

# Healthcare Quarterly

# Performance Profiles

# **Emergency Department**

South Western Sydney Local Health District

### Bankstown / Lidcombe Hospital: Emergency department (ED) overview July to September 2017

	last year	one year ago
All presentations: <sup>1</sup> 14,572 patients	13,336	9.3%
Emergency presentations: <sup>2</sup> 14,492 patients	13,227	9.6%

### Bankstown / Lidcombe Hospital: Time patients waited to start treatment<sup>3</sup>

July to September 2017

	Same period last year	NSW (this period)
Triage 2 Emergency (e.g. chest pain, severe burns): 2,585 patients	2,782	
Median time to start treatment <sup>4</sup>	10 minutes	9 minutes
90th percentile time to start treatment <sup>5</sup> 43 minutes	30 minutes	29 minutes
Triage 3 Urgent (e.g. moderate blood loss, dehydration): 6,475 patients	6,054	
Median time to start treatment <sup>4</sup> 32 minutes	23 minutes	23 minutes
90th percentile time to start treatment <sup>5</sup>	85 minutes	83 minutes
Triage 4 Semi-urgent (e.g. sprained ankle, earache): 4,762 patients	3,799	
Median time to start treatment <sup>4</sup> 39 minutes	23 minutes	30 minutes
90th percentile time to start treatment <sup>5</sup> 152 minutes	85 minutes	121 minutes
Triage 5 Non-urgent (e.g. small cuts or abrasions): 559 patients	474	
Median time to start treatment <sup>4</sup> 31 minutes	22 minutes	26 minutes
90th percentile time to start treatment <sup>5</sup>	75 minutes	118 minutes

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

July to September 2017

Attendances used to calculate time to leaving the ED:6 14,572 patients

Percentage of patients who spent 59.0% four hours or less in the ED

Same period	Change since
last year	one year ago
13,336	9.3%
71.4%	

Same period Change since

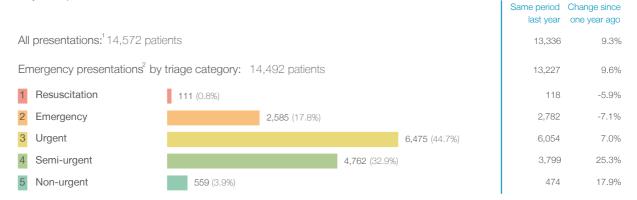
- Suppressed due to small number of patients and to protect privacy. Relevant graphs are also suppressed.
- 1. All emergency and non-emergency attendances at the emergency department (ED).
- 2. All attendances that have a triage category and are coded as emergency presentations or unplanned return visits.
- 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 90th percentile is the time by which 90% of patients started treatment. The final 10% of patients waited equal to or longer than this time.
- 6. All presentations that have a departure time.

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

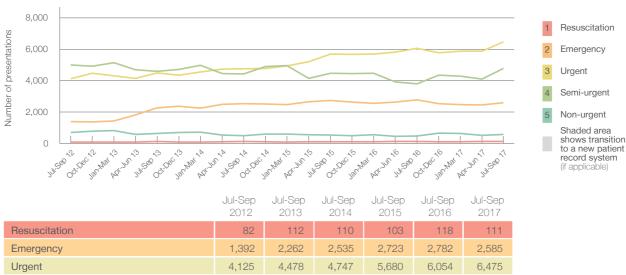
Source: Health Information Exchange, NSW Health (extracted 17 October 2017).

#### Bankstown / Lidcombe Hospital: Patients presenting to the emergency department

July to September 2017



Emergency presentations<sup>2</sup> by quarter, July 2012 to September 2017 <sup>‡</sup>



4,589

12,075

4,428

12,298

478

4,457

13,481

3,799

474

13,227

4,762

14,492

Same period Change since

#### Bankstown / Lidcombe Hospital: Patients arriving by ambulance

5,006

11,300

July to September 2017

All emergency presentations

Semi-urgent

Non-urgent

		last year	one year ago
Arrivals used to calculate transfer of care time: 7 4,338 patients		3,782	
ED Transfer of care time			
Median time	18 minutes	14 minutes	4 minutes
90th percentile time	41 minutes	27 minutes	14 minutes

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

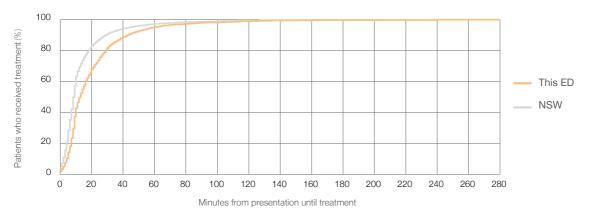
<sup>(±)</sup> Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

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 2017

Triage 2 Emergency (e.g. chest pain, severe burns)		NSW (this period)
Number of triage 2 patients: 2,585	2,782	
Number of triage 2 patients used to calculate waiting time: <sup>3</sup> 2,576	2,774	
Median time to start treatment <sup>4</sup> 13 minutes	10 minutes	9 minutes
90th percentile time to start treatment <sup>5</sup> 43 minutes	30 minutes	29 minutes

#### Percentage of triage 2 patients who received treatment by time, July to September 2017



Time patients waited to start treatment (minutes) for triage 2 patients, July 2012 to September 2017 † †



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

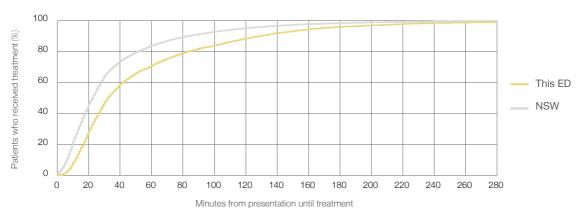
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# **Bankstown / Lidcombe Hospital:** Time patients waited to start treatment, triage 3 July to September 2017

Triage 3 Urgent (e.g. moderate blood loss, dehydration)		Same period last year	NSW (this period)
Number of triage 3 patients: 6,475		6,054	
Number of triage 3 patients used to calculate waiting time: 6,277		5,916	
Median time to start treatment <sup>4</sup>	32 minutes	23 minutes	23 minutes
90th percentile time to start treatment <sup>5</sup>	130 minutes	85 minutes	83 minutes

#### Percentage of triage 3 patients who received treatment by time, July to September 2017



Time patients waited to start treatment (minutes) for triage 3 patients, July 2012 to September 2017 \*\*



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

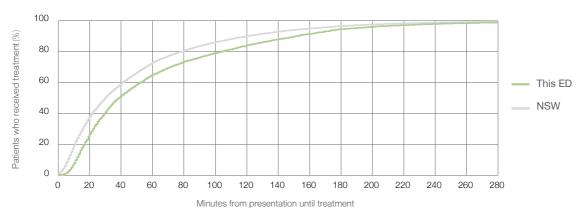
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# **Bankstown / Lidcombe Hospital:** Time patients waited to start treatment, triage 4 July to September 2017

Triage 4 Semi-urgent (e.g. sprained ankle, earache)		Same period last year	NSW (this period)
Number of triage 4 patients: 4,762		3,799	
Number of triage 4 patients used to calculate waiting time: 4,479		3,621	
Median time to start treatment <sup>4</sup>	39 minutes	23 minutes	30 minutes
90th percentile time to start treatment <sup>5</sup>	152 minutes	85 minutes	121 minutes

#### Percentage of triage 4 patients who received treatment by time, July to September 2017



Time patients waited to start treatment (minutes) for triage 4 patients, July 2012 to September 2017



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

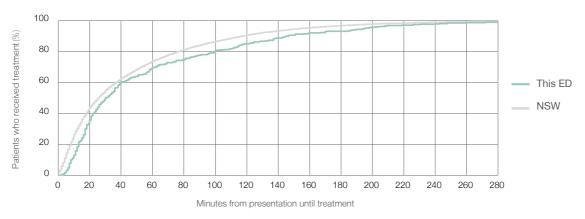
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# **Bankstown / Lidcombe Hospital:** Time patients waited to start treatment, triage 5 July to September 2017

Triage 5 Non-urgent (e.g. small cuts or abrasions)		Same period last year	NSW (this period)
Number of triage 5 patients: 559		474	
Number of triage 5 patients used to calculate waiting time:3 376		370	
Median time to start treatment <sup>4</sup> 31 minutes		22 minutes	26 minutes
90th percentile time to start treatment <sup>5</sup>	147 minutes	75 minutes	118 minutes

#### Percentage of triage 5 patients who received treatment by time, July to September 2017



Time patients waited to start treatment (minutes) for triage 5 patients, July 2012 to September 2017 † †



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

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9 hours and 40 minutes

### Bankstown / Lidcombe Hospital: Time patients spent in the ED

July to September 2017

90th percentile time spent in the ED 9

All presentations: 14,572 patients

Presentations used to calculate time to leaving the ED: 6 14,572 patients

Median time spent in the ED 8 3 hours and 41 minutes

Same period last year (this period)

13,336

13,336

3 hours and 15 minutes

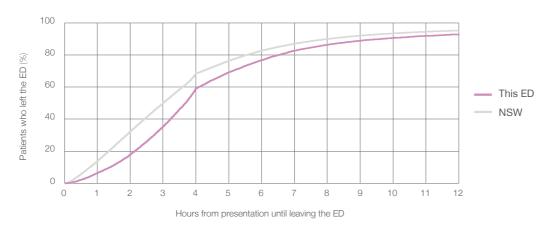
7 hours and 46 minutes

NSW (this period)

3 hours and 0 minutes

8 hours and 2 minutes

#### Percentage of patients who left the ED by time, July to September 2017



Time patients spent in the ED, by quarter, July 2012 to September 2017  $^{\dagger\ddagger}$ 



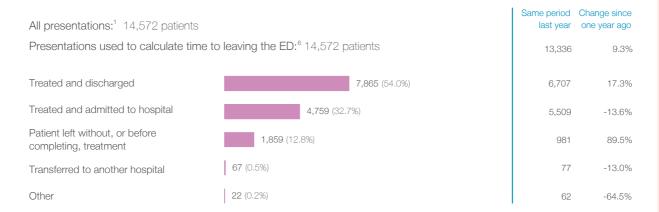
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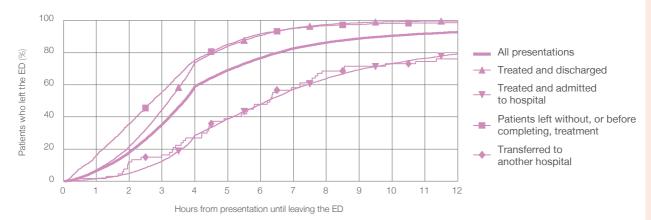
Approaches to reporting time measures of emergency department performance, December 2011.

#### Bankstown / Lidcombe Hospital: Time patients spent in the ED

By mode of separation July to September 2017



Percentage of patients who left the ED by time and mode of separation, July to September 2017  $^{\dagger\ddagger}$ 



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

Treated and discharged	7.1%	21.6%	44.5%	73.8%	90.7%	97.6%	99.3%	99.8%
Treated and admitted to hospital	1.6%	4.9%	12.4%	28.6%	48.0%	63.9%	73.2%	79.3%
Patient left without, or before completing, treatment	16.0%	35.6%	55.7%	75.5%	91.8%	96.8%	98.3%	98.7%
Transferred to another hospital	1.5%	11.9%	16.4%	26.9%	47.8%	68.7%	73.1%	76.1%
All presentations	6.4%	17.9%	35.3%	59.0%	76.7%	86.3%	90.5%	92.8%

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

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# **Bankstown / Lidcombe Hospital:** Time spent in the ED Percentage of patients who spent four hours or less in the ED July to September 2017

All presentations at the emergency department: 14,572 patients

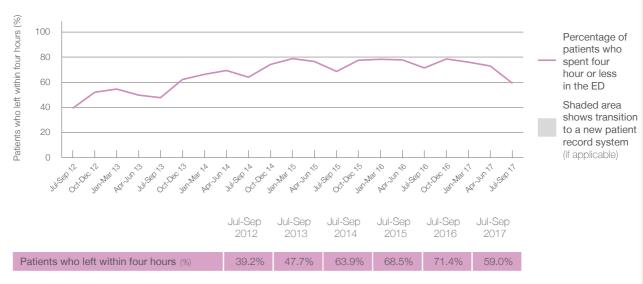
Presentations used to calculate time to leaving the ED:6 14,572 patients

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

last year	one year ago
13,336	9.3%
13,336	9.3%
71 4%	

Same period Change since

Percentage of patients who spent four hours or less in the ED, by quarter, July 2012 to September 2017<sup>†‡</sup>



59.0%

- \* 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.
- 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 final 105% of patients took equal to or longer than this time.
- 6. All presentations that have a departure time.
- 7. Transfer of care time refers to the period between arrival of patients at the ED by ambulance and the transfer of responsibility for their care from paramedics to ED staff in an ED treatment zone. For more information see Spotlight on Measurement: measuring transfer of care from the ambulance to the emergency department.
- 8. The median is the time by which half of patients left the ED. The other half of patients took equal to or longer than this time.
- 9. The 90th percentile is the time by which 90% of patients left the ED. The final 10% of patients took equal to or longer than this time.

Note: Presentation time is the earlier of times recorded for the start of clerical registration or the triage process.

Treatment time is the earliest time recorded when a healthcare professional provides medical care that is relevant to the patient's presenting problems. For patients who were treated and discharged, departure time is the time when treatment was completed. For all other patients, departure time is the time when the patient actually left the ED.

Note: All percentages are rounded and therefore percentages may not add to 100%.

Sources: ED data from Health Information Exchange, NSW Health (extracted 17 October 2017).

Transfer of care data from Transfer of Care Reporting System (extracted 17 October 2017).

NSW

# **Bowral and District Hospital:** Emergency department (ED) overview July to September 2017

All presentations: 1 5,124 patients

Emergency presentations:<sup>2</sup> 4,997 patients

Same period	Change since
last year	one year ago
4,555	12.5%
1 150	10.00/.

Same period

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

July to September 2017

	last year	(this period)
Triage 2 Emergency (e.g. chest pain, severe burns): 345 patients	302	
Median time to start treatment <sup>4</sup>	9 minutes	9 minutes
90th percentile time to start treatment <sup>5</sup> 26 minutes	25 minutes	29 minutes
Triage 3 Urgent (e.g. moderate blood loss, dehydration): 1,659 patients	1,426	
Median time to start treatment <sup>4</sup> 21 minutes	18 minutes	23 minutes
90th percentile time to start treatment <sup>5</sup> 74 minutes	63 minutes	83 minutes
Triage 4 Semi-urgent (e.g. sprained ankle, earache): 2,310 patients	2,131	
Median time to start treatment <sup>4</sup> 25 minutes	20 minutes	30 minutes
90th percentile time to start treatment <sup>5</sup>	100 minutes	121 minutes
Triage 5 Non-urgent (e.g. small cuts or abrasions): 652 patients	578	
Median time to start treatment <sup>4</sup> 20 minutes	18 minutes	26 minutes
90th percentile time to start treatment <sup>5</sup>	83 minutes	118 minutes

### **Bowral and District Hospital:** Time from presentation until leaving the ED

July to September 2017

Attendances used to calculate time to leaving the ED:6 5,124 patients

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

1	one year ago
4,555	12.5%
81.3%	

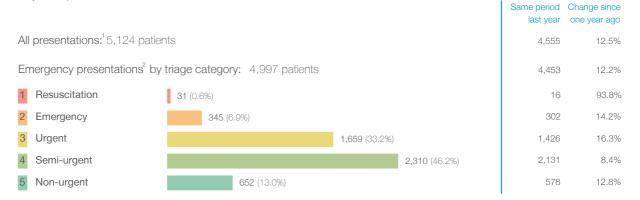
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- 1. All emergency and non-emergency attendances at the emergency department (ED).
- 2. All attendances that have a triage category and are coded as emergency presentations or unplanned return visits.
- 3. Some patients are excluded from ED time measures 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.

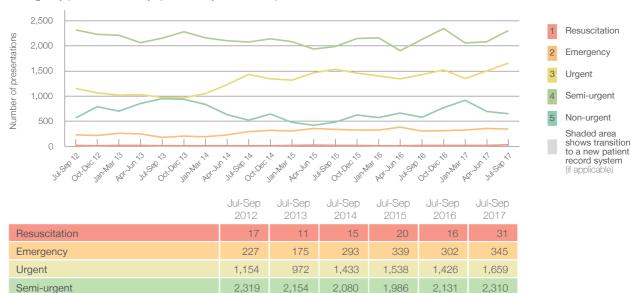
Source: Health Information Exchange, NSW Health (extracted 17 October 2017).

#### Bowral and District Hospital: Patients presenting to the emergency department

July to September 2017



Emergency presentations<sup>2</sup> by quarter, July 2012 to September 2017 <sup>‡</sup>



#### Bowral and District Hospital: Patients arriving by ambulance

4,281

July to September 2017

All emergency presentations

Non-urgent

		last year	one year ago
Arrivals used to calculate transfer of care time: 7 1,042 patients			
ED Transfer of care time			
Median time	12 minutes	11 minutes	1 minute
90th percentile time	24 minutes	23 minutes	1 minute

4,260

4,346

652

Same period Change since

4,997

486

4,369

4,453

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

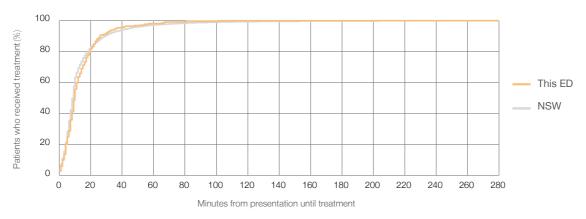
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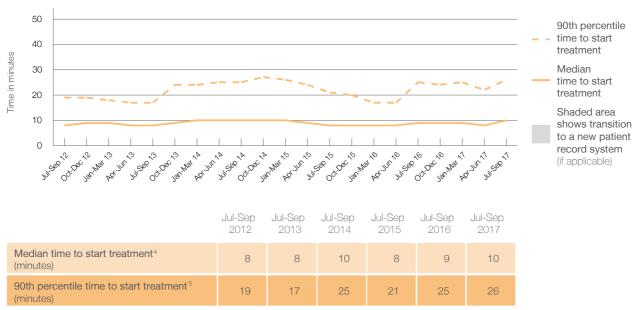
# **Bowral and District Hospital:** Time patients waited to start treatment, triage 2 July to September 2017

Triage 2 Emergency (e.g. chest pain, severe burns)		(this period)
Number of triage 2 patients: 345	302	
Number of triage 2 patients used to calculate waiting time: 343	302	
Median time to start treatment <sup>4</sup> 10 minutes	9 minutes	9 minutes
90th percentile time to start treatment <sup>5</sup> 26 minutes	25 minutes	29 minutes

Percentage of triage 2 patients who received treatment by time, July to September 2017



Time patients waited to start treatment (minutes) for triage 2 patients, July 2012 to September 2017 † †



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

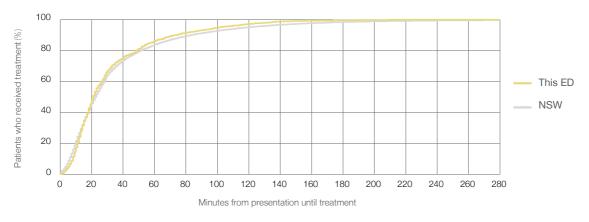
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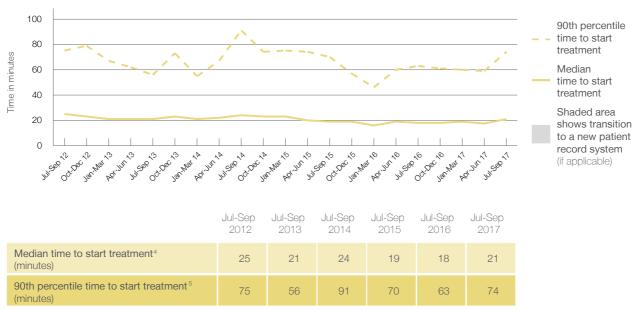
# **Bowral and District Hospital:** Time patients waited to start treatment, triage 3 July to September 2017

	Triage 3 Urgent (e.g. moderate blood lo	oss, dehydration)	Same period last year	NSW (this period)
Number of triage 3 patients: 1,659		1,426		
	Number of triage 3 patients used to calcu	late waiting time: <sup>3</sup> 1,642	1,414	
	Median time to start treatment <sup>4</sup>	21 minutes	18 minutes	23 minutes
	90th percentile time to start treatment <sup>5</sup>	74 minutes	63 minutes	83 minutes

Percentage of triage 3 patients who received treatment by time, July to September 2017



Time patients waited to start treatment (minutes) for triage 3 patients, July 2012 to September 2017 \*\*



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

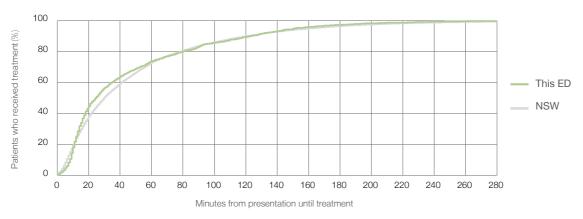
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# **Bowral and District Hospital:** Time patients waited to start treatment, triage 4 July to September 2017

Triage 4 Semi-urgent (e.g. sprained ankle, earache)		Same period last year	(this period)
Number of triage 4 patients: 2,310			
Number of triage 4 patients used to calculate waiting time: 3 2,191			
Median time to start treatment <sup>4</sup> 25 minutes		20 minutes	30 minutes
90th percentile time to start treatment <sup>5</sup>	124 minutes	100 minutes	121 minutes

#### Percentage of triage 4 patients who received treatment by time, July to September 2017



Time patients waited to start treatment (minutes) for triage 4 patients, July 2012 to September 2017 \*\*



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

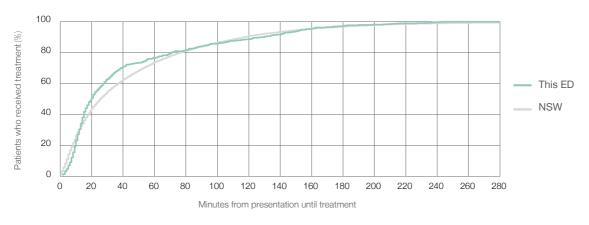
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# **Bowral and District Hospital:** Time patients waited to start treatment, triage 5 July to September 2017

Triage 5 Non-urgent (e.g. small cuts or abrasions)	Same period last year	NSW (this period)
Number of triage 5 patients: 652	578	
Number of triage 5 patients used to calculate waiting time: 3 589	525	
Median time to start treatment <sup>4</sup> 20 minutes	18 minutes	26 minutes
90th percentile time to start treatment <sup>5</sup>	83 minutes	118 minutes

Percentage of triage 5 patients who received treatment by time, July to September 2017



Time patients waited to start treatment (minutes) for triage 5 patients, July 2012 to September 2017 † †



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

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#### Bowral and District Hospital: Time patients spent in the ED

July to September 2017

All presentations: <sup>1</sup> 5,124 patients

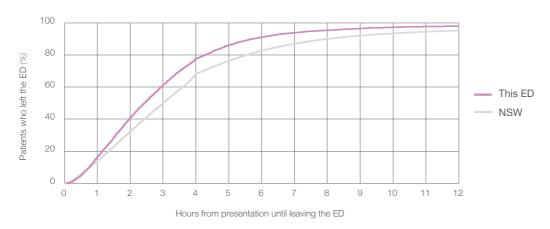
Presentations used to calculate time to leaving the ED: <sup>6</sup> 5,124 patients

Median time spent in the ED <sup>8</sup> 2 hours and 26 minutes

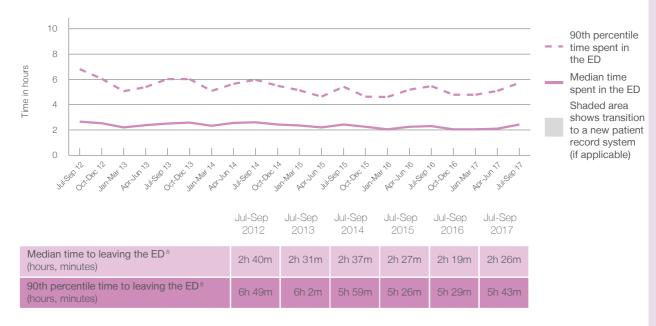
90th percentile time spent in the ED <sup>9</sup> 5 hours and 43 minutes

NSW (this period)	Same period last year	
	4,555	
	4,555	
3 hours and 0 minutes	2 hours and 19 minutes	
8 hours and 2 minutes	5 hours and 29 minutes	

#### Percentage of patients who left the ED by time, July to September 2017



Time patients spent in the ED, by quarter, July 2012 to September 2017  $^{\dagger\ddagger}$ 



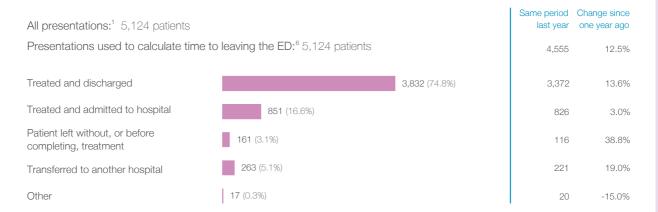
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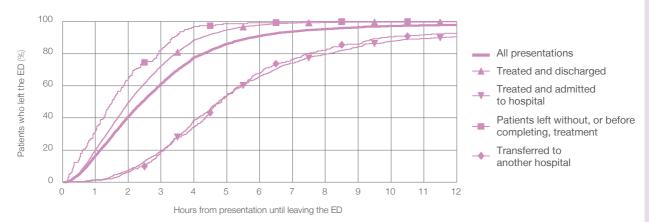
Approaches to reporting time measures of emergency department performance, December 2011.

#### Bowral and District Hospital: Time patients spent in the ED

By mode of separation July to September 2017



Percentage of patients who left the ED by time and mode of separation, July to September 2017  $^{\dagger\ddagger}$ 



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

Treated and discharged	20.0%	49.6%	72.5%	88.3%	97.8%	99.5%	99.7%	99.8%
Treated and admitted to hospital	1.4%	7.2%	19.3%	38.5%	65.9%	79.6%	87.8%	90.6%
Patient left without, or before completing, treatment	31.7%	64.6%	82.6%	96.9%	99.4%	100%	100%	100%
Transferred to another hospital	1.1%	6.1%	19.0%	34.2%	67.7%	82.1%	90.5%	92.8%
All presentations	16.4%	40.9%	61.3%	77.6%	91.0%	95.3%	97.2%	98.0%

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

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# **Bowral and District Hospital:** Time spent in the ED Percentage of patients who spent four hours or less in the ED July to September 2017

All presentations at the emergency department: 15,124 patients

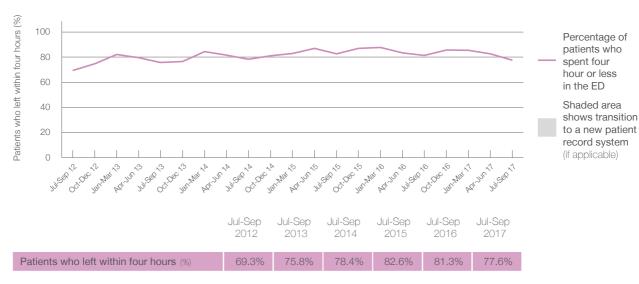
Presentations used to calculate time to leaving the ED: 65,124 patients

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

7.6%

Change since one year ago	
12.5%	4,555
12.5%	4,555
	81.3%

Percentage of patients who spent four hours or less in the ED, by quarter, July 2012 to September 2017<sup>†‡</sup>



- \* Suppressed due to small numbers and to protect privacy. Relevant graphs are also suppressed.
- † Data points are not shown in graphs for quarters when patient numbers were too small.
- 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 final 105% of patients took equal to or longer than this time.
- 6. All presentations that have a departure time.
- 7. Transfer of care time refers to the period between arrival of patients at the ED by ambulance and the transfer of responsibility for their care from paramedics to ED staff in an ED treatment zone. For more information see Spotlight on Measurement: measuring transfer of care from the ambulance to the emergency department.
- 8. The median is the time by which half of patients left the ED. The other half of patients took equal to or longer than this time.
- 9. The 90th percentile is the time by which 90% of patients left the ED. The final 10% of patients took equal to or longer than this time.

Note: Presentation time is the earlier of times recorded for the start of clerical registration or the triage process.

Treatment time is the earliest time recorded when a healthcare professional provides medical care that is relevant to the patient's presenting problems. For patients who were treated and discharged, departure time is the time when treatment was completed. For all other patients, departure time is the time when the patient actually left the ED.

Note: All percentages are rounded and therefore percentages may not add to 100%.

Sources: ED data from Health Information Exchange, NSW Health (extracted 17 October 2017).

Transfer of care data from Transfer of Care Reporting System (extracted 17 October 2017).

Same period Change since

### Campbelltown Hospital: Emergency department (ED) overview

July to September 2017

	last year	one year ago
All presentations: <sup>1</sup> 18,828 patients	16,533	13.9%
Emergency presentations: <sup>2</sup> 18,659 patients	16,394	13.8%

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

July to September 2017

July to September 2017

	Same period last year	NSW (this period)
Triage 2 Emergency (e.g. chest pain, severe burns): 1,879 patients	1,765	
Median time to start treatment <sup>4</sup> 7 minutes	7 minutes	9 minutes
90th percentile time to start treatment <sup>5</sup> 25 minutes	23 minutes	29 minutes
Triage 3 Urgent (e.g. moderate blood loss, dehydration): 8,090 patients	7,268	
Median time to start treatment <sup>4</sup> 16 minutes	17 minutes	23 minutes
90th percentile time to start treatment <sup>5</sup>	82 minutes	83 minutes
Triage 4 Semi-urgent (e.g. sprained ankle, earache): 6,885 patients	5,657	
Median time to start treatment <sup>4</sup> 26 minutes	26 minutes	30 minutes
90th percentile time to start treatment <sup>5</sup>	125 minutes	121 minutes
Triage 5 Non-urgent (e.g. small cuts or abrasions): 1,690 patients	1,590	
Median time to start treatment <sup>4</sup> 34 minutes	32 minutes	26 minutes
90th percentile time to start treatment <sup>5</sup> 146 minutes	126 minutes	118 minutes

### Campbelltown Hospital: Time from presentation until leaving the ED

Attendances used to calculate time to leaving the ED:6 18,828 patients

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

Same period	Change since
last year	one year ago
16,533	13.9%
58.6%	

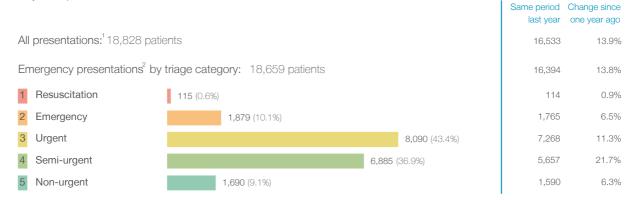
- Suppressed due to small number of patients and to protect privacy. Relevant graphs are also suppressed.
- 1. All emergency and non-emergency attendances at the emergency department (ED).
- 2. All attendances that have a triage category and are coded as emergency presentations or unplanned return visits.
- 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 90th percentile is the time by which 90% of patients started treatment. The final 10% of patients waited equal to or longer than this time.
- 6. All presentations that have a departure time.

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

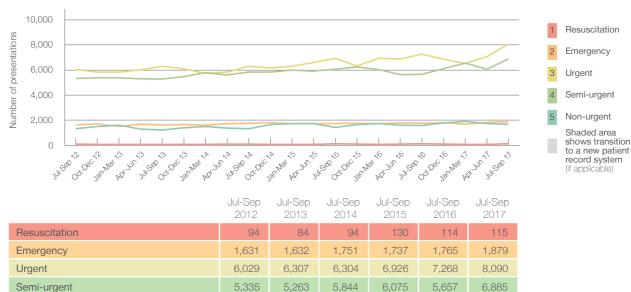
Source: Health Information Exchange, NSW Health (extracted 17 October 2017).

### Campbelltown Hospital: Patients presenting to the emergency department

July to September 2017



Emergency presentations<sup>2</sup> by quarter, July 2012 to September 2017 <sup>‡</sup>



#### Campbelltown Hospital: Patients arriving by ambulance

July to September 2017

All emergency presentations

Non-urgent

	last year	one year ago
Arrivals used to calculate transfer of care time: 7 4,597 patients		
ED Transfer of care time		
14 minutes	14 minutes	0 minutes
34 minutes	30 minutes	4 minutes
	14 minutes	efer of care time: 7 4,597 patients 4,048 14 minutes

1.233

14,519

14.417

15,307

1,590

16,394

1,690

18,659

Same period Change since

1.421

16,289

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

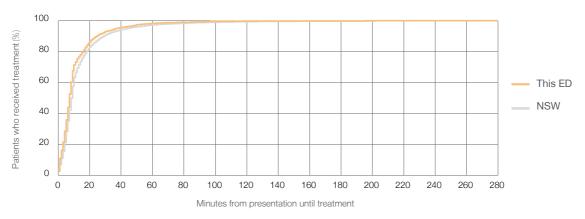
<sup>(‡)</sup> Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

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

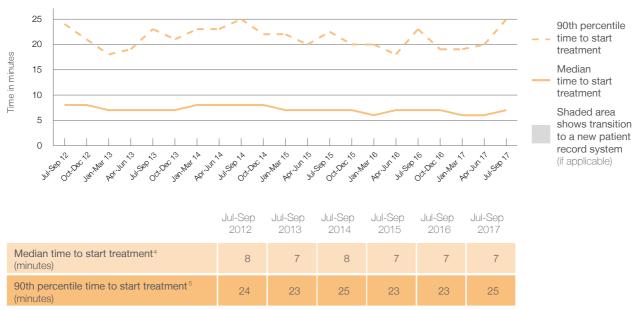
# **Campbelltown Hospital:** Time patients waited to start treatment, triage 2 July to September 2017

Triage 2 Emergency (e.g. chest pain, severe burns)		Same period last year	NSW (this period)
Number of triage 2 patients: 1,879		1,765	
Number of triage 2 patients used to calculate waiting time: 3 1,872			
Median time to start treatment <sup>4</sup>	7 minutes	7 minutes	9 minutes
90th percentile time to start treatment <sup>5</sup>	25 minutes	23 minutes	29 minutes

#### Percentage of triage 2 patients who received treatment by time, July to September 2017



Time patients waited to start treatment (minutes) for triage 2 patients, July 2012 to September 2017



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

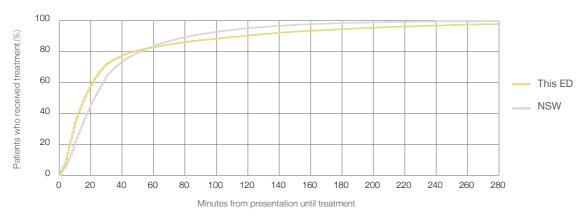
<sup>(±)</sup> Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

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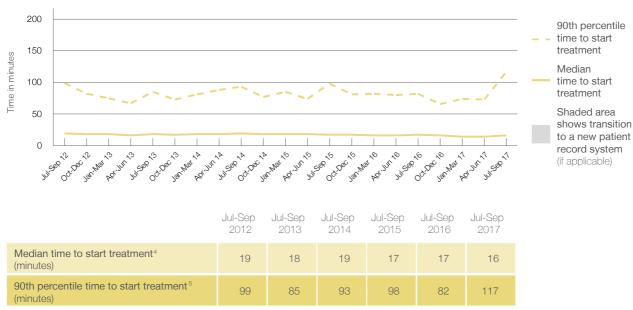
# **Campbelltown Hospital:** Time patients waited to start treatment, triage 3 July to September 2017

Triage 3 Urgent (e.g. moderate blood loss, dehydration)			NSW (this period)
Number of triage 3 patients: 8,090			
Number of triage 3 patients used to calculate waiting time: 3 7,585			
Median time to start treatment <sup>4</sup>	ninutes	17 minutes	23 minutes
90th percentile time to start treatment <sup>5</sup>	117 minutes	82 minutes	83 minutes

#### Percentage of triage 3 patients who received treatment by time, July to September 2017



Time patients waited to start treatment(minutes) for triage 3 patients, July 2012 to September 2017 \*\*



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

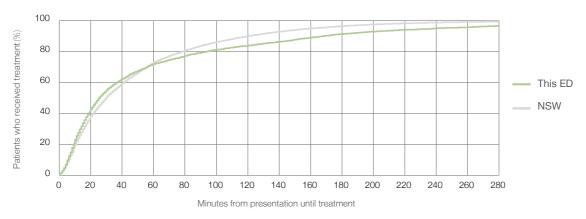
<sup>(±)</sup> Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

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

# **Campbelltown Hospital:** Time patients waited to start treatment, triage 4 July to September 2017

Triage 4 Semi-urgent (e.g. sprained ankle, earache)	Same period last year	NSW (this period)
Number of triage 4 patients: 6,885	5,657	
Number of triage 4 patients used to calculate waiting time: 5,931	5,289	
Median time to start treatment <sup>4</sup> 26 minutes	26 minutes	30 minutes
90th percentile time to start treatment <sup>5</sup> 168 minutes	125 minutes	121 minutes

#### Percentage of triage 4 patients who received treatment by time, July to September 2017



Time patients waited to start treatment (minutes) for triage 4 patients, July 2012 to September 2017



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

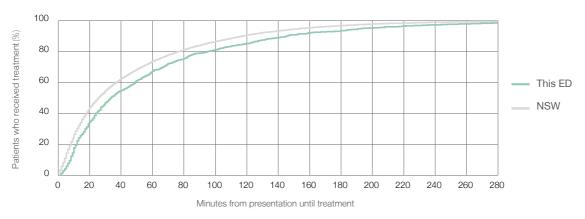
<sup>(‡)</sup> Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

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

# **Campbelltown Hospital:** Time patients waited to start treatment, triage 5 July to September 2017

Triage 5 Non-urgent (e.g. small cuts or abrasions)			Same period last year	NSW (this period)
Number of triage 5 patients: 1,690			1,590	
Number of triage 5 patients used to calculate waiting time: 3 1,293			1,397	
Median time to start treatment <sup>4</sup>	34 minutes		32 minutes	26 minutes
90th percentile time to start treatment <sup>5</sup>	146 r	ninutes	126 minutes	118 minutes

#### Percentage of triage 5 patients who received treatment by time, July to September 2017



Time patients waited to start treatment (minutes) for triage 5 patients, July 2012 to September 2017



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

<sup>(±)</sup> 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:

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11 hours and 17 minutes

### Campbelltown Hospital: Time patients spent in the ED

July to September 2017

All presentations: 1 18,828 patients

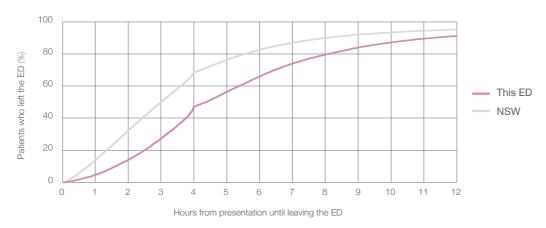
Presentations used to calculate time to leaving the ED:6 18,828 patients

Median time spent in the ED <sup>8</sup> 4 hours and 22 minutes

90th percentile time spent in the ED 9



### Percentage of patients who left the ED by time, July to September 2017



Time patients spent in the ED, by quarter, July 2012 to September 2017  $^{\dagger *}$ 



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

<sup>(‡)</sup> 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:

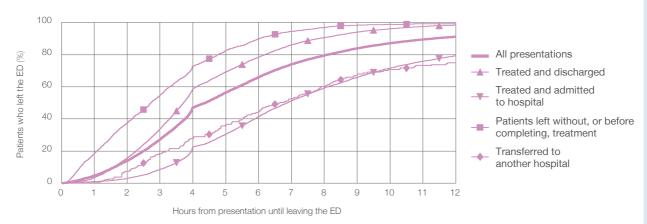
Approaches to reporting time measures of emergency department performance, December 2011.

### Campbelltown Hospital: Time patients spent in the ED

By mode of separation July to September 2017

All presentations: <sup>1</sup> 18,828 patients	Same period last year	Change since one year ago	
Presentations used to calculate time to leaving the ED: <sup>6</sup> 18,828 patients			13.9%
Treated and discharged	8,964 (47.6%)	8,001	12.0%
Treated and admitted to hospital	6,976 (37.1%)	6,921	0.8%
Patient left without, or before completing, treatment	2,632 (14.0%)	1,367	92.5%
Transferred to another hospital	191 (1.0%)	235	-18.7%
Other	65 (0.3%)	9	622.2%

Percentage of patients who left the ED by time and mode of separation, July to September 2017  $^{\dagger\ddagger}$ 



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

Treated and discharged	3.5%	15.7%	33.9%	58.8%	78.5%	90.7%	96.2%	98.4%
Treated and admitted to hospital	0.9%	2.9%	8.6%	22.6%	41.4%	59.3%	71.7%	79.5%
Patient left without, or before completing, treatment	18.7%	37.5%	54.8%	72.9%	90.0%	97.0%	98.9%	99.4%
Transferred to another hospital	0.5%	7.3%	18.3%	27.7%	44.5%	60.2%	70.7%	74.9%
All presentations	4.7%	14.0%	27.3%	47.1%	66.0%	79.6%	87.2%	91.3%

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

<sup>(‡)</sup> 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 2017

All presentations at the emergency department: 18,828 patients

Presentations used to calculate time to leaving the ED:6 18,828 patients

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



	Change since one year ago
16,533	13.9%
16,533	13.9%
58.6%	

Percentage of patients who spent four hours or less in the ED, by quarter, July 2012 to September 2017<sup>†‡</sup>



- \* Suppressed due to small numbers and to protect privacy. Relevant graphs are also suppressed.
- † Data points are not shown in graphs for quarters when patient numbers were too small.
- 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 final 105% of patients took equal to or longer than this time.
- 6. All presentations that have a departure time.
- 7. Transfer of care time refers to the period between arrival of patients at the ED by ambulance and the transfer of responsibility for their care from paramedics to ED staff in an ED treatment zone. For more information see Spotlight on Measurement: measuring transfer of care from the ambulance to the emergency department.
- 8. The median is the time by which half of patients left the ED. The other half of patients took equal to or longer than this time.
- 9. The 90th percentile is the time by which 90% of patients left the ED. The final 10% of patients took equal to or longer than this time.

Note: Presentation time is the earlier of times recorded for the start of clerical registration or the triage process.

Treatment time is the earliest time recorded when a healthcare professional provides medical care that is relevant to the patient's presenting problems. For patients who were treated and discharged, departure time is the time when treatment was completed. For all other patients, departure time is the time when the patient actually left the ED.

Note: All percentages are rounded and therefore percentages may not add to 100%.

Sources: ED data from Health Information Exchange, NSW Health (extracted 17 October 2017).

Transfer of care data from Transfer of Care Reporting System (extracted 17 October 2017).

Same period Change since

NSW

Same period

# **Fairfield Hospital:** Emergency department (ED) overview July to September 2017

All presentations: 9,767 patients 8,764 11.4% Emergency presentations: 9,748 patients 8,743 11.5%

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

July to September 2017

	last year	(this period)
Triage 2 Emergency (e.g. chest pain, severe burns): 935 patients	811	
Median time to start treatment <sup>4</sup>	10 minutes	9 minutes
90th percentile time to start treatment <sup>5</sup> 36 minutes	23 minutes	29 minutes
Triage 3 Urgent (e.g. moderate blood loss, dehydration): 3,492 patients	3,217	
Median time to start treatment <sup>4</sup> 25 minutes	20 minutes	23 minutes
90th percentile time to start treatment <sup>5</sup>	67 minutes	83 minutes
Triage 4 Semi-urgent (e.g. sprained ankle, earache): 4,612 patients	4,004	
Median time to start treatment <sup>4</sup> 33 minutes	21 minutes	30 minutes
90th percentile time to start treatment <sup>5</sup>	112 minutes	121 minutes
Triage 5 Non-urgent (e.g. small cuts or abrasions): 678 patients	694	
Median time to start treatment <sup>4</sup> 26 minutes	20 minutes	26 minutes
90th percentile time to start treatment <sup>5</sup>	115 minutes	118 minutes

# **Fairfield Hospital:** Time from presentation until leaving the ED July to September 2017

Attendances used to calculate time to leaving the ED:6 9,767 patients

Percentage of patients who spent four hours or less in the ED 55.4%

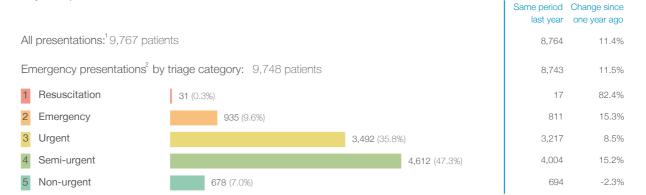
Same period	Change since
last year	one year ago
8,764	11.4%
76.9%	

- \* 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.

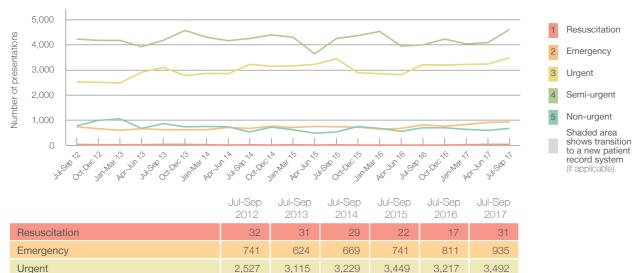
Note: Presentation time is the earlier time recorded for clerical registration or the triage process. Treatment time is the earliest time recorded when a healthcare professional provides medical care relevant to the patient's presenting problems.

Source: Health Information Exchange, NSW Health (extracted 17 October 2017).

# **Fairfield Hospital:** Patients presenting to the emergency department July to September 2017



Emergency presentations<sup>2</sup> by quarter, July 2012 to September 2017 <sup>‡</sup>



4,180

863

8,813

4,261

8,726

4,260

9,003

4,004

8,743

4,612

9,748

678

Same period Change since

4,235

8,311

### Fairfield Hospital: Patients arriving by ambulance

July to September 2017

All emergency presentations

Semi-urgent

Non-urgent

		last year	one year ago
Arrivals used to calculate transfer of care time: 7 2,032 patients		1,350	
ED Transfer of care time			
Median time	17 minutes	11 minutes	6 minutes
90th percentile time	58 minutes	26 minutes	32 minutes

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

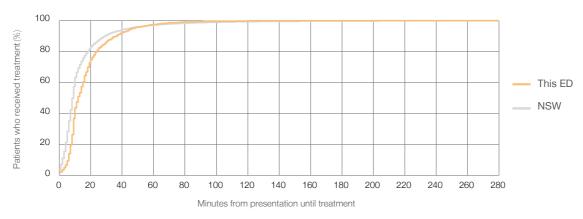
<sup>(‡)</sup> Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

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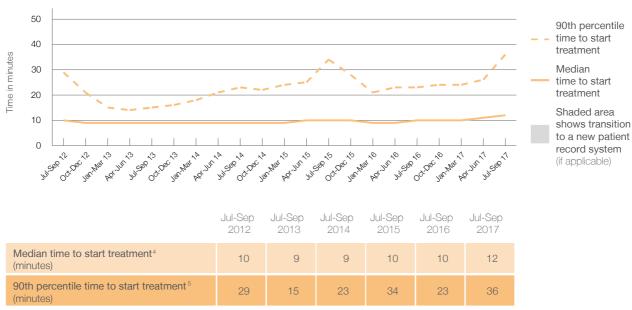
# **Fairfield Hospital:** Time patients waited to start treatment, triage 2 July to September 2017

Triage 2 Emergency (e.g. chest pain, severe burns)		NSW (this period)
Number of triage 2 patients: 935		
Number of triage 2 patients used to calculate waiting time: 925		
Median time to start treatment <sup>4</sup> 12 minutes	10 minutes	9 minutes
90th percentile time to start treatment <sup>5</sup> 36 minutes	23 minutes	29 minutes

Percentage of triage 2 patients who received treatment by time, July to September 2017



Time patients waited to start treatment (minutes) for triage 2 patients, July 2012 to September 2017 † †



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

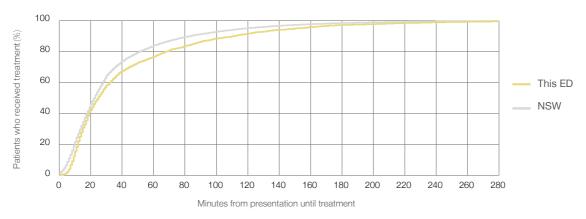
<sup>(±)</sup> Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

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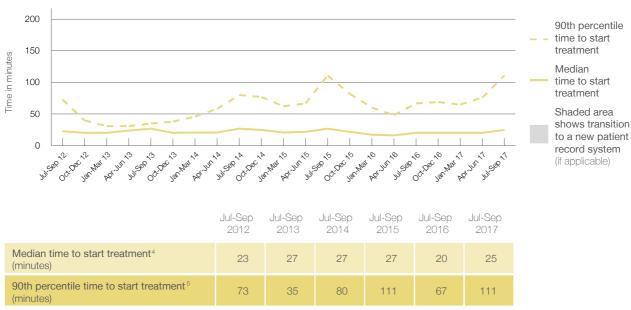
# **Fairfield Hospital:** Time patients waited to start treatment, triage 3 July to September 2017

Triage 3 Urgent (e.g. moderate blood loss, dehydration)			NSW (this period)
Number of triage 3 patients: 3,492			
Number of triage 3 patients used to calculate waiting time: 3,263			
Median time to start treatment <sup>4</sup>	25 minutes	20 minutes	23 minutes
90th percentile time to start treatment <sup>5</sup>	111 minutes	67 minutes	83 minutes

#### Percentage of triage 3 patients who received treatment by time, July to September 2017



Time patients waited to start treatment(minutes) for triage 3 patients, July 2012 to September 2017 \*\*



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

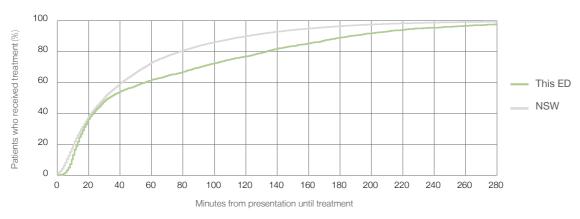
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# **Fairfield Hospital:** Time patients waited to start treatment, triage 4 July to September 2017

Triage 4 Semi-urgent (e.g. sprained ankle, earache)			Same period last year	NSW (this period)
Number of triage 4 patients: 4,612			4,004	
Number of triage 4 patients used to calculate waiting time: 3,676			3,596	
Median time to start treatment <sup>4</sup>	33 minutes		21 minutes	30 minutes
90th percentile time to start treatment <sup>5</sup>		187 minutes	112 minutes	121 minutes

#### Percentage of triage 4 patients who received treatment by time, July to September 2017



Time patients waited to start treatment (minutes) for triage 4 patients, July 2012 to September 2017



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

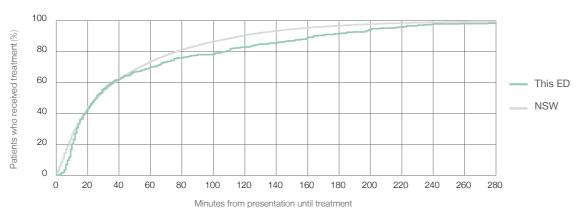
<sup>(‡)</sup> Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

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# **Fairfield Hospital:** Time patients waited to start treatment, triage 5 July to September 2017

Triage 5 Non-urgent (e.g. small cuts or abrasions)			NSW (this period)
Number of triage 5 patients: 678			
Number of triage 5 patients used to calculate waiting time:3 358			
Median time to start treatment <sup>4</sup> 26 m	ninutes	20 minutes	26 minutes
90th percentile time to start treatment <sup>5</sup>	164 minutes	115 minutes	118 minutes

#### Percentage of triage 5 patients who received treatment by time, July to September 2017



Time patients waited to start treatment(minutes) for triage 5 patients, July 2012 to September 2017 \*\*



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

<sup>(±)</sup> 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:

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### Fairfield Hospital: Time patients spent in the ED

July to September 2017

All presentations: 9,767 patients

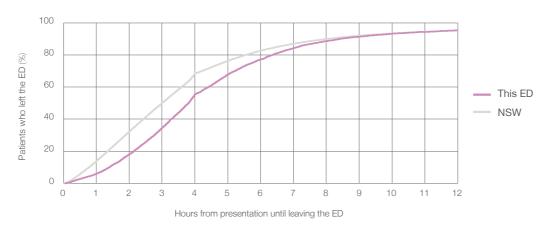
Presentations used to calculate time to leaving the ED: 9,767 patients

Median time spent in the ED 9 3 hours and 48 minutes

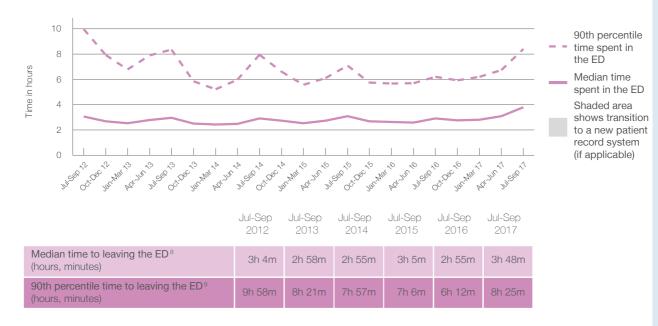
90th percentile time spent in the ED 9 8 hours and 25 minutes

NSW (this period)	Same period last year
	8,764
	8,764
3 hours and 0 minutes	2 hours and 55 minutes
8 hours and 2 minutes	6 hours and 12 minutes

#### Percentage of patients who left the ED by time, July to September 2017



Time patients spent in the ED, by quarter, July 2012 to September 2017  $^{\dagger\ddagger}$ 



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

<sup>(‡)</sup> 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:

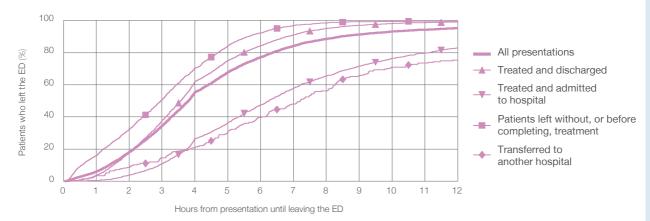
Approaches to reporting time measures of emergency department performance, December 2011.

### Fairfield Hospital: Time patients spent in the ED

By mode of separation July to September 2017

All presentations: 9,767 patients	Same period last year	Change since one year ago			
Presentations used to calculate time to leaving the ED: 69,767 patients			8,764	11.4%	
Treated and discharged		5,449 (55.8%)	5,259	3.6%	
Treated and admitted to hospital	2,067 (21.2%)		2,365	-12.6%	
Patient left without, or before completing, treatment	1,907 (19.5%)		910	109.6%	
Transferred to another hospital	235 (2.4%)		162	45.1%	
Other	109 (1.1%)		68	60.3%	

Percentage of patients who left the ED by time and mode of separation, July to September 2017  $^{\dagger\ddagger}$ 



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

Treated and discharged	3.6%	17.9%	37.7%	61.9%	84.4%	95.0%	98.2%	99.2%
Treated and admitted to hospital	0.4%	3.8%	10.8%	26.3%	47.5%	65.6%	76.5%	83.1%
Patient left without, or before completing, treatment	15.9%	32.3%	50.7%	70.4%	92.4%	98.5%	99.5%	99.7%
Transferred to another hospital	3.4%	8.5%	14.5%	20.9%	39.6%	56.2%	71.1%	75.7%
All presentations	5.9%	18.1%	34.5%	55.4%	77.2%	88.6%	93.2%	95.3%

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

<sup>(‡)</sup> 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 2017

All presentations at the emergency department: 9,767 patients

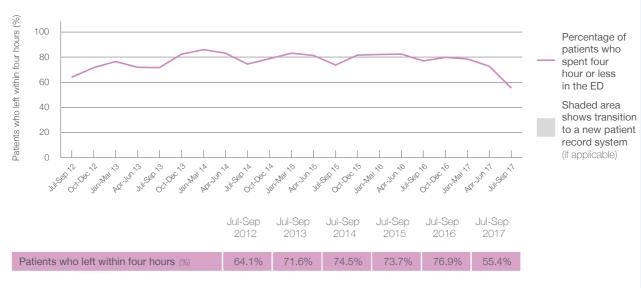
Presentations used to calculate time to leaving the ED: 9,767 patients

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



1	Change since one year ago
8,764	11.4%
8,764	11.4%
76.9%	

Percentage of patients who spent four hours or less in the ED, by quarter, July 2012 to September 2017<sup>†‡</sup>



- \* Suppressed due to small numbers and to protect privacy. Relevant graphs are also suppressed.
- † Data points are not shown in graphs for quarters when patient numbers were too small.
- 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 final 105% of patients took equal to or longer than this time.
- 6. All presentations that have a departure time.
- 7. Transfer of care time refers to the period between arrival of patients at the ED by ambulance and the transfer of responsibility for their care from paramedics to ED staff in an ED treatment zone. For more information see Spotlight on Measurement: measuring transfer of care from the ambulance to the emergency department.
- 8. The median is the time by which half of patients left the ED. The other half of patients took equal to or longer than this time.
- 9. The 90th percentile is the time by which 90% of patients left the ED. The final 10% of patients took equal to or longer than this time.

Note: Presentation time is the earlier of times recorded for the start of clerical registration or the triage process.

Treatment time is the earliest time recorded when a healthcare professional provides medical care that is relevant to the patient's presenting problems. For patients who were treated and discharged, departure time is the time when treatment was completed. For all other patients, departure time is the time when the patient actually left the ED.

Note: All percentages are rounded and therefore percentages may not add to 100%.

Sources: ED data from Health Information Exchange, NSW Health (extracted 17 October 2017).

Transfer of care data from Transfer of Care Reporting System (extracted 17 October 2017).

Same period Change since

NSW

Same period

#### Liverpool Hospital: Emergency department (ED) overview July to September 2017

	last year	one year ago
All presentations: <sup>1</sup> 22,555 patients	20,752	8.7%
Emergency presentations: <sup>2</sup> 22,453 patients	20,429	9.9%

### **Liverpool Hospital:** Time patients waited to start treatment<sup>3</sup>

July to September 2017

	last year	(this period)
Triage 2 Emergency (e.g. chest pain, severe burns): 4,566 patients	3,482	
Median time to start treatment <sup>4</sup> 8 minutes	9 minutes	9 minutes
90th percentile time to start treatment <sup>5</sup> 35 minutes	31 minutes	29 minutes
Triage 3 Urgent (e.g. moderate blood loss, dehydration): 11,445 patients	10,820	
Median time to start treatment <sup>4</sup> 18 minutes	16 minutes	23 minutes
90th percentile time to start treatment <sup>5</sup> 71 minutes	57 minutes	83 minutes
Triage 4 Semi-urgent (e.g. sprained ankle, earache): 5,143 patients	4,946	
Median time to start treatment <sup>4</sup> 21 minutes	17 minutes	30 minutes
90th percentile time to start treatment <sup>5</sup> 81 minutes	67 minutes	121 minutes
	1 000	
Triage 5 Non-urgent (e.g. small cuts or abrasions): 1,141 patients	1,028	
Median time to start treatment <sup>4</sup>	14 minutes	26 minutes
90th percentile time to start treatment <sup>5</sup> 70 minutes	67 minutes	118 minutes

#### **Liverpool Hospital:** Time from presentation until leaving the ED July to September 2017

Attendances used to calculate time to le	eaving the ED:° 22,553 patients
Percentage of patients who spent	
four hours or less in the ED	51.2%

of patients who spent	
or less in the ED	51.2%

	one year ago
last year	one year ago
20,751	8.7%
53.2%	

- 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 90th percentile is the time by which 90% of patients started treatment. The final 10% of patients waited equal to or longer than this time.
- 6. All presentations that have a departure time.

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

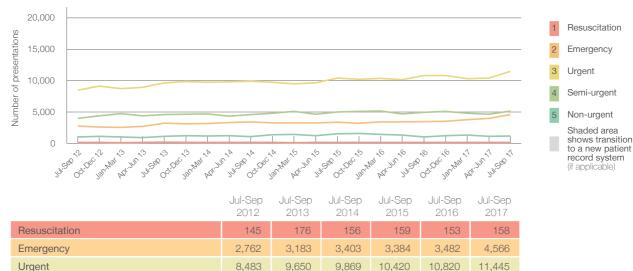
Source: Health Information Exchange, NSW Health (extracted 17 October 2017).

Same period Change since last year one year ago

#### Liverpool Hospital: Patients presenting to the emergency department July to September 2017

All	presentations: 22,555 patie	20,752	8.7%		
Emergency presentations <sup>2</sup> by triage category: 22,453 patients					9.9%
1	Resuscitation	158 (0.7%)	153	3.3%	
2	Emergency	4,566 (20.3%)		3,482	31.1%
3	Urgent		11,445 (51.0%)	10,820	5.8%
4	Semi-urgent	5,143 (22.9%)		4,946	4.0%
5	Non-urgent	1,141 (5.1%)		1,028	11.0%

Emergency presentations<sup>2</sup> by quarter, July 2012 to September 2017 <sup>‡</sup>



3,947

16,372

4,567

1.112

18,688

5,006

1.521

20,490

4,560

19,060

4,946

20,429

5,143

1,141

22,453

Same period Change since

#### Liverpool Hospital: Patients arriving by ambulance

July to September 2017

All emergency presentations

Semi-urgent

Non-urgent

last year one year ago Arrivals used to calculate transfer of care time: 7 6,844 patients 6,890 ED Transfer of care time Median time 17 minutes 13 minutes 4 minutes 90th percentile time 64 minutes 39 minutes 25 minutes

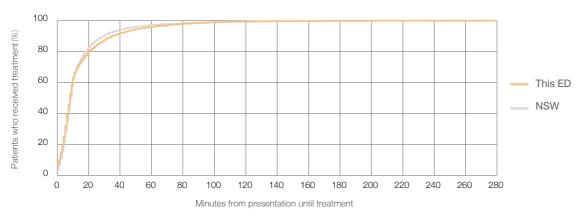
<sup>(†)</sup> Data points are not shown in graphs for quarters when patient numbers are too small.

Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper: Approaches to reporting time measures of emergency department performance, December 2011.

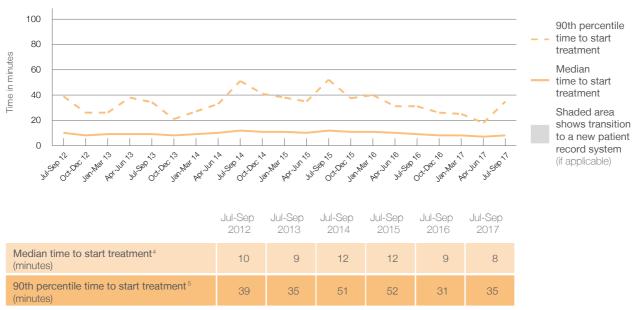
# **Liverpool Hospital:** Time patients waited to start treatment, triage 2 July to September 2017

Triage 2 Emergency (e.g. chest pain, s	Same period last year	NSW (this period)	
Number of triage 2 patients: 4,566	3,482		
Number of triage 2 patients used to calcu	3,455		
Median time to start treatment <sup>4</sup>	9 minutes	9 minutes	
90th percentile time to start treatment <sup>5</sup>	35 minutes	31 minutes	29 minutes

#### Percentage of triage 2 patients who received treatment by time, July to September 2017



Time patients waited to start treatment (minutes) for triage 2 patients, July 2012 to September 2017 † †



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

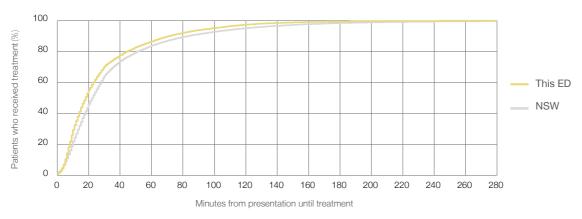
<sup>(±)</sup> Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

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# **Liverpool Hospital:** Time patients waited to start treatment, triage 3 July to September 2017

Triage 3 Urgent (e.g. moderate blood loss, dehydration)	Same period last year	NSW (this period)
Number of triage 3 patients: 11,445	10,820	
Number of triage 3 patients used to calculate waiting time: 3 11,021	10,500	
Median time to start treatment <sup>4</sup> 18 minutes	16 minutes	23 minutes
90th percentile time to start treatment <sup>5</sup> 71 minutes	57 minutes	83 minutes

#### Percentage of triage 3 patients who received treatment by time, July to September 2017



Time patients waited to start treatment (minutes) for triage 3 patients, July 2012 to September 2017 \*\*



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

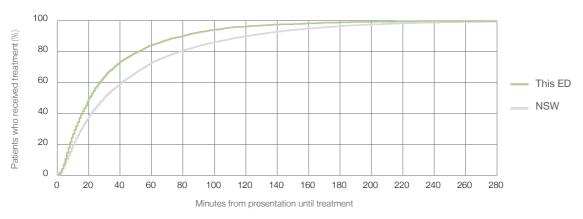
<sup>(±)</sup> Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

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# **Liverpool Hospital:** Time patients waited to start treatment, triage 4 July to September 2017

Triage 4 Semi-urgent (e.g. sprained ankle, earache)	Same period last year	NSW (this period)
Number of triage 4 patients: 5,143	4,946	
Number of triage 4 patients used to calculate waiting time: 4,663	4,477	
Median time to start treatment <sup>4</sup> 21 minutes	17 minutes	30 minutes
90th percentile time to start treatment <sup>5</sup> 81 minutes	67 minutes	121 minutes

#### Percentage of triage 4 patients who received treatment by time, July to September 2017



Time patients waited to start treatment (minutes) for triage 4 patients, July 2012 to September 2017 \*\*



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

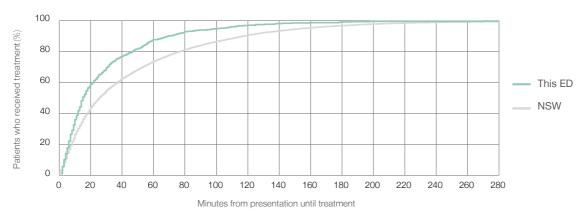
<sup>(±)</sup> Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

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# **Liverpool Hospital:** Time patients waited to start treatment, triage 5 July to September 2017

Triage 5 Non-urgent (e.g. small cuts or abrasions)	Same period last year	NSW (this period)
Number of triage 5 patients: 1,141	1,028	
Number of triage 5 patients used to calculate waiting time: 900	814	
Median time to start treatment <sup>4</sup> 15 minutes	14 minutes	26 minutes
90th percentile time to start treatment <sup>5</sup> 70 minutes	67 minutes	118 minutes

#### Percentage of triage 5 patients who received treatment by time, July to September 2017



Time patients waited to start treatment (minutes) for triage 5 patients, July 2012 to September 2017 † †



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

<sup>(‡)</sup> 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:

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### Liverpool Hospital: Time patients spent in the ED

July to September 2017

All presentations: <sup>1</sup> 22,555 patients

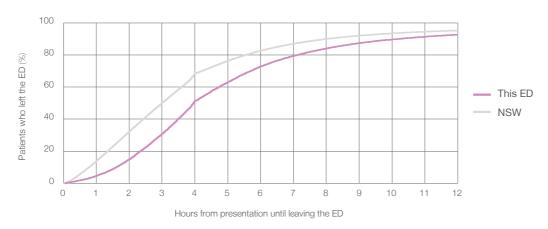
Presentations used to calculate time to leaving the ED: <sup>6</sup> 22,553 patients

Median time spent in the ED <sup>8</sup> 3 hours and 58 minutes

90th percentile time spent in the ED <sup>9</sup> 10 hours and 13 minutes

NSW (this period)	Same period last year	
	20,752	
	20,751	
3 hours and 0 minutes	3 hours and 53 minutes	
8 hours and 2 minutes	10 hours and 56 minutes	

#### Percentage of patients who left the ED by time, July to September 2017



### Time patients spent in the ED, by quarter, July 2012 to September 2017 $^{\dagger\ddagger}$



 $<sup>(\</sup>dagger)$  Data points are not shown in graphs for quarters when patient numbers are too small.

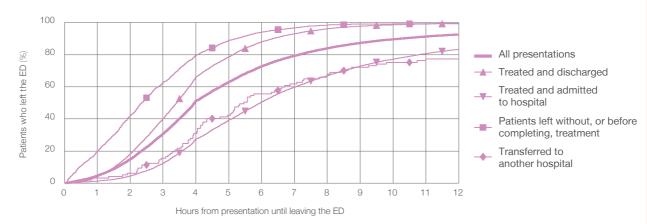
<sup>(‡)</sup> Caution is advised when interpreting abrupt changes over time at the hospital level. For example, performance before and after transition to a new information system is not directly comparable. For more information, see Background Paper:

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### Liverpool Hospital: Time patients spent in the ED By mode of separation July to September 2017

All presentations: <sup>1</sup> 22,555 patients	Same period last year	Change since one year ago		
Presentations used to calculate time to	Presentations used to calculate time to leaving the ED:6 22,553 patients			
Treated and discharged	10,726 (47.6%)	8,663	23.8%	
Treated and admitted to hospital	9,459 (41.9%)	10,086	-6.2%	
Patient left without, or before completing, treatment	2,104 (9.3%)	1,762	19.4%	
Transferred to another hospital	97 (0.4%)	81	19.8%	
Other	169 (0.7%)	160	5.6%	

Percentage of patients who left the ED by time and mode of separation, July to September 2017  $^{\dagger\ddagger}$ 



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

Treated and discharged	4.1%	18.3%	40.2%	66.2%	88.1%	96.2%	98.6%	99.4%
Treated and admitted to hospital	1.2%	4.5%	12.4%	27.5%	50.6%	66.9%	77.2%	83.4%
Patient left without, or before completing, treatment	19.6%	42.0%	62.5%	79.6%	94.1%	98.4%	99.2%	99.4%
Transferred to another hospital	3.1%	6.2%	15.5%	30.9%	55.7%	67.0%	75.3%	77.3%
All presentations	4.6%	15.0%	30.8%	51.2%	72.8%	84.0%	89.6%	92.6%

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

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# **Liverpool Hospital:** Time spent in the ED Percentage of patients who spent four hours or less in the ED July to September 2017

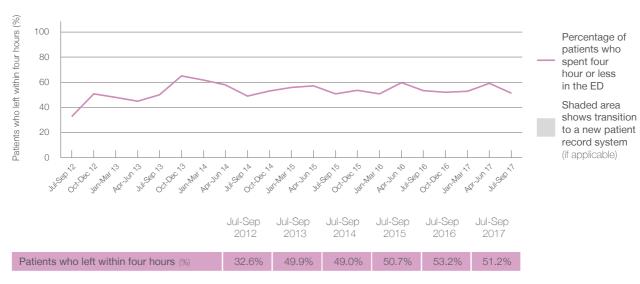
All presentations at the emergency department: 22,555 patients

Presentations used to calculate time to leaving the ED:6 22,553 patients

Percentage of patients who spent four hours or less in the ED 51.2%

1	Change since one year ago
20,752	8.7%
20,751	8.7%
53.2%	

Percentage of patients who spent four hours or less in the ED, by quarter, July 2012 to September 2017<sup>†‡</sup>



- \* Suppressed due to small numbers and to protect privacy. Relevant graphs are also suppressed.
- † Data points are not shown in graphs for quarters when patient numbers were too small.
- 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 final 105% of patients took equal to or longer than this time.
- 6. All presentations that have a departure time.
- 7. Transfer of care time refers to the period between arrival of patients at the ED by ambulance and the transfer of responsibility for their care from paramedics to ED staff in an ED treatment zone. For more information see Spotlight on Measurement: measuring transfer of care from the ambulance to the emergency department.
- 8. The median is the time by which half of patients left the ED. The other half of patients took equal to or longer than this time.
- 9. The 90th percentile is the time by which 90% of patients left the ED. The final 10% of patients took equal to or longer than this time.

Note: Presentation time is the earlier of times recorded for the start of clerical registration or the triage process.

Treatment time is the earliest time recorded when a healthcare professional provides medical care that is relevant to the patient's presenting problems. For patients who were treated and discharged, departure time is the time when treatment was completed. For all other patients, departure time is the time when the patient actually left the ED.

Note: All percentages are rounded and therefore percentages may not add to 100%.

Sources: ED data from Health Information Exchange, NSW Health (extracted 17 October 2017).

Transfer of care data from Transfer of Care Reporting System (extracted 17 October 2017).