Broken Hill Base Hospital: Emergency department (ED) overview
October to December 2017

	Same period last year	Change since one year ago
All presentations:[1] 5,629 patients	5,845	-3.7%
Emergency presentations:[2] 5,109 patients	5,265	-3.0%

Broken Hill Base Hospital: Time patients waited to start treatment [3]
October to December 2017

		Same period last year	NSW (this period)
Triage 2 Emergency (e.g. chest pain, severe burns): 469 patients		320	
Median time to start treatment [4]	8 minutes	6 minutes	8 minutes
90th percentile time to start treatment [5]	22 minutes	13 minutes	23 minutes
Triage 3 Urgent (e.g. moderate blood loss, dehydration): 1,045 patients		1,129	
Median time to start treatment [4]	15 minutes	13 minutes	20 minutes
90th percentile time to start treatment [5]	44 minutes	41 minutes	65 minutes
Triage 4 Semi-urgent (e.g. sprained ankle, earache): 1,757 patients		2,043	
Median time to start treatment [4]	19 minutes	17 minutes	26 minutes
90th percentile time to start treatment [5]	71 minutes	62 minutes	99 minutes
Triage 5 Non-urgent (e.g. small cuts or abrasions): 1,816 patients		1,757	
Median time to start treatment [4]	20 minutes	17 minutes	23 minutes
90th percentile time to start treatment [5]	85 minutes	72 minutes	103 minutes

Broken Hill Base Hospital: Time from presentation until leaving the ED
October to December 2017

		Same period last year	Change since one year ago
Attendances used to calculate time to leaving the ED:[6] 5,629 patients		5,845	-3.7%
Percentage of patients who spent four hours or less in the ED	90.0%	89.9%	

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* 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, July to September 2016.*
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.
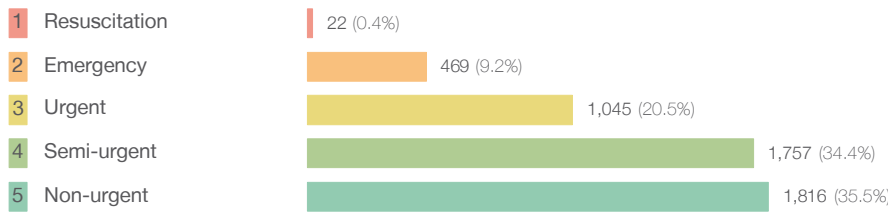6. All presentations that have a departure time.
Note: Presentation time is the earlier time recorded for clerical registration or the triage process. Treatment time is the earliest time recorded when a healthcare professional provides medical care relevant to the patient<s presenting problems.
Source: Health Information Exchange, NSW Health (extracted 23 January 2018).

Broken Hill Base Hospital: Patients presenting to the emergency department
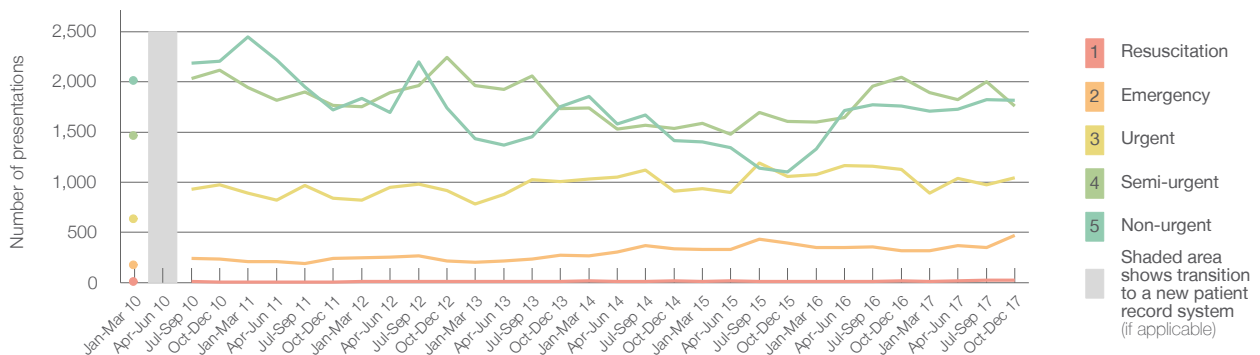October to December 2017

	Same period last year	Change since one year ago
All presentations:[1] 5,629 patients	5,845	-3.7%
Emergency presentations[2] by triage category: 5,109 patients	5,265	-3.0%

		Same period last year	Change since one year ago
1 Resuscitation	22 (0.4%)	16	37.5%
2 Emergency	469 (9.2%)	320	46.6%
3 Urgent	1,045 (20.5%)	1,129	-7.4%
4 Semi-urgent	1,757 (34.4%)	2,043	-14.0%
5 Non-urgent	1,816 (35.5%)	1,757	3.4%

Emergency presentations[2] by quarter, January 2010 to December 2017 ‡

Legend:
1 Resuscitation
2 Emergency
3 Urgent
4 Semi-urgent
5 Non-urgent
Shaded area shows transition to a new patient record system (if applicable)

	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	8	7	10	13	16	12	16	22
Emergency	235	241	215	271	335	394	320	469
Urgent	974	843	915	1,005	910	1,057	1,129	1,045
Semi-urgent	2,115	1,765	2,242	1,735	1,534	1,605	2,043	1,757
Non-urgent	2,203	1,718	1,738	1,752	1,413	1,103	1,757	1,816
All emergency presentations	5,535	4,574	5,120	4,776	4,208	4,171	5,265	5,109

Broken Hill Base Hospital: Patients arriving by ambulance
October to December 2017

	Same period last year	Change since one year ago
Arrivals used to calculate transfer of care time: [7] 680 patients	693	

ED Transfer of care time

		Same period last year	Change since one year ago
Median time	9 minutes	10 minutes	-1 minute
90th percentile time	19 minutes	23 minutes	-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.

Broken Hill Base Hospital

District group 1 hospitals (C1)
Far West Local Health District

Broken Hill Base Hospital: Time patients waited to start treatment, triage 2
October to December 2017

			Same period last year	NSW (this period)
Triage 2 Emergency (e.g. chest pain, severe burns)				
Number of triage 2 patients: 469			320	
Number of triage 2 patients used to calculate waiting time: [3] 468			318	
Median time to start treatment [4]		8 minutes	6 minutes	8 minutes
90th percentile time to start treatment [5]		22 minutes	13 minutes	23 minutes

Percentage of triage 2 patients who received treatment by time, October to December 2017
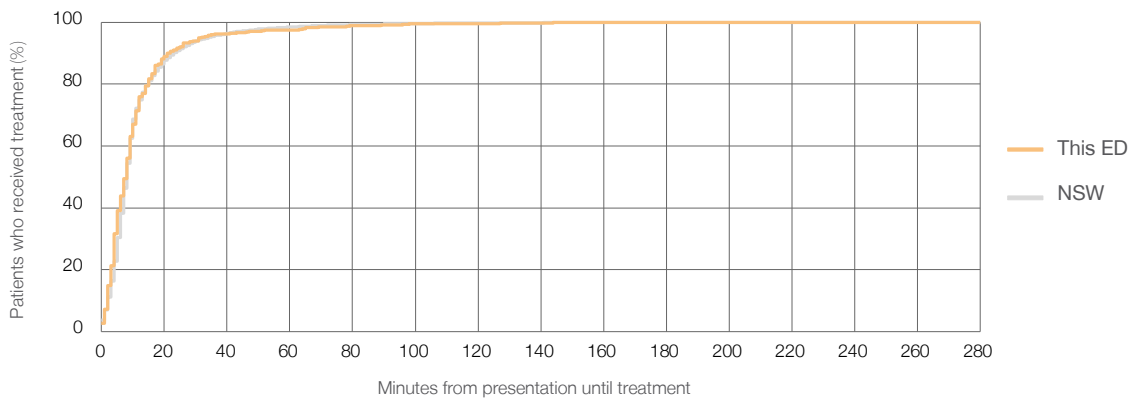
Time patients waited to start treatment (minutes) for triage 2 patients, January 2010 to December 2017 [†‡]
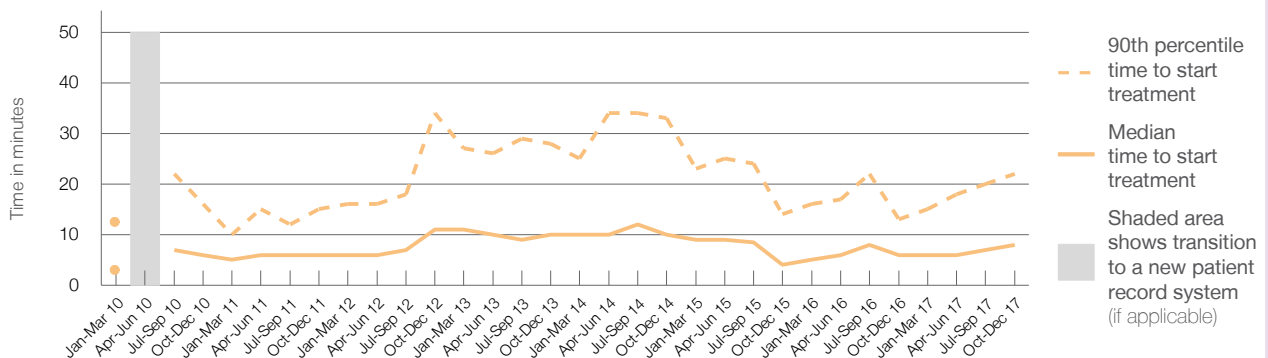
	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017
Median time to start treatment [4] (minutes)	6	6	11	10	10	4	6	8
90th percentile time to start treatment [5] (minutes)	16	15	34	28	33	14	13	22

(†) 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.

Broken Hill Base Hospital: Time patients waited to start treatment, triage 3
October to December 2017

			Same period last year	NSW (this period)
Triage 3 Urgent (e.g. moderate blood loss, dehydration)				
Number of triage 3 patients: 1,045			1,129	
Number of triage 3 patients used to calculate waiting time: [3] 1,006			1,064	
Median time to start treatment [4]		15 minutes	13 minutes	20 minutes
90th percentile time to start treatment [5]		44 minutes	41 minutes	65 minutes

Percentage of triage 3 patients who received treatment by time, October to December 2017
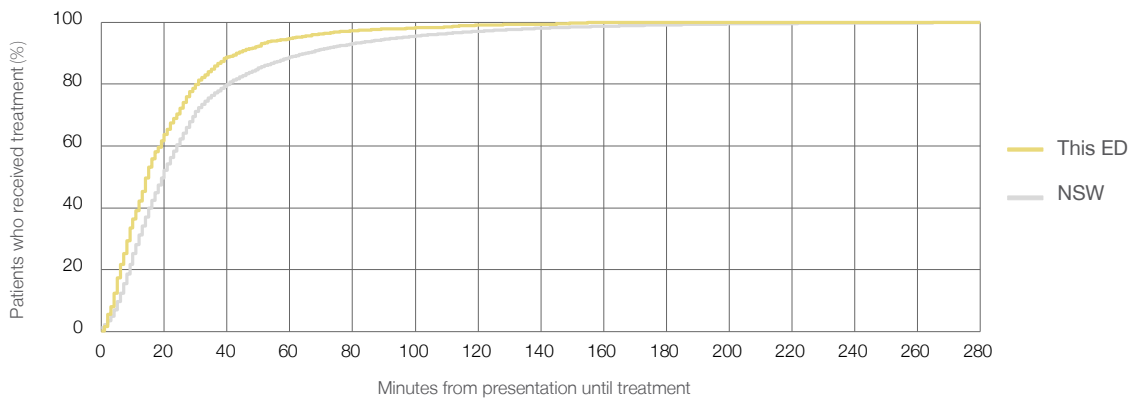
Time patients waited to start treatment (minutes) for triage 3 patients, January 2010 to December 2017 [†‡]
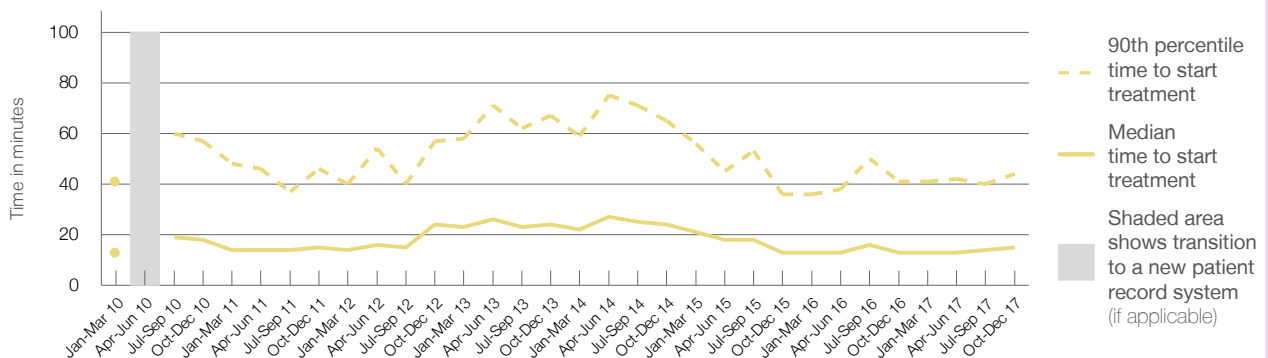
	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017
Median time to start treatment [4] (minutes)	18	15	24	24	24	13	13	15
90th percentile time to start treatment [5] (minutes)	57	46	57	67	65	36	41	44

(†) 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.

Broken Hill Base Hospital

District group 1 hospitals (C1)
Far West Local Health District

Broken Hill Base Hospital: Time patients waited to start treatment, triage 4
October to December 2017

			Same period last year	NSW (this period)
Triage 4 Semi-urgent (e.g. sprained ankle, earache)				
Number of triage 4 patients: 1,757			2,043	
Number of triage 4 patients used to calculate waiting time:[3] 1,129			1,270	
Median time to start treatment[4]		19 minutes	17 minutes	26 minutes
90th percentile time to start treatment[5]		71 minutes	62 minutes	99 minutes

Percentage of triage 4 patients who received treatment by time, October to December 2017
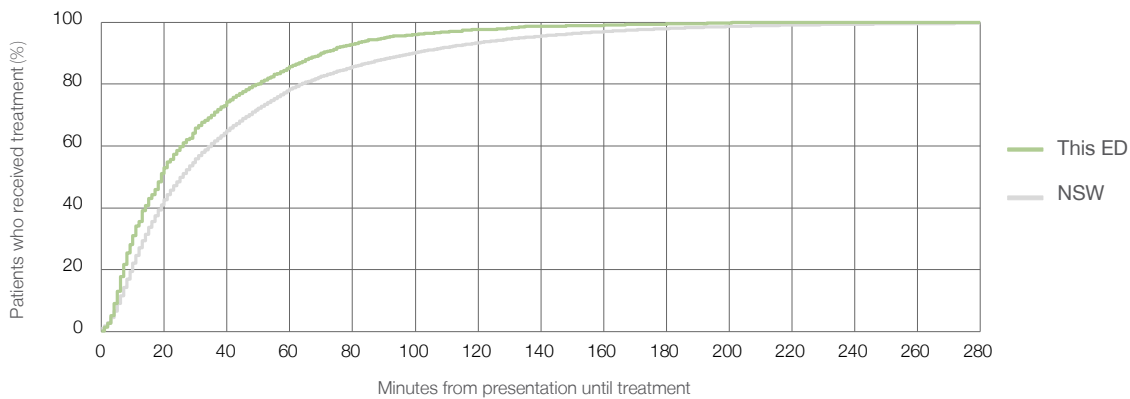
Time patients waited to start treatment (minutes) for triage 4 patients, January 2010 to December 2017 [†‡]
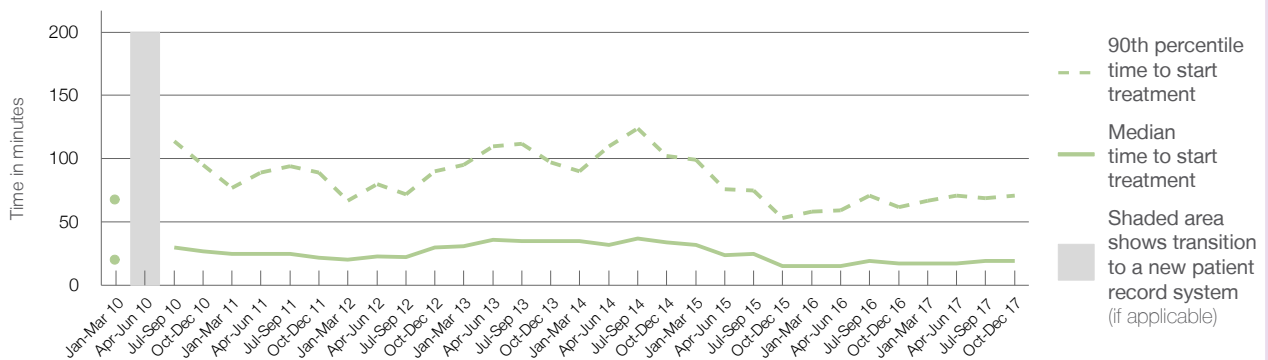
	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017
Median time to start treatment[4] (minutes)	27	22	30	35	34	15	17	19
90th percentile time to start treatment[5] (minutes)	95	89	90	97	102	53	62	71

(†) 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.

Broken Hill Base Hospital

District group 1 hospitals (C1)
Far West Local Health District

Broken Hill Base Hospital: Time patients waited to start treatment, triage 5

October to December 2017

			Same period last year	NSW (this period)
Triage 5	Non-urgent (e.g. small cuts or abrasions)			
Number of triage 5 patients: 1,816			1,757	
Number of triage 5 patients used to calculate waiting time:[3] 682			603	
Median time to start treatment[4]		20 minutes	17 minutes	23 minutes
90th percentile time to start treatment[5]		85 minutes	72 minutes	103 minutes

Percentage of triage 5 patients who received treatment by time, October to December 2017
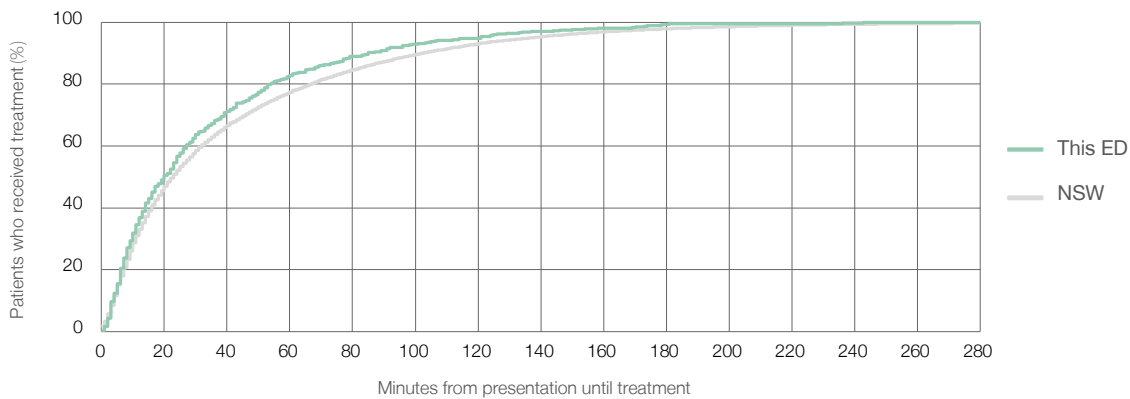
Time patients waited to start treatment (minutes) for triage 5 patients, January 2010 to December 2017 [†‡]
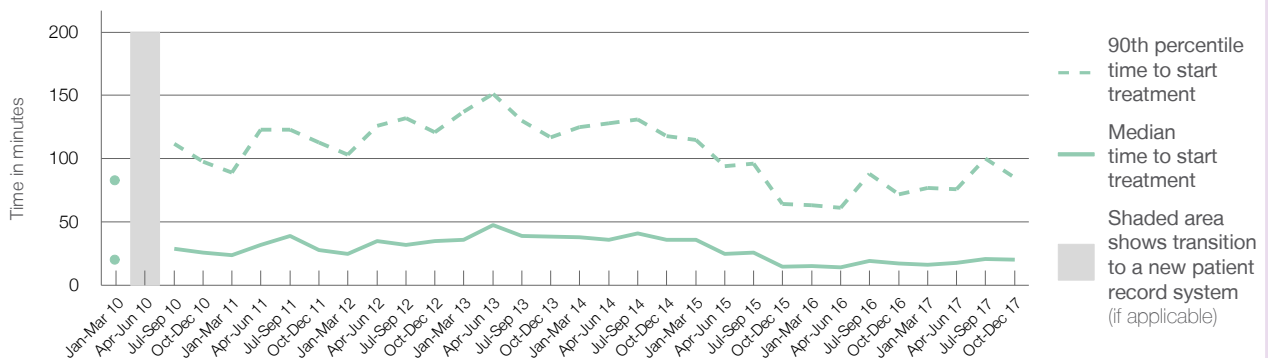
90th percentile time to start treatment

Median time to start treatment

Shaded area shows transition to a new patient record system (if applicable)

	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[4] (minutes)	26	28	35	39	36	15	17	20
90th percentile time to start treatment[5] (minutes)	98	113	121	117	118	64	72	85

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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.

Broken Hill Base Hospital: Time patients spent in the ED
October to December 2017

		Same period last year	NSW (this period)
All presentations:[1] 5,629 patients		5,845	
Presentations used to calculate time to leaving the ED:[6] 5,629 patients		5,845	
Median time spent in the ED [8]	1 hours and 0 minutes	1 hours and 2 minutes	2 hours and 44 minutes
90th percentile time spent in the ED [9]	4 hours and 1 minutes	4 hours and 2 minutes	6 hours and 55 minutes

Percentage of patients who left the ED by time, October to December 2017
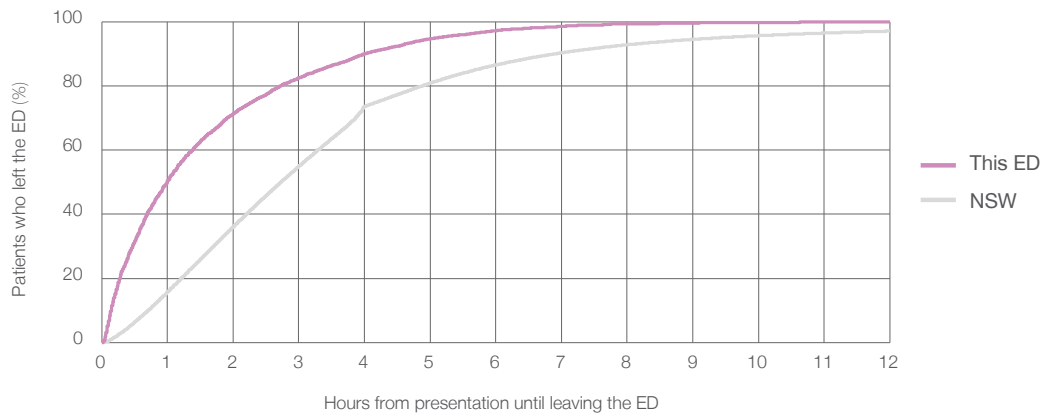
Time patients spent in the ED, by quarter, January 2010 to December 2017 [†‡]
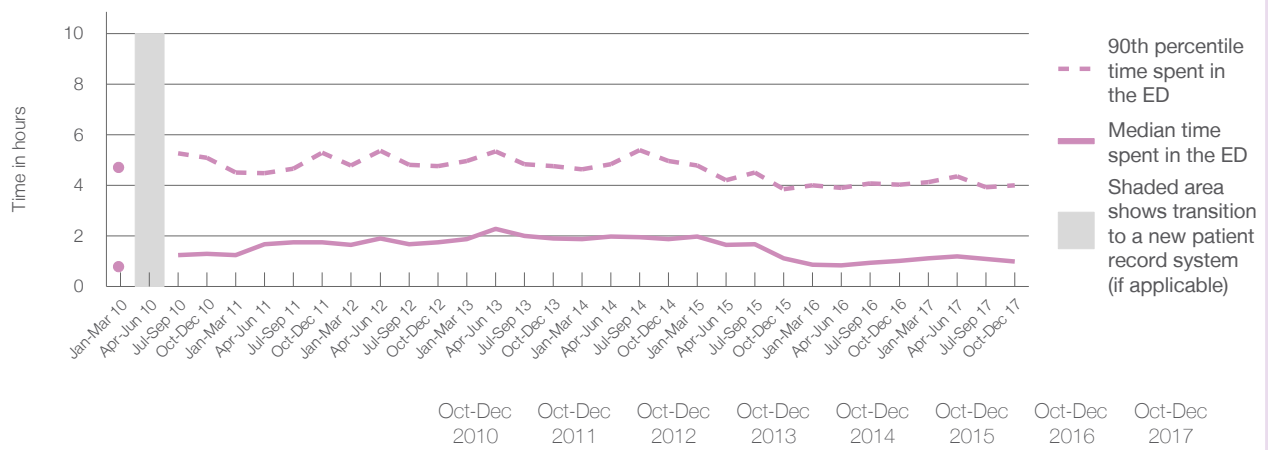
- - - 90th percentile time spent in the ED

—— Median time spent in the ED

Shaded area shows transition to a new patient record system (if applicable)

	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 [8] (hours, minutes)	1h 18m	1h 46m	1h 45m	1h 54m	1h 53m	1h 8m	1h 2m	1h 0m
90th percentile time to leaving the ED [9] (hours, minutes)	5h 6m	5h 18m	4h 46m	4h 46m	4h 58m	3h 51m	4h 2m	4h 1m

(†) 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.

Broken Hill Base Hospital: Time patients spent in the ED
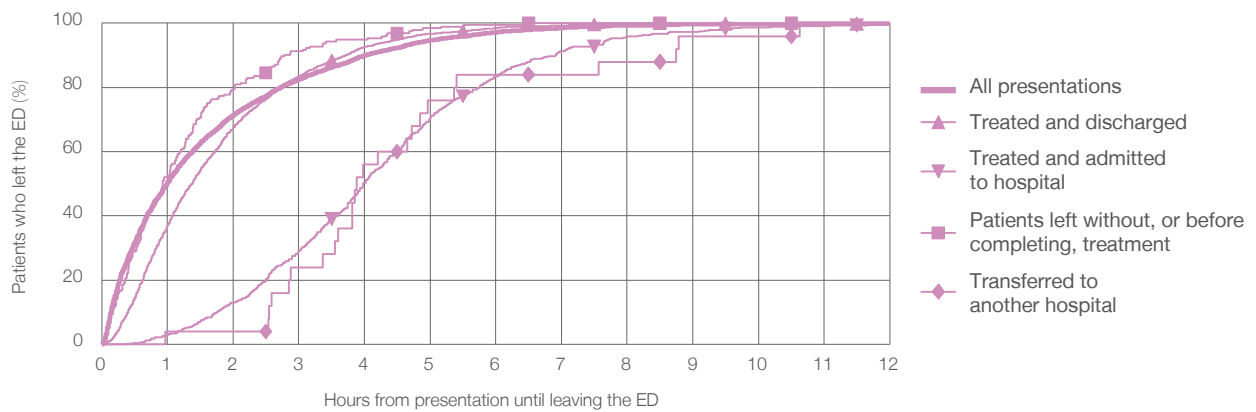By mode of separation
October to December 2017

		Same period last year	Change since one year ago
All presentations:[1] 5,629 patients			
Presentations used to calculate time to leaving the ED:[6] 5,629 patients		5,845	-3.7%
Treated and discharged	2,927 (52.0%)	2,910	0.6%
Treated and admitted to hospital	651 (11.6%)	648	0.5%
Patient left without, or before completing, treatment	194 (3.4%)	182	6.6%
Transferred to another hospital	25 (0.4%)	15	66.7%
Other	1,832 (32.5%)	2,090	-12.3%

Percentage of patients who left the ED by time and mode of separation, October to December 2017 [†‡]

Legend:
- All presentations
- Treated and discharged
- Treated and admitted to hospital
- Patients left without, or before completing, treatment
- Transferred to another hospital

	1 hour	2 hours	3 hours	4 hours	6 hours	8 hours	10 hours	12 hours
Treated and discharged	37.1%	67.5%	83.5%	92.7%	98.5%	99.7%	99.9%	99.9%
Treated and admitted to hospital	2.9%	12.9%	29.0%	50.2%	83.4%	95.9%	98.8%	99.5%
Patient left without, or before completing, treatment	52.6%	79.4%	91.2%	94.8%	99.5%	100%	100%	100%
Transferred to another hospital	4.0%	4.0%	24.0%	56.0%	84.0%	88.0%	96.0%	100%
All presentations	50.4%	71.4%	82.5%	90.0%	97.2%	99.3%	99.8%	99.9%

(†) 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.

Broken Hill Base Hospital: Time spent in the ED
Percentage of patients who spent four hours or less in the ED
October to December 2017

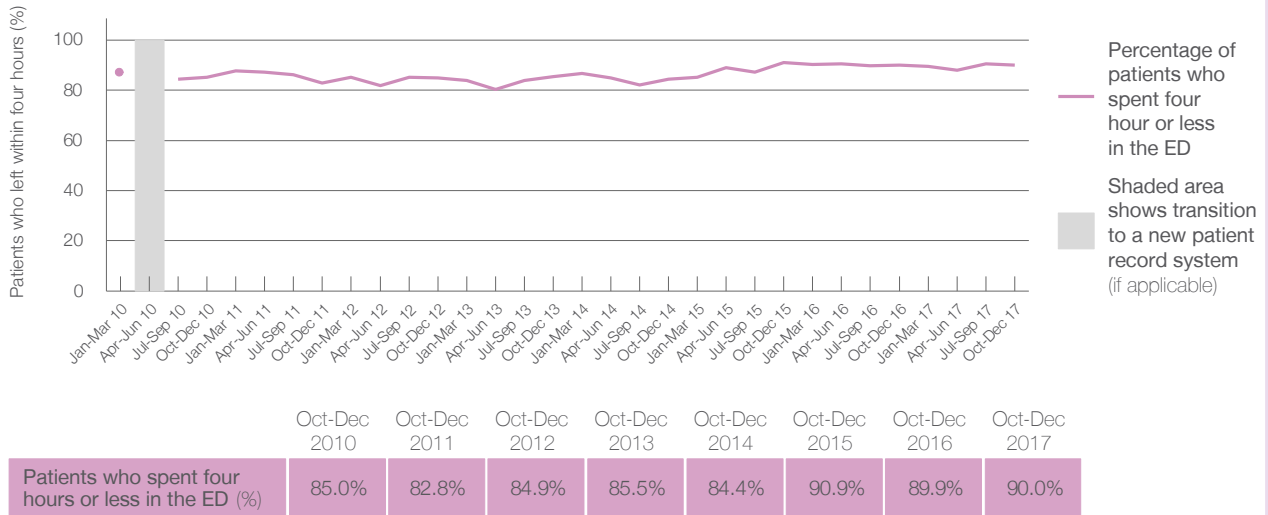|	Same period last year	Change since one year ago
All presentations at the emergency department: [1] 5,629 patients	5,845	-3.7%
Presentations used to calculate time to leaving the ED: [6] 5,629 patients	5,845	-3.7%
Percentage of patients who spent four hours or less in the ED 90.0%	89.9%	

Percentage of patients who spent four hours or less in the ED, by quarter, January 2010 to December 2017 [†‡]

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

Shaded area shows transition to a new patient record system (if applicable)

	Oct-Dec 2010	Oct-Dec 2011	Oct-Dec 2012	Oct-Dec 2013	Oct-Dec 2014	Oct-Dec 2015	Oct-Dec 2016	Oct-Dec 2017
Patients who spent four hours or less in the ED (%)	85.0%	82.8%	84.9%	85.5%	84.4%	90.9%	89.9%	90.0%

* 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.*

1. All emergency and non-emergency presentations at the emergency department (ED).

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, July to September 2016.*

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 final105% 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 23 January 2018).
Transfer of care data from Transfer of Care Reporting System (extracted 23 January 2018).

Broken Hill Base Hospital

District group 1 hospitals (C1)
Far West Local Health District