



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

# Western Australia Emergency Access Target

## Performance Monthly Report

July 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 July 2018:

- The statewide number of ED attendances increased by 2.1% (1,598) from July 2017 (75,583) to July 2018 (77,181).
- The statewide WEAT performance decreased from 76.7% for July 2017 to 75.6% for July 2018.
- The table of WEAT performance by HSP and hospital (page 4) shows that:
  - At HSP level, WACHS (85.2%) was close to achieving target of 90%.
  - There was a significant improvement in WEAT performance for the month of July 2018 compared to July 2017 at the following hospitals:
    - Armadale Hospital: 77.4% compared to 70.2%
    - Joondalup Health Campus: 69.8% compared to 65.0%.
    - Peel Health Campus: 68.9% compared to 65.4%.
    - Carnarvon Hospital: 88.5% compared to 83.1%.
    - Geraldton Hospital: 85.6% compared to 79.0%.
    - Kununurra Hospital: 90.9% compared to 85.7%.

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 34) and the WEAT Reporting Data Definitions and Business Rules (pages 35 to 37) for information on how to interpret the figures in this report.

## Western Australian Emergency Access Target Performance – July 2018

Health Service Provider	Number of Emergency Department Attendances				Percentage of Emergency Department Attendances with Length of Episode of Four Hours or Less			
	July 2017	July 2018	Variance		July 2017	July 2018	Variance <sup>#</sup>	
<b>Child and Adolescent Health Service (CAHS)</b>								
Perth Children's Hospital/PMH	5,265	5,507	↑	4.6%	86.9%	82.9%	↓	4.0%
<b>Total CAHS</b>	<b>5,265</b>	<b>5,507</b>	<b>↑</b>	<b>4.6%</b>	<b>86.9%</b>	<b>82.9%</b>	<b>↓</b>	<b>4.0%</b>
<b>East Metropolitan Health Service (EMHS)</b>								
Royal Perth Hospital	5,985	6,025	↑	0.7%	74.1%	71.8%	↓	2.3%
Armadale Hospital	4,670	4,842	↑	3.7%	70.2%	77.4%	↑	7.1%
SJOG Midland Public Hospital	5,769	6,053	↑	4.9%	72.8%	74.4%	↑	1.6%
<b>Total EMHS</b>	<b>16,424</b>	<b>16,920</b>	<b>↑</b>	<b>3.0%</b>	<b>72.5%</b>	<b>74.3%</b>	<b>↑</b>	<b>1.8%</b>
<b>North Metropolitan Health Service (NMHS)</b>								
Sir Charles Gairdner Hospital	5,554	5,863	↑	5.6%	72.9%	64.9%	↓	7.9%
King Edward Memorial Hospital	1,004	863	↓	14.0%	94.0%	94.1%	↑	0.1%
Joondalup Health Campus	7,941	8,342	↑	5.0%	65.0%	69.8%	↑	4.7%
<b>Total NMHS</b>	<b>14,499</b>	<b>15,068</b>	<b>↑</b>	<b>3.9%</b>	<b>70.1%</b>	<b>69.3%</b>	<b>↓</b>	<b>0.8%</b>
<b>South Metropolitan Health Service (SMHS)</b>								
Fiona Stanley Hospital	8,878	8,977	↑	1.1%	73.2%	61.9%	↓	11.3%
Rockingham General Hospital	4,483	4,729	↑	5.5%	78.8%	76.4%	↓	2.5%
Peel Health Campus	3,503	3,325	↓	5.1%	65.4%	68.9%	↑	3.6%
<b>Total SMHS</b>	<b>16,864</b>	<b>17,031</b>	<b>↑</b>	<b>1.0%</b>	<b>73.0%</b>	<b>67.3%</b>	<b>↓</b>	<b>5.8%</b>
<b>WA Country Health Service (WACHS)</b>								
Albany Hospital	2,127	1,979	↓	7.0%	87.2%	85.9%	↓	1.3%
Broome Hospital	2,239	2,027	↓	9.5%	83.4%	85.2%	↑	1.9%
Bunbury Hospital	3,210	3,259	↑	1.5%	75.2%	75.2%	↓	0.05%
Busselton Hospital	1,569	1,764	↑	12.4%	85.8%	84.1%	↓	1.7%
Carvarvon Hospital	911	811	↓	11.0%	83.1%	88.5%	↑	5.4%
Derby Hospital	1,169	1,139	↓	2.6%	89.7%	89.5%	↓	0.2%
Esperance Hospital	717	761	↑	6.1%	83.7%	84.9%	↑	1.2%
Geraldton Hospital	2,371	2,420	↑	2.1%	79.0%	85.6%	↑	6.6%
Hedland Health Campus	1,791	1,972	↑	10.1%	91.3%	91.3%	↑	0.04%
Kalgoorlie Hospital	2,032	2,026	↓	0.3%	90.0%	88.1%	↓	1.8%
Kununurra Hospital	1,262	1,244	↓	1.4%	85.7%	90.9%	↑	5.2%
Narrogin Hospital	599	628	↑	4.8%	83.8%	81.2%	↓	2.6%
Nickol Bay Hospital	1,662	1,654	↓	0.5%	86.8%	88.1%	↑	1.3%
Northam Hospital	872	971	↑	11.4%	86.2%	81.4%	↓	4.9%
<b>Total WACHS</b>	<b>22,531</b>	<b>22,655</b>	<b>↑</b>	<b>0.6%</b>	<b>84.3%</b>	<b>85.2%</b>	<b>↑</b>	<b>0.8%</b>
<b>Statewide</b>	<b>75,583</b>	<b>77,181</b>	<b>↑</b>	<b>2.1%</b>	<b>76.7%</b>	<b>75.6%</b>	<b>↓</b>	<b>1.1%</b>
<b>Statewide (excluding Contracted Health Entities*)</b>	<b>58,370</b>	<b>59,461</b>	<b>↑</b>	<b>1.9%</b>	<b>79.3%</b>	<b>76.9%</b>	<b>↓</b>	<b>2.5%</b>
<b>Contracted Health Entities</b>	<b>17,213</b>	<b>17,720</b>	<b>↑</b>	<b>2.9%</b>	<b>67.7%</b>	<b>71.2%</b>	<b>↑</b>	<b>3.5%</b>

Data prior to June 2018 represents Princess Margaret Hospital and data from July 2018 represents Perth Children's Hospital. The June 2018 figure represents data for both hospitals combined.



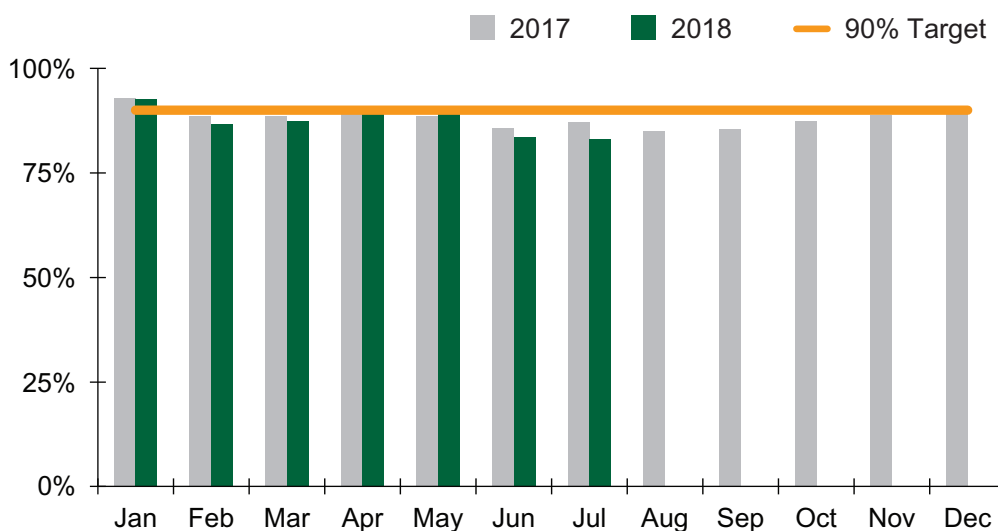
## **Child and Adolescent Health Service**

Perth Children's Hospital /  
Princess Margaret Hospital

## Perth Children's Hospital/Princess Margaret Hospital for Children

July 2018		Compared to July 2017		
5,507	total emergency department attendances	↑	4.6%	increase of 242 more emergency department attendances
82.9%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	4.0%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
51.7%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	13.9%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
70.0%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	6.5%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
91.4%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	2.1%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
0.3%	in-hospital mortality for admissions from emergency department	↑	0.2%	increase in in-hospital mortality for admissions from emergency department

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



See Notes on page 34 for additional comments on the figures shown.



## **East Metropolitan Health Service**

Royal Perth Hospital

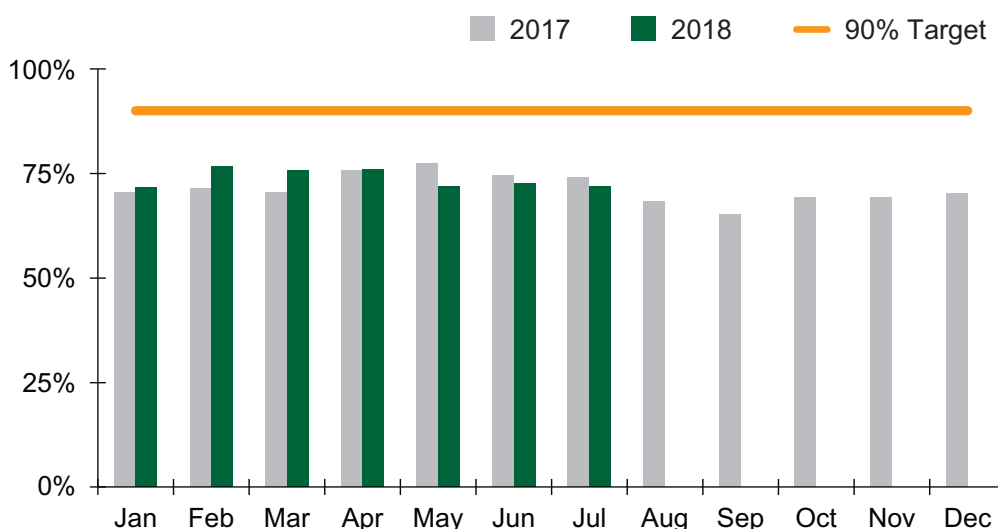
Armadale Hospital

St John of God Midland  
Public Hospital

## Royal Perth Hospital

July 2018		Compared to July 2017		
6,025	total emergency department attendances	↑	0.7%	increase of 40 more emergency department attendances
71.8%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	2.3%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
55.8%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	4.9%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
48.4%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	5.8%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
87.1%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	2.5%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
1.5%	in-hospital mortality for admissions from emergency department	↓	0.1%	decrease in in-hospital mortality for admissions from emergency department

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



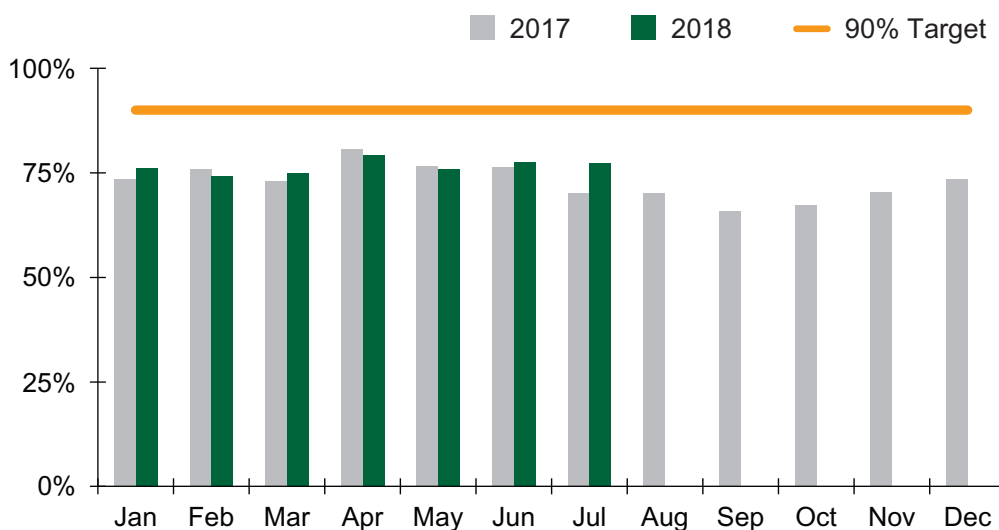
See Notes on page 34 for additional comments on the figures shown.



## Armadale Hospital

July 2018		Compared to July 2017		
4,842	total emergency department attendances	↑	3.7%	increase of 172 more emergency department attendances
77.4%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	7.1%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
35.6%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	9.0%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
44.1%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	4.1%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
86.7%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	6.3%	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	↑	0.1%	increase in in-hospital mortality for admissions from emergency department

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

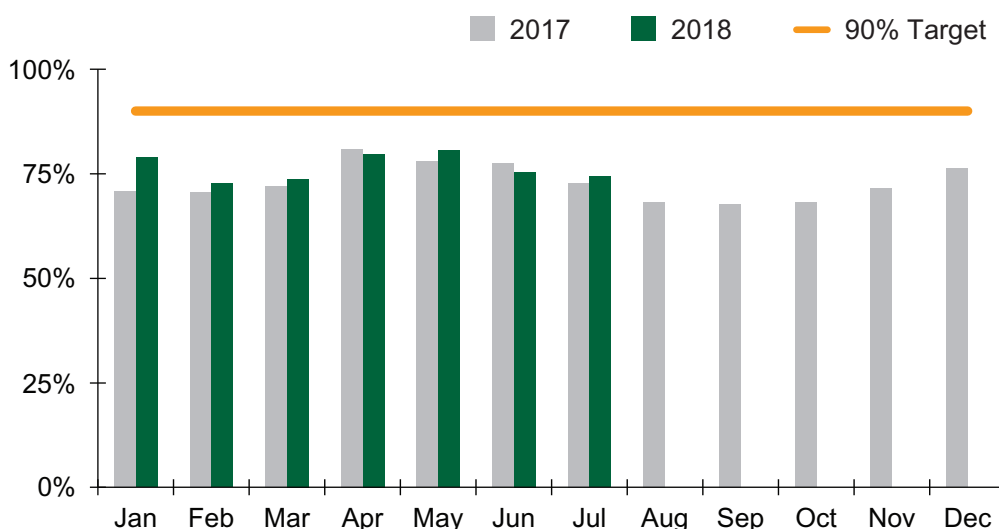


See Notes on page 34 for additional comments on the figures shown.

## St John of God Midland Public Hospital

July 2018		Compared to July 2017		
6,053	total emergency department attendances	↑	4.9%	increase of 284 more emergency department attendances
74.4%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	1.6%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
55.1%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	5.3%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
60.3%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	9.2%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
83.6%	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>
1.0%	in-hospital mortality for admissions from emergency department	↓	0.6%	decrease in in-hospital mortality for admissions from emergency department

**Figure 4: St John of God Midland Public Hospital – Percentage of ED attendances with length of episode of four hours or less**



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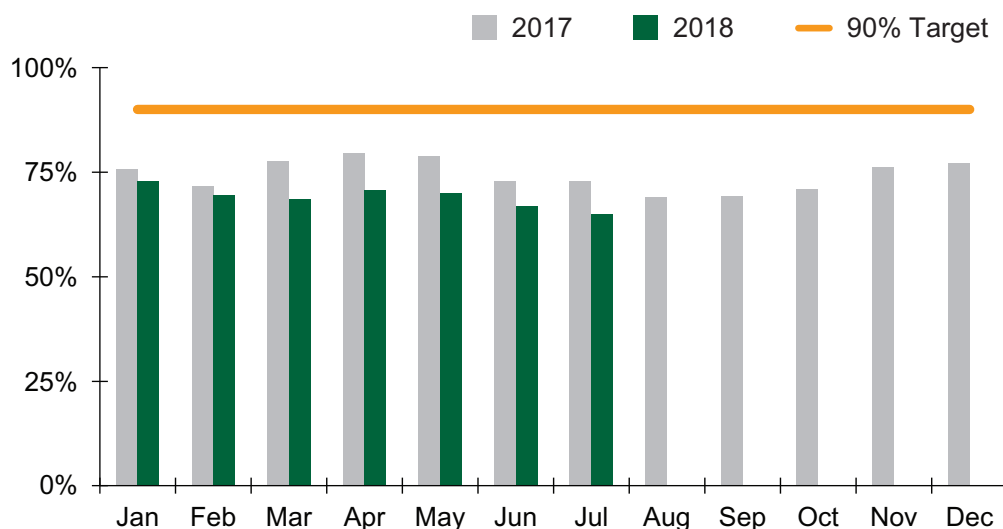
## **North Metropolitan Health Service**

Sir Charles Gairdner Hospital  
King Edward Memorial Hospital  
Joondalup Health Campus

## Sir Charles Gairdner Hospital

July 2018		Compared to July 2017		
5,863	total emergency department attendances	↑	5.6%	increase or 309 more emergency department attendances
64.9%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	7.9%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
53.1%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	7.8%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
39.0%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	5.5%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
78.3%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	9.0%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
2.2%	in-hospital mortality for admissions from emergency department	↓	0.2%	decrease in in-hospital mortality for admissions from emergency department

**Figure 5: Sir Charles Gairdner Hospital – Percentage of ED attendances with length of episode of four hours or less**

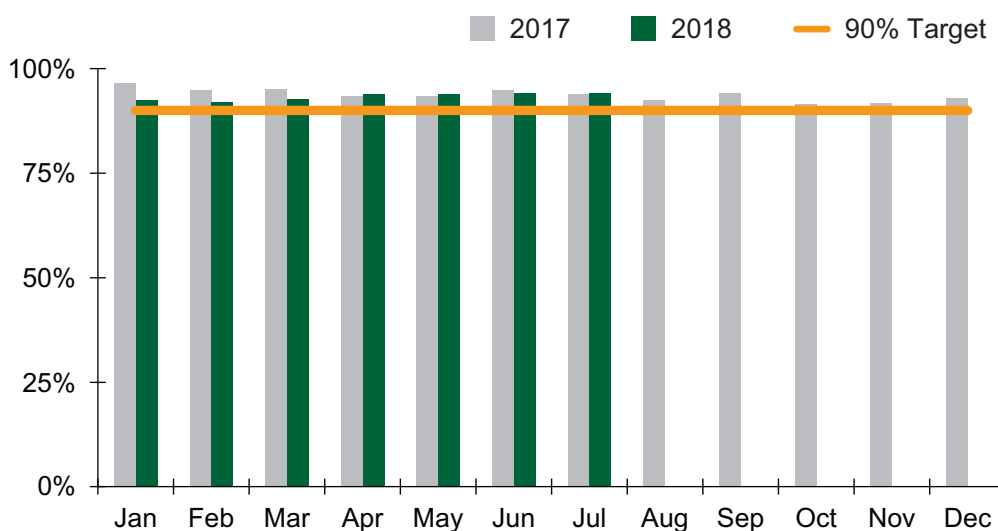


See Notes on page 34 for additional comments on the figures shown.

## King Edward Memorial Hospital

July 2018		Compared to July 2017		
863	total emergency department attendances	↓	14.0%	decrease or 141 less emergency department attendances
94.1%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	0.1%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
85.4%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	7.9%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
88.9%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	7.1%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
95.3%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	0.9%	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 6: King Edward Memorial Hospital – Percentage of ED attendances with length of episode of four hours or less**

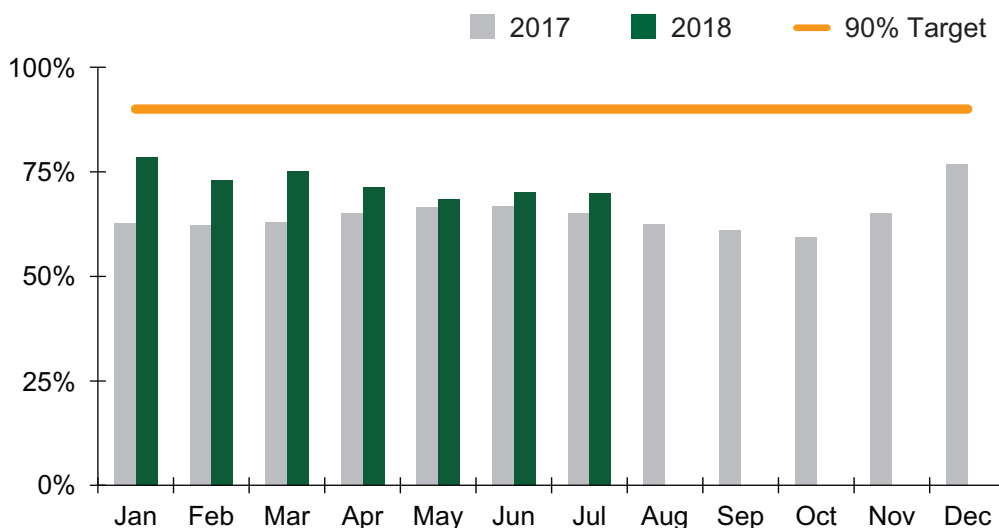


See Notes on page 34 for additional comments on the figures shown.

## Joondalup Health Campus

July 2018		Compared to July 2017		
8,342	total emergency department attendances	↑	5.0%	increase of 401 more emergency department attendances
69.8%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	4.7%	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>	↑	11.3%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
55.1%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	2.6%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
79.8%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	2.7%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
1.1%	in-hospital mortality for admissions from emergency department	↓	0.6%	decrease in in-hospital mortality for admissions from emergency department

**Figure 7: Joondalup Health Campus – Percentage of ED attendances with length of episode of four hours or less**



See Notes on page 34 for additional comments on the figures shown.



## **South Metropolitan Health Service**

Fiona Stanley Hospital

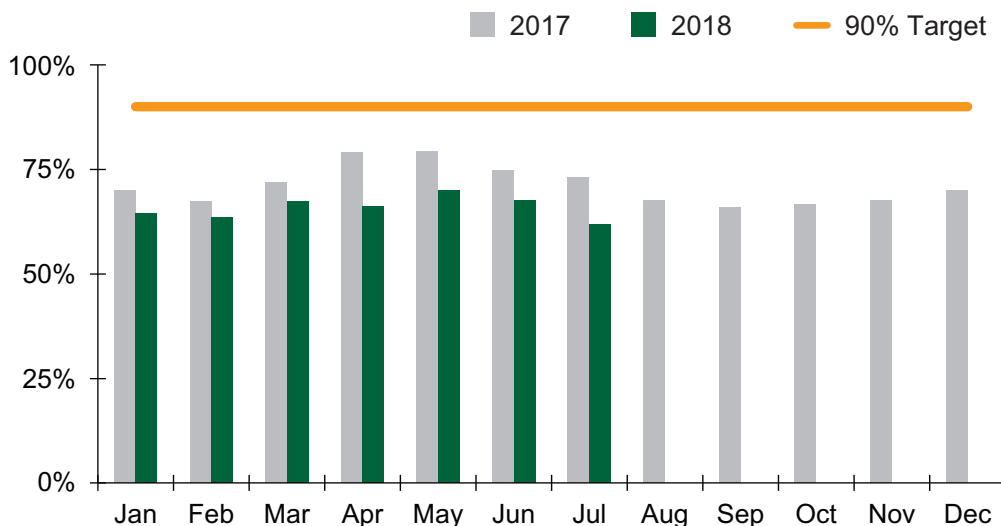
Rockingham General Hospital

Peel Health Campus

## Fiona Stanley Hospital

July 2018		Compared to July 2017		
8,977	total emergency department attendances	↑	1.1%	increase or 99 more emergency department attendances
61.9%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	11.3%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
38.5%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	15.9%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
55.3%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	5.7%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
74.5%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	10.1%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
1.2%	in-hospital mortality for admissions from emergency department	↓	0.7%	decrease in in-hospital mortality for admissions from emergency department

**Figure 8: Fiona Stanley Hospital – Percentage of ED attendances with length of episode of four hours or less**



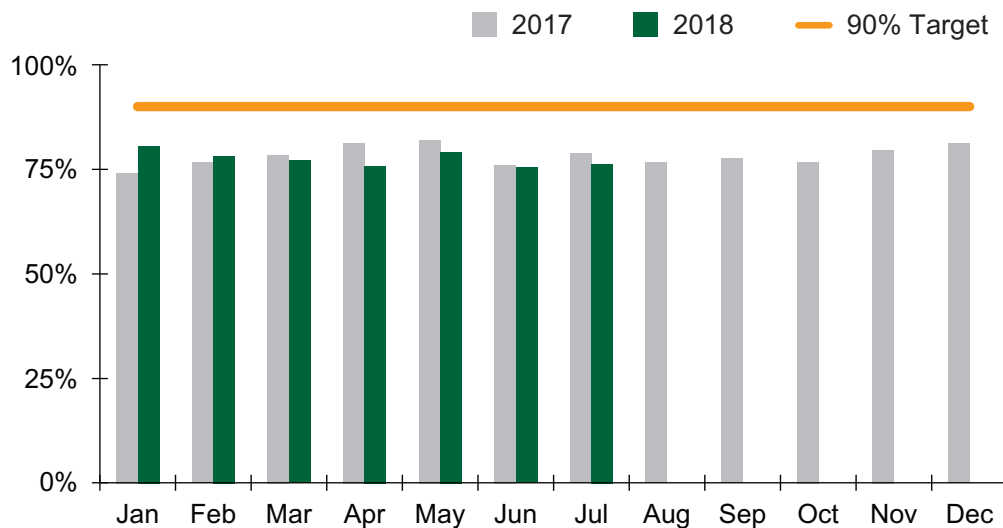
See Notes on page 34 for additional comments on the figures shown.



## Rockingham General Hospital

July 2018		Compared to July 2017		
4,729	total emergency department attendances	↑	5.5%	increase of 246 more emergency department attendances
76.4%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	2.5%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
41.4%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	7.8%	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>	↑	2.1%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
85.7%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	2.4%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
1.0%	in-hospital mortality for admissions from emergency department	↑	0.6%	increase in in-hospital mortality for admissions from emergency department

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

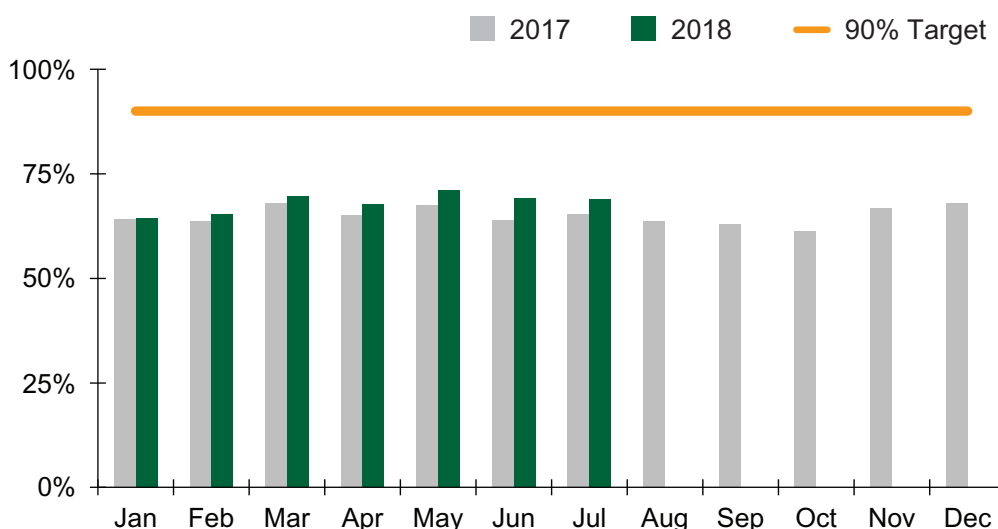


See Notes on page 34 for additional comments on the figures shown.

## Peel Health Campus

July 2018		Compared to July 2017		
3,325	total emergency department attendances	↓	5.1%	decrease or 178 less emergency department attendances
68.9%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	3.6%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
49.1%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	8.9%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
29.1%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	5.1%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
80.0%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	3.4%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
1.6%	in-hospital mortality for admissions from emergency department	↑	0.1%	increase in in-hospital mortality for admissions from emergency department

**Figure 10: Peel Health Campus – Percentage of ED attendances with length of episode of four hours or less**



See Notes on page 34 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

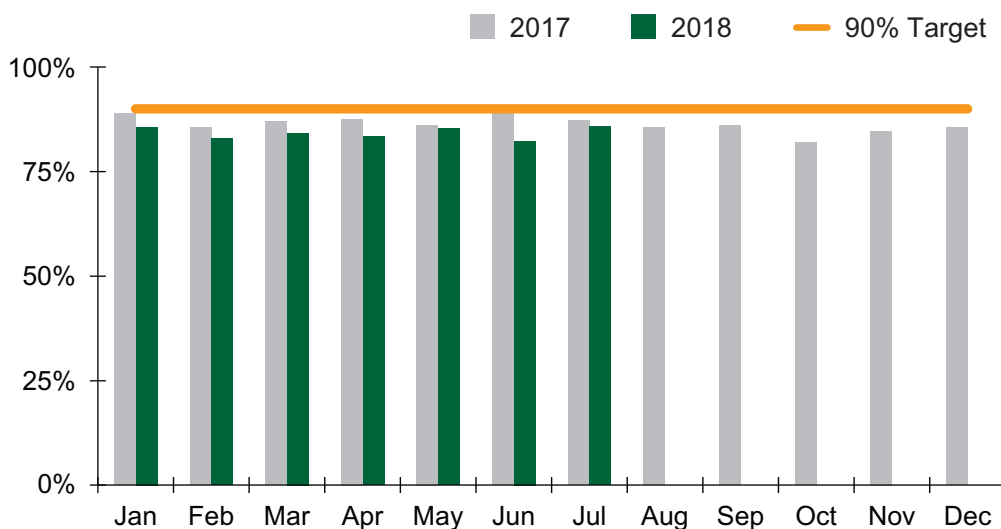
Nickol Bay Hospital

Northam Hospital

## Albany Hospital

July 2018		Compared to July 2017		
1,979	total emergency department attendances	↓	7.0%	decrease or 148 less emergency department attendances
85.9%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	1.3%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
60.1%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	5.2%	decrease 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>	↓	1.3%	decrease 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>	↑	0.4%	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	↑	0.01%	increase in in-hospital mortality for admissions from emergency department

**Figure 11: Albany Hospital – Percentage of ED attendances with length of episode of four hours or less**

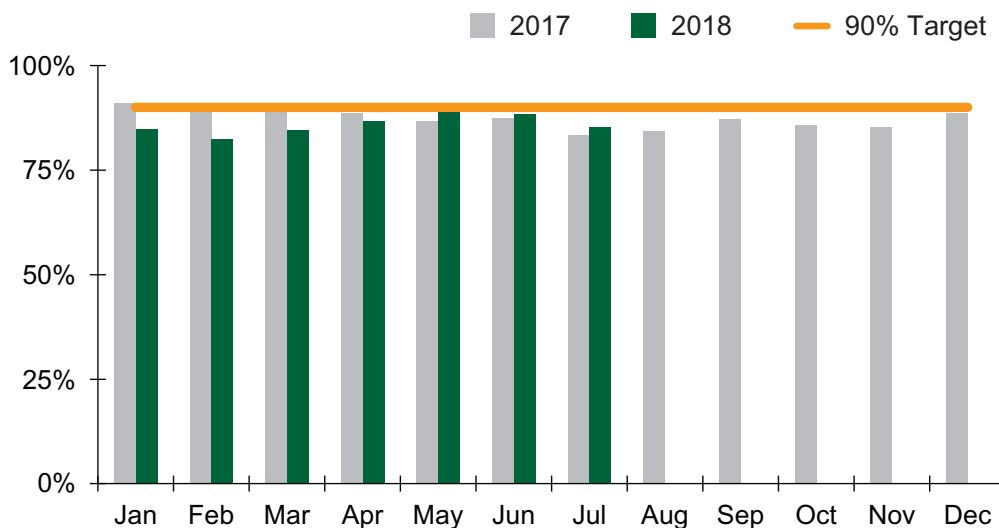


See Notes on page 34 for additional comments on the figures shown.

## Broome Hospital

July 2018		Compared to July 2017		
2,027	total emergency department attendances	↓	9.5%	decrease or 212 less emergency department attendances
85.2%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	1.9%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
47.5%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	4.4%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
57.7%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	14.8%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
93.0%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	3.6%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
0.3%	in-hospital mortality for admissions from emergency department	↓	0.9%	decrease in in-hospital mortality for admissions from emergency department

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

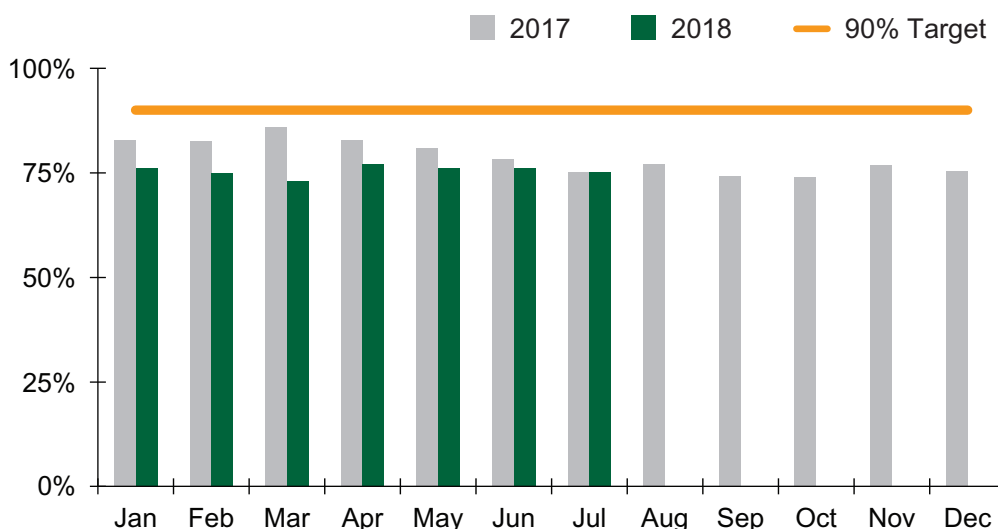


See Notes on page 34 for additional comments on the figures shown.

## Bunbury Regional Hospital

July 2018		Compared to July 2017		
3,259	total emergency department attendances	↑	1.5%	increase of 49 more emergency department attendances
75.2%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	0.05%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
61.7%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	0.01%	increase 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>	↓	6.7%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
81.9%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	0.3%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
0.7%	in-hospital mortality for admissions from emergency department	↓	0.1%	decrease in in-hospital mortality for admissions from emergency department

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

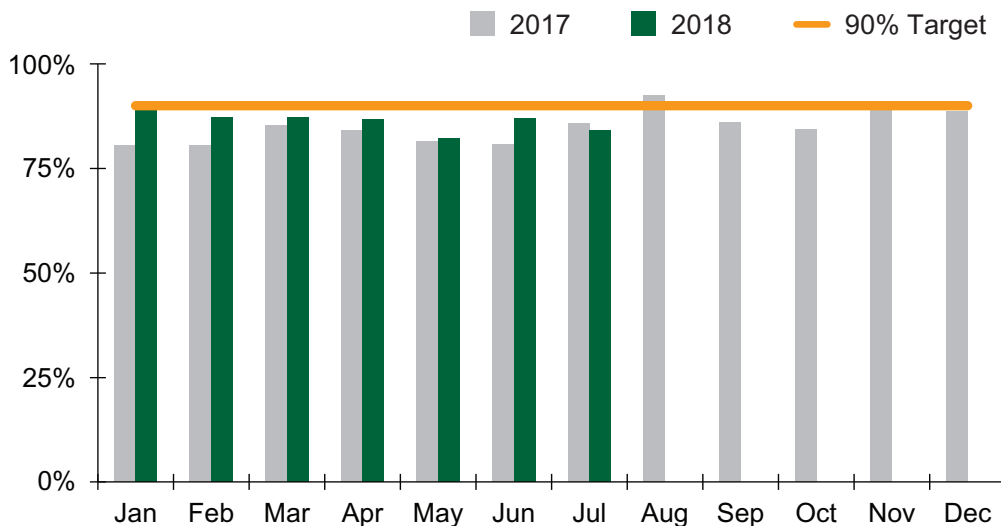


See Notes on page 34 for additional comments on the figures shown.

## Busselton Hospital

July 2018		Compared to July 2017		
1,764	total emergency department attendances	↑	12.4%	increase of 195 more emergency department attendances
84.1%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	1.7%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
45.6%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	4.1%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
55.4%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	2.8%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
90.1%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	2.3%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
3.6%	in-hospital mortality for admissions from emergency department	↑	1.3%	increase in in-hospital mortality for admissions from emergency department

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

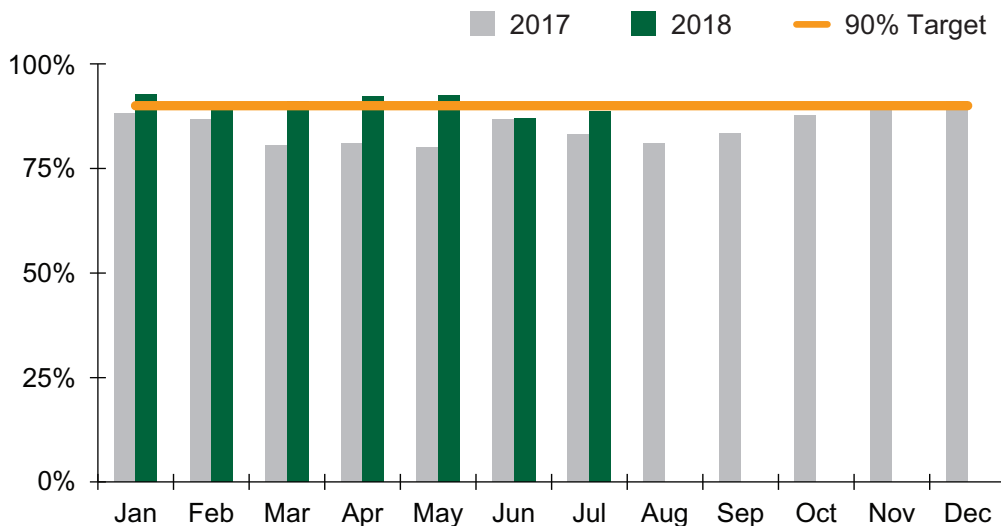


See Notes on page 34 for additional comments on the figures shown.

## Carnarvon Hospital

July 2018		Compared to July 2017		
811	total emergency department attendances	↓	11.0%	decrease or 100 less emergency department attendances
88.5%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	5.4%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
54.3%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	23.2%	increase 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>	↑	7.4%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
93.3%	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>
3.8%	in-hospital mortality for admissions from emergency department	↑	3.8%	increase in in-hospital mortality for admissions from emergency department

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



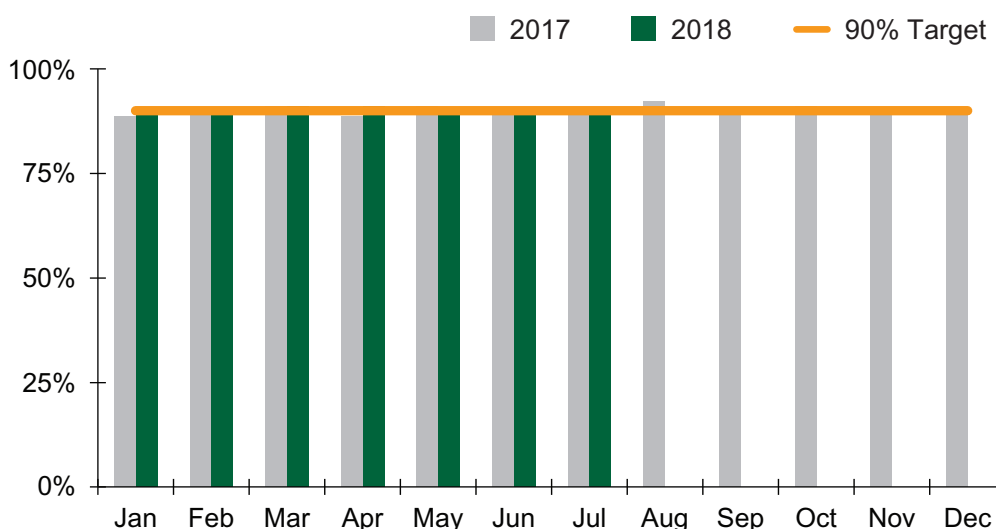
See Notes on page 34 for additional comments on the figures shown.



## Derby Hospital

July 2018		Compared to July 2017		
1,139	total emergency department attendances	↓	2.6%	decrease or 30 less emergency department attendances
89.5%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	0.2%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
60.4%	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>
77.8%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	24.8%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
94.2%	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>
1.3%	in-hospital mortality for admissions from emergency department	↓	0.3%	decrease in in-hospital mortality for admissions from emergency department

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

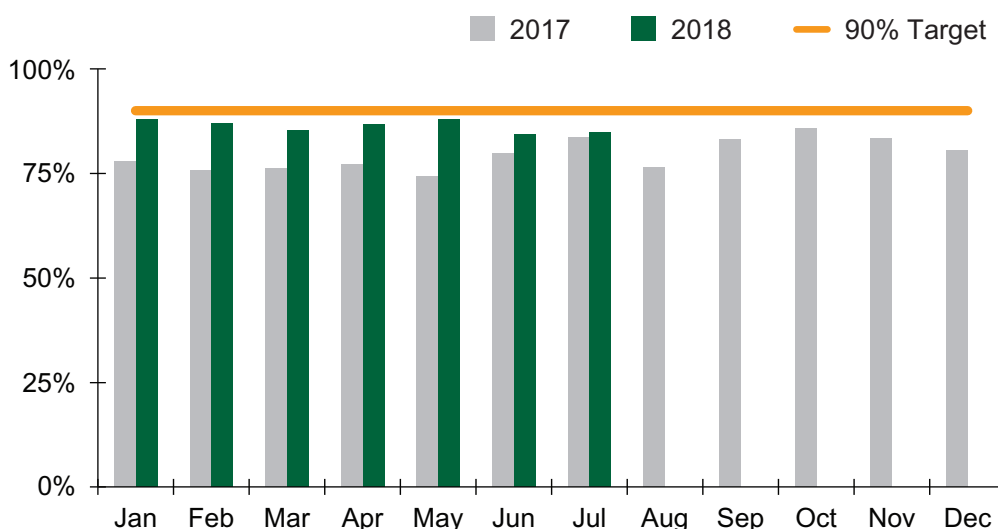


See Notes on page 34 for additional comments on the figures shown.

## Esperance Hospital

July 2018		Compared to July 2017		
761	total emergency department attendances	↑	6.1%	increase of 44 more emergency department attendances
84.9%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	1.2%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
44.0%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	2.1%	increase 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>	↓	5.1%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
92.0%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	0.1%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
1.2%	in-hospital mortality for admissions from emergency department	↓	1.9%	decrease in in-hospital mortality for admissions from emergency department

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

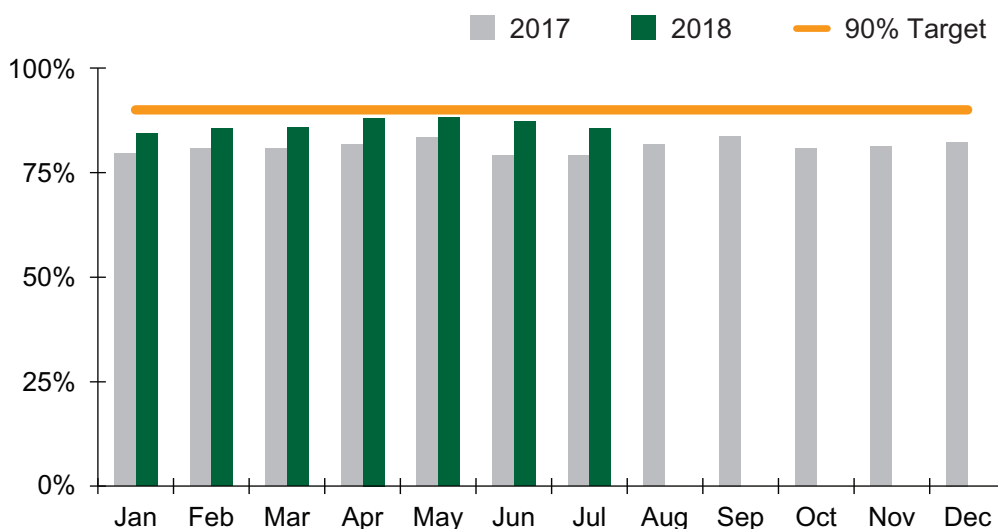


See Notes on page 34 for additional comments on the figures shown.

## Geraldton Hospital

July 2018		Compared to July 2017		
2,420	total emergency department attendances	↑	2.1%	increase of 49 more emergency department attendances
85.6%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	6.6%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
73.8%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	20.6%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
43.5%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	2.9%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
90.2%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	4.0%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
0.5%	in-hospital mortality for admissions from emergency department	↓	0.6%	decrease in in-hospital mortality for admissions from emergency department

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

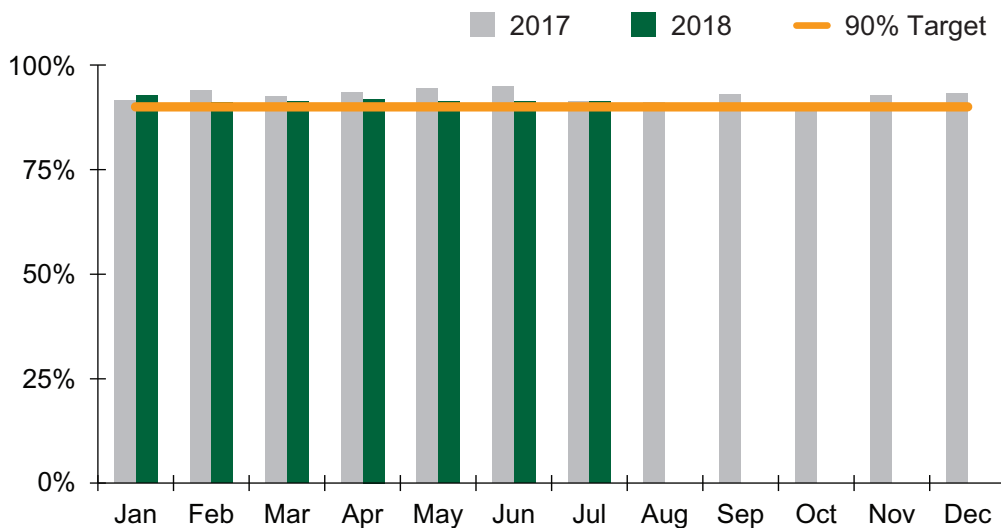


See Notes on page 34 for additional comments on the figures shown.

## Hedland Health Campus

July 2018		Compared to July 2017		
1,972	total emergency department attendances	↑	10.1%	increase or 181 more emergency department attendances
91.3%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	0.04%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
61.3%	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>
43.8%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	3.8%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
96.2%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	0.7%	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	↓	0.8%	decrease in in-hospital mortality for admissions from emergency department

**Figure 19: Hedland Health Campus – Percentage of ED attendances with length of episode of four hours or less**

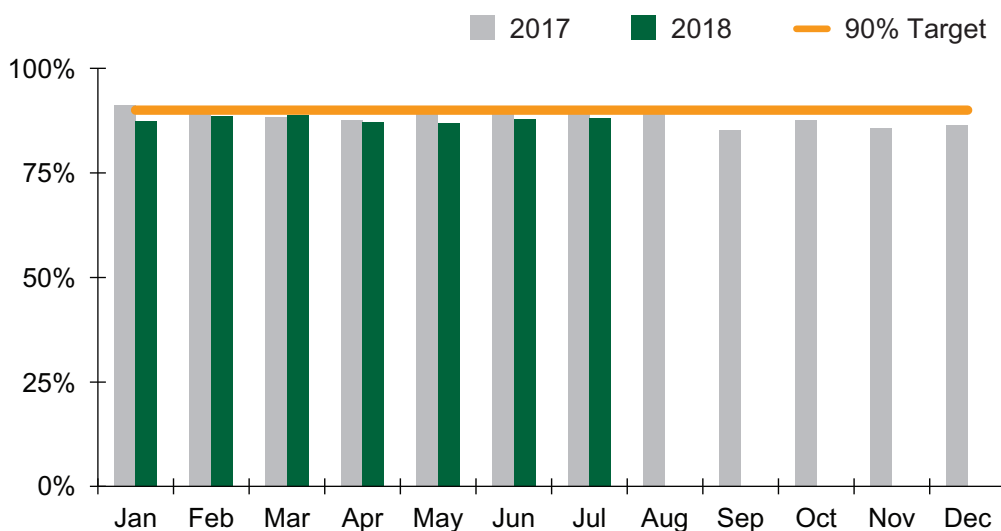


See Notes on page 34 for additional comments on the figures shown.

## Kalgoorlie Hospital

July 2018		Compared to July 2017		
2,026	total emergency department attendances	↓	0.3%	decrease or 6 less emergency department attendances
88.1%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	1.8%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
62.5%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	2.8%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
62.5%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	1.8%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
93.5%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	3.0%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
1.0%	in-hospital mortality for admissions from emergency department	↓	0.6%	decrease in in-hospital mortality for admissions from emergency department

**Figure 20: Kalgoorlie Hospital – Percentage of ED attendances with length of episode of four hours or less**

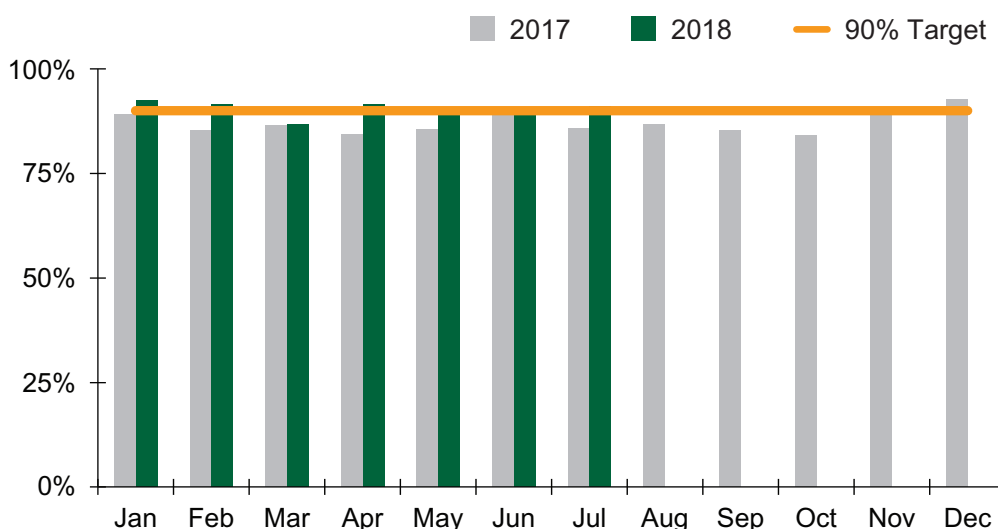


See Notes on page 34 for additional comments on the figures shown.

## Kununurra Hospital

July 2018		Compared to July 2017		
1,244	total emergency department attendances	↓	1.4%	decrease or 18 less emergency department attendances
90.9%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	5.2%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
57.1%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	10.1%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
58.8%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	44.5%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
95.5%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	4.0%	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	↑	0.8%	increase in in-hospital mortality for admissions from emergency department

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

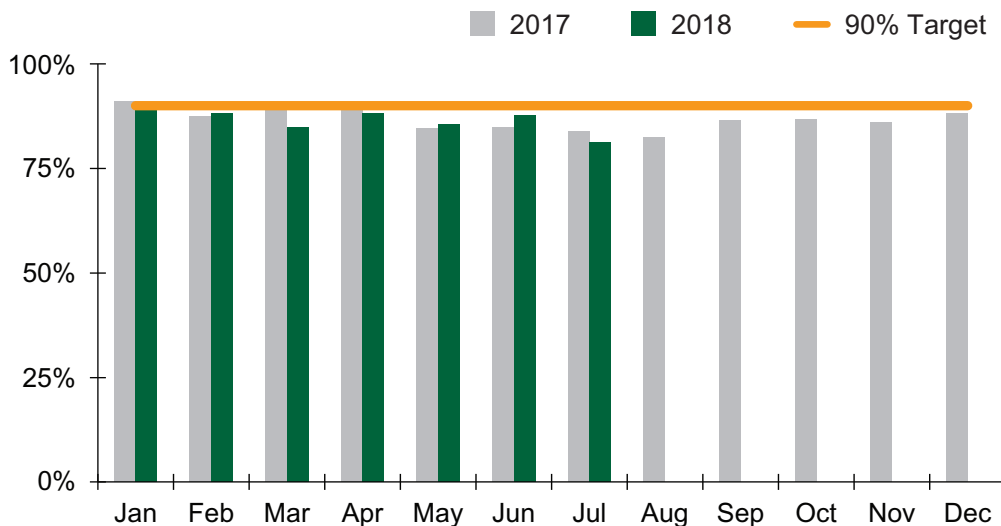


See Notes on page 34 for additional comments on the figures shown.

## Narrogin Hospital

July 2018		Compared to July 2017		
628	total emergency department attendances	↑	4.8%	increase of 29 more emergency department attendances
81.2%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	2.6%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
58.6%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	0.5%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
40.7%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	13.8%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
90.8%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	0.9%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
2.0%	in-hospital mortality for admissions from emergency department	↓	1.2%	decrease in in-hospital mortality for admissions from emergency department

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

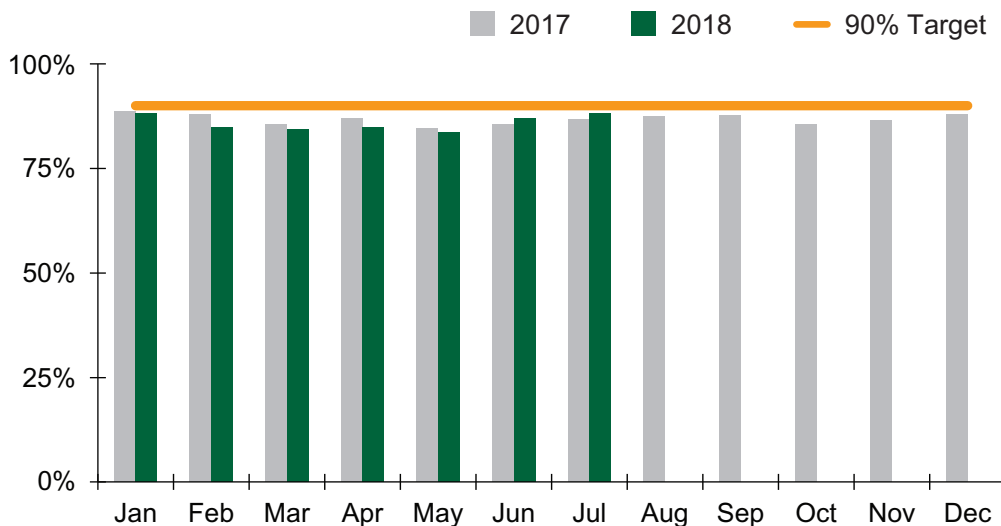


See Notes on page 34 for additional comments on the figures shown.

## Nickol Bay Hospital

July 2018		Compared to July 2017		
1,654	total emergency department attendances	↓	0.5%	decrease or 8 less emergency department attendances
88.1%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	1.3%	increase 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>	↑	14.6%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
40.9%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	8.9%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
92.4%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	0.9%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
1.2%	in-hospital mortality for admissions from emergency department	↓	0.01%	decrease in in-hospital mortality for admissions from emergency department

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



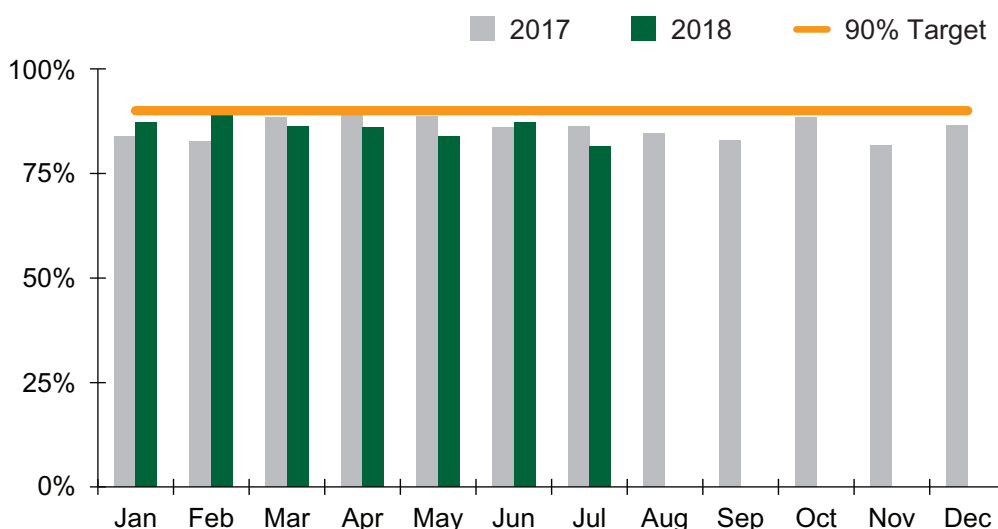
See Notes on page 34 for additional comments on the figures shown.



## Northam Hospital

July 2018		Compared to July 2017		
971	total emergency department attendances	↑	11.4%	increase of 99 more emergency department attendances
81.4%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	4.9%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
55.9%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	9.8%	decrease 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>	↓	3.3%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
87.5%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	3.4%	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	↓	3.8%	decrease in in-hospital mortality for admissions from emergency department

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



See Notes on page 34 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) (14/08/2018).
<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) (14/08/2018).
<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) (14/08/2018).
<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) (14/08/2018).
<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) (14/08/2018).
<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 (13/08/2018).
<b>Report prepared by:</b>	Purchasing and System Performance Division, Department of Health, WA.

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