



Government of **Western Australia**  
Department of **Health**

# Western Australia Emergency Access Target

## Performance Monthly Report

June 2018



## What is the WA Emergency Access Target (WEAT)?

In January 2016, WA Health system established the WA Emergency Access Target (WEAT) to continue to drive local improvement in patient access to emergency services. This replaced the National Emergency Access Target (NEAT) following the expiry of the Commonwealth National Partnership Agreement on Improving Public Hospital Services in 2015.

The WEAT requires 90 per cent of all patients presenting to a hospital emergency department (ED) to be seen and admitted, transferred or discharged within four hours.

### What hospitals does it cover?

**Child and Adolescent Health Service (CAHS):** Perth Children's Hospital and Princess Margaret Hospital.

**East Metropolitan Health Service (EMHS):** Royal Perth Hospital, Armadale Hospital and St John of God Midland Public Hospital.

**North Metropolitan Health Service (NMHS):** Sir Charles Gairdner Hospital, King Edward Memorial Hospital and Joondalup Health Campus.

**South Metropolitan Health Service (SMHS):** Fiona Stanley Hospital, Rockingham General Hospital and Peel Health Campus.

**WA Country Health Service (WACHS):** Albany Hospital, Broome Hospital, Bunbury Hospital, Busselton Hospital, Carnarvon Hospital, Derby Hospital, Esperance Hospital, Geraldton Hospital, Hedland Health Campus, Kalgoorlie Hospital, Kununurra Hospital, Narrogin Hospital, Nickol Bay Hospital and Northam Hospital.

### Providing the best care

All hospitals and Health Service Providers (HSPs) continue to examine and improve processes across the entire patient journey, from ED and the wards through to hospital discharge.

In 2016–17, Western Australia was the second best performing jurisdiction for patients treated and admitted, transferred or discharged within four hours.

### What does this report show?

This performance report shows how HSPs (CAHS, EMHS, NMHS, SMHS and WACHS) are progressing towards the WEAT. For June 2018:

- The statewide number of ED attendances increased by 0.6% (420) from June 2017 (74,945) to June 2018 (75,365).
- The statewide WEAT performance decreased from 77.7% for June 2017 to 76.7% for June 2018.
- The table of WEAT performance by HSP and hospital (page 4) shows that:
  - At HSP level, WACHS (85.8%) was close to achieving target of 90%.
  - There was a significant improvement in WEAT performance for the month of June 2018 compared to June 2017 at the following hospitals:
    - Joondalup Health Campus: 70.1% compared to 66.8%
    - Peel Health Campus: 69.1% compared to 63.9%
    - Busselton Hospital: 87.1% compared to 80.6%
    - Esperance Hospital: 84.3% compared to 79.8%
    - Geraldton Hospital: 87.3% compared to 79.2%

HSPs continue to drive improvement by implementing strategies that are based upon the foundations contained within the Western Australia Emergency Flow Report (May 2014) and more recently developed improvement strategies.

The report also includes total ED attendances, which show trends in demand, and in hospital mortality for admissions from ED which is monitored to ensure patient care remains of the highest priority.

Refer to the Notes section (page 35) and the WEAT Reporting Data Definitions and Business Rules (pages 36 to 38) for information on how to interpret the figures in this report.

## Western Australian Emergency Access Target Performance – June 2018

Health Service Provider	Number of Emergency Department Attendances			Percentage of Emergency Department Attendances with Length of Episode of Four Hours or Less			
	June 2017	June 2018	Variance	June 2017	June 2018	Variance <sup>#</sup>	
<b>Child and Adolescent Health Service (CAHS)</b>							
Perth Children's Hospital	–	4,166	–	–	80.8%	–	–
Princess Margaret Hospital	5,353	1,465	–	–	85.6%	90.6%	–
<b>Total CAHS</b>	<b>5,353</b>	<b>5,631</b>	<b>↑</b>	<b>5.2%</b>	<b>85.6%</b>	<b>83.4%</b>	<b>↓</b> <b>2.2%</b>
<b>East Metropolitan Health Service (EMHS)</b>							
Royal Perth Hospital	5,765	5,749	↓	0.3%	74.5%	72.6%	↓ 1.9%
Armadale Hospital	4,575	4,673	↑	2.1%	76.4%	77.4%	↑ 1.1%
SJOG Midland Public Hospital	5,873	5,936	↑	1.1%	77.4%	75.4%	↓ 2.0%
<b>Total EMHS</b>	<b>16,213</b>	<b>16,358</b>	<b>↑</b>	<b>0.9%</b>	<b>76.1%</b>	<b>75.0%</b>	<b>↓</b> <b>1.1%</b>
<b>North Metropolitan Health Service (NMHS)</b>							
Sir Charles Gairdner Hospital	5,522	5,798	↑	5.0%	72.9%	66.8%	↓ 6.1%
King Edward Memorial Hospital	959	866	↓	9.7%	94.8%	94.1%	↓ 0.7%
Joondalup Health Campus	8,199	8,198	↓	0.01%	66.8%	70.1%	↑ 3.3%
<b>Total NMHS</b>	<b>14,680</b>	<b>14,862</b>	<b>↑</b>	<b>1.2%</b>	<b>70.9%</b>	<b>70.2%</b>	<b>↓</b> <b>0.7%</b>
<b>South Metropolitan Health Service (SMHS)</b>							
Fiona Stanley Hospital	8,879	8,971	↑	1.0%	74.8%	67.6%	↓ 7.2%
Rockingham General Hospital	4,530	4,532	↑	0.04%	76.1%	75.5%	↓ 0.7%
Peel Health Campus	3,527	3,321	↓	5.8%	63.9%	69.1%	↑ 5.3%
<b>Total SMHS</b>	<b>16,936</b>	<b>16,824</b>	<b>↓</b>	<b>0.7%</b>	<b>72.9%</b>	<b>70.0%</b>	<b>↓</b> <b>2.9%</b>
<b>WA Country Health Service (WACHS)</b>							
Albany Hospital	2,023	2,046	↑	1.1%	90.1%	82.5%	↓ 7.7%
Broome Hospital	2,144	1,910	↓	10.9%	87.5%	88.5%	↑ 1.0%
Bunbury Hospital	3,222	3,151	↓	2.2%	78.2%	76.2%	↓ 2.0%
Busselton Hospital	1,576	1,721	↑	9.2%	80.6%	87.1%	↑ 6.5%
Carvarvon Hospital	868	783	↓	9.8%	86.6%	87.0%	↑ 0.4%
Derby Hospital	942	1,040	↑	10.4%	90.6%	90.2%	↓ 0.4%
Esperance Hospital	747	765	↑	2.4%	79.8%	84.3%	↑ 4.5%
Geraldton Hospital	2,360	2,383	↑	1.0%	79.2%	87.3%	↑ 8.1%
Hedland Health Campus	1,709	1,854	↑	8.5%	95.0%	91.4%	↓ 3.6%
Kalgoorlie Hospital	2,037	1,931	↓	5.2%	89.3%	87.8%	↓ 1.6%
Kununurra Hospital	1,128	1,052	↓	6.7%	89.4%	89.7%	↑ 0.4%
Narrogin Hospital	622	563	↓	9.5%	84.9%	87.6%	↑ 2.7%
Nickol Bay Hospital	1,516	1,568	↑	3.4%	85.5%	86.9%	↑ 1.4%
Northam Hospital	869	923	↑	6.2%	86.0%	87.1%	↑ 1.1%
<b>Total WACHS</b>	<b>21,763</b>	<b>21,690</b>	<b>↓</b>	<b>0.3%</b>	<b>85.4%</b>	<b>85.8%</b>	<b>↑</b> <b>0.4%</b>
<b>Statewide</b>	<b>74,945</b>	<b>75,365</b>	<b>↑</b>	<b>0.6%</b>	<b>77.7%</b>	<b>76.7%</b>	<b>↓</b> <b>1.0%</b>
<b>Statewide (excluding Contracted Health Entities*)</b>	<b>57,346</b>	<b>57,910</b>	<b>↑</b>	<b>1.0%</b>	<b>80.2%</b>	<b>78.2%</b>	<b>↓</b> <b>2.0%</b>
<b>Contracted Health Entities</b>	<b>17,599</b>	<b>17,455</b>	<b>↓</b>	<b>0.8%</b>	<b>69.7%</b>	<b>71.7%</b>	<b>↑</b> <b>2.0%</b>

Princess Margaret Hospital emergency department closed on 10 June 2018 and Perth Children's Hospital emergency department opened on the same day. As a result, June 2018 does not represent a full set of data for either hospital.

– (dash symbol): data is not available, or comparison is not possible.



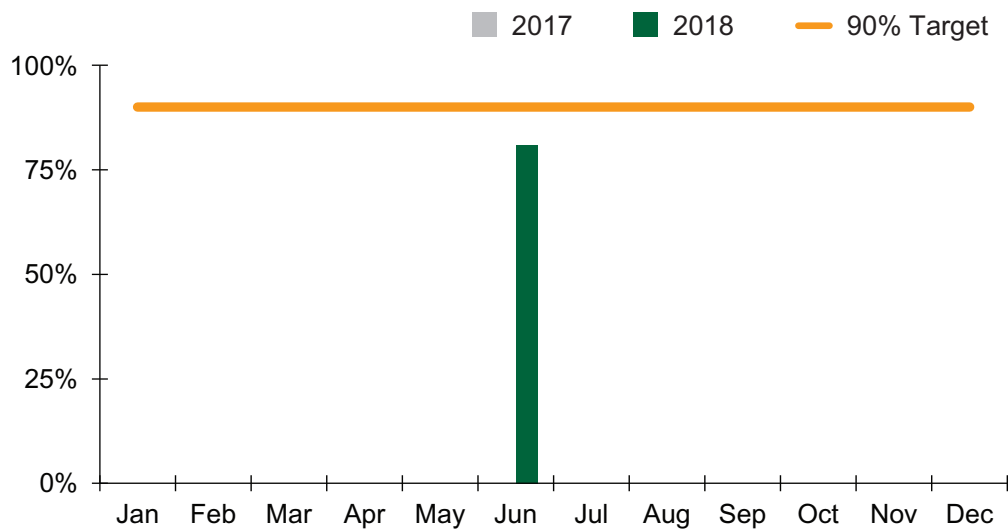
## **Child and Adolescent Health Service**

Perth Children's Hospital  
Princess Margaret Hospital

## Perth Children's Hospital

June 2018	
4,166	total emergency department attendances
80.8%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>
47.0%	emergency department admissions with LOE of four hours or less <sup>1</sup>
41.2%	emergency department transfers with LOE of four hours or less <sup>1</sup>
88.7%	emergency department departures with LOE of four hours or less <sup>1</sup>
0.0%	in-hospital mortality for admissions from emergency department

**Figure 1: Perth Children's Hospital – Percentage of ED attendances with length of episode of four hours or less**



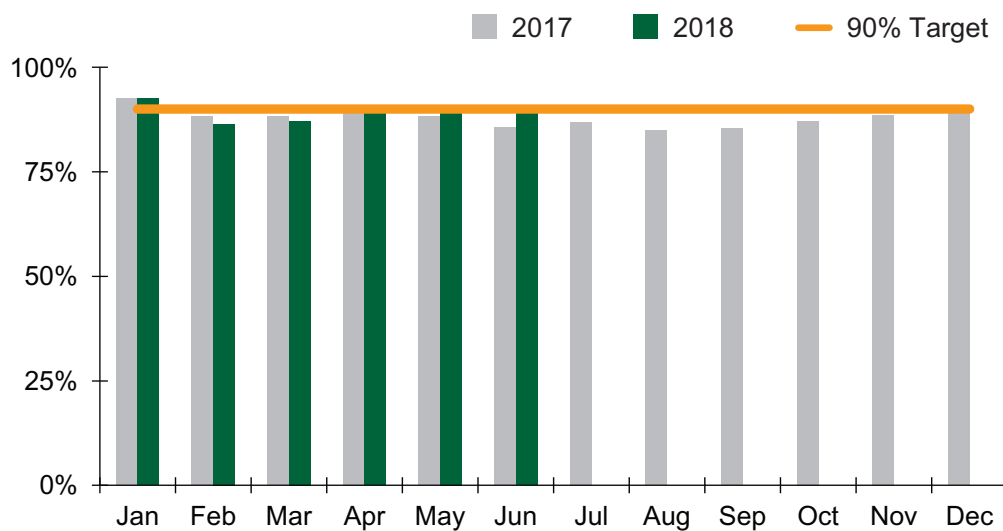
Perth Children's Hospital emergency department opened on 10 June 2018. As a result, June 2018 does not represent a full set of data and comparison to the same period last year will not be available until the July 2018 report, when Perth Children's Hospital data will be compared to Princess Margaret Hospital data.

See Notes on page 35 for additional comments on the figures shown.

## Princess Margaret Hospital

June 2018	
1,465	total emergency department attendances
90.6%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>
73.0%	emergency department admissions with LOE of four hours or less <sup>1</sup>
28.6%	emergency department transfers with LOE of four hours or less <sup>1</sup>
94.7%	emergency department departures with LOE of four hours or less <sup>1</sup>
0.0%	in-hospital mortality for admissions from emergency department

**Figure 2: Princess Margaret Hospital – Percentage of ED attendances with length of episode of four hours or less**



Princess Margaret Hospital emergency department closed on 10 June 2018. As a result, June 2018 does not represent a full set of data and cannot be compared to June 2017.

See Notes on page 35 for additional comments on the figures shown.



## **East Metropolitan Health Service**

Royal Perth Hospital

Armadale Hospital

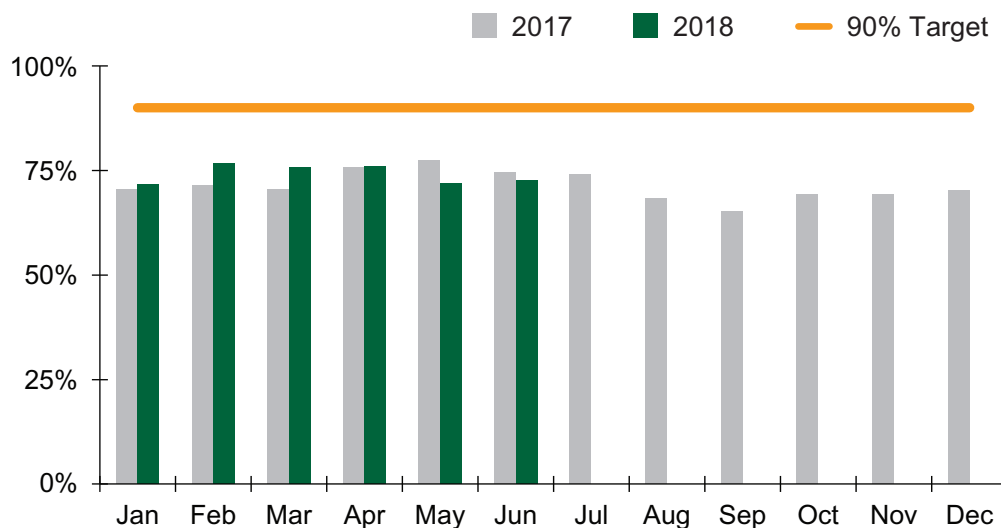
St John of God Midland  
Public Hospital



## Royal Perth Hospital

June 2018		Compared to June 2017		
5,749	total emergency department attendances	↓	0.3%	decrease or 16 less emergency department attendances
72.6%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	1.9%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
57.7%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	4.7%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
41.3%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	16.7%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
88.7%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	5.3%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
1.3%	in-hospital mortality for admissions from emergency department	↓	0.5%	decrease in in-hospital mortality for admissions from emergency department

**Figure 3: Royal Perth Hospital – Percentage of ED attendances with length of episode of four hours or less**

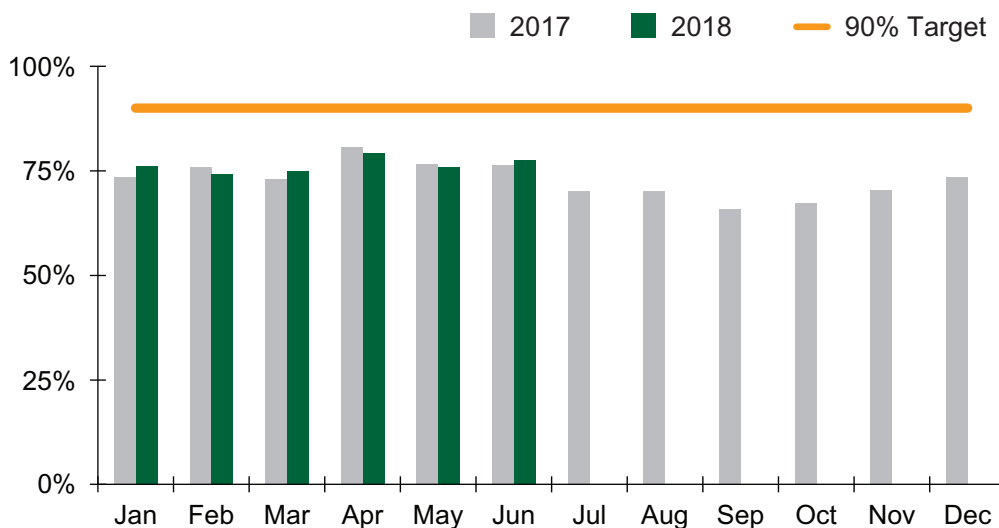


See Notes on page 35 for additional comments on the figures shown.

## Armada Hospital

June 2018		Compared to June 2017		
4,673	total emergency department attendances	↑	2.1%	increase of 98 more emergency department attendances
77.4%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	1.1%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
36.4%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	2.7%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
41.1%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	2.5%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
86.8%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	2.0%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
0.8%	in-hospital mortality for admissions from emergency department	↓	0.3%	decrease in in-hospital mortality for admissions from emergency department

**Figure 4: Armadale Hospital – Percentage of ED attendances with length of episode of four hours or less**

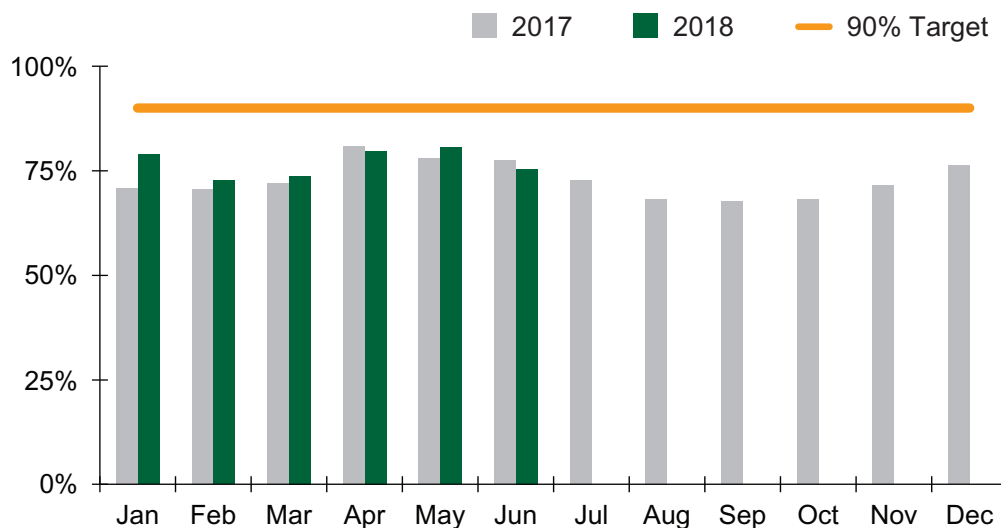


See Notes on page 35 for additional comments on the figures shown.

## St John of God Midland Public Hospital

June 2018		Compared to June 2017		
5,936	total emergency department attendances	↑	1.1%	increase of 63 more emergency department attendances
75.4%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	2.0%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
59.8%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	2.0%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
51.9%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	3.5%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
83.5%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	3.2%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
1.3%	in-hospital mortality for admissions from emergency department	↓	0.1%	decrease in in-hospital mortality for admissions from emergency department

**Figure 5: St John of God Midland Public Hospital – Percentage of ED attendances with length of episode of four hours or less**



See Notes on page 35 for additional comments on the figures shown.



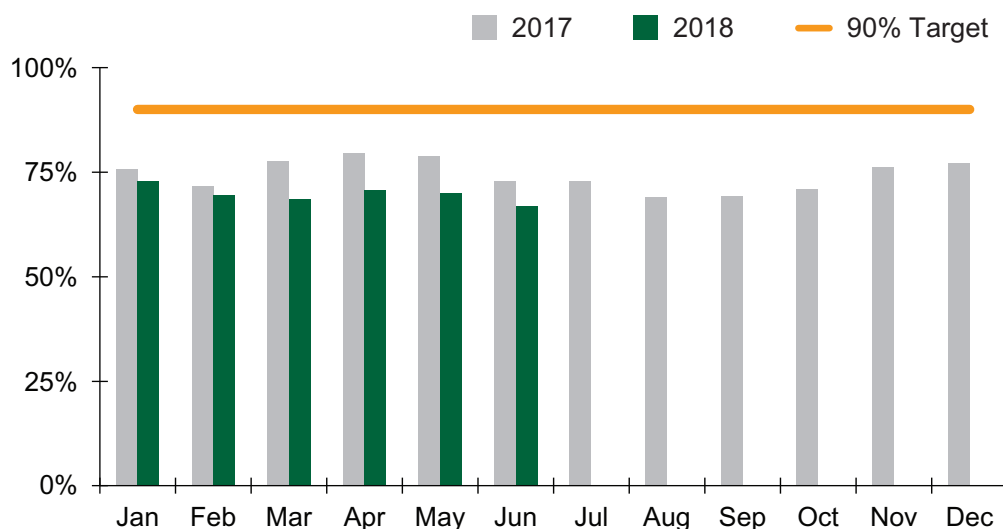
## **North Metropolitan Health Service**

Sir Charles Gairdner Hospital  
King Edward Memorial Hospital  
Joondalup Health Campus

## Sir Charles Gairdner Hospital

June 2018		Compared to June 2017		
5,798	total emergency department attendances	↑	5.0%	increase of 276 more emergency department attendances
66.8%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	6.1%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
54.8%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	7.5%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
28.6%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	15.0%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
81.5%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	5.5%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
1.9%	in-hospital mortality for admissions from emergency department	↓	0.7%	decrease in in-hospital mortality for admissions from emergency department

**Figure 6: Sir Charles Gairdner Hospital – Percentage of ED attendances with length of episode of four hours or less**

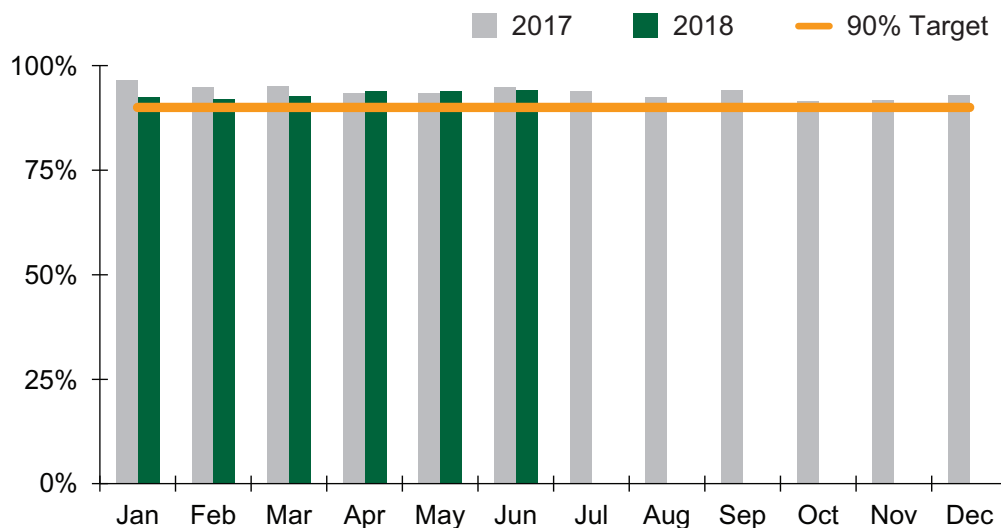


See Notes on page 35 for additional comments on the figures shown.

## King Edward Memorial Hospital

June 2018		Compared to June 2017		
866	total emergency department attendances	↓	9.7%	decrease or 93 less emergency department attendances
94.1%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	0.7%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
78.1%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	1.2%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
66.7%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↔	0.0%	no change in emergency department transfers with LOE of four hours or less <sup>1</sup>
97.2%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	0.1%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
0.0%	in-hospital mortality for admissions from emergency department	↔	0.0%	no change in in-hospital mortality for admissions from emergency department

**Figure 7: King Edward Memorial Hospital – Percentage of ED attendances with length of episode of four hours or less**

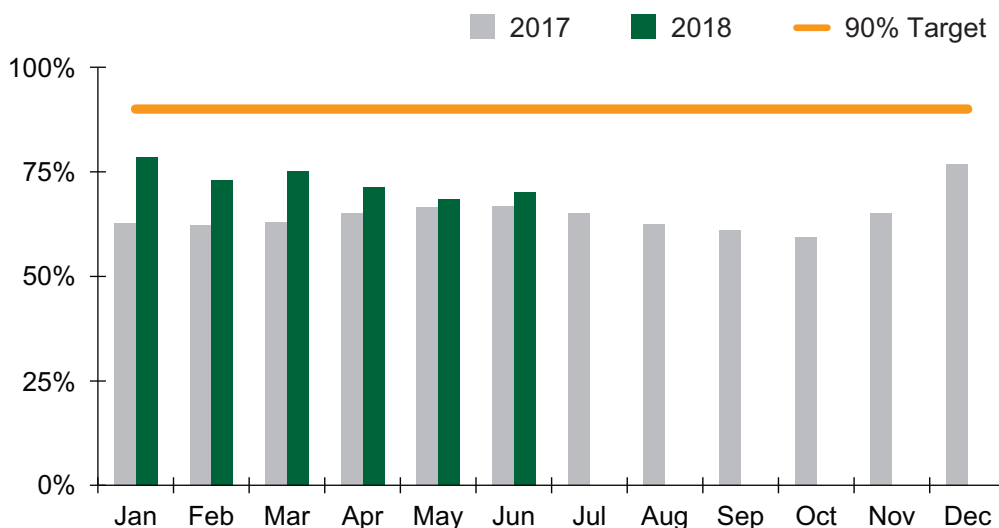


See Notes on page 35 for additional comments on the figures shown.

## Joondalup Health Campus

June 2018		Compared to June 2017		
8,198	total emergency department attendances	↓	0.01%	decrease or 1 less emergency department attendance
70.1%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	3.3%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
48.7%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	5.1%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
49.5%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	1.9%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
81.2%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	3.2%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
1.4%	in-hospital mortality for admissions from emergency department	↑	0.1%	increase in in-hospital mortality for admissions from emergency department

**Figure 8: Joondalup Health Campus – Percentage of ED attendances with length of episode of four hours or less**



See Notes on page 35 for additional comments on the figures shown.



## **South Metropolitan Health Service**

Fiona Stanley Hospital

Rockingham General Hospital

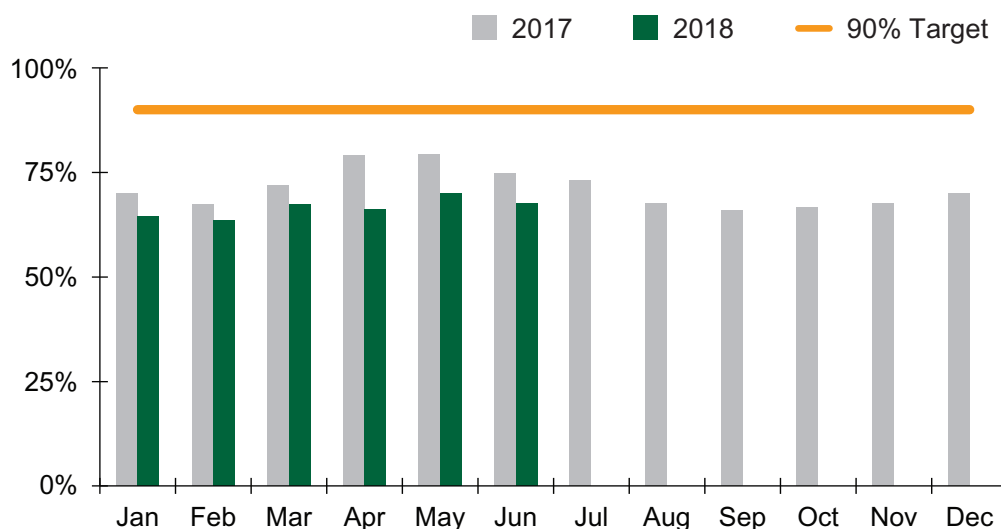
Peel Health Campus



## Fiona Stanley Hospital

June 2018		Compared to June 2017		
8,971	total emergency department attendances	↑	1.0%	increase of 92 more emergency department attendances
67.6%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	7.2%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
48.5%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	8.4%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
52.1%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	9.2%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
78.5%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	6.8%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
1.4%	in-hospital mortality for admissions from emergency department	↑	0.1%	increase in in-hospital mortality for admissions from emergency department

**Figure 9: Fiona Stanley Hospital – Percentage of ED attendances with length of episode of four hours or less**

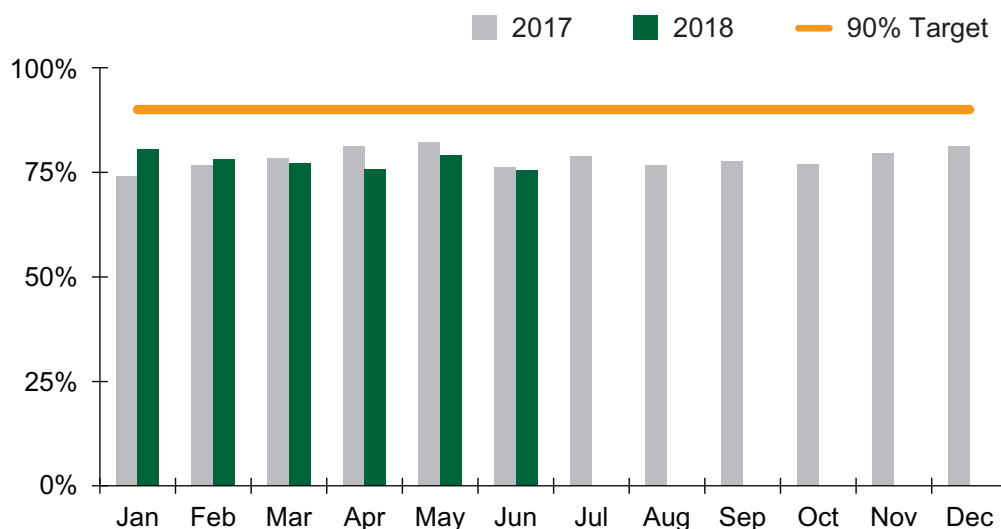


See Notes on page 35 for additional comments on the figures shown.

## Rockingham General Hospital

June 2018		Compared to June 2017		
4,532	total emergency department attendances	↑	0.04%	increase of 2 more emergency department attendances
75.5%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	0.7%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
39.4%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	6.0%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
37.3%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	18.9%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
85.5%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	0.6%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
0.6%	in-hospital mortality for admissions from emergency department	↓	0.5%	decrease in in-hospital mortality for admissions from emergency department

**Figure 10: Rockingham General Hospital – Percentage of ED attendances with length of episode of four hours or less**

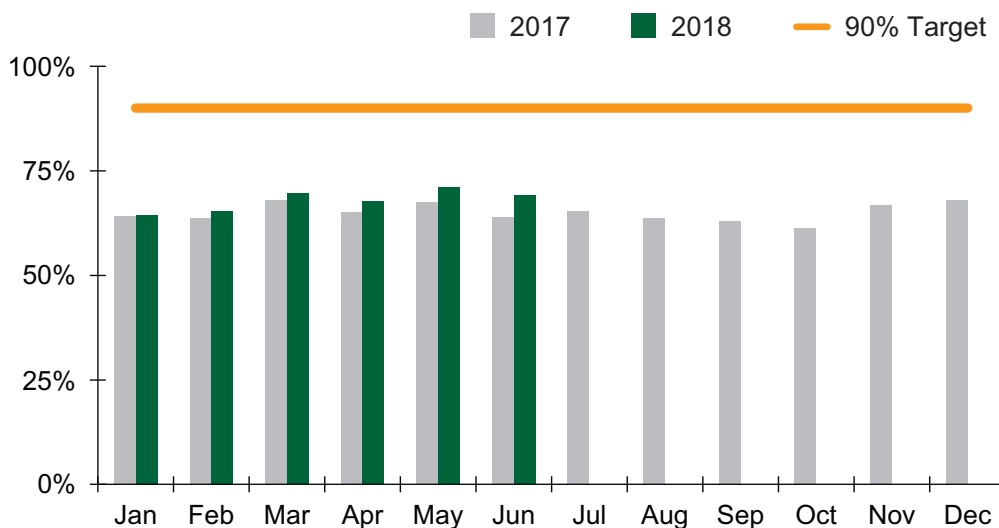


See Notes on page 35 for additional comments on the figures shown.

## Peel Health Campus

June 2018		Compared to June 2017		
3,321	total emergency department attendances	↓	5.8%	decrease of 206 less emergency department attendances
69.1%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	5.3%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
49.3%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	10.8%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
37.3%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	4.9%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
78.2%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	3.3%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
1.0%	in-hospital mortality for admissions from emergency department	↓	0.3%	decrease in in-hospital mortality for admissions from emergency department

**Figure 11: Peel Health Campus – Percentage of ED attendances with length of episode of four hours or less**



See Notes on page 35 for additional comments on the figures shown.



## **WA Country Health Service**

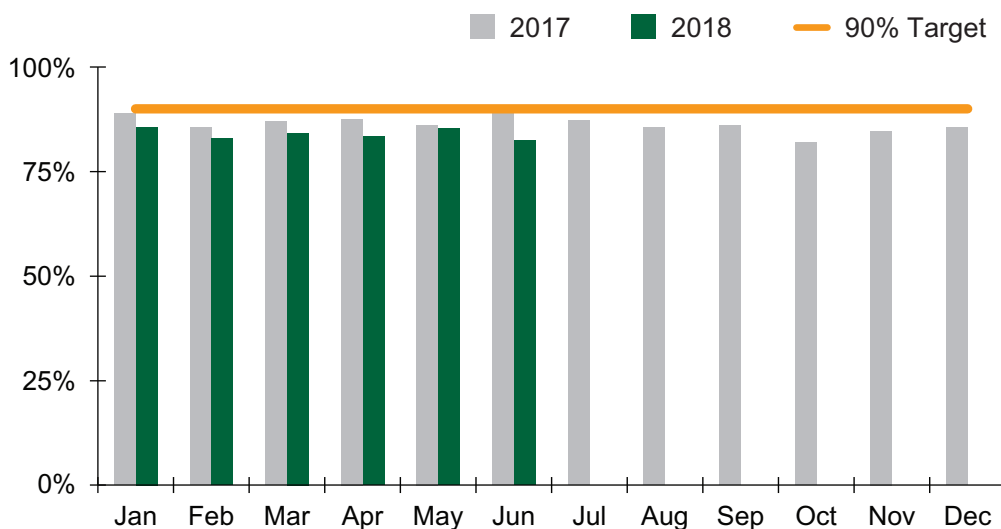
Albany Hospital  
Broome Hospital  
Bunbury Regional Hospital  
Busselton Hospital  
Carnarvon Hospital  
Derby Hospital  
Esperance Hospital

Geraldton Hospital  
Hedland Health Campus  
Kalgoorlie Hospital  
Kununurra Hospital  
Narrogin Hospital  
Nickol Bay Hospital  
Northam Hospital

## Albany Hospital

June 2018		Compared to June 2017		
2,046	total emergency department attendances	↑	1.1%	increase or 23 more emergency department attendances
82.5%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	7.7%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
54.1%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	17.6%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
50.0%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	9.5%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
91.0%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	4.7%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
0.2%	in-hospital mortality for admissions from emergency department	↓	0.5%	decrease in in-hospital mortality for admissions from emergency department

**Figure 12: Albany Hospital – Percentage of ED attendances with length of episode of four hours or less**

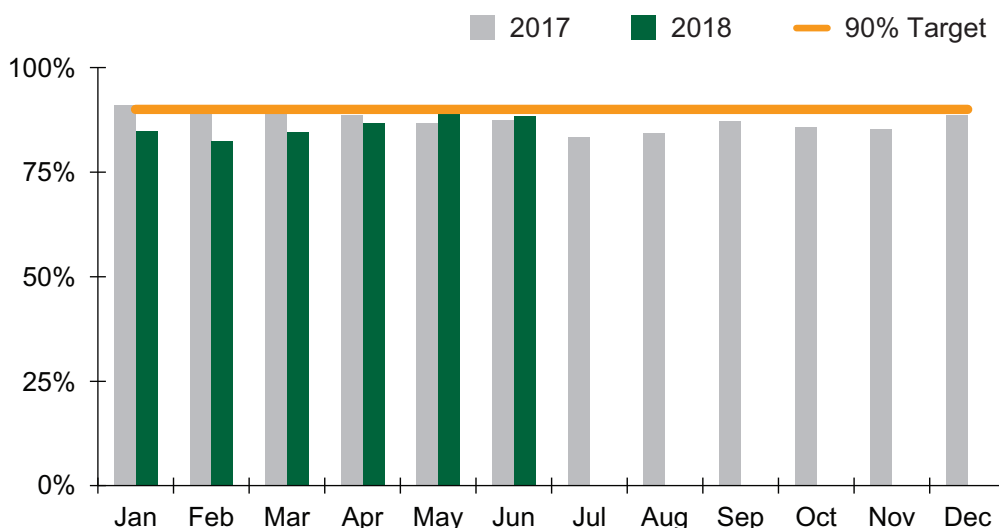


See Notes on page 35 for additional comments on the figures shown.

## Broome Hospital

June 2018		Compared to June 2017		
1,910	total emergency department attendances	↓	10.9%	decrease or 234 less emergency department attendances
88.5%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	1.0%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
53.6%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	0.8%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
71.4%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	15.9%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
95.0%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	1.7%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
0.7%	in-hospital mortality for admissions from emergency department	↑	0.3%	increase in in-hospital mortality for admissions from emergency department

**Figure 13: Broome Hospital – Percentage of ED attendances with length of episode of four hours or less**

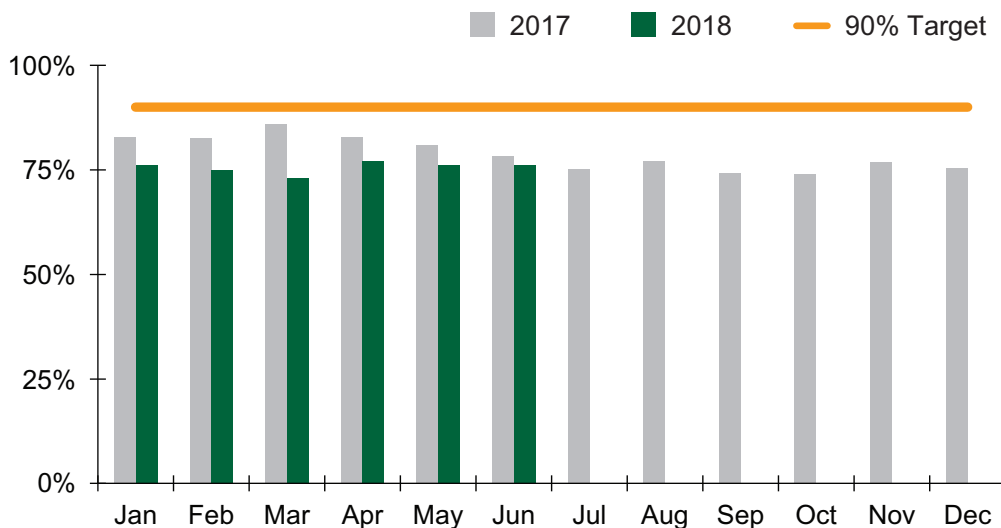


See Notes on page 35 for additional comments on the figures shown.

## Bunbury Regional Hospital

June 2018		Compared to June 2017		
3,151	total emergency department attendances	↓	2.2%	decrease or 71 less emergency department attendances
76.2%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	2.0%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
59.9%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	2.4%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
33.3%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	0.8%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
84.7%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	1.5%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
0.8%	in-hospital mortality for admissions from emergency department	↓	0.002%	decrease in in-hospital mortality for admissions from emergency department

**Figure 14: Bunbury Regional Hospital – Percentage of ED attendances with length of episode of four hours or less**

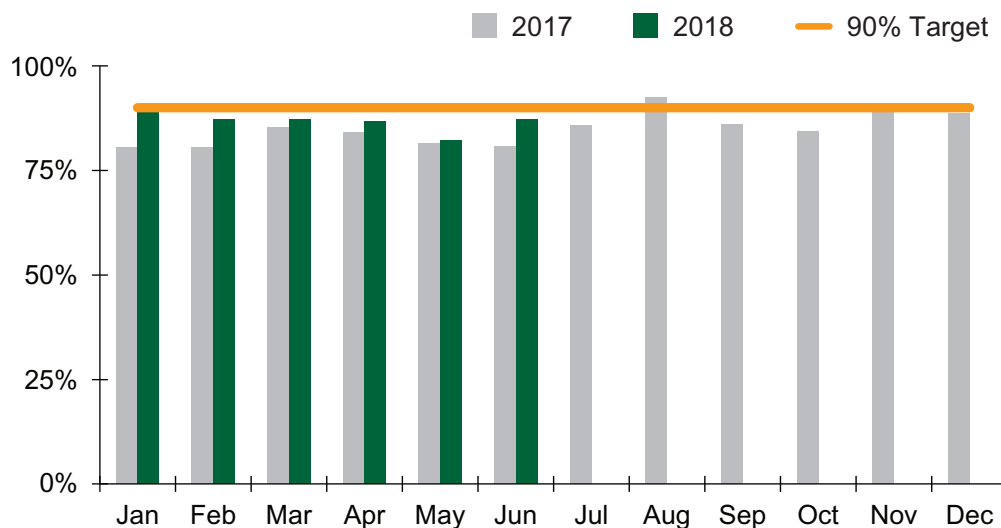


See Notes on page 35 for additional comments on the figures shown.

## Busselton Hospital

June 2018		Compared to June 2017		
1,721	total emergency department attendances	↑	9.2%	increase of 145 more emergency department attendances
87.1%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	6.5%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
56.8%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	36.8%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
63.4%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	8.1%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
91.9%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	4.5%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
2.1%	in-hospital mortality for admissions from emergency department	↓	1.5%	decrease in in-hospital mortality for admissions from emergency department

**Figure 15: Busselton Hospital – Percentage of ED attendances with length of episode of four hours or less**



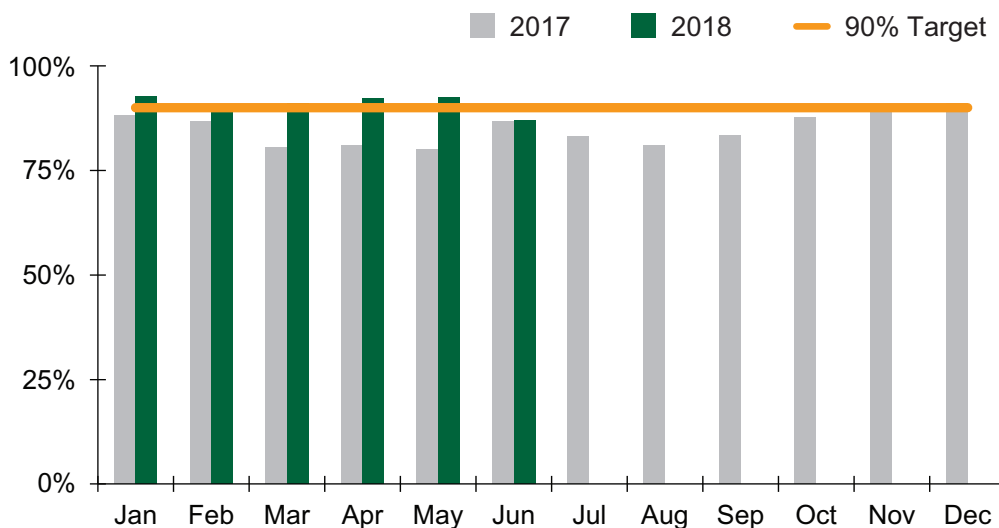
See Notes on page 35 for additional comments on the figures shown.



## Carnarvon Hospital

June 2018		Compared to June 2017		
783	total emergency department attendances	↓	9.8%	decrease or 85 less emergency department attendances
87.0%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	0.4%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
58.7%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	16.9%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
22.2%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	19.0%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
91.7%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	0.3%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
1.4%	in-hospital mortality for admissions from emergency department	↓	0.1%	decrease in in-hospital mortality for admissions from emergency department

**Figure 16: Carnarvon Hospital – Percentage of ED attendances with length of episode of four hours or less**

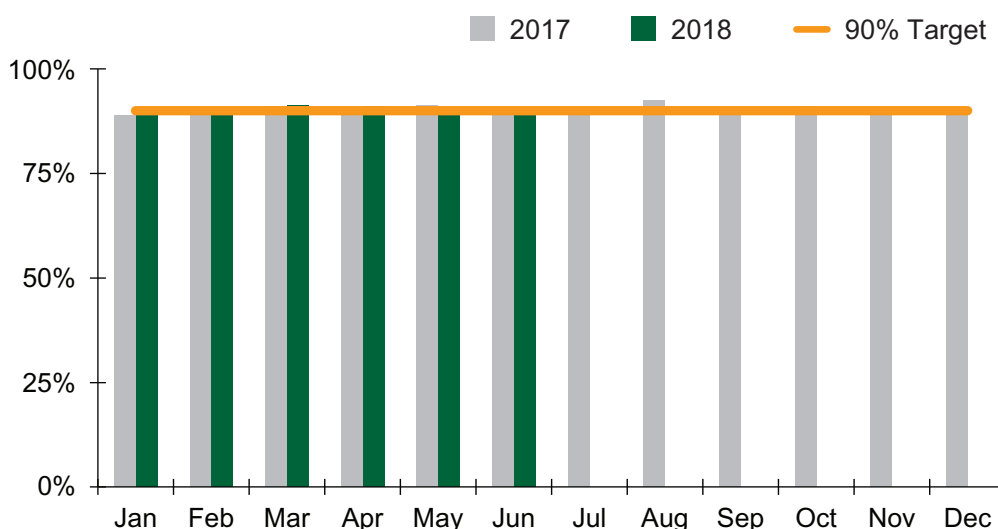


See Notes on page 35 for additional comments on the figures shown.

## Derby Hospital

June 2018		Compared to June 2017		
1,040	total emergency department attendances	↑	10.4%	increase of 98 more emergency department attendances
90.2%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	0.4%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
60.2%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	1.4%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
40.0%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	2.9%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
94.9%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	0.4%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
0.0%	in-hospital mortality for admissions from emergency department	↓	1.8%	decrease in in-hospital mortality for admissions from emergency department

**Figure 17: Derby Hospital – Percentage of ED attendances with length of episode of four hours or less**

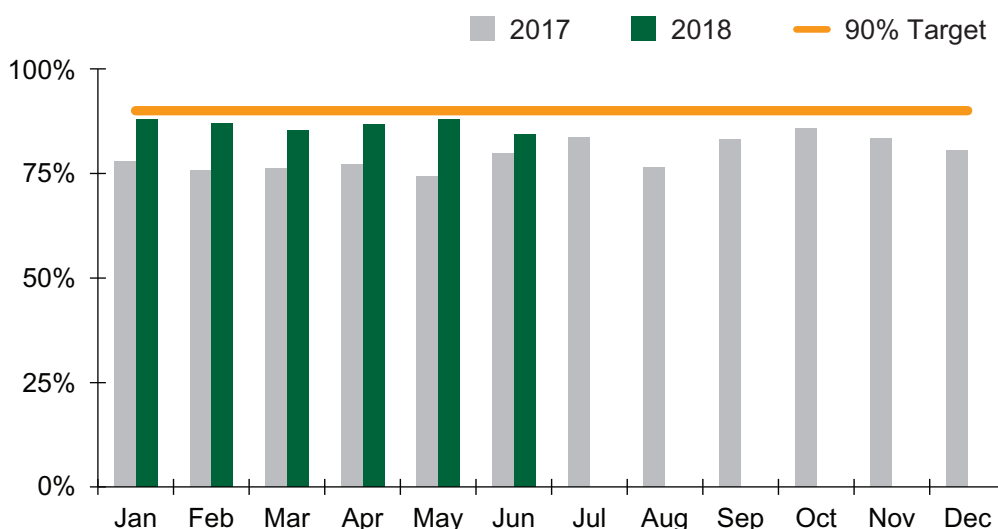


See Notes on page 35 for additional comments on the figures shown.

## Esperance Hospital

June 2018		Compared to June 2017		
765	total emergency department attendances	↑	2.4%	increase or 18 more emergency department attendances
84.3%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	4.5%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
42.7%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	1.4%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
30.8%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	1.0%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
91.0%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	1.3%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
5.5%	in-hospital mortality for admissions from emergency department	↑	5.5%	increase in in-hospital mortality for admissions from emergency department

**Figure 18: Esperance Hospital – Percentage of ED attendances with length of episode of four hours or less**

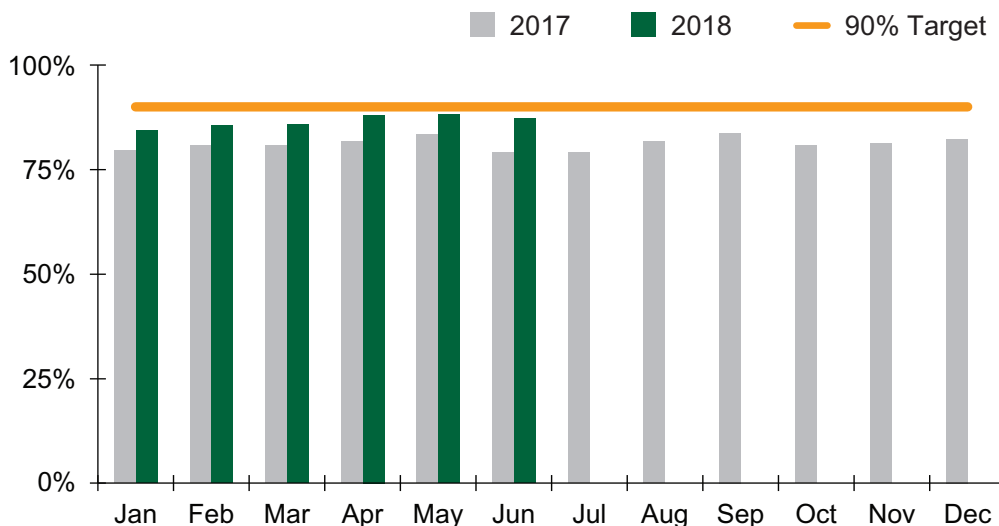


See Notes on page 35 for additional comments on the figures shown.

## Geraldton Hospital

June 2018		Compared to June 2017		
2,383	total emergency department attendances	↑	1.0%	increase of 23 more emergency department attendances
87.3%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	8.1%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
77.5%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	26.2%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
56.1%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	29.1%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
90.9%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	3.0%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
0.6%	in-hospital mortality for admissions from emergency department	↓	0.04%	decrease in in-hospital mortality for admissions from emergency department

**Figure 19: Geraldton Hospital – Percentage of ED attendances with length of episode of four hours or less**

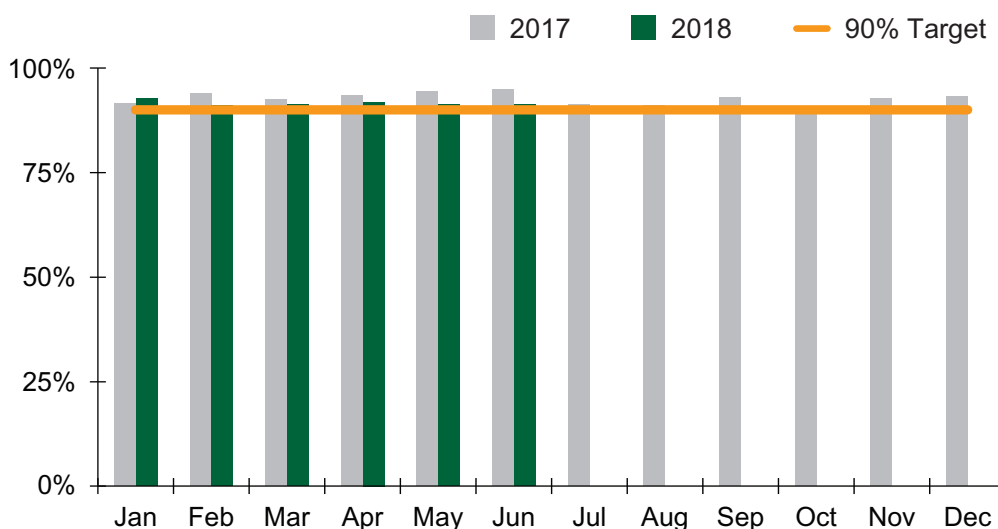


See Notes on page 35 for additional comments on the figures shown.

## Hedland Health Campus

June 2018		Compared to June 2017		
1,854	total emergency department attendances	↑	8.5%	increase of 145 more emergency department attendances
91.4%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	3.6%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
61.6%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	18.4%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
60.0%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	9.2%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
96.1%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	1.7%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
0.0%	in-hospital mortality for admissions from emergency department	↓	0.4%	decrease in in-hospital mortality for admissions from emergency department

**Figure 20: Hedland Health Campus – Percentage of ED attendances with length of episode of four hours or less**

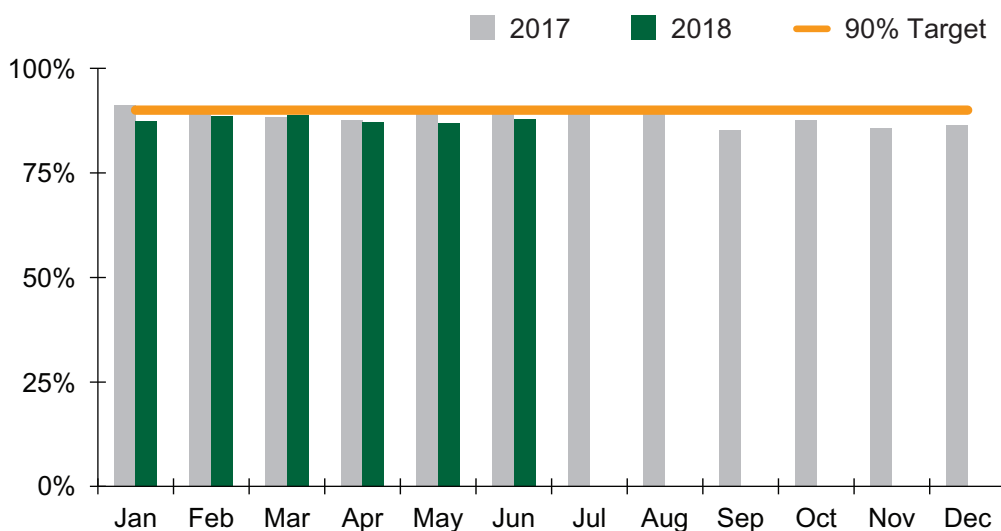


See Notes on page 35 for additional comments on the figures shown.

## Kalgoorlie Hospital

June 2018		Compared to June 2017		
1,931	total emergency department attendances	↓	5.2%	decrease or 106 less emergency department attendances
87.8%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	1.6%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
60.9%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	0.7%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
88.2%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	22.6%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
93.7%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	1.5%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
0.8%	in-hospital mortality for admissions from emergency department	↓	0.7%	decrease in in-hospital mortality for admissions from emergency department

**Figure 21: Kalgoorlie Hospital – Percentage of ED attendances with length of episode of four hours or less**

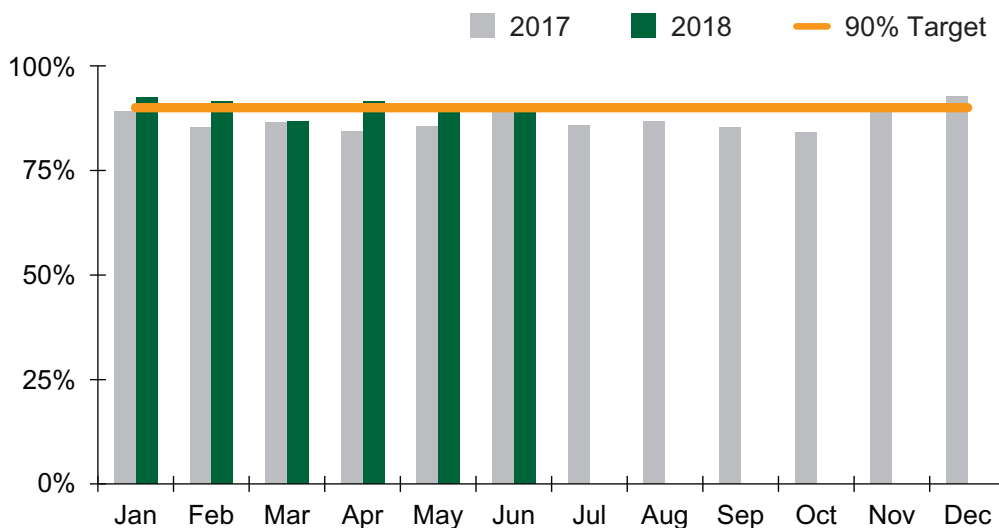


See Notes on page 35 for additional comments on the figures shown.

## Kununurra Hospital

June 2018		Compared to June 2017		
1,052	total emergency department attendances	↓	6.7%	decrease or 76 less emergency department attendances
89.7%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	0.4%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
53.4%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	5.1%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
47.1%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	17.1%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
95.8%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	1.4%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
0.0%	in-hospital mortality for admissions from emergency department	↓	0.7%	decrease in in-hospital mortality for admissions from emergency department

**Figure 22: Kununurra Hospital – Percentage of ED attendances with length of episode of four hours or less**

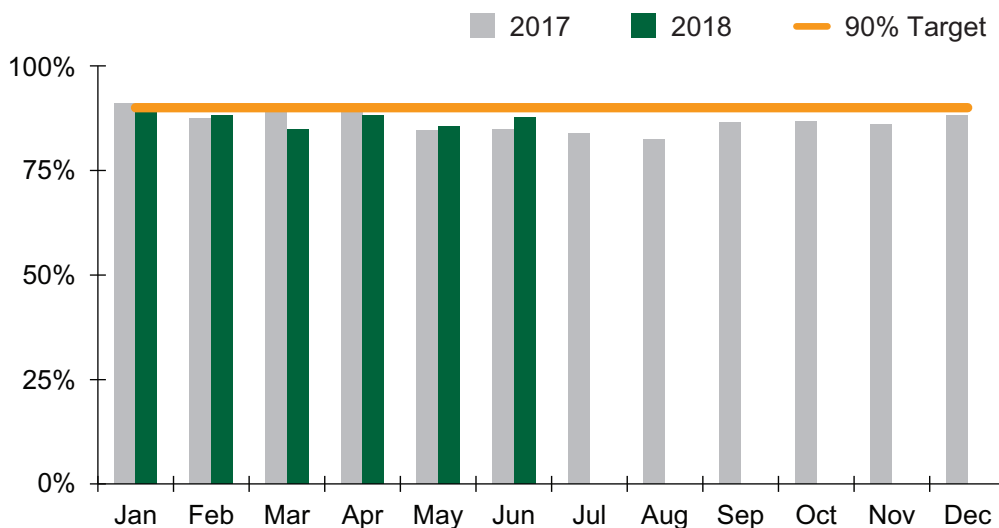


See Notes on page 35 for additional comments on the figures shown.

## Narrogin Hospital

June 2018		Compared to June 2017		
563	total emergency department attendances	↓	9.5%	decrease or 59 less emergency department attendances
87.6%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	2.7%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
76.4%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	11.9%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
42.9%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	14.3%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
92.6%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	1.0%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
2.7%	in-hospital mortality for admissions from emergency department	↓	1.9%	increase in in-hospital mortality for admissions from emergency department

**Figure 23: Narrogin Hospital – Percentage of ED attendances with length of episode of four hours or less**



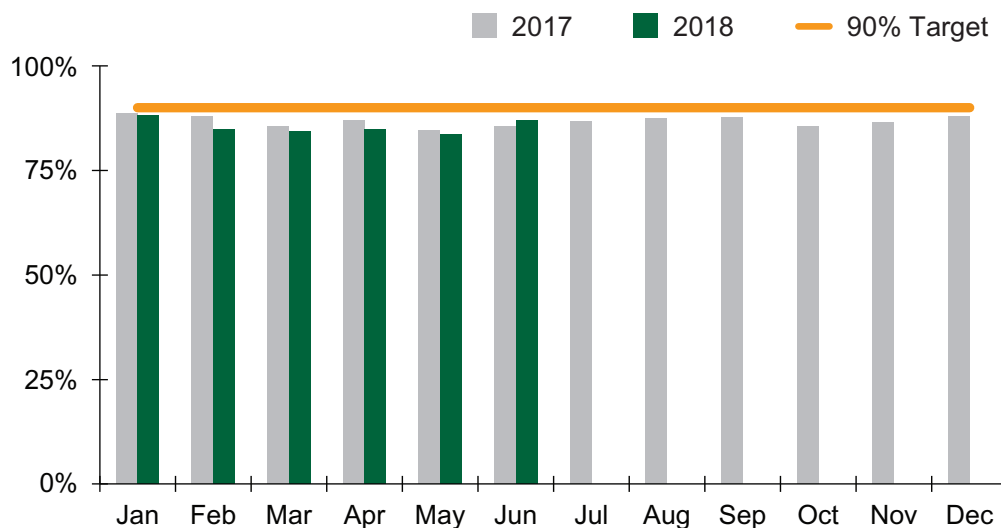
See Notes on page 35 for additional comments on the figures shown.



## Nickol Bay Hospital

June 2018		Compared to June 2017		
1,568	total emergency department attendances	↑	3.4%	increase of 52 more emergency department attendances
86.9%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	1.4%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
37.2%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	9.3%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
37.5%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	1.9%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
93.4%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	1.7%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
0.0%	in-hospital mortality for admissions from emergency department	↓	1.2%	decrease in in-hospital mortality for admissions from emergency department

**Figure 24: Nickol Bay Hospital – Percentage of ED attendances with length of episode of four hours or less**

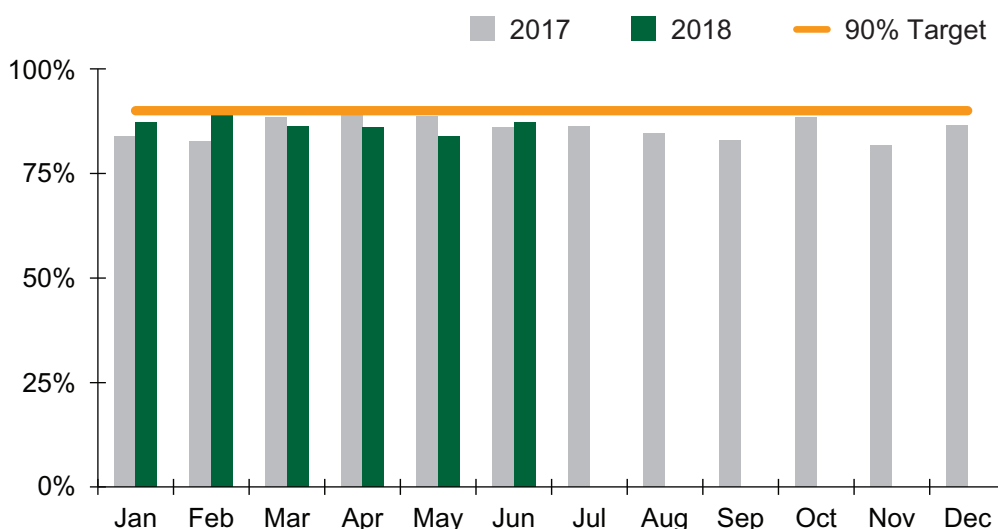


See Notes on page 35 for additional comments on the figures shown.

## Northam Hospital

June 2018		Compared to June 2017		
923	total emergency department attendances	↑	6.2%	increase of 54 more emergency department attendances
87.1%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	1.1%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
64.7%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	11.6%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
73.6%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	1.6%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
91.9%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	0.3%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
1.9%	in-hospital mortality for admissions from emergency department	↓	0.6%	decrease in in-hospital mortality for admissions from emergency department

**Figure 25: Northam Hospital – Percentage of ED attendances with length of episode of four hours or less**



See Notes on page 35 for additional comments on the figures shown.

## Notes:

Figures shown in the tables are preliminary and subject to change due to record review.

The target for all sites is 90% for 2018 and has been implemented as a part of the Western Australia Emergency Access Target (WEAT).

WA health system refers to the public health system in WA as defined in Section 19(1) of the *Health Services Act 2016*. The WA health system comprises the Department of Health, Health Service Providers and contracted health entities 'CHE' (to the extent that CHE provide health services to the State).

- \* Contracted Health Entities are Joondalup Health Campus, Peel Health Campus and SJOG Midland Hospital.
- # Figures are rounded to one decimal place. The variance is calculated using actual numbers that contain more than one decimal place, therefore the variance presented may be slightly different to those calculated using the rounded figures.
- <sup>1</sup> Length of Episode refers to the duration in the emergency department which is counted from the time the patient presents to a staff member (nurse, clerk, etc.) to the time the patient leaves the emergency department.

## Western Australia Emergency Access Target (WEAT) – Reporting Data Definitions and Business Rules

### 1: Emergency department attendances

<b>Definition:</b>	The total number of all emergency department (ED) attendances.
<b>Guide for use:</b>	Includes all episodes where a patient presented at the emergency department and was registered in any manner in one of the electronic data collection systems.
<b>Purpose:</b>	To provide a fundamental measure of activity levels within emergency departments.
<b>Includes:</b>	All participating WEAT hospitals. Refer to page 2.
<b>Excludes:</b>	All other public and private hospitals.
<b>Data source:</b>	Purchasing and System Performance Division, Department of Health, WA.
<b>Data extraction:</b>	Emergency Department Data Collection (EDDC) (10/07/2018).
<b>Report prepared by:</b>	Purchasing and System Performance Division, Department of Health, WA.

### 2: Emergency department attendances with length of episode (LOE) of four hours or less

<b>Definition:</b>	The percentage of all emergency department attendances where the time to admit, transfer or discharge the patient from the emergency department was within four hours of their presentation.
<b>Guide for use:</b>	Includes all valid attendances. Excludes patients that had an invalid presentation or departure time. Data is expressed as a percentage. Length of episode is counted from the time the patient presents to a staff member (nurse, clerk, etc.) to the time the patient leaves the emergency department.
<b>Purpose:</b>	To monitor and improve timely access to emergency care for all emergency department attendances.
<b>Includes:</b>	All participating WEAT hospitals. Refer to page 2.
<b>Excludes:</b>	All other public and private hospitals.
<b>Data source:</b>	Purchasing and System Performance Division, Department of Health, WA.
<b>Data extraction:</b>	Emergency Department Data Collection (EDDC) (10/07/2018).
<b>Report prepared by:</b>	Purchasing and System Performance Division, Department of Health, WA.

**3: Emergency department admissions with length of episode (LOE) of four hours or less**

<b>Definition:</b>	The percentage of all admissions from the emergency department where the time to admit the patient to a ward was within four hours of their presentation.
<b>Guide for use:</b>	<p>An admission process is the process whereby the hospital accepts responsibility for the patient's care and/or treatment.</p> <p>Includes all attendances that were admitted.</p> <p>Excludes patients that had an invalid presentation or departure time.</p> <p>Data is expressed as a percentage.</p> <p>Length of episode is counted from the time the patient presents to a staff member (nurse, clerk, etc.) to the time the patient leaves the emergency department by being admitted to a ward (including Short Stay Unit).</p>
<b>Purpose:</b>	To monitor and improve timely access to emergency care for emergency department patients who are admitted to a hospital inpatient ward.
<b>Includes:</b>	All participating WEAT hospitals. Refer to page 2.
<b>Excludes:</b>	All other public and private hospitals.
<b>Data source:</b>	Purchasing and System Performance Division, Department of Health, WA.
<b>Data extraction:</b>	Emergency Department Data Collection (EDDC) (10/07/2018).
<b>Report prepared by:</b>	Purchasing and System Performance Division, Department of Health, WA.

**4: Emergency department transfers with length of episode (LOE) of four hours or less**

<b>Definition:</b>	The percentage of all emergency department transfers where the time to transfer the patient to another hospital was within four hours of their presentation.
<b>Guide for use:</b>	<p>Includes all attendances that were transferred to another hospital on ED departure.</p> <p>Excludes records with an invalid presentation or departure time.</p> <p>Data is expressed as a percentage.</p> <p>Length of episode is counted from the time the patient presents to a staff member (nurse, clerk, etc.) to the time the patient leaves the emergency department to be transferred to another hospital.</p>
<b>Purpose:</b>	To monitor and improve timely access to emergency care for emergency department patients who are transferred to another hospital.
<b>Includes:</b>	All participating WEAT hospitals. Refer to page 2.
<b>Excludes:</b>	All other public and private hospitals.
<b>Data source:</b>	Purchasing and System Performance Division, Department of Health, WA.
<b>Data extraction:</b>	Emergency Department Data Collection (EDDC) (10/07/2018).
<b>Report prepared by:</b>	Purchasing and System Performance Division, Department of Health, WA.

**5: Emergency department departures with length of episode (LOE) of four hours or less**

<b>Definition:</b>	The percentage of emergency attendances who were discharged to home within four hours of their presentation.
<b>Guide for use:</b>	Includes all attendances that were not admitted or transferred. Excludes records with an invalid presentation or departure time. Data is expressed as a percentage. Length of episode is counted from the time the patient presents to a staff member (nurse, clerk, etc.) to the time the patient is discharged from the emergency department.
<b>Purpose:</b>	To monitor and improve timely access to emergency care for emergency department patients who are discharged to home.
<b>Includes:</b>	All participating WEAT hospitals. Refer to page 2.
<b>Excludes:</b>	All other public and private hospitals.
<b>Data source:</b>	Purchasing and System Performance Division, Department of Health, WA.
<b>Data extraction:</b>	Emergency Department Data Collection (EDDC) (10/07/2018).
<b>Report prepared by:</b>	Purchasing and System Performance Division, Department of Health, WA.

**6: Percentage of in hospital mortality for admissions from emergency department**

<b>Definition:</b>	The percentage of hospital inpatients who were admitted from emergency department and subsequently deceased during the hospital stay.
<b>Guide for use:</b>	Excludes patients that are deceased in the emergency department who are not admitted and patients directly admitted to a hospital ward.
<b>Purpose:</b>	To monitor and improve quality of care for patients who are admitted to a hospital inpatient ward from emergency department.
<b>Includes:</b>	All participating WEAT hospitals. Refer to page 2.
<b>Excludes:</b>	All other public and private hospitals.
<b>Data source:</b>	Purchasing and System Performance Division, Department of Health, WA.
<b>Data extraction:</b>	Inpatient Activity (09/07/2018).
<b>Report prepared by:</b>	Purchasing and System Performance Division, Department of Health, WA.

This document can be made available in alternative formats on request for a person with disability.

Produced by Purchasing and System Performance Division  
© Department of Health 2018

Copyright to this material is vested in the State of Western Australia unless otherwise indicated. Apart from any fair dealing for the purposes of private study, research, criticism or review, as permitted under the provisions of the *Copyright Act 1968*, no part may be reproduced or re-used for any purposes whatsoever without written permission of the State of Western Australia.