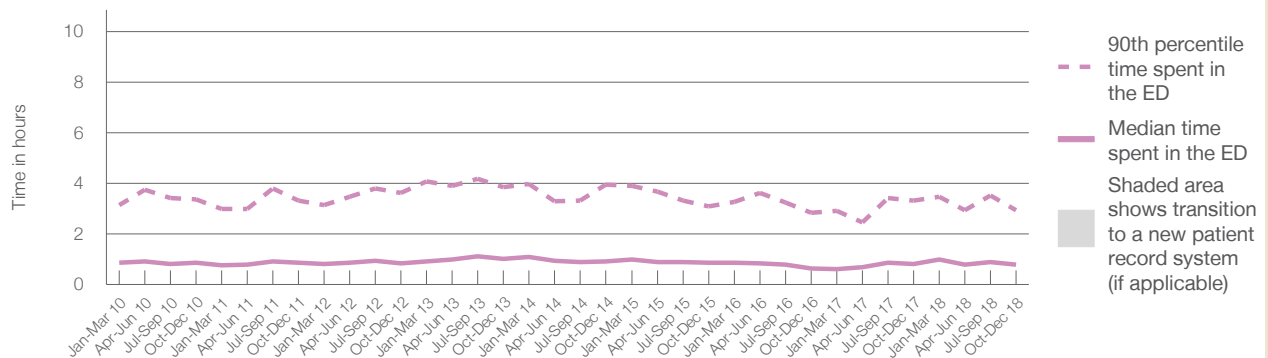
2 hours and 57 minutes

Same period last year	NSW (this period)
1,032	
1,032	
0 hours and 50 minutes	2 hours and 49 minutes
3 hours and 19 minutes	7 hours and 19 minutes

Percentage of patients who left the ED by time, October to December 2018



Time patients spent in the ED, by quarter, January 2010 to December 2018^{†‡}



	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017	Oct-Dec 2018
Median time spent in the ED ⁸ (hours, minutes)	0h 52m	0h 53m	0h 51m	1h 2m	0h 56m	0h 52m	0h 39m	0h 50m	0h 47m
90th percentile time spent in the ED ⁹ (hours, minutes)	3h 23m	3h 20m	3h 38m	3h 51m	3h 57m	3h 6m	2h 50m	3h 19m	2h 57m

(†) 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 Hospital: Time patients spent in the ED

By mode of separation

October to December 2018

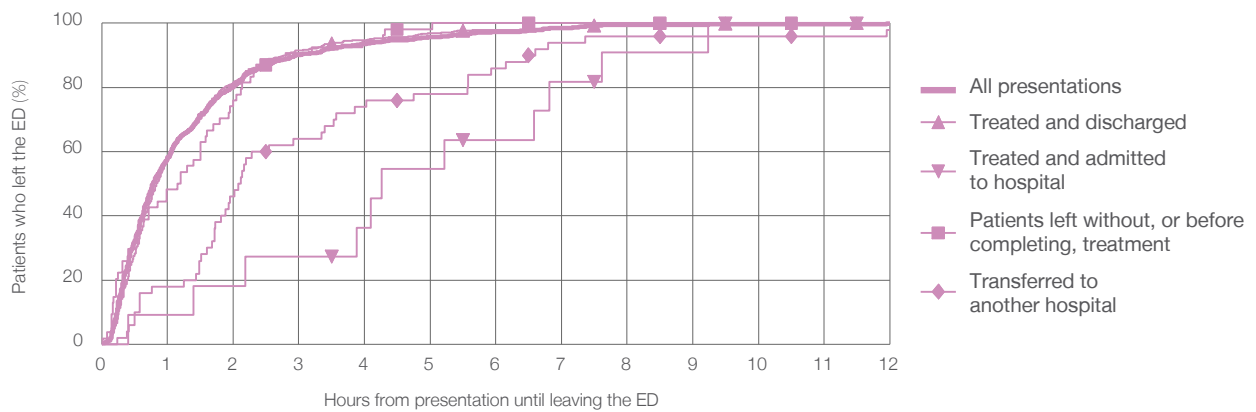
All presentations:¹ 899 patients

Presentations used to calculate time to leaving the ED:⁶ 899 patients

Treated and discharged	595 (66.2%)
Treated and admitted to hospital	11 (1.2%)
Patient left without, or before completing, treatment	54 (6.0%)
Transferred to another hospital	50 (5.6%)
Other	189 (21.0%)

Same period last year	Change since one year ago
1,032	-13%
589	1.0%
30	-63.3%
40	35.0%
46	8.7%
327	-42.2%

Percentage of patients who left the ED by time and mode of separation, October to December 2018^{†‡}



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

Treated and discharged	57.5%	81.5%	91.4%	94.8%	98.0%	99.7%	100%	100%
Treated and admitted to hospital	9.1%	18.2%	27.3%	36.4%	63.6%	90.9%	100%	100%
Patient left without, or before completing, treatment	48.1%	75.9%	90.7%	94.4%	100%	100%	100%	100%
Transferred to another hospital	18.0%	46.0%	64.0%	74.0%	86.0%	96.0%	96.0%	98.0%
All presentations	58.2%	80.3%	90.1%	93.5%	97.2%	99.4%	99.8%	99.9%

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Kurri Kurri Hospital: Time spent in the ED

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

October to December 2018

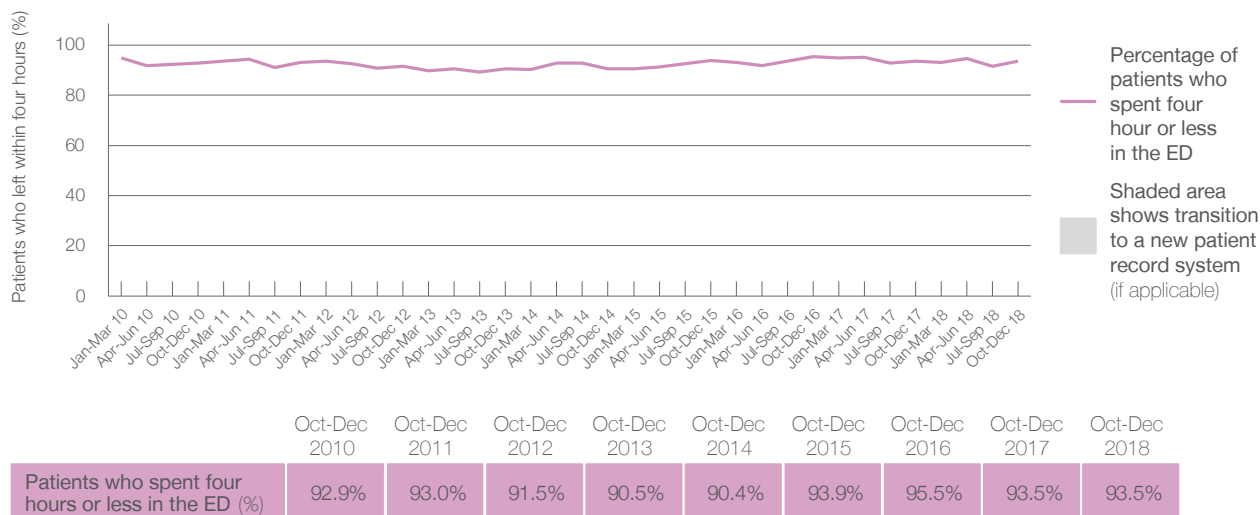
All presentations at the emergency department: ¹ 899 patients
 Presentations used to calculate time to leaving the ED: ⁶ 899 patients

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: ¹ 899 patients	1,032	-13%
Presentations used to calculate time to leaving the ED: ⁶ 899 patients	1,032	-13%
Percentage of patients who spent four hours or less in the ED	93.5%	

Percentage of patients who spent four hours or less in the ED, by quarter, January 2010 to December 2018 ^{†‡}



* Suppressed due to small numbers and to protect privacy. Relevant graphs are also suppressed.

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‡ 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: October to December 2018*.
- 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 22 January 2019).
 Transfer of care data from Transfer of Care Reporting System (extracted 22 January 2019).