

Hospital Quarterly

Performance Profiles

Emergency Department

South Western Sydney Local Health District

NSW

Bankstown / Lidcombe Hospital: Emergency department (ED) overview July to September 2016

	last year	one year ago
All presentations: 1 13,333 patients	13,582	-1.8%
Emergency presentations: ² 13,229 patients	13,481	-1.9%

Bankstown / Lidcombe Hospital: Time patients waited to start treatment ³

July to September 2016

	last year	(this period)
Triage 2 Emergency (e.g. chest pain, severe burns): 2,781 patients	2,723	
Median time to start treatment ⁴	9 minutes	8 minutes
95th percentile time to start treatment 5 45 minutes	46 minutes	41 minutes
Triage 3 Urgent (e.g. moderate blood loss, dehydration): 6,053 patients	5,680	
Median time to start treatment ⁴ 23 minutes	22 minutes	21 minutes
95th percentile time to start treatment ⁵	121 minutes	103 minutes
Triage 4 Semi-urgent (e.g. sprained ankle, earache): 3,796 patients	4,457	
Median time to start treatment ⁴ 23 minutes	24 minutes	27 minutes
95th percentile time to start treatment ⁵	126 minutes	139 minutes
Triage 5 Non-urgent (e.g. small cuts or abrasions): 481 patients	518	
Median time to start treatment ⁴ 22 minutes	18 minutes	24 minutes
95th percentile time to start treatment ⁵	123 minutes	138 minutes

Bankstown / Lidcombe Hospital: Time from presentation until leaving the ED

July to September 2016

Attendances used to calculate time to leaving the ED: 6 13,333 patients

Percentage of patients who spent four hours or less in the ED 71.4%

	Change since one year ago
13,582	-1.8%
68.5%	

Same period Change since

Same period

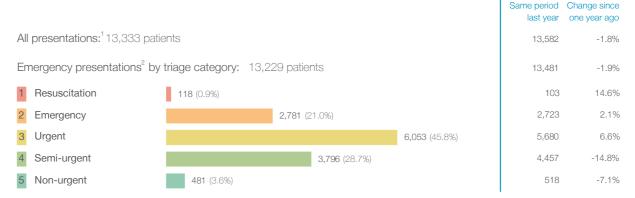
- * Suppressed due to small number of patients and to protect privacy. Relevant graphs are also suppressed.
- 1. All emergency and non-emergency attendances at the emergency department (ED).
- 2. All attendances that have a triage category and are coded as emergency presentations or unplanned return 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 95th percentile is the time by which 95% of patients started treatment. The final 5% 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.

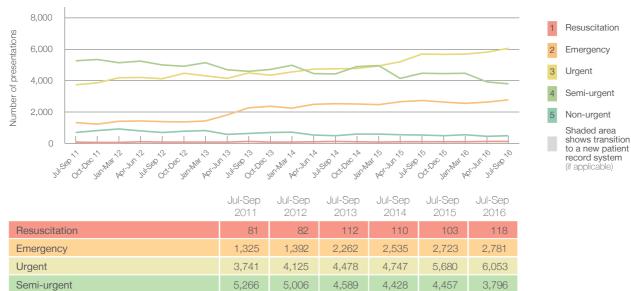
Source: Health Information Exchange, NSW Health (extracted 20 October 2016).

Bankstown / Lidcombe Hospital: Patients presenting to the emergency department

July to September 2016



Emergency presentations² by quarter, July 2011 to September 2016 [‡]



634

12,075

478

13,481

12,298

481

Same period Change since

13.229

Bankstown / Lidcombe Hospital: Patients arriving by ambulance

11,102

11,300

July to September 2016

All emergency presentations

Non-urgent

		last year	one year ago
Arrivals used to calculate trans	sfer of care time: 7 3,782 patients	3,937	
ED Transfer of care time			
Median time	14 minutes	19 minutes	-5 minutes
95th percentile time	33 minutes	78 minutes	-45 minutes

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

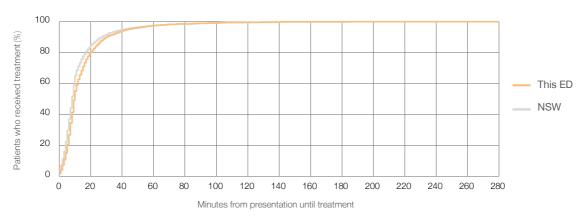
^(±) Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

Approaches to reporting time measures of emergency department performance, December 2011.

Bankstown / Lidcombe Hospital: Time patients waited to start treatment, triage 2 July to September 2016

Triage 2 Emergency (e.g. chest pain, severe burns)	Same period last year	NSW (this period)
Number of triage 2 patients: 2,781	2,723	
Number of triage 2 patients used to calculate waiting time: 3 2,773	2,714	
Median time to start treatment ⁴ 10 minutes	9 minutes	8 minutes
95th percentile time to start treatment ⁵ 45 minutes	46 minutes	41 minutes

Percentage of triage 2 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 2 patients, July 2011 to September 2016 †‡



 $^{(\}dagger)$ Data points are not shown in graphs for quarters when patient numbers are too small.

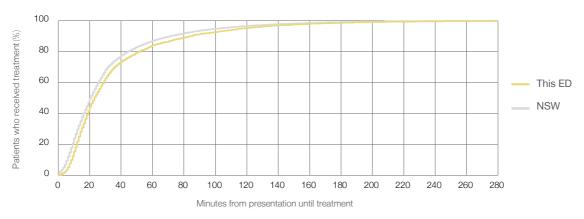
^(±) Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

Approaches to reporting time measures of emergency department performance, December 2011.

Bankstown / Lidcombe Hospital: Time patients waited to start treatment, triage 3 July to September 2016

Triage 3 Urgent (e.g. moderate blood loss, dehydration)	Same period last year	NSW (this period)
Number of triage 3 patients: 6,053	5,680	
Number of triage 3 patients used to calculate waiting time: 3 5,914	5,569	
Median time to start treatment ⁴ 23 minutes	22 minutes	21 minutes
95th percentile time to start treatment ⁵ 119 minutes	121 minutes	103 minutes

Percentage of triage 3 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 3 patients, July 2011 to September 2016 †‡



 $^{(\}dagger)$ Data points are not shown in graphs for quarters when patient numbers are too small.

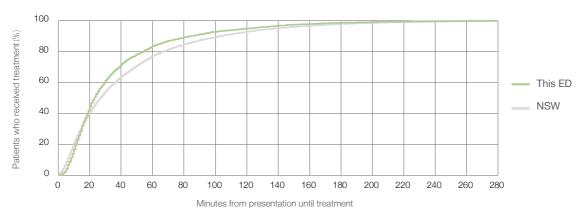
^(±) Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

Approaches to reporting time measures of emergency department performance, December 2011.

Bankstown / Lidcombe Hospital: Time patients waited to start treatment, triage 4 July to September 2016

Triage 4 Semi-urgent (e.g. sprained ankle, earache)	Same period last year	NSW (this period)
Number of triage 4 patients: 3,796	4,457	
Number of triage 4 patients used to calculate waiting time: 3 3,618	4,264	
Median time to start treatment ⁴ 23 minutes	24 minutes	27 minutes
95th percentile time to start treatment ⁵	126 minutes	139 minutes

Percentage of triage 4 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 4 patients, July 2011 to September 2016 †‡



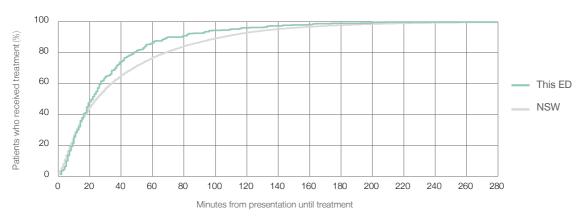
^(†) Data points are not shown in graphs for quarters when patient numbers are too small.

^(±) 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.

Bankstown / Lidcombe Hospital: Time patients waited to start treatment, triage 5 July to September 2016

Triage 5 Non-urgent (e.g. small cuts or abrasions)	Same period last year	NSW (this period)
Number of triage 5 patients: 481	518	
Number of triage 5 patients used to calculate waiting time: 3 370	397	
Median time to start treatment ⁴ 22 minutes	18 minutes	24 minutes
95th percentile time to start treatment ⁵ 110 minutes	123 minutes	138 minutes

Percentage of triage 5 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 5 patients, July 2011 to September 2016



 $^{(\}dagger)$ 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.

Bankstown / Lidcombe Hospital: Time patients spent in the ED

July to September 2016

All presentations: 13,333 patients

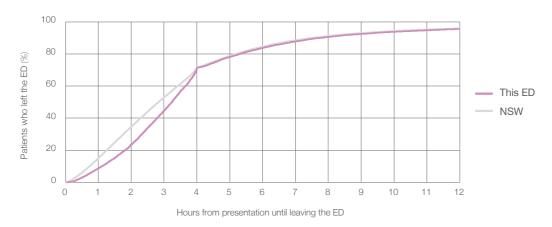
Presentations used to calculate time to leaving the ED: 6 13,333 patients

Median time spent in the ED ⁸ 3 hours and 15 minutes

95th percentile time spent in the ED ⁹ 11 hours and 19 minutes

NSW (this period)	Same period last year
	13,582
	13,582
2 hours and 50 minutes	3 hours and 16 minutes
10 hours and 43 minutes	14 hours and 15 minutes

Percentage of patients who left the ED by time, July to September 2016



Time patients spent in the ED, by quarter, July 2011 to September 2016



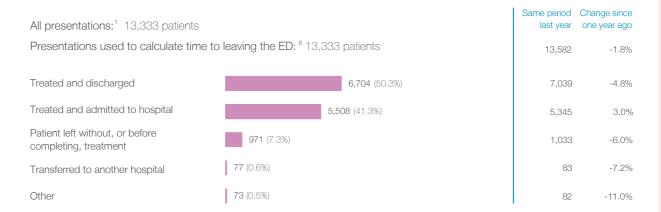
 $^{(\}dagger)$ $\;$ Data points are not shown in graphs for quarters when patient numbers are too small.

^(‡) 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:

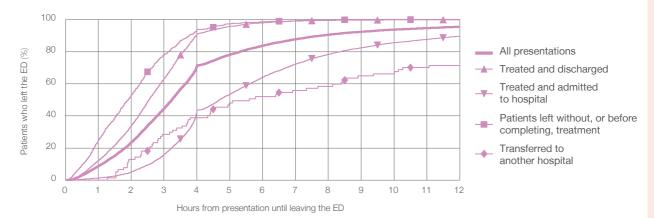
Approaches to reporting time measures of emergency department performance, December 2011.

Bankstown / Lidcombe Hospital: Time patients spent in the ED

By mode of separation July to September 2016



Percentage of patients who left the ED by time and mode of separation, July to September 2016 †‡



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

Treated and discharged	12.2%	33.9%	63.2%	91.1%	98.0%	99.5%	99.8%	100%
Treated and admitted to hospital	1.3%	5.1%	15.9%	43.6%	64.1%	78.3%	85.6%	89.6%
Patient left without, or before completing, treatment	24.6%	53.0%	78.0%	93.8%	98.8%	99.8%	100%	100%
Transferred to another hospital	0%	13.0%	28.6%	39.0%	51.9%	58.4%	66.2%	71.4%
All presentations	8.8%	23.5%	44.7%	71.4%	83.8%	90.6%	93.8%	95.5%

 $^{(\}dagger) \quad \text{Data points are not shown in graphs for quarters when patient numbers are too small}.$

^(‡) 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.

Bankstown / Lidcombe Hospital: Time spent in the ED Percentage of patients who spent four hours or less in the ED July to September 2016

All presentations at the emergency department: 1 13,333 patients

Presentations used to calculate time to leaving the ED: 6 13,333 patients

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

71.4%

Change since one year ago	
-1.8%	13,582
-1.8%	13,582
	68.5%

Percentage of patients who spent four hours or less in the ED, by quarter, July 2011 to September 2016 †*



- * Suppressed due to small numbers and to protect privacy. Relevant graphs are also suppressed.
- $_{\mbox{\scriptsize †}}$ Data points are not shown in graphs for quarters when patient numbers were too small.
- 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 95th percentile is the time by which 95% of patients started treatment. The final 5% 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 95th percentile is the time by which 95% of patients left the ED. The final 5% 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 20 October 2016).

Transfer of care data from Transfer of Care Reporting System (extracted 20 October 2016).

Bowral and District Hospital: Emergency department (ED) overview July to September 2016

	last year	one year ago
All presentations: 4,555 patients	4,489	1.5%
Emergency presentations: ² 4,453 patients	4,369	1.9%

Bowral and District Hospital: Time patients waited to start treatment ³

July to September 2016

	Same period last year	NSW (this period)
Triage 2 Emergency (e.g. chest pain, severe burns): 302 patients	339	
Median time to start treatment ⁴ 9 minutes	8 minutes	8 minutes
95th percentile time to start treatment ⁵	28 minutes	41 minutes
Triage 3 Urgent (e.g. moderate blood loss, dehydration): 1,426 patients	1,538	
Median time to start treatment ⁴ 18 minutes	19 minutes	21 minutes
95th percentile time to start treatment ⁵	103 minutes	103 minutes
Triage 4 Semi-urgent (e.g. sprained ankle, earache): 2,131 patients	1,986	
Median time to start treatment ⁴ 20 minutes	23 minutes	27 minutes
95th percentile time to start treatment ⁵	128 minutes	139 minutes
Triage 5 Non-urgent (e.g. small cuts or abrasions): 578 patients	486	
Median time to start treatment ⁴	23 minutes	24 minutes
95th percentile time to start treatment ⁵	149 minutes	138 minutes

Bowral and District Hospital: Time from presentation until leaving the ED July to September 2016

Attendances used to calculate time to leaving the ED: 6 4,555 patients

Percentage of patients who spent 81.3% four hours or less in the ED

Change since one year ago	1
1.5%	4,489
	82.6%

Same period Change since

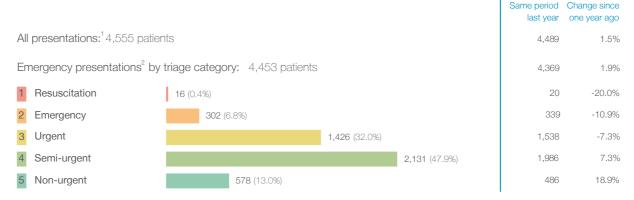
- Suppressed due to small number of patients and to protect privacy. Relevant graphs are also suppressed.
- 1. All emergency and non-emergency attendances at the emergency department (ED).
- 2. All attendances that have a triage category and are coded as emergency presentations or unplanned return visits.
- 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
- 5. The 95th percentile is the time by which 95% of patients started treatment. The final 5% 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.

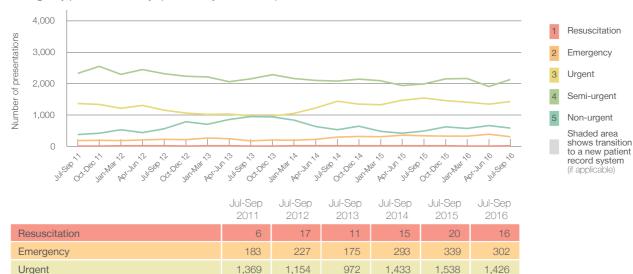
Source: Health Information Exchange, NSW Health (extracted 20 October 2016).

Bowral and District Hospital: Patients presenting to the emergency department

July to September 2016



Emergency presentations² by quarter, July 2011 to September 2016 [‡]



2,319

4,281

2,154

4,260

948

2,080

4,346

Bowral and District Hospital: Patients arriving by ambulance

2,321

4,255

July to September 2016

All emergency presentations

Semi-urgent

Non-urgent

		last year	one year ago
Arrivals used to calculate tran	sfer of care time: 7 879 patients	784	
ED Transfer of care time			
Median time	11 minutes	12 minutes	-1 minute
95th percentile time	35 minutes	39 minutes	-4 minutes

2,131

4,453

578

Same period Change since

1,986

486

4,369

^(†) 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:

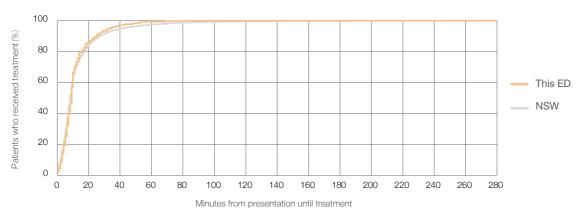
Approaches to reporting time measures of emergency department performance, December 2011.

NSW

Bowral and District Hospital: Time patients waited to start treatment, triage 2 July to September 2016

Triage 2 Emergency (e.g. chest pain, severe burns)		Same period last year	(this period)
Number of triage 2 patients: 302		339	
Number of triage 2 patients used to calc	ulate waiting time: 3 302	339	
Median time to start treatment ⁴	9 minutes	8 minutes	8 minutes
95th percentile time to start treatment ⁵	34 minutes	28 minutes	41 minutes

Percentage of triage 2 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 2 patients, July 2011 to September 2016 †‡



(minutes)

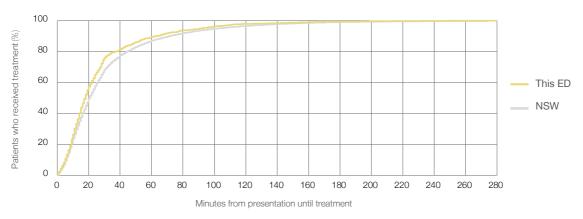
^(†) Data points are not shown in graphs for quarters when patient numbers are too small.

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.

Bowral and District Hospital: Time patients waited to start treatment, triage 3 July to September 2016

Triage 3 Urgent (e.g. moderate blood loss, dehydration)	Same period last year	NSW (this period)
Number of triage 3 patients: 1,426	1,538	
Number of triage 3 patients used to calculate waiting time: 3 1,414	1,518	
Median time to start treatment ⁴ 18 minutes	19 minutes	21 minutes
95th percentile time to start treatment ⁵ 93 minutes	103 minutes	103 minutes

Percentage of triage 3 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 3 patients, July 2011 to September 2016 †‡



 $^{(\}dagger)$ Data points are not shown in graphs for quarters when patient numbers are too small.

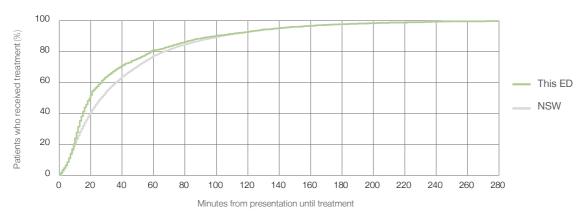
^(±) Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

Approaches to reporting time measures of emergency department performance, December 2011.

Bowral and District Hospital: Time patients waited to start treatment, triage 4 July to September 2016

Triage 4 Semi-urgent (e.g. sprained ankle, earache)		Same period last year	NSW (this period)
Number of triage 4 patients: 2,131		1,986	
Number of triage 4 patients used to calculate waiting tir	me: ³ 2,040	1,858	
Median time to start treatment ⁴ 20 minutes		23 minutes	27 minutes
95th percentile time to start treatment ⁵	139 minutes	128 minutes	139 minutes

Percentage of triage 4 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 4 patients, July 2011 to September 2016



 $^{(\}dagger)$ Data points are not shown in graphs for quarters when patient numbers are too small.

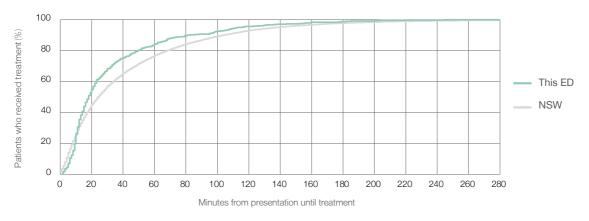
^(±) Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

Approaches to reporting time measures of emergency department performance, December 2011.

Bowral and District Hospital: Time patients waited to start treatment, triage 5 July to September 2016

Triage 5 Non-urgent (e.g. small cuts or abrasions)	Same period last year	NSW (this period)
Number of triage 5 patients: 578	486	
Number of triage 5 patients used to calculate waiting time: 3 525	408	
Median time to start treatment ⁴ 18 minutes	23 minutes	24 minutes
95th percentile time to start treatment ⁵	149 minutes	138 minutes

Percentage of triage 5 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 5 patients, July 2011 to September 2016 †‡



 $^{(\}dagger)$ 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.

NSW

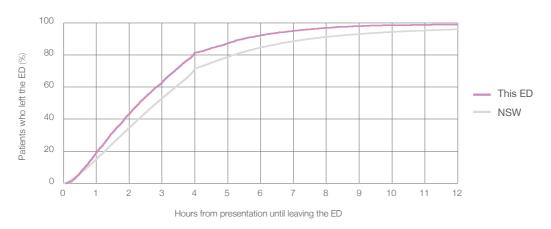
Same period

Bowral and District Hospital: Time patients spent in the ED

July to September 2016

(this period) last vear All presentations: 4,555 patients 4,489 Presentations used to calculate time to leaving the ED: 6 4,555 patients 4.489 2 hours and 2 hours and Median time spent in the ED 8 2 hours and 19 minutes 50 minutes 6 hours and 10 hours and 95th percentile time spent in the ED 9 7 hours and 0 minutes 46 minutes 43 minutes

Percentage of patients who left the ED by time, July to September 2016



Time patients spent in the ED, by quarter, July 2011 to September 2016 †‡



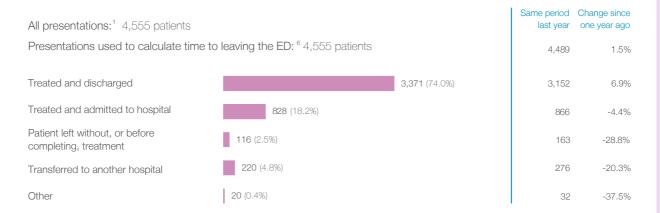
 $^{(\}dagger)$ $\;$ Data points are not shown in graphs for quarters when patient numbers are too small.

^(‡) 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:

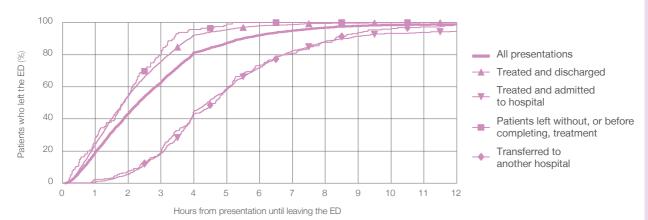
Approaches to reporting time measures of emergency department performance, December 2011.

Bowral and District Hospital: Time patients spent in the ED

By mode of separation July to September 2016



Percentage of patients who left the ED by time and mode of separation, July to September 2016 †‡



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

Treated and discharged	24.3%	54.3%	75.8%	92.2%	98.0%	99.5%	99.9%	100%
Treated and admitted to hospital	0.8%	5.4%	18.6%	44.7%	71.9%	88.4%	93.2%	94.6%
Patient left without, or before completing, treatment	28.4%	54.3%	81.0%	95.7%	100%	100%	100%	100%
Transferred to another hospital	2.3%	7.3%	19.5%	43.2%	73.2%	87.7%	95.9%	98.6%
All presentations	19.3%	43.3%	62.9%	81.3%	92.1%	96.9%	98.5%	98.9%

^(†) 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.

Bowral and District Hospital: Time spent in the ED Percentage of patients who spent four hours or less in the ED July to September 2016

All presentations at the emergency department: 1 4,555 patients

Presentations used to calculate time to leaving the ED: 6 4,555 patients

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

81.3%

one year ago	
1.5%	4,489
1.5%	4,489

82.6%

Percentage of patients who spent four hours or less in the ED, by quarter, July 2011 to September 2016 14



- * Suppressed due to small numbers and to protect privacy. Relevant graphs are also suppressed.
- $_{\mbox{\scriptsize †}}$ 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 95th percentile is the time by which 95% of patients started treatment. The final 5% 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 95th percentile is the time by which 95% of patients left the ED. The final 5% 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 20 October 2016).

Transfer of care data from Transfer of Care Reporting System (extracted 20 October 2016).

NSW

Same period Change since

Same period

Campbelltown Hospital: Emergency department (ED) overview

July to September 2016

	last year	one year ago
All presentations: 1 16,528 patients	16,434	0.6%
Emergency presentations: ² 16,388 patients	16,289	0.6%

Campbelltown Hospital: Time patients waited to start treatment ³

July to September 2016

July to September 2016

	last year	(this period)
Triage 2 Emergency (e.g. chest pain, severe burns): 1,765 patients	1,737	
Median time to start treatment ⁴ 7 minutes	7 minutes	8 minutes
95th percentile time to start treatment ⁵ 34 minutes	34 minutes	41 minutes
Triage 3 Urgent (e.g. moderate blood loss, dehydration): 7,265 patients	6,926	
Median time to start treatment ⁴ 17 minutes	17 minutes	21 minutes
95th percentile time to start treatment ⁵	156 minutes	103 minutes
Triage 4 Semi-urgent (e.g. sprained ankle, earache): 5,655 patients	6,075	
Median time to start treatment ⁴ 26 minutes	27 minutes	27 minutes
95th percentile time to start treatment ⁵	193 minutes	139 minutes
Triage 5 Non-urgent (e.g. small cuts or abrasions): 1,589 patients	1,421	
Marking time to a state to see 14		04 : .
Median time to start treatment ⁴	34 minutes	24 minutes

Campbelltown Hospital: Time from presentation until leaving the ED

Attendances used to calculate time to leaving the ED: 6 16,528 patients

Percentage of patients who spent	
i crocinage of patients who sport	E0.00/
four hours or less in the ED	58.6%

	one year ago
16,434	0.6%
52.1%	

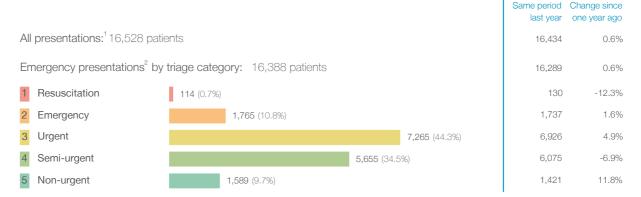
- * Suppressed due to small number of patients and to protect privacy. Relevant graphs are also suppressed.
- 1. All emergency and non-emergency attendances at the emergency department (ED).
- 2. All attendances that have a triage category and are coded as emergency presentations or unplanned return 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 95th percentile is the time by which 95% of patients started treatment. The final 5% 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.

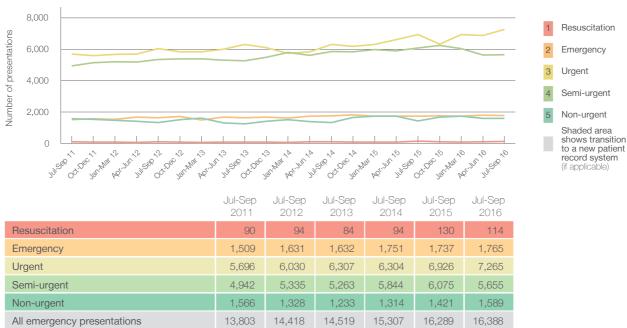
Source: Health Information Exchange, NSW Health (extracted 20 October 2016).

Campbelltown Hospital: Patients presenting to the emergency department

July to September 2016



Emergency presentations² by quarter, July 2011 to September 2016 [‡]



Campbelltown Hospital: Patients arriving by ambulance

July to September 2016

		last year	one year ago
Arrivals used to calculate trans	4,150		
ED Transfer of care time			
Median time	14 minutes	17 minutes	-3 minutes
95th percentile time	41 minutes	88 minutes	-47 minutes

Same period Change since

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

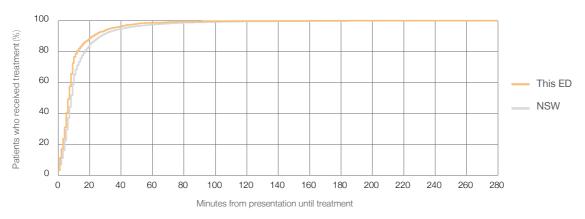
^(‡) Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

Approaches to reporting time measures of emergency department performance, December 2011.

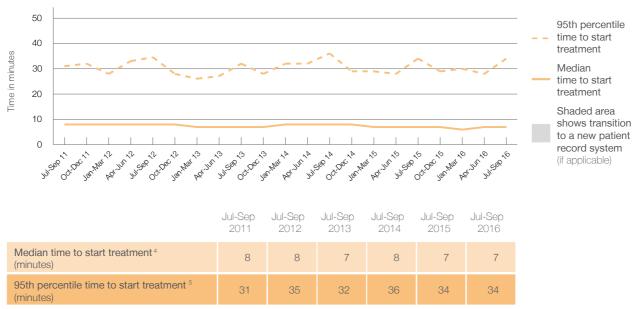
Campbelltown Hospital: Time patients waited to start treatment, triage 2 July to September 2016

Triage 2 Emergency (e.g. chest pain, severe burns)	Same period last year	NSW (this period)
Number of triage 2 patients: 1,765	1,737	
Number of triage 2 patients used to calculate waiting time: 3 1,760	1,730	
Median time to start treatment ⁴ 7 minutes	7 minutes	8 minutes
95th percentile time to start treatment ⁵ 34 minutes	34 minutes	41 minutes

Percentage of triage 2 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 2 patients, July 2011 to September 2016 †‡



 $^{(\}dagger)$ Data points are not shown in graphs for quarters when patient numbers are too small.

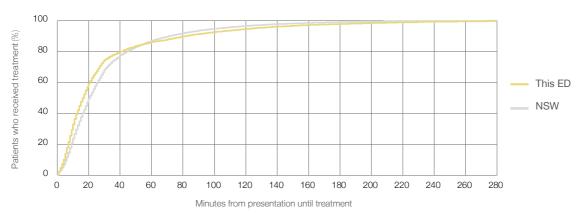
^(±) Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

Approaches to reporting time measures of emergency department performance, December 2011.

Campbelltown Hospital: Time patients waited to start treatment, triage 3 July to September 2016

Triage 3 Urgent (e.g. moderate blood	Same period last year	NSW (this period)	
Number of triage 3 patients: 7,265	6,926		
Number of triage 3 patients used to calc	6,678		
Median time to start treatment ⁴ 17 minutes			21 minutes
95th percentile time to start treatment ⁵	125 minutes	156 minutes	103 minutes

Percentage of triage 3 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 3 patients, July 2011 to September 2016 †‡



 $^{(\}dagger)$ Data points are not shown in graphs for quarters when patient numbers are too small.

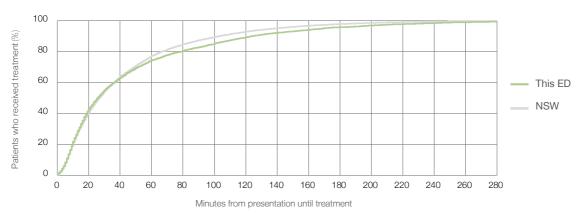
^(±) Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

Approaches to reporting time measures of emergency department performance, December 2011.

Campbelltown Hospital: Time patients waited to start treatment, triage 4 July to September 2016

Triage 4 Semi-urgent (e.g. sprained ankle, earache)	Same period last year	NSW (this period)
Number of triage 4 patients: 5,655	6,075	
Number of triage 4 patients used to calculate waiting time: 3 5,281	5,603	
Median time to start treatment ⁴ 26 minutes	27 minutes	27 minutes
95th percentile time to start treatment ⁵	193 minutes	139 minutes

Percentage of triage 4 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 4 patients, July 2011 to September 2016 †‡



 $^{(\}dagger)$ Data points are not shown in graphs for quarters when patient numbers are too small.

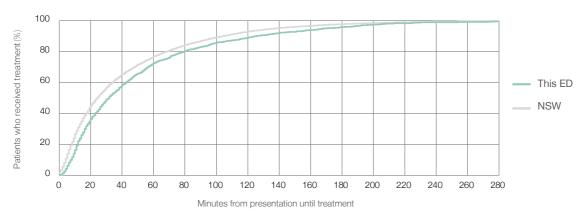
^(±) Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

Approaches to reporting time measures of emergency department performance, December 2011.

Campbelltown Hospital: Time patients waited to start treatment, triage 5 July to September 2016

Triage 5 Non-urgent (e.g. small cuts or abrasions)	Same period last year	NSW (this period)	
Number of triage 5 patients: 1,589	1,421		
Number of triage 5 patients used to calculate waiting time: 3 1,395	1,225		
Median time to start treatment ⁴ 32 minutes		34 minutes	24 minutes
95th percentile time to start treatment ⁵	171 minutes	177 minutes	138 minutes

Percentage of triage 5 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 5 patients, July 2011 to September 2016



 $^{(\}dagger)$ 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.

NSW

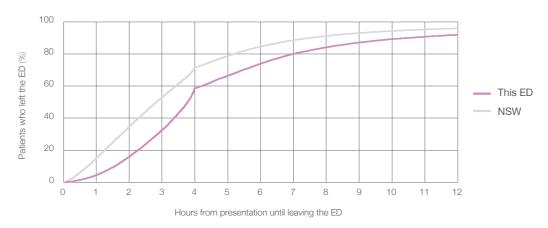
Same period

Campbelltown Hospital: Time patients spent in the ED

July to September 2016

(this period) last vear All presentations: 16,528 patients 16,434 Presentations used to calculate time to leaving the ED: 6 16,528 patients 16.434 3 hours and 2 hours and Median time spent in the ED 8 3 hours and 47 minutes 50 minutes 21 hours and 10 hours and 95th percentile time spent in the ED $^{\rm 9}$ 15 hours and 38 minutes 17 minutes 43 minutes

Percentage of patients who left the ED by time, July to September 2016



Time patients spent in the ED, by quarter, July 2011 to September 2016 †‡



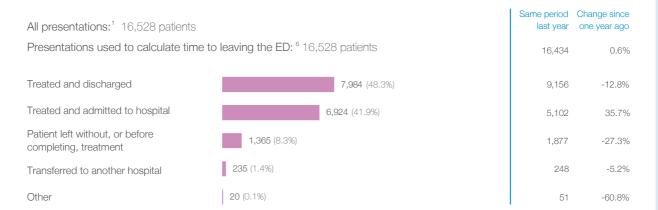
 $^{(\}dagger)$ $\;$ Data points are not shown in graphs for quarters when patient numbers are too small.

^(‡) 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:

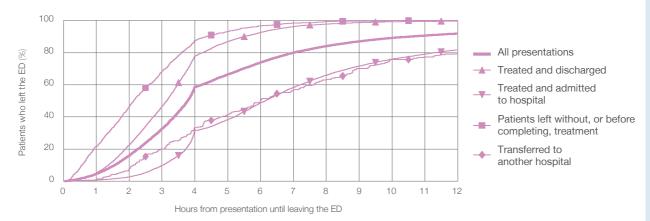
Approaches to reporting time measures of emergency department performance, December 2011.

Campbelltown Hospital: Time patients spent in the ED

By mode of separation
July to September 2016



Percentage of patients who left the ED by time and mode of separation, July to September 2016 †‡



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

Treated and discharged	5.0%	22.6%	46.6%	77.9%	92.6%	97.9%	99.3%	99.7%
Treated and admitted to hospital	0.6%	2.6%	9.9%	31.5%	48.7%	66.0%	76.0%	81.8%
Patient left without, or before completing, treatment	21.8%	46.6%	68.6%	87.5%	96.7%	99.4%	100%	100%
Transferred to another hospital	0.9%	7.7%	20.0%	33.2%	50.2%	63.4%	75.7%	79.1%
All presentations	4.5%	16.0%	32.7%	58.6%	74.0%	84.1%	89.2%	91.9%

^(†) 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.

Campbelltown Hospital: Time spent in the ED Percentage of patients who spent four hours or less in the ED July to September 2016

All presentations at the emergency department: 116,528 patients

Presentations used to calculate time to leaving the ED: 6 16,528 patients

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

	Change since one year ago
16,434	0.6%
16,434	0.6%
52 1%	

Percentage of patients who spent four hours or less in the ED, by quarter, July 2011 to September 2016 †*



58.6%

- * Suppressed due to small numbers and to protect privacy. Relevant graphs are also suppressed.
- $_{\mbox{\scriptsize †}}$ Data points are not shown in graphs for quarters when patient numbers were too small.
- 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 95th percentile is the time by which 95% of patients started treatment. The final 5% 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 95th percentile is the time by which 95% of patients left the ED. The final 5% 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 20 October 2016).

Transfer of care data from Transfer of Care Reporting System (extracted 20 October 2016).

Same period Change since

Same period

Fairfield Hospital: Emergency department (ED) overview July to September 2016

	last year	one year ago
All presentations: 1 8,763 patients	9,015	-2.8%
Emergency presentations: ² 8,742 patients	9,003	-2.9%

Fairfield Hospital: Time patients waited to start treatment ³

July to September 2016

	last year	(this period)
Triage 2 Emergency (e.g. chest pain, severe burns): 811 patients	741	
Median time to start treatment ⁴	10 minutes	8 minutes
95th percentile time to start treatment ⁵ 32 minutes	51 minutes	41 minutes
Triage 3 Urgent (e.g. moderate blood loss, dehydration): 3,216 patients	3,449	
Median time to start treatment ⁴ 20 minutes	27 minutes	21 minutes
95th percentile time to start treatment ⁵	142 minutes	103 minutes
Triage 4 Semi-urgent (e.g. sprained ankle, earache): 4,004 patients	4,260	
Median time to start treatment ⁴ 21 minutes	34 minutes	27 minutes
95th percentile time to start treatment ⁵	177 minutes	139 minutes
Sour percentile time to start treatment		
·		
Triage 5 Non-urgent (e.g. small cuts or abrasions): 694 patients	531	
·	531 36 minutes	24 minutes

Fairfield Hospital: Time from presentation until leaving the ED July to September 2016

Attendances used to calculate time to leaving the ED: 6 8,763 patients

	0	 1	
Percentage of patients who spent four hours or less in the ED			76.9%

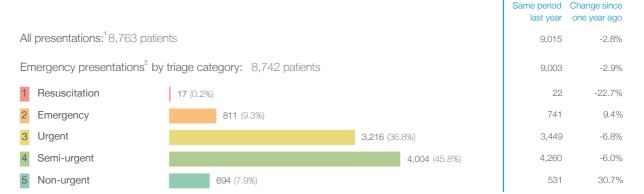
ı		Change since
ı	last year	one year ago
l	9,014	-2.8%
l	9,014	-2.070
l		
l	73.7%	

- * 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 95th percentile is the time by which 95% of patients started treatment. The final 5% of patients waited equal to or longer than this time.
- 6. All presentations that have a departure time.

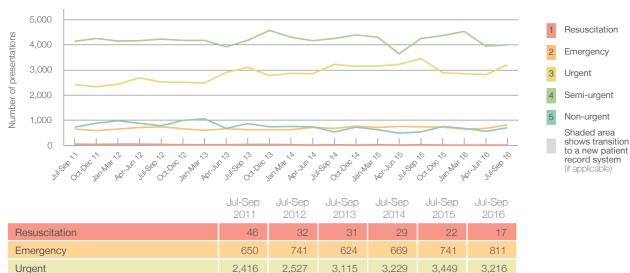
Note: Presentation time is the earlier time recorded for clerical registration or the triage process. Treatment time is the earliest time recorded when a healthcare professional provides medical care relevant to the patient<s presenting problems.

Source: Health Information Exchange, NSW Health (extracted 20 October 2016).

Fairfield Hospital: Patients presenting to the emergency department July to September 2016



Emergency presentations² by quarter, July 2011 to September 2016 [‡]



4,235

8,311

4,180

8,813

863

4,261

8,726

4,260

9,003

4,004

8,742

694

Same period Change since

4,139

7,971

Fairfield Hospital: Patients arriving by ambulance

July to September 2016

All emergency presentations

Semi-urgent

Non-urgent

		last year	one year ago
Arrivals used to calculate transfer of care time: 7 1,350 patients		1,531	
ED Transfer of care time			
Median time	11 minutes	17 minutes	-6 minutes
95th percentile time	33 minutes	81 minutes	-48 minutes

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

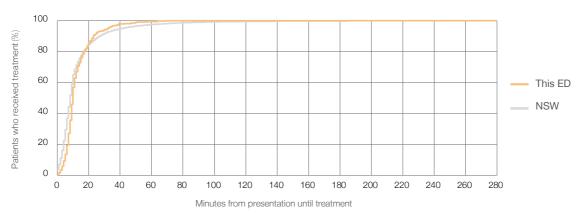
^(‡) Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

Approaches to reporting time measures of emergency department performance, December 2011.

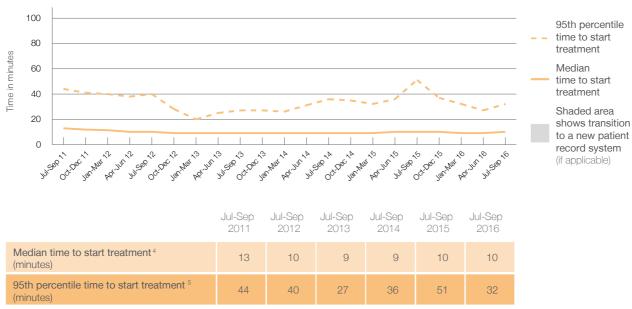
Fairfield Hospital: Time patients waited to start treatment, triage 2 July to September 2016

Triage 2 Emergency (e.g. chest pain, severe burns)		NSW (this period)
Number of triage 2 patients: 811		
Number of triage 2 patients used to calculate waiting time: 3 808		
Median time to start treatment ⁴ 10 minutes	10 minutes	8 minutes
95th percentile time to start treatment ⁵ 32 minutes	51 minutes	41 minutes

Percentage of triage 2 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 2 patients, July 2011 to September 2016 †‡



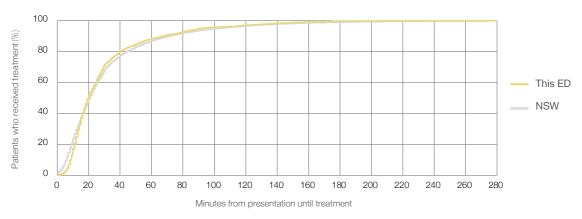
^(†) Data points are not shown in graphs for quarters when patient numbers are too small.

^(‡) 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.

Fairfield Hospital: Time patients waited to start treatment, triage 3 July to September 2016

Triage 3 Urgent (e.g. moderate blood loss, dehydration)		Same period last year	NSW (this period)
Number of triage 3 patients: 3,216		3,449	
Number of triage 3 patients used to calculate waiting time: 3 3,135		3,307	
Median time to start treatment ⁴	20 minutes	27 minutes	21 minutes
95th percentile time to start treatment ⁵	93 minutes	142 minutes	103 minutes

Percentage of triage 3 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 3 patients, July 2011 to September 2016 †‡



 $^{(\}dagger)$ Data points are not shown in graphs for quarters when patient numbers are too small.

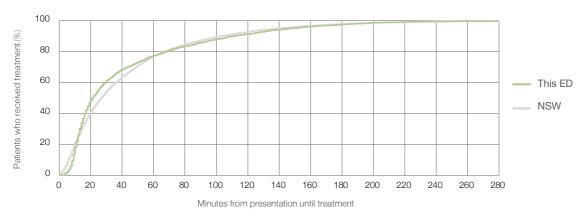
^(±) Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

Approaches to reporting time measures of emergency department performance, December 2011.

Fairfield Hospital: Time patients waited to start treatment, triage 4 July to September 2016

Triage 4 Semi-urgent (e.g. sprained ankle, earache)			Same period last year	(this period)
Number of triage 4 patients: 4,004			4,260	
Number of triage 4 patients used to calculate waiting time: 3 3,596			3,597	
Median time to start treatment ⁴	21 minutes		34 minutes	27 minutes
95th percentile time to start treatment ⁵		149 minutes	177 minutes	139 minutes

Percentage of triage 4 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 4 patients, July 2011 to September 2016 †‡



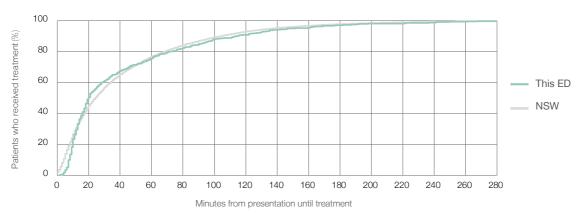
^(†) Data points are not shown in graphs for quarters when patient numbers are too small.

^(‡) 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.

Fairfield Hospital: Time patients waited to start treatment, triage 5 July to September 2016

Triage 5 Non-urgent (e.g. small cuts or abrasions)			Same period last year	NSW (this period)
Number of triage 5 patients: 694			531	
Number of triage 5 patients used to calculate waiting time: 3 486			295	
Median time to start treatment ⁴	20 minutes		36 minutes	24 minutes
95th percentile time to start treatment ⁵		152 minutes	195 minutes	138 minutes

Percentage of triage 5 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 5 patients, July 2011 to September 2016 †‡



 $^{(\}dagger)$ 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.

Fairfield Hospital: Time patients spent in the ED

July to September 2016

All presentations: 1 8,763 patients

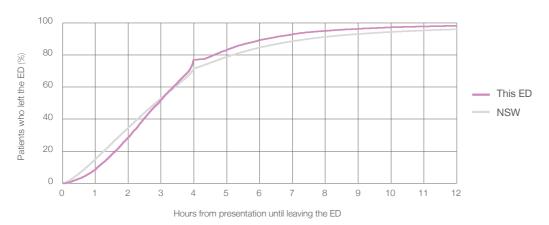
Presentations used to calculate time to leaving the ED: 6 8,763 patients

Median time spent in the ED ⁸ 2 hours and 55 minutes

95th percentile time spent in the ED ⁹ 8 hours and 1 minutes

NSW (this period)	Same period last year
	9,015
	9,014
2 hours and 50 minutes	3 hours and 5 minutes
10 hours and 43 minutes	9 hours and 33 minutes

Percentage of patients who left the ED by time, July to September 2016



Time patients spent in the ED, by quarter, July 2011 to September 2016



 $^{(\}dagger)$ $\;$ 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:

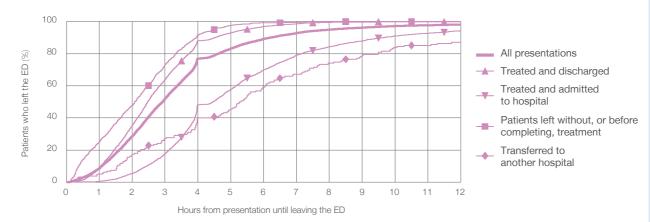
Approaches to reporting time measures of emergency department performance, December 2011.

Fairfield Hospital: Time patients spent in the ED

By mode of separation July to September 2016

All presentations: 1 8,763 patients		Same period last year	Change since one year ago
Presentations used to calculate time to	leaving the ED: 6 8,763 patients	9,014	-2.8%
Treated and discharged	5,259 (60.0%)	5,009	5.0%
Treated and admitted to hospital	2,364 (27.0%)	2,482	-4.8%
Patient left without, or before completing, treatment	910 (10.4%)	1,226	-25.8%
Transferred to another hospital	162 (1.8%)	167	-3.0%
Other	68 (0.8%)	131	-48.1%

Percentage of patients who left the ED by time and mode of separation, July to September 2016 †‡



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

Treated and discharged	8.7%	35.4%	64.1%	88.1%	96.9%	99.5%	99.9%	100%
Treated and admitted to hospital	0.5%	5.5%	17.8%	48.2%	69.9%	84.3%	91.1%	94.3%
Patient left without, or before completing, treatment	25.2%	47.8%	73.2%	91.4%	99.2%	100%	100%	100%
Transferred to another hospital	4.9%	17.3%	27.2%	40.1%	59.3%	74.1%	84.0%	87.0%
All presentations	8.6%	28.7%	52.1%	76.9%	89.2%	95.0%	97.2%	98.2%

 $^{(\}dagger) \quad \text{Data points are not shown in graphs for quarters when patient numbers are too small}.$

^(‡) 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.

Fairfield Hospital: Time spent in the ED Percentage of patients who spent four hours or less in the ED July to September 2016

All presentations at the emergency department: 18,763 patients

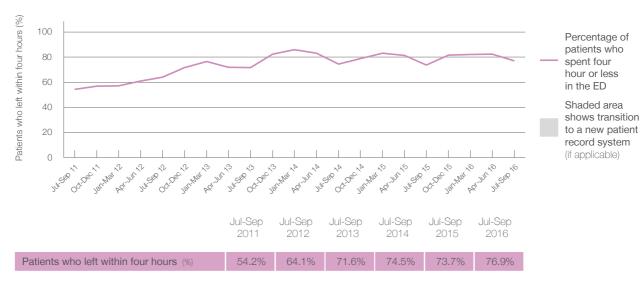
Presentations used to calculate time to leaving the ED: 68,763 patients

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

76.9%

Change since one year ago	
-2.8%	9,015
-2.8%	9,014
	70.70/

Percentage of patients who spent four hours or less in the ED, by quarter, July 2011 to September 2016 14



- * 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.
- 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 95th percentile is the time by which 95% of patients started treatment. The final 5% 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 95th percentile is the time by which 95% of patients left the ED. The final 5% 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 20 October 2016).

Transfer of care data from Transfer of Care Reporting System (extracted 20 October 2016).

Same period Change since

NSW

Same period

Liverpool Hospital: Emergency department (ED) overview July to September 2016

	last year	one year ago
All presentations: 1 20,752 patients	20,759	-0.0%
Emergency presentations: ² 20,428 patients	20,490	-0.3%

Liverpool Hospital: Time patients waited to start treatment 3

July to September 2016

	last year	(this period)
Triage 2 Emergency (e.g. chest pain, severe burns): 3,482 patients	3,384	
Median time to start treatment ⁴ 9 minutes	12 minutes	8 minutes
95th percentile time to start treatment 5 47 minutes	72 minutes	41 minutes
Triage 3 Urgent (e.g. moderate blood loss, dehydration): 10,820 patients	10,420	
Median time to start treatment ⁴ 16 minutes	27 minutes	21 minutes
95th percentile time to start treatment ⁵	144 minutes	103 minutes
Triage 4 Semi-urgent (e.g. sprained ankle, earache): 4,946 patients	5,006	
Median time to start treatment ⁴	35 minutes	27 minutes
95th percentile time to start treatment ⁵ 98 minutes	149 minutes	139 minutes
Triage 5 Non-urgent (e.g. small cuts or abrasions): 1,027 patients	1,521	
	1,021	
Median time to start treatment ⁴	29 minutes	24 minutes
95th percentile time to start treatment ⁵	136 minutes	138 minutes

Liverpool Hospital: Time from presentation until leaving the ED July to September 2016

Attendances used to calculate time to leaving the ED: 6 20,751 patients

Percentage of patients who spent	
four hours or less in the ED	53.2%

	one year ago
20,759	-0.0%
50.7%	

- * 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 95th percentile is the time by which 95% of patients started treatment. The final 5% 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.

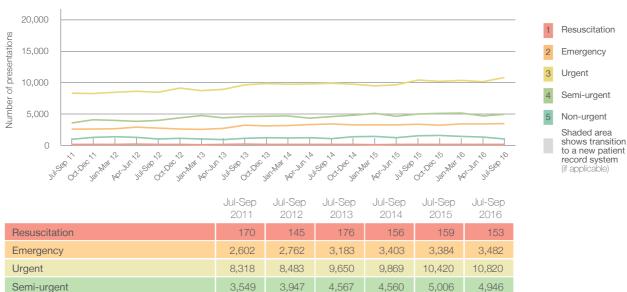
Source: Health Information Exchange, NSW Health (extracted 20 October 2016).

Same period Change since

Liverpool Hospital: Patients presenting to the emergency department July to September 2016

last year one year ago All presentations: 20,752 patients 20.759 -0.0% Emergency presentations² by triage category: 20,428 patients 20,490 -0.3% Resuscitation 153 (0.7%) 159 -3.8% 2.9% 3.384 Emergency 3,482 (17.0%) 3.8% Urgent 10,820 (53.0%) 10.420 Semi-urgent 4,946 (24.2%) 5.006 -1.2% 1,027 (5.0%) 1,521 -32.5% Non-urgent

Emergency presentations² by quarter, July 2011 to September 2016 [‡]



Liverpool Hospital: Patients arriving by ambulance

July to September 2016

All emergency presentations

Non-urgent

Arrivals used to calculate transfer of care time: ⁷ 6,890 patients

ED Transfer of care time

Median time

13 minutes

55 minutes

55 minutes

85 minutes

-30 minutes

1.035

16,372

15.595

18,688

19.060

1,027

Same period Change since

20.428

1,521

20.490

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

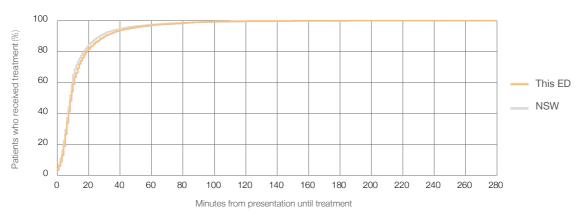
^(±) Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

Approaches to reporting time measures of emergency department performance, December 2011.

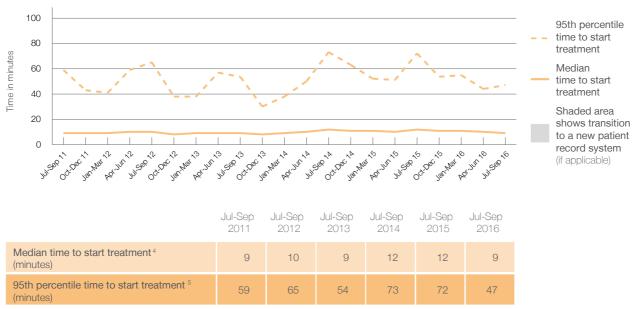
Liverpool Hospital: Time patients waited to start treatment, triage 2 July to September 2016

Triage 2 Emergency (e.g. chest pain, severe burns)	Same period last year	NSW (this period)
Number of triage 2 patients: 3,482	3,384	
Number of triage 2 patients used to calculate waiting time: 3 3,455	3,356	
Median time to start treatment ⁴ 9 minutes	12 minutes	8 minutes
95th percentile time to start treatment ⁵ 47 minutes	72 minutes	41 minutes

Percentage of triage 2 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 2 patients, July 2011 to September 2016 †‡



 $^{(\}dagger)$ Data points are not shown in graphs for quarters when patient numbers are too small.

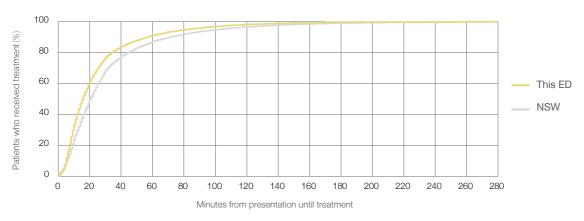
^(±) Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

Approaches to reporting time measures of emergency department performance, December 2011.

Liverpool Hospital: Time patients waited to start treatment, triage 3 July to September 2016

Triage 3 Urgent (e.g. moderate blood loss, dehydration)	Same period last year	NSW (this period)
Number of triage 3 patients: 10,820	10,420	
Number of triage 3 patients used to calculate waiting time: 3 10,501	9,986	
Median time to start treatment ⁴ 16 minutes	27 minutes	21 minutes
95th percentile time to start treatment ⁵ 83 minutes	144 minutes	103 minutes

Percentage of triage 3 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 3 patients, July 2011 to September 2016 †‡



 $^{(\}dagger)$ Data points are not shown in graphs for quarters when patient numbers are too small.

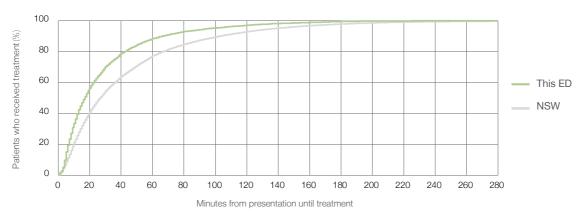
^(±) Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

Approaches to reporting time measures of emergency department performance, December 2011.

Liverpool Hospital: Time patients waited to start treatment, triage 4 July to September 2016

Triage 4 Semi-urgent (e.g. sprained ankle, earache)	Same period last year	NSW (this period)
Number of triage 4 patients: 4,946	5,006	
Number of triage 4 patients used to calculate waiting time: 3 4,478	4,462	
Median time to start treatment ⁴ 17 minutes	35 minutes	27 minutes
95th percentile time to start treatment ⁵ 98 minutes	149 minutes	139 minutes

Percentage of triage 4 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 4 patients, July 2011 to September 2016 †‡



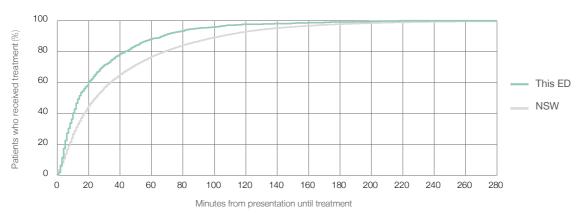
^(†) Data points are not shown in graphs for quarters when patient numbers are too small.

^(‡) 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.

Liverpool Hospital: Time patients waited to start treatment, triage 5 July to September 2016

Triage 5 Non-urgent (e.g. small cuts or abrasions)	Same period last year	NSW (this period)
Number of triage 5 patients: 1,027	1,521	
Number of triage 5 patients used to calculate waiting time: 3 814	1,054	
Median time to start treatment ⁴ 14 minutes	29 minutes	24 minutes
95th percentile time to start treatment ⁵ 90 minutes	136 minutes	138 minutes

Percentage of triage 5 patients who received treatment by time, July to September 2016



Time patients waited to start treatment (minutes) for triage 5 patients, July 2011 to September 2016 †‡



 $^{(\}dagger)$ 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.

NSW

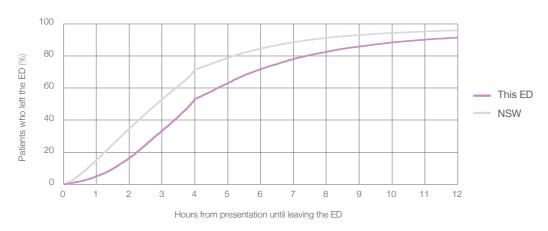
Same period

Liverpool Hospital: Time patients spent in the ED

July to September 2016

(this period) last vear All presentations: 20,752 patients 20,759 Presentations used to calculate time to leaving the ED: 6 20,751 patients 20.759 3 hours and 2 hours and Median time spent in the ED 8 3 hours and 53 minutes 50 minutes 15 hours and 10 hours and 95th percentile time spent in the ED 9 15 hours and 41 minutes 53 minutes 43 minutes

Percentage of patients who left the ED by time, July to September 2016



Time patients spent in the ED, by quarter, July 2011 to September 2016



 $^{(\}dagger)$ $\;$ Data points are not shown in graphs for quarters when patient numbers are too small.

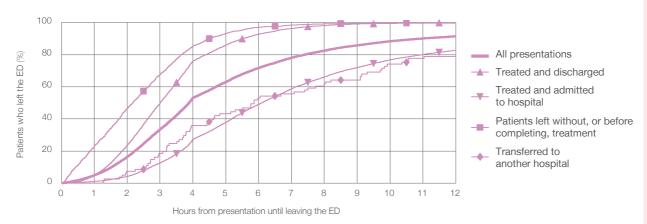
^(‡) Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

Approaches to reporting time measures of emergency department performance, December 2011.

Liverpool Hospital: Time patients spent in the ED By mode of separation July to September 2016

All presentations: 20,752 patients	Same period last year	Change since one year ago		
Presentations used to calculate time to	20,759	-0.0%		
Treated and discharged	8,661 (41.7%)	8,801	-1.6%	
Treated and admitted to hospital	10,090 (48.6%)	9,495	6.3%	
Patient left without, or before completing, treatment	1,762 (8.5%)	2,134	-17.4%	
Transferred to another hospital	81 (0.4%)	79	2.5%	
Other	158 (0.8%)	250	-36.8%	

Percentage of patients who left the ED by time and mode of separation, July to September 2016 †‡



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

Treated and discharged	5.0%	23.7%	50.1%	76.1%	92.8%	98.2%	99.5%	99.9%
Treated and admitted to hospital	1.1%	4.2%	12.6%	27.4%	49.1%	66.2%	76.8%	82.8%
Patient left without, or before completing, treatment	23.2%	46.7%	67.6%	85.5%	97.0%	99.2%	99.7%	99.7%
Transferred to another hospital	0%	7.4%	18.5%	35.8%	53.1%	61.7%	74.1%	79.0%
All presentations	4.9%	16.5%	33.4%	53.2%	71.8%	82.6%	88.4%	91.5%

^(†) 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.

Liverpool Hospital: Time spent in the ED Percentage of patients who spent four hours or less in the ED July to September 2016

All presentations at the emergency department: 120,752 patients

Presentations used to calculate time to leaving the ED: 6 20,751 patients

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



	Change since one year ago
20,759	-0.0%
20,759	-0.0%
50.7%	

Percentage of patients who spent four hours or less in the ED, by quarter, July 2011 to September 2016 14



- * Suppressed due to small numbers and to protect privacy. Relevant graphs are also suppressed.
- $_{\mbox{\scriptsize †}}$ Data points are not shown in graphs for quarters when patient numbers were too small.
- 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 95th percentile is the time by which 95% of patients started treatment. The final 5% 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 95th percentile is the time by which 95% of patients left the ED. The final 5% 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 20 October 2016).

Transfer of care data from Transfer of Care Reporting System (extracted 20 October 2016).