

Kurri Kurri Hospital: Emergency department (ED) overview

January to March 2018

All presentations:¹ 965 patients

Emergency presentations:² 903 patients

Same period last year	Change since one year ago
892	8%
829	9%

Kurri Kurri Hospital: Time patients waited to start treatment³

January to March 2018

Triage 2 Emergency (e.g. chest pain, severe burns): 71 patients

Median time to start treatment⁴ 5 minutes

90th percentile time to start treatment⁵ *

Triage 3 Urgent (e.g. moderate blood loss, dehydration): 164 patients

Median time to start treatment⁴ 11 minutes

90th percentile time to start treatment⁵ 36 minutes

Triage 4 Semi-urgent (e.g. sprained ankle, earache): 463 patients

Median time to start treatment⁴ 20 minutes

90th percentile time to start treatment⁵ 72 minutes

Triage 5 Non-urgent (e.g. small cuts or abrasions): 205 patients

Median time to start treatment⁴ 16 minutes

90th percentile time to start treatment⁵ 58 minutes

Same period last year	NSW (this period)
76	
5 minutes	8 minutes
*	23 minutes
239	
9 minutes	20 minutes
21 minutes	65 minutes
410	
12 minutes	25 minutes
51 minutes	98 minutes
104	
11 minutes	22 minutes
*	97 minutes

Kurri Kurri Hospital: Time from presentation until leaving the ED

January to March 2018

Attendances used to calculate time to leaving the ED:⁶ 965 patients

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

93%

Same period last year	Change since one year ago
891	8%
95%	

* 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 2018*.
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 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.
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.

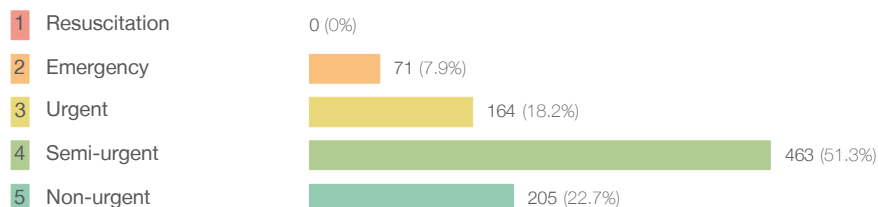
Source: Health Information Exchange, NSW Health (extracted 17 April 2018).

Kurri Kurri Hospital: Patients presenting to the emergency department

January to March 2018

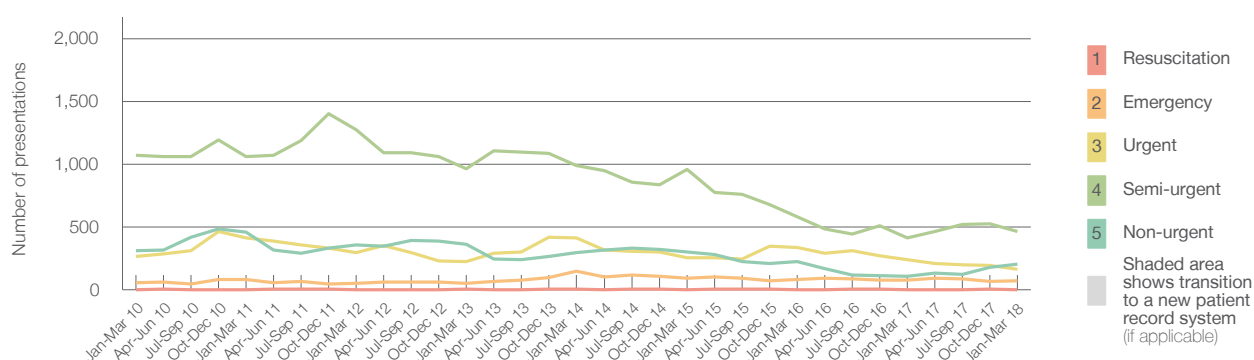
All presentations:¹ 965 patients

Emergency presentations² by triage category: 903 patients



Same period last year	Change since one year ago
892	8%
829	9%
< 5	*
76	-5.3%
239	-31.4%
410	12.9%
104	97.1%

Emergency presentations² by quarter, January 2010 to March 2018 [‡]



	Jan-Mar 2010	Jan-Mar 2011	Jan-Mar 2012	Jan-Mar 2013	Jan-Mar 2014	Jan-Mar 2015	Jan-Mar 2016	Jan-Mar 2017	Jan-Mar 2018
Resuscitation	< 5	0	< 5	5	< 5	< 5	< 5	< 5	0
Emergency	55	80	50	49	152	90	83	76	71
Urgent	266	414	293	224	413	255	336	239	164
Semi-urgent	1,071	1,058	1,275	961	988	958	583	410	463
Non-urgent	308	456	357	360	294	301	222	104	205
All emergency presentations	1,700	2,008	1,975	1,599	1,847	1,604	1,224	829	903

Kurri Kurri Hospital: Patients arriving by ambulance

January to March 2018

Arrivals used to calculate transfer of care time: ⁷ 51 patients

ED Transfer of care time

Median time: 5 minutes

90th percentile time: *

Same period last year	Change since one year ago
< 50 patients	
*	*
*	*

(†) 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

January to March 2018

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

Number of triage 2 patients: 71

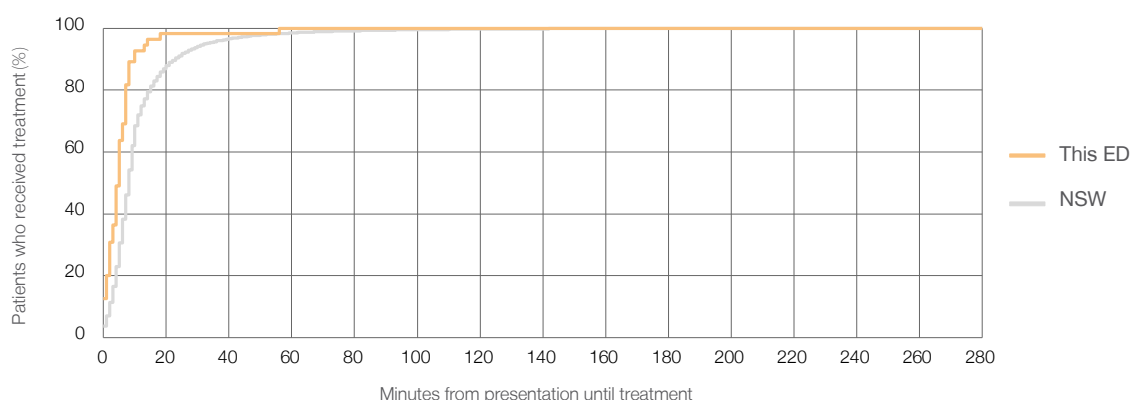
Number of triage 2 patients used to calculate waiting time: ³ 55

Median time to start treatment ⁴ 5 minutes

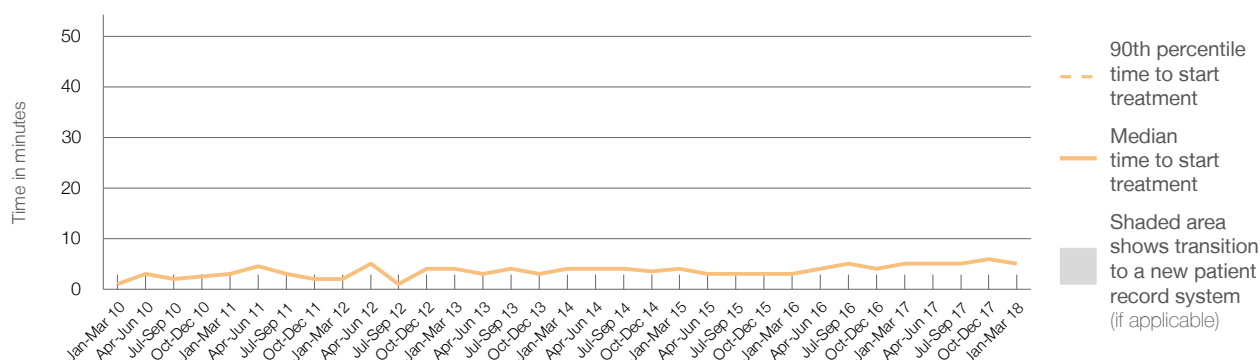
90th percentile time to start treatment ⁵ *

Same period last year	NSW (this period)
76	
55	
5 minutes	8 minutes
*	23 minutes

Percentage of triage 2 patients who received treatment by time, January to March 2018



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



	Jan-Mar 2010	Jan-Mar 2011	Jan-Mar 2012	Jan-Mar 2013	Jan-Mar 2014	Jan-Mar 2015	Jan-Mar 2016	Jan-Mar 2017	Jan-Mar 2018
Median time to start treatment ⁴ (minutes)	1	3	2	4	4	4	3	5	5
90th percentile time to start treatment ⁵ (minutes)	*	*	*	*	37	*	*	*	*

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

January to March 2018

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

Number of triage 3 patients: 164

Number of triage 3 patients used to calculate waiting time:³ 123

Median time to start treatment⁴

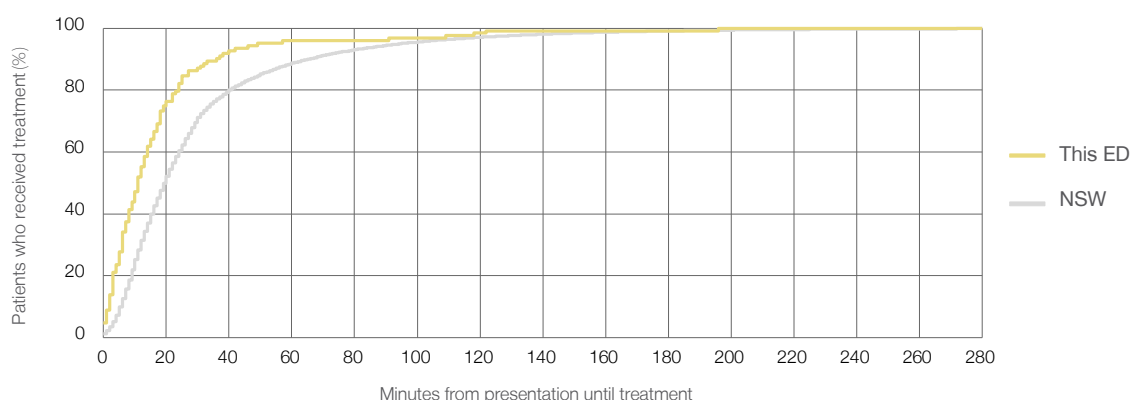
11 minutes

90th percentile time to start treatment⁵

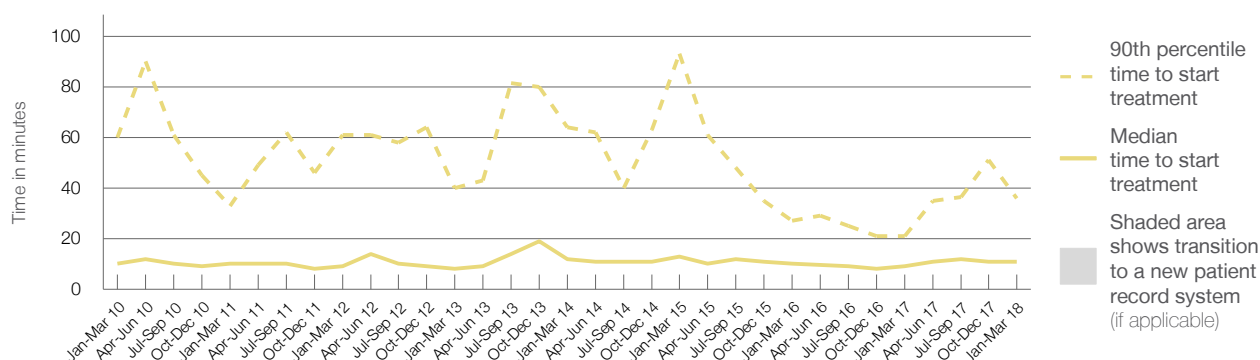
36 minutes

Same period last year	NSW (this period)
239	
146	
9 minutes	20 minutes
21 minutes	65 minutes

Percentage of triage 3 patients who received treatment by time, January to March 2018



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



	Jan-Mar 2010	Jan-Mar 2011	Jan-Mar 2012	Jan-Mar 2013	Jan-Mar 2014	Jan-Mar 2015	Jan-Mar 2016	Jan-Mar 2017	Jan-Mar 2018
Median time to start treatment ⁴ (minutes)	10	10	9	8	12	13	10	9	11
90th percentile time to start treatment ⁵ (minutes)	60	33	61	40	64	93	27	21	36

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

January to March 2018

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

Number of triage 4 patients: 463

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

Median time to start treatment⁴

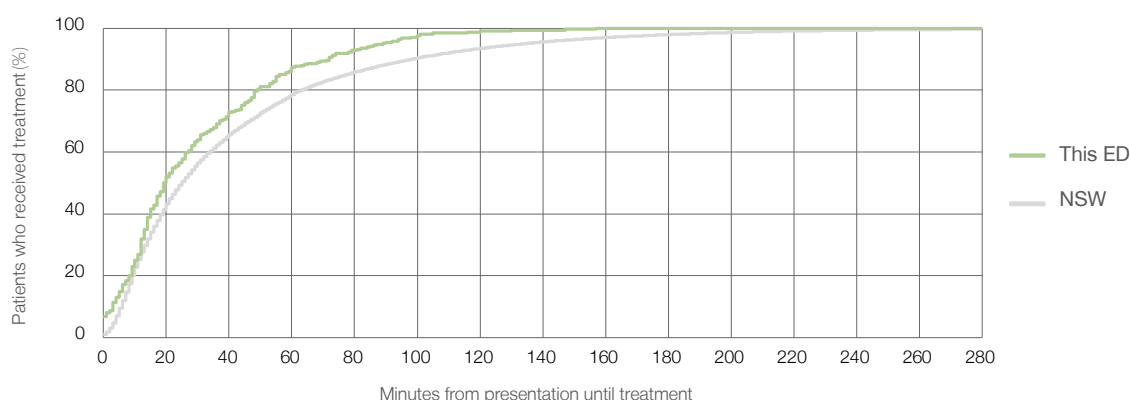
20 minutes

90th percentile time to start treatment⁵

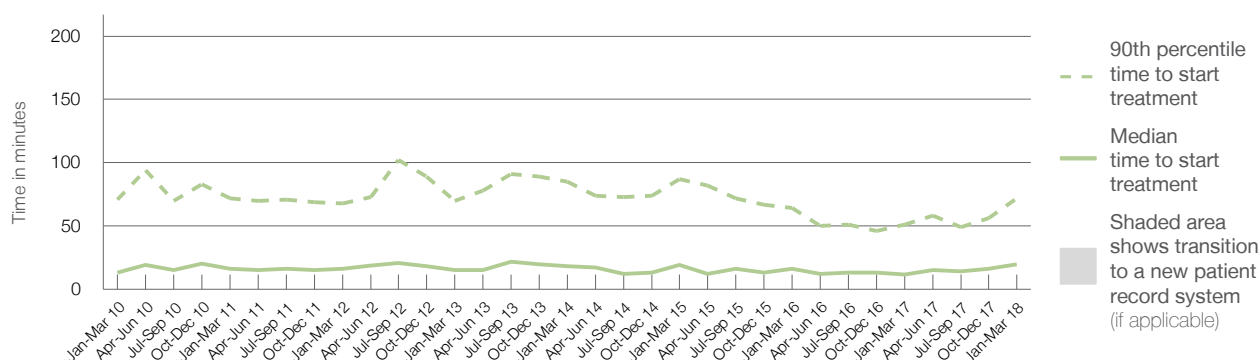
72 minutes

Same period last year	NSW (this period)
410	
228	
12 minutes	25 minutes
51 minutes	98 minutes

Percentage of triage 4 patients who received treatment by time, January to March 2018



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



	Jan-Mar 2010	Jan-Mar 2011	Jan-Mar 2012	Jan-Mar 2013	Jan-Mar 2014	Jan-Mar 2015	Jan-Mar 2016	Jan-Mar 2017	Jan-Mar 2018
Median time to start treatment ⁴ (minutes)	13	16	16	15	18	19	16	12	20
90th percentile time to start treatment ⁵ (minutes)	71	72	68	70	85	87	64	51	72

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

January to March 2018

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

Number of triage 5 patients: 205

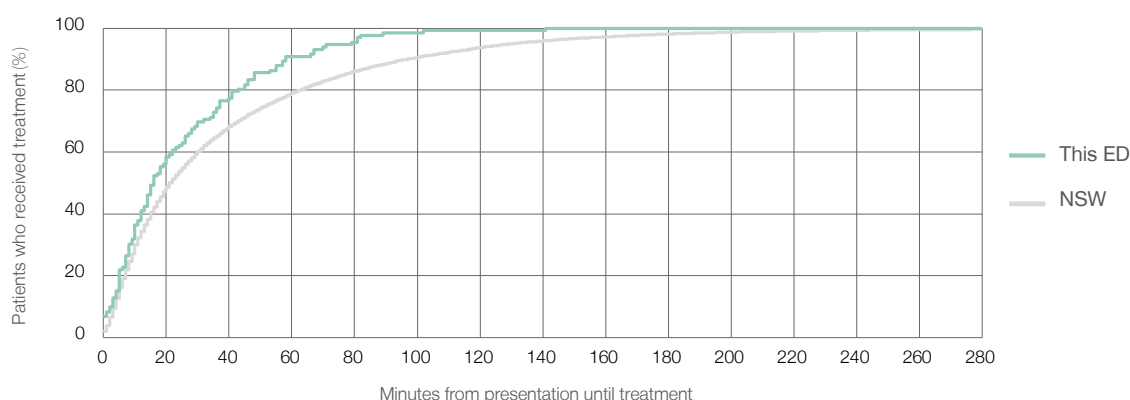
Number of triage 5 patients used to calculate waiting time:³ 132

Median time to start treatment⁴ 16 minutes

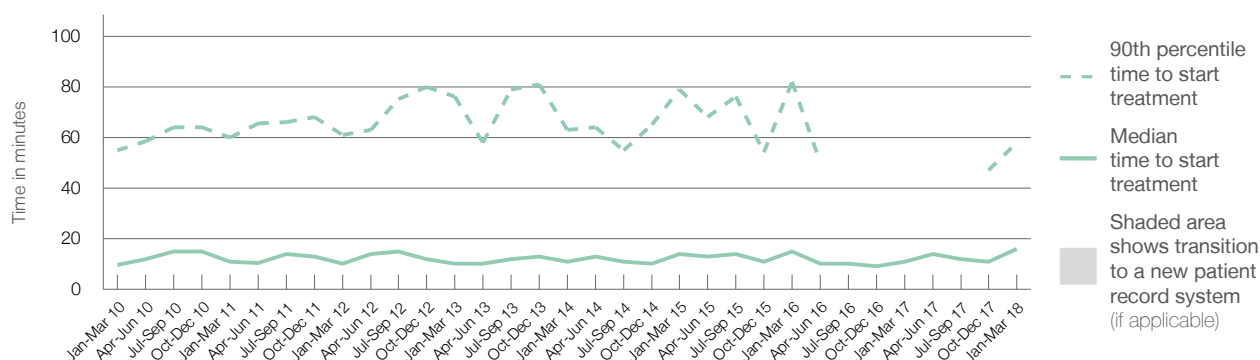
90th percentile time to start treatment⁵ 58 minutes

Same period last year	NSW (this period)
104	
69	
11 minutes	22 minutes
*	97 minutes

Percentage of triage 5 patients who received treatment by time, January to March 2018



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



	Jan-Mar 2010	Jan-Mar 2011	Jan-Mar 2012	Jan-Mar 2013	Jan-Mar 2014	Jan-Mar 2015	Jan-Mar 2016	Jan-Mar 2017	Jan-Mar 2018
Median time to start treatment ⁴ (minutes)	10	11	10	10	11	14	15	11	16
90th percentile time to start treatment ⁵ (minutes)	55	60	61	76	63	79	82	*	58

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Kurri Kurri Hospital: Time patients spent in the ED

January to March 2018

All presentations:¹ 965 patients

Presentations used to calculate time to leaving the ED:⁶ 965 patients

Median time spent in the ED⁸

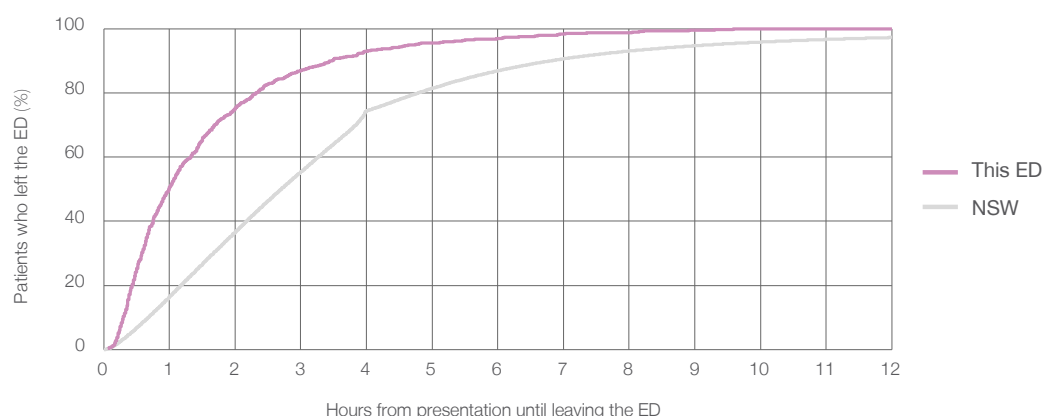
1 hours and 0 minutes

90th percentile time spent in the ED⁹

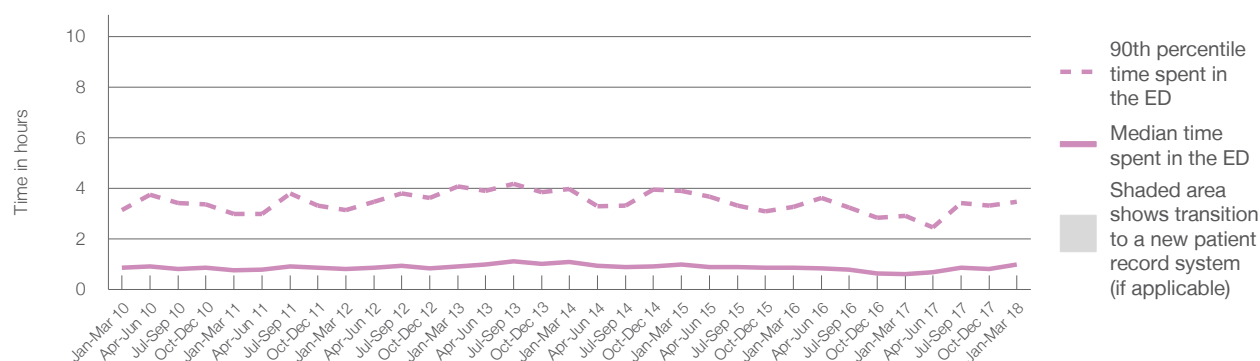
3 hours and 29 minutes

Same period last year	NSW (this period)
892	
891	
0 hours and 37 minutes	2 hours and 42 minutes
2 hours and 55 minutes	6 hours and 49 minutes

Percentage of patients who left the ED by time, January to March 2018



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



	Jan-Mar 2010	Jan-Mar 2011	Jan-Mar 2012	Jan-Mar 2013	Jan-Mar 2014	Jan-Mar 2015	Jan-Mar 2016	Jan-Mar 2017	Jan-Mar 2018
Median time spent in the ED ⁸ (hours, minutes)	0h 53m	0h 46m	0h 49m	0h 55m	1h 6m	1h 0m	0h 53m	0h 37m	1h 0m
90th percentile time spent in the ED ⁹ (hours, minutes)	3h 9m	2h 59m	3h 9m	4h 5m	3h 59m	3h 55m	3h 17m	2h 55m	3h 29m

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Kurri Kurri Hospital: Time patients spent in the ED

By mode of separation

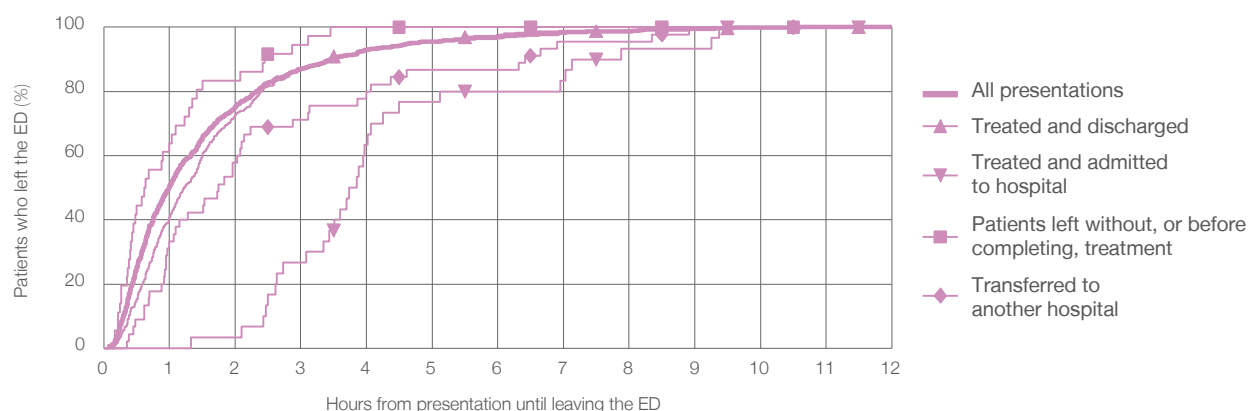
January to March 2018

All presentations:[†] 965 patients

Presentations used to calculate time to leaving the ED:[‡] 965 patients

		Same period last year	Change since one year ago
Treated and discharged	585 (60.6%)	460	27.2%
Treated and admitted to hospital	30 (3.1%)	19	57.9%
Patient left without, or before completing, treatment	36 (3.7%)	53	-32.1%
Transferred to another hospital	45 (4.7%)	40	12.5%
Other	269 (27.9%)	320	-15.9%

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



	1 hour	2 hours	3 hours	4 hours	6 hours	8 hours	10 hours	12 hours
Treated and discharged	40.9%	72.8%	86.7%	92.8%	97.6%	98.8%	99.8%	100%
Treated and admitted to hospital	0%	3.3%	26.7%	63.3%	80.0%	93.3%	100%	100%
Patient left without, or before completing, treatment	63.9%	83.3%	94.4%	100%	100%	100%	100%	100%
Transferred to another hospital	33.3%	57.8%	71.1%	80.0%	86.7%	95.6%	100%	100%
All presentations	50.7%	75.3%	86.9%	93.0%	97.0%	98.8%	99.9%	100%

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Kurri Kurri Hospital: Time spent in the ED

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

January to March 2018

All presentations at the emergency department: ¹ 965 patients

Presentations used to calculate time to leaving the ED: ⁶ 965 patients

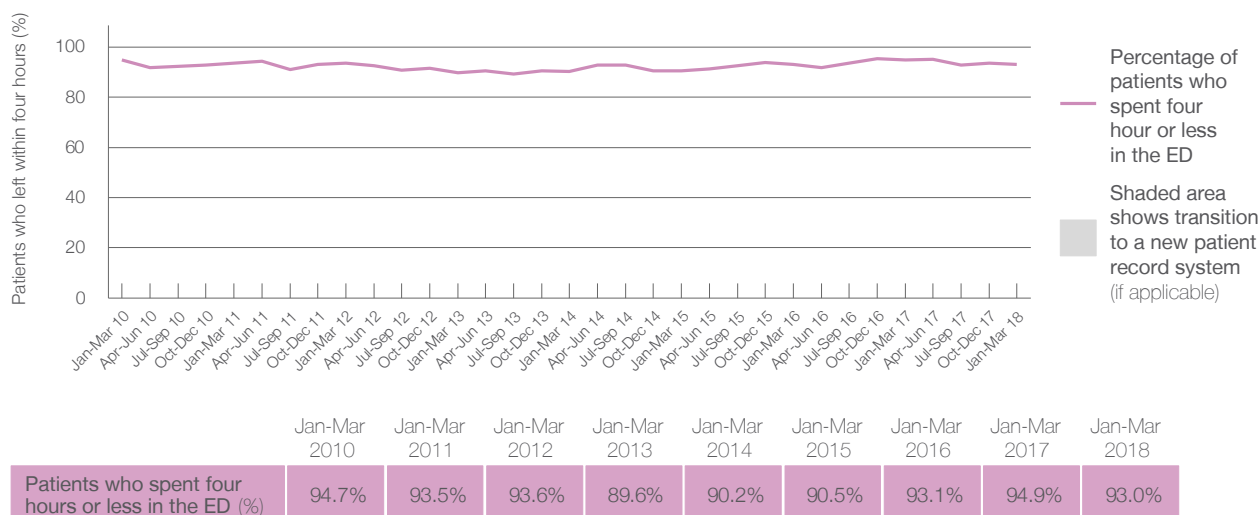
Percentage of patients who spent four hours or less in the ED



93.0%

Same period last year	Change since one year ago
892	8%
891	8%
94.9%	

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



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

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2. All presentations 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 2018*.
4. 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.
5. 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.
6. All presentations that have a departure time.
7. 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*.
8. 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.
9. 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 April 2018).

Transfer of care data from Transfer of Care Reporting System (extracted 17 April 2018).