



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

# Western Australia Emergency Access Target

## Performance Monthly Report

June 2019



## 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 Health Service 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, Karratha Health Campus, Kununurra Hospital, Narrogin 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 2017–18, Western Australia was the best performing state 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 2019:

- The statewide number of ED attendances increased by 14.2% (10,726) from June 2018 (75,366) compared to June 2019 (86,092).
- The statewide WEAT performance decreased from 76.7% for June 2018 compared to 73.0% for June 2019.
- The table of WEAT performance by HSP and hospital ([page 4](#)) shows that:
  - At HSP level, CAHS (85.3%) was closest to achieving the target of 90%.
  - There was an improvement in WEAT performance from June 2018 when compared to June 2019 at the following hospitals:
    - Perth Children's Hospital/PMH: 83.4% compared to 85.3%.
    - Fiona Stanley Hospital: 67.6% compared to 72.3%.
    - Rockingham General Hospital: 75.5% compared to 77.5%.
    - Albany Hospital: 82.3% compared to 85.4%.
    - Carnarvon Hospital: 87.0% compared to 90.3%.
    - Derby Hospital: 90.2% compared to 96.3%.

HSPs remain focused on maximising hospital-wide capacity and patient flow to ensure that patients presenting to EDs are able to access the care they need in a timely manner. Strategies include, but are not limited to:

- Initiatives to support efficient discharge of admitted patients (e.g. early senior medical review of patients awaiting discharge, use of transit lounges).
- Appropriate use of identified capacity at non-tertiary hospitals.
- Use of 'rapid access' outpatient clinics to improve access to specialist services.
- Partnering with primary and aged care sectors to reduce avoidable ED presentations.
- Public education campaigns to reduce the use of EDs for non-emergency medical care.

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.

## WA Emergency Access Target Performance – June 2019

Health Service Provider	Number of Emergency Department Attendances			Percentage of Emergency Department Attendances with Length of Episode of Four Hours or Less				
	Jun 2018	Jun 2019	Variance	Jun 2018	Jun 2019	Variance <sup>#</sup>		
<b>Child and Adolescent Health Service (CAHS)</b>								
Perth Children's Hospital/PMH <sup>+</sup>	5,631	7,103	↑	26.1%	83.4%	85.3%	↑	2.0%
<b>Total CAHS</b>	<b>5,631</b>	<b>7,103</b>	<b>↑</b>	<b>26.1%</b>	<b>83.4%</b>	<b>85.3%</b>	<b>↑</b>	<b>2.0%</b>
<b>East Metropolitan Health Service (EMHS)</b>								
Royal Perth Hospital	5,749	6,124	↑	6.5%	72.6%	59.1%	↓	13.5%
Armadale Health Service	4,673	5,672	↑	21.4%	77.4%	70.2%	↓	7.2%
SJOG Midland Public Hospital	5,936	6,794	↑	14.5%	75.4%	58.9%	↓	16.5%
<b>Total EMHS</b>	<b>16,358</b>	<b>18,590</b>	<b>↑</b>	<b>13.6%</b>	<b>75.0%</b>	<b>62.4%</b>	<b>↓</b>	<b>12.6%</b>
<b>North Metropolitan Health Service (NMHS)</b>								
Sir Charles Gairdner Hospital	5,798	6,089	↑	5.0%	66.7%	63.9%	↓	2.8%
King Edward Memorial Hospital	866	866	↔	0.0%	94.1%	93.3%	↓	0.8%
Joondalup Health Campus	8,198	8,709	↑	6.2%	70.1%	57.9%	↓	12.2%
<b>Total NMHS</b>	<b>14,862</b>	<b>15,664</b>	<b>↑</b>	<b>5.4%</b>	<b>70.2%</b>	<b>62.2%</b>	<b>↓</b>	<b>8.0%</b>
<b>South Metropolitan Health Service (SMHS)</b>								
Fiona Stanley Hospital	8,971	9,963	↑	11.1%	67.6%	72.3%	↑	4.8%
Rockingham General Hospital	4,532	5,184	↑	14.4%	75.5%	77.5%	↑	2.0%
Peel Health Campus	3,321	3,788	↑	14.1%	69.1%	68.9%	↓	0.3%
<b>Total SMHS</b>	<b>16,824</b>	<b>18,935</b>	<b>↑</b>	<b>12.5%</b>	<b>70.0%</b>	<b>73.1%</b>	<b>↑</b>	<b>3.0%</b>
<b>WA Country Health Service (WACHS)</b>								
Albany Hospital	2,046	2,259	↑	10.4%	82.3%	85.4%	↑	3.1%
Broome Hospital	1,910	2,126	↑	11.3%	88.5%	89.3%	↑	0.8%
Bunbury Hospital	3,151	3,598	↑	14.2%	76.2%	68.1%	↓	8.1%
Busselton Hospital	1,721	1,975	↑	14.8%	87.0%	88.2%	↑	1.1%
Carvarvon Hospital	783	875	↑	11.7%	87.0%	90.3%	↑	3.3%
Derby Hospital	1,041	1,188	↑	14.1%	90.2%	96.3%	↑	6.1%
Esperance Hospital	765	995	↑	30.1%	84.3%	86.1%	↑	1.8%
Geraldton Hospital	2,383	2,754	↑	15.6%	87.3%	84.1%	↓	3.2%
Hedland Health Campus	1,854	2,380	↑	28.4%	91.4%	88.2%	↓	3.2%
Kalgoorlie Hospital	1,931	2,631	↑	36.3%	87.8%	80.6%	↓	7.2%
Karratha Health Campus/ Nickol Bay Hospital <sup>#</sup>	1,568	1,913	↑	22.0%	86.9%	81.6%	↓	5.3%
Kununurra Hospital	1,052	1,235	↑	17.4%	89.7%	90.4%	↑	0.7%
Narrogin Hospital	563	793	↑	40.9%	87.6%	89.3%	↑	1.7%
Northam Hospital	923	1,078	↑	16.8%	87.1%	84.1%	↓	3.0%
<b>Total WACHS</b>	<b>21,691</b>	<b>25,800</b>	<b>↑</b>	<b>18.9%</b>	<b>85.8%</b>	<b>83.9%</b>	<b>↓</b>	<b>1.9%</b>
<b>Statewide</b>	<b>75,366</b>	<b>86,092</b>	<b>↑</b>	<b>14.2%</b>	<b>76.7%</b>	<b>73.0%</b>	<b>↓</b>	<b>3.6%</b>
<b>Statewide (excluding Contracted Health Entities*)</b>	<b>57,911</b>	<b>66,801</b>	<b>↑</b>	<b>15.4%</b>	<b>78.2%</b>	<b>76.7%</b>	<b>↓</b>	<b>1.5%</b>
<b>Contracted Health Entities</b>	<b>17,455</b>	<b>19,291</b>	<b>↑</b>	<b>10.5%</b>	<b>71.7%</b>	<b>60.4%</b>	<b>↓</b>	<b>11.3%</b>

<sup>+</sup> Data prior to June 2018 represents Princess Margaret Hospital and data from July 2018 represents Perth Children's Hospital.

<sup>#</sup> Data prior to August 2018 represents Nickol Bay Hospital and data from October 2018 represents Karratha Health Campus.



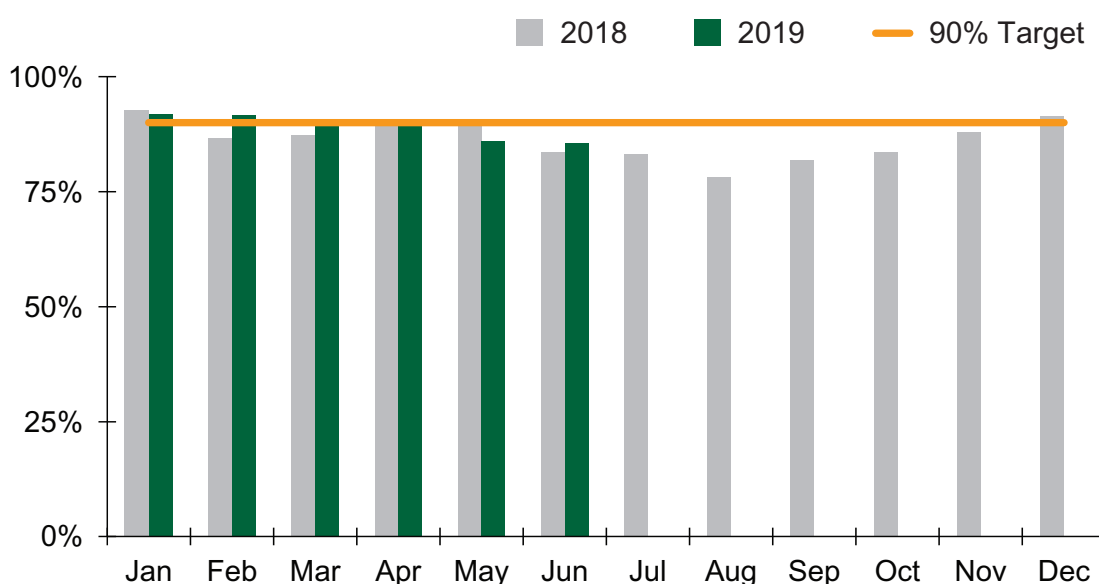
## **Child and Adolescent Health Service**

Perth Children's Hospital /  
Princess Margaret Hospital

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

June 2019		Compared to June 2018	
7,103	total emergency department attendances	↑ 26.1%	increase or 1,472 more emergency department attendances
85.3%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑ 2.0%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
61.0%	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>
81.3%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑ 45.8%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
90.5%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑ 0.2%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
0.1%	in-hospital mortality for admissions from emergency department	↑ 0.1%	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

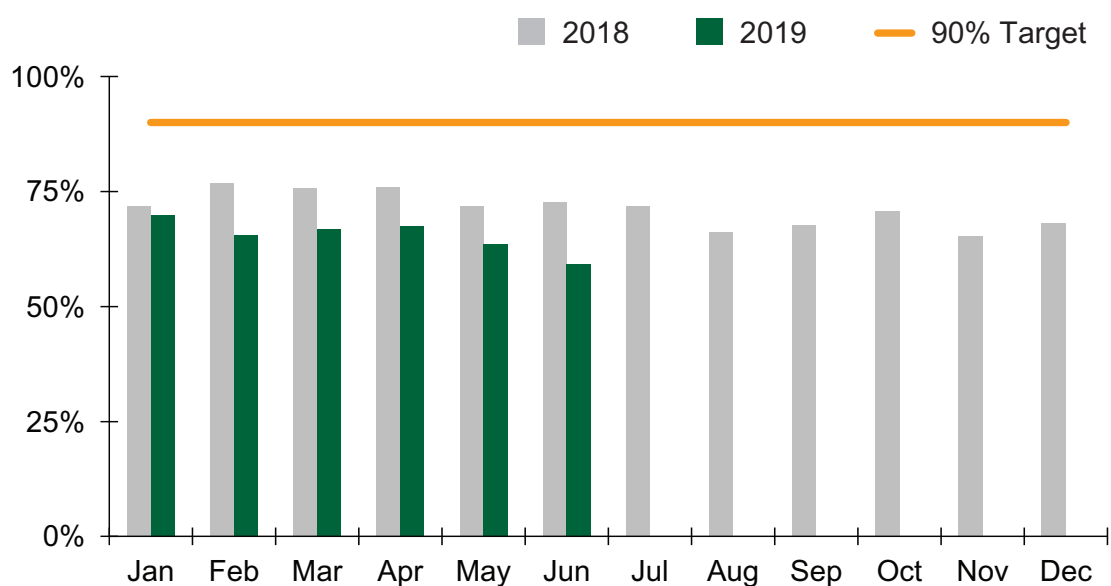
Armadale Health Service

St John of God Midland  
Public Hospital

## Royal Perth Hospital

June 2019		Compared to June 2018		
6,124	total emergency department attendances	↑	6.5%	increase of 375 more emergency department attendances
59.1%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	13.5%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
36.9%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	20.8%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
38.8%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	2.4%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
77.5%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	11.2%	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	↓	0.04%	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**



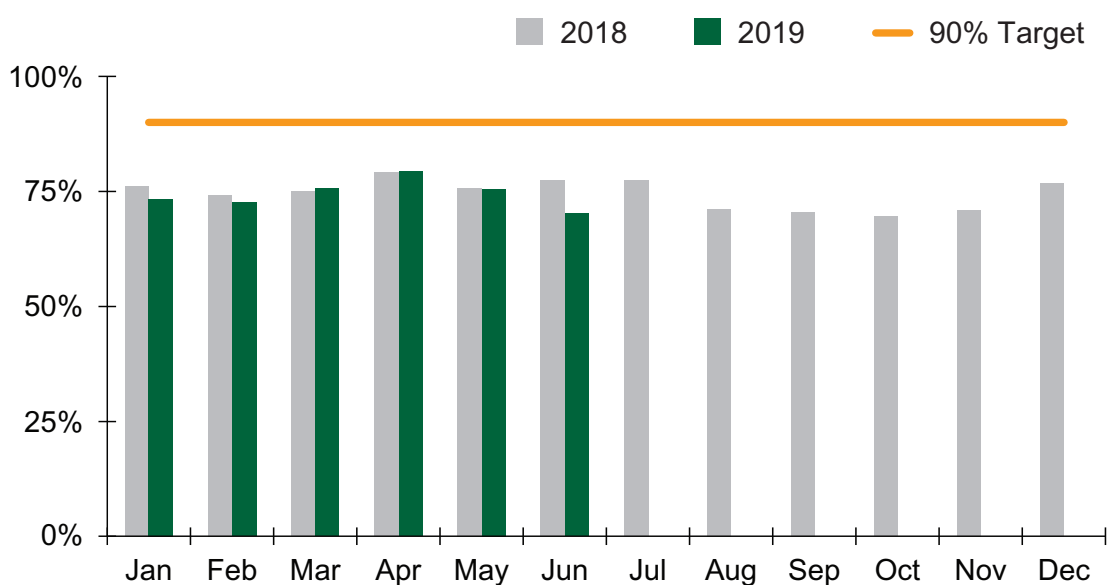
See Notes on [page 34](#) for additional comments on the figures shown.



## Armadale Health Service

June 2019		Compared to June 2018	
5,672	total emergency department attendances	↑ 21.4%	increase or 999 more emergency department attendances
70.2%	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>
19.5%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓ 16.9%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
34.4%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓ 6.8%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
80.7%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓ 6.1%	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	↑ 0.3%	increase in in-hospital mortality for admissions from emergency department

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

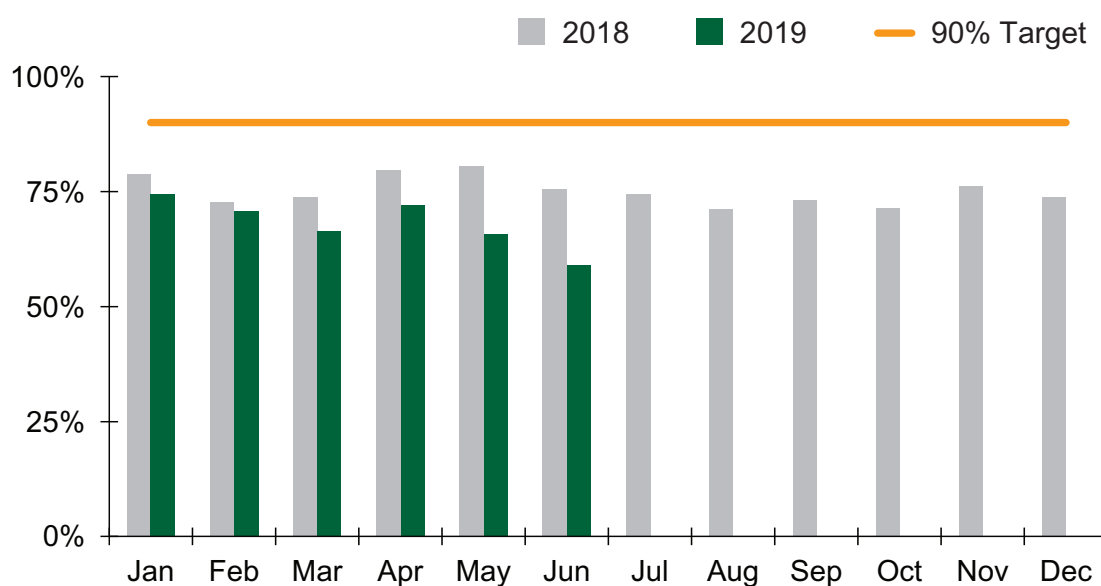


See Notes on [page 34](#) for additional comments on the figures shown.

## St John of God Midland Public Hospital

June 2019		Compared to June 2018		
6,794	total emergency department attendances	↑	14.5%	increase of 858 more emergency department attendances
58.9%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	16.5%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
27.9%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	31.9%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
43.4%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	8.6%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
70.0%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	13.4%	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	↑	0.03%	increase 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**



See Notes on [page 34](#) for additional comments on the figures shown.



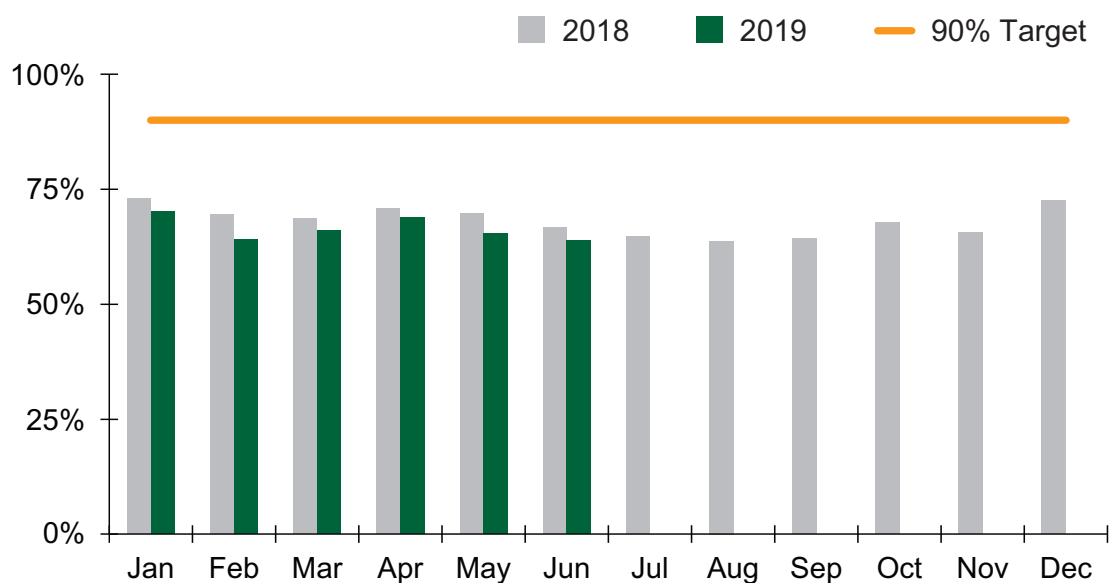
## **North Metropolitan Health Service**

Sir Charles Gairdner Hospital  
King Edward Memorial Hospital  
Joondalup Health Campus

## Sir Charles Gairdner Hospital

June 2019		Compared to June 2018	
6,089	total emergency department attendances	↑ 5.0%	increase of 291 more emergency department attendances
63.9%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓ 2.8%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
49.5%	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>
27.6%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓ 0.9%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
79.2%	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>
2.7%	in-hospital mortality for admissions from emergency department	↑ 0.8%	increase 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**

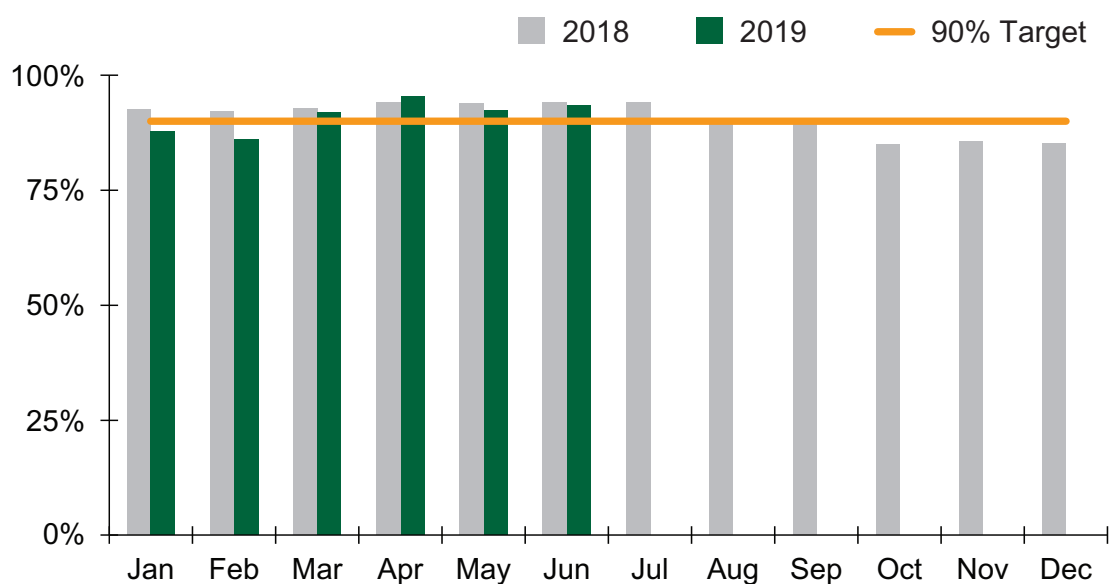


See Notes on [page 34](#) for additional comments on the figures shown.

## King Edward Memorial Hospital

June 2019		Compared to June 2018		
866	total emergency department attendances	↔	0.0%	no change in emergency department attendances
93.3%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	0.8%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
77.7%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	0.4%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
76.9%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	10.3%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
95.7%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	1.4%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
1.1%	in-hospital mortality for admissions from emergency department	↑	1.1%	increase 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**

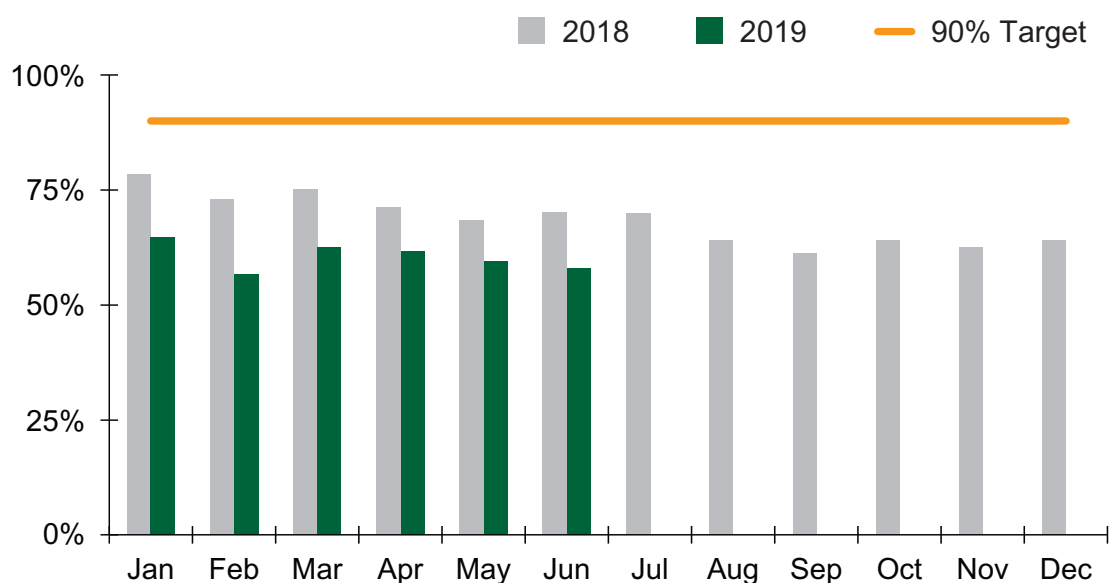


See Notes on [page 34](#) for additional comments on the figures shown.

## Joondalup Health Campus

June 2019		Compared to June 2018		
8,709	total emergency department attendances	↑	6.2%	increase of 511 more emergency department attendances
57.9%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	12.2%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
34.3%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	14.4%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
45.7%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	3.8%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
67.9%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	13.3%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
1.1%	in-hospital mortality for admissions from emergency department	↓	0.3%	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

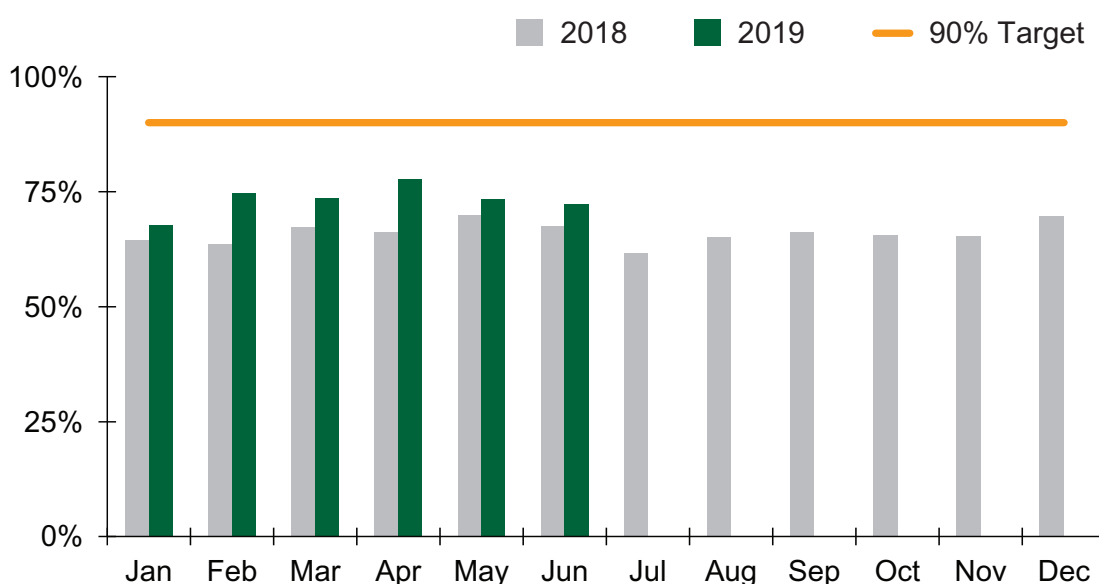
Rockingham General Hospital

Peel Health Campus

## Fiona Stanley Hospital

June 2019		Compared to June 2018		
9,963	total emergency department attendances	↑	11.1%	increase of 992 more emergency department attendances
72.3%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	4.8%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
53.5%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	4.9%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
44.4%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	7.3%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
82.3%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	3.8%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
2.3%	in-hospital mortality for admissions from emergency department	↑	0.9%	increase 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**



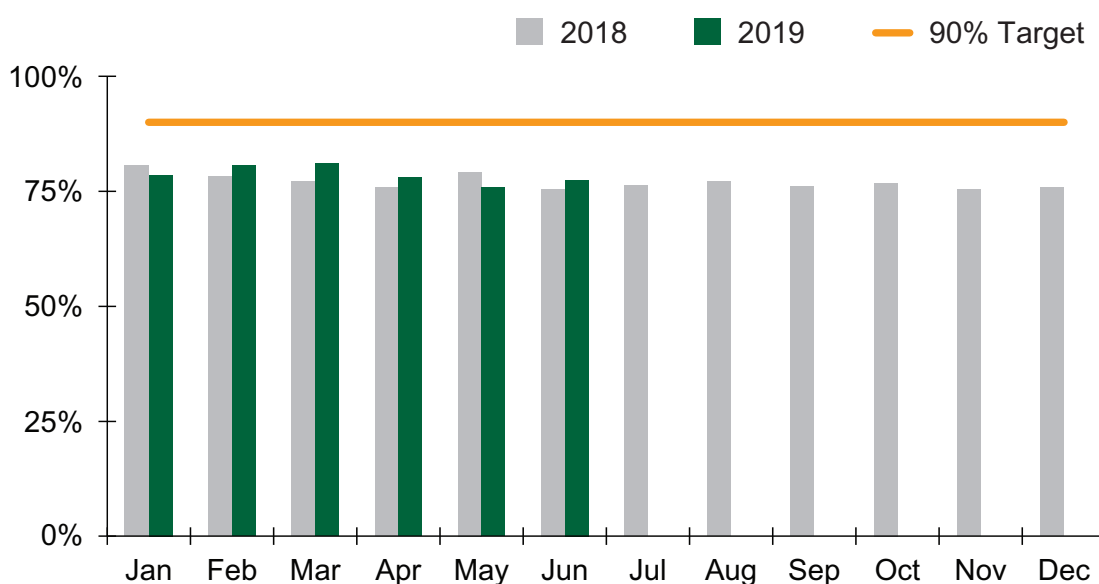
See Notes on [page 34](#) for additional comments on the figures shown.



## Rockingham General Hospital

June 2019		Compared to June 2018		
5,184	total emergency department attendances	↑	14.4%	increase of 652 more emergency department attendances
77.5%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	2.0%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
42.1%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	2.7%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
46.0%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	8.7%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
86.0%	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>
2.4%	in-hospital mortality for admissions from emergency department	↑	1.8%	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**

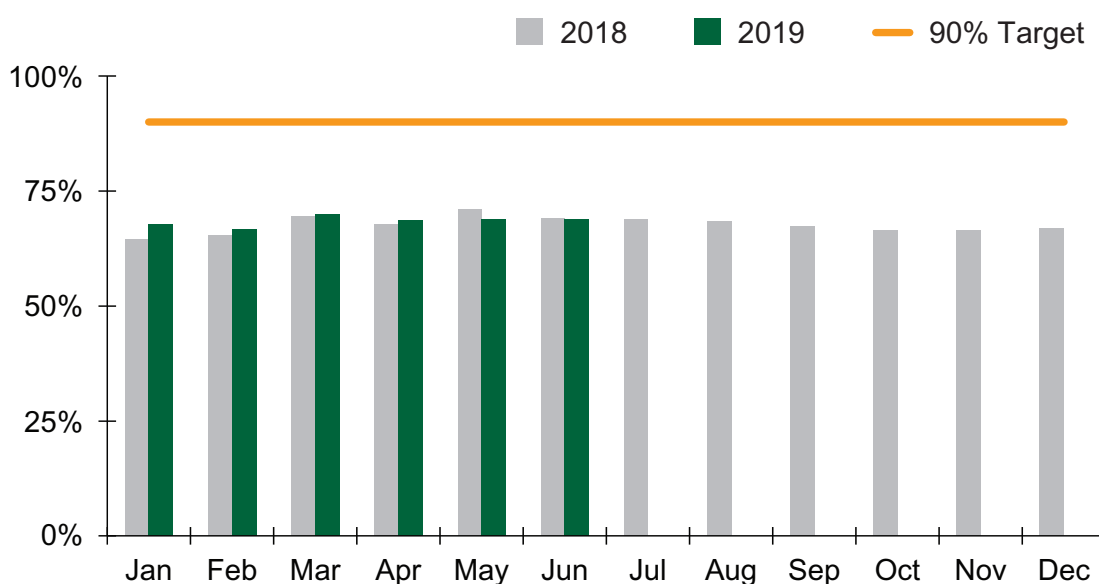


See Notes on [page 34](#) for additional comments on the figures shown.

## Peel Health Campus

June 2019		Compared to June 2018		
3,788	total emergency department attendances	↑	14.1%	increase of 467 more emergency department attendances
68.9%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	0.3%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
47.2%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	2.2%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
41.4%	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>
78.1%	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>
1.8%	in-hospital mortality for admissions from emergency department	↑	0.6%	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**

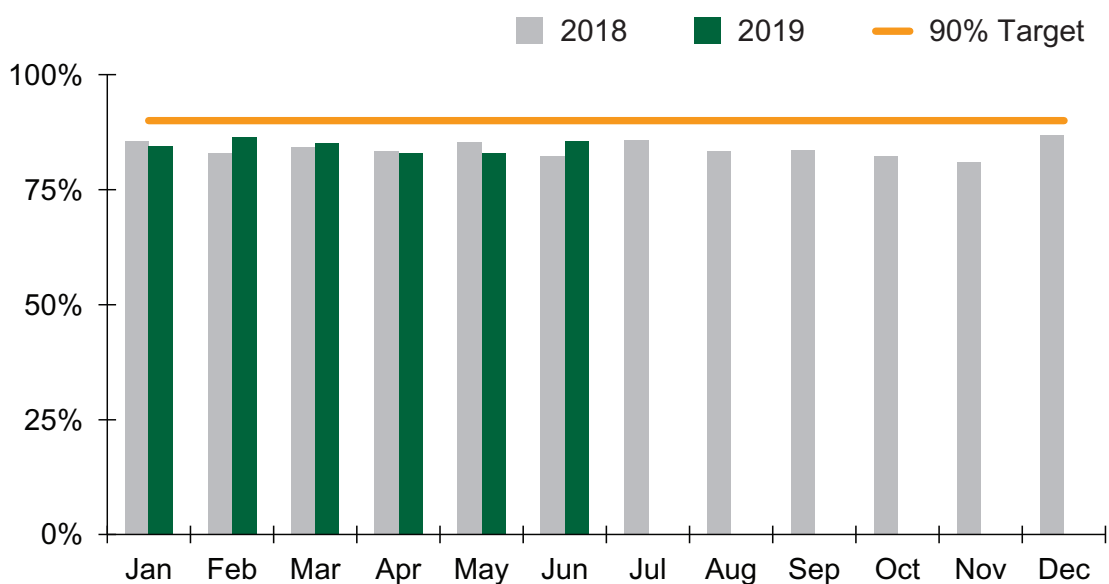
Albany Hospital  
Broome Hospital  
Bunbury Regional Hospital  
Busselton Hospital  
Carnarvon Hospital  
Derby Hospital  
Esperance Hospital  
Geraldton Hospital

Hedland Health Campus  
Kalgoorlie Hospital  
Karratha Health Campus/  
Nickol Bay Hospital  
Kununurra Hospital  
Narrogin Hospital  
Northam Hospital

## Albany Hospital

June 2019		Compared to June 2018		
2,259	total emergency department attendances	↑	10.4%	increase of 213 more emergency department attendances
85.4%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	3.1%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
56.0%	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>
71.0%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	24.5%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
92.7%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	1.8%	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	↑	0.9%	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**

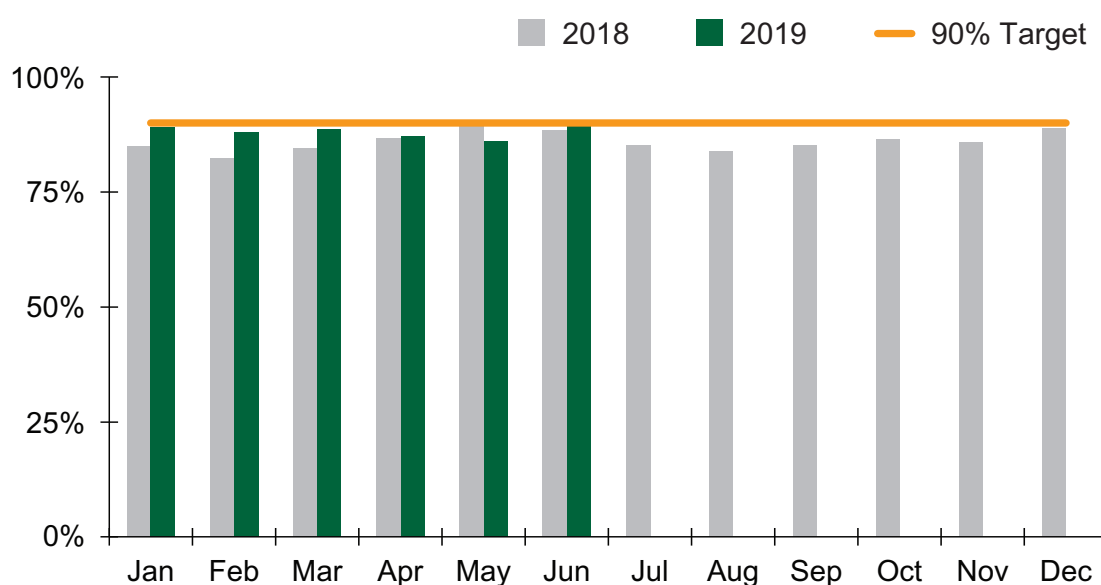


See Notes on [page 34](#) for additional comments on the figures shown.

## Broome Hospital

June 2019		Compared to June 2018		
2,126	total emergency department attendances	↑	11.3%	increase of 216 more emergency department attendances
89.3%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	0.8%	increase 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>	↑	2.3%	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>	↓	4.8%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
95.6%	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>
0.9%	in-hospital mortality for admissions from emergency department	↑	0.3%	increase 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**

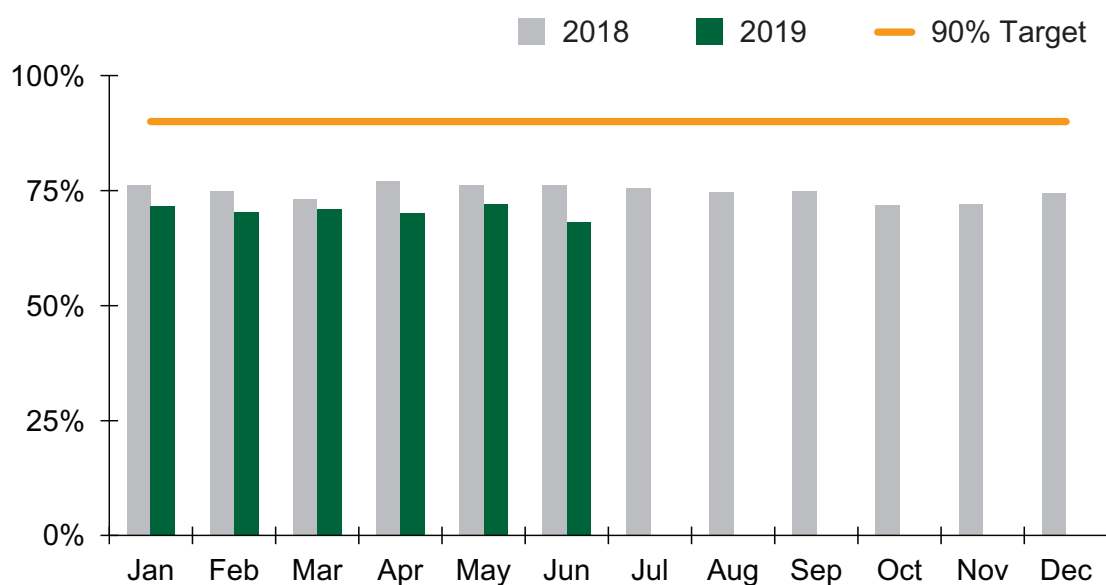


See Notes on [page 34](#) for additional comments on the figures shown.

## Bunbury Regional Hospital

June 2019		Compared to June 2018		
3,598	total emergency department attendances	↑	14.2%	increase of 447 more emergency department attendances
68.1%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	8.1%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
51.1%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	8.9%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
31.0%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	2.4%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
75.8%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	8.9%	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	↓	0.2%	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**

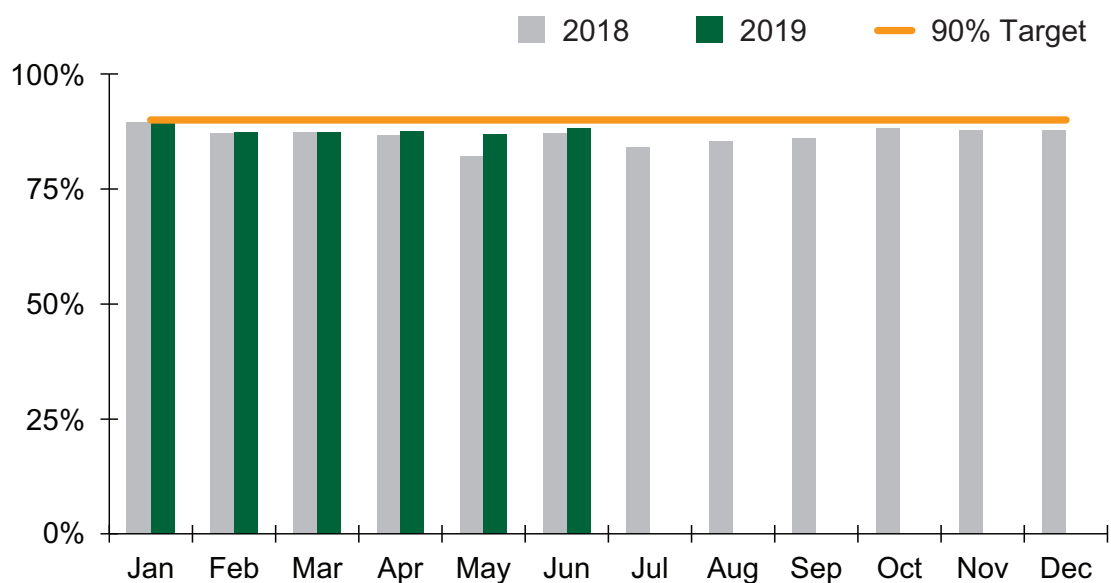


See Notes on [page 34](#) for additional comments on the figures shown.

## Busselton Hospital

June 2019		Compared to June 2018		
1,975	total emergency department attendances	↑	14.8%	increase of 254 more emergency department attendances
88.2%	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>
56.9%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	0.4%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
56.9%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	7.2%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
94.0%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	2.1%	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	↓	2.1%	decrease 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**

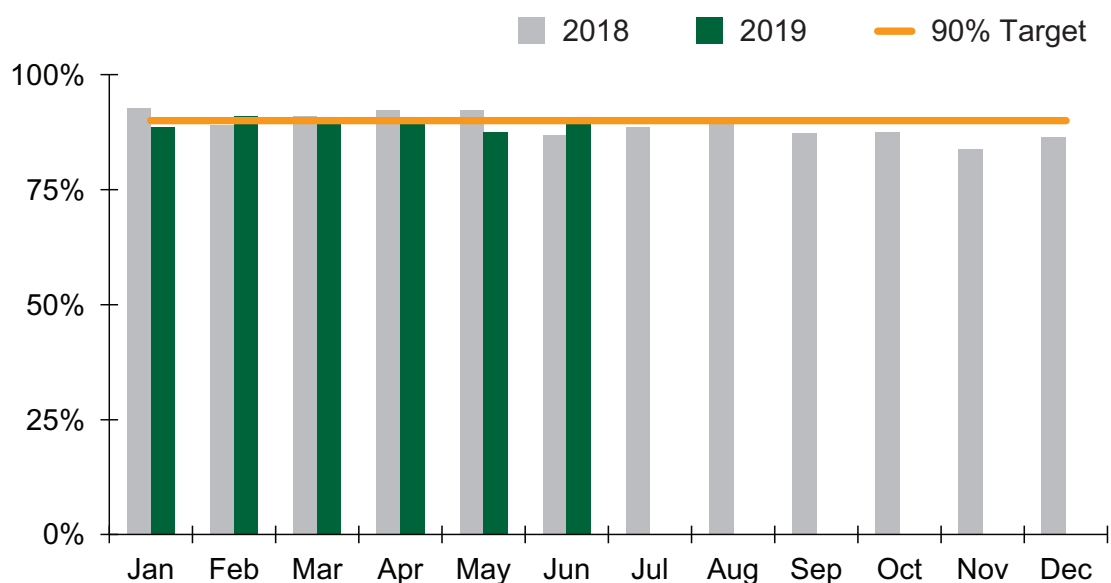


See Notes on [page 34](#) for additional comments on the figures shown.

## Carnarvon Hospital

June 2019		Compared to June 2018	
875	total emergency department attendances	↑ 11.7%	increase of 92 more emergency department attendances
90.3%	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>
61.6%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑ 3.0%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
31.3%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑ 10.2%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
94.1%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑ 2.3%	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	↓ 1.4%	decrease 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**



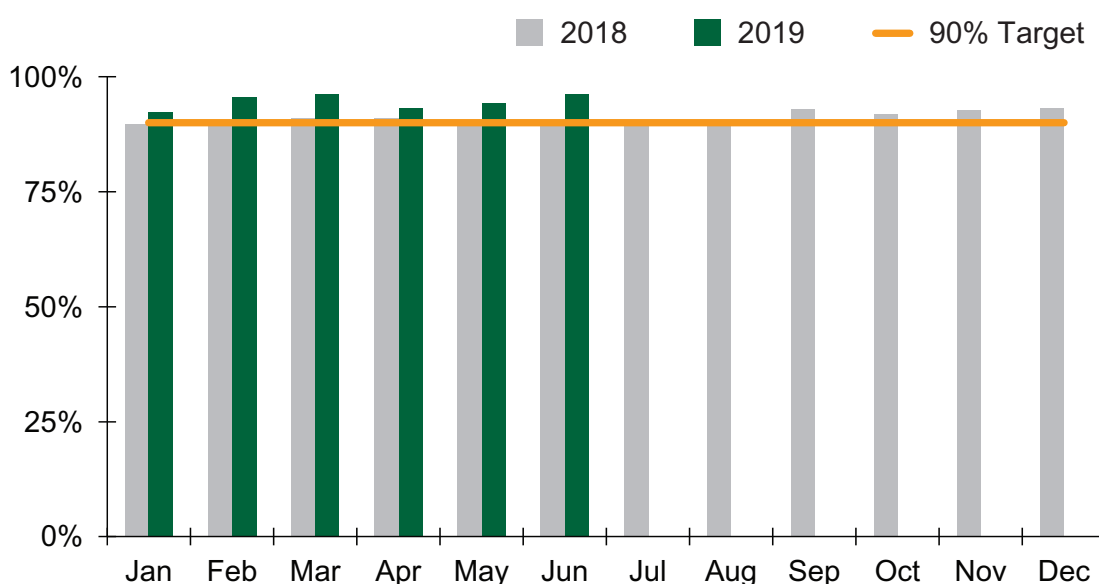
See Notes on [page 34](#) for additional comments on the figures shown.



## Derby Hospital

June 2019		Compared to June 2018	
1,188	total emergency department attendances	↑ 14.1%	increase of 147 more emergency department attendances
96.3%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑ 6.1%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
82.7%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑ 22.6%	increase 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>	↑ 20.0%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
98.0%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑ 3.1%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
0.9%	in-hospital mortality for admissions from emergency department	↑ 0.9%	increase 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**

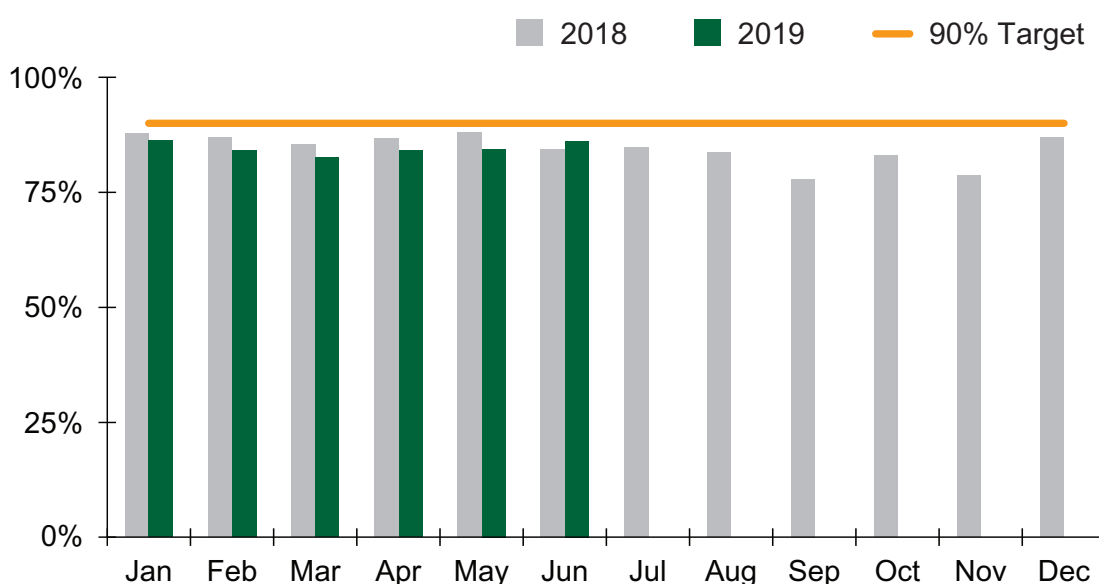


See Notes on [page 34](#) for additional comments on the figures shown.

## Esperance Hospital

June 2019		Compared to June 2018	
995	total emergency department attendances	↑ 30.1%	increase of 230 more emergency department attendances
86.1%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑ 1.8%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
28.7%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓ 14.0%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
0.0%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓ 30.8%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
92.3%	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>
3.2%	in-hospital mortality for admissions from emergency department	↓ 2.3%	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**

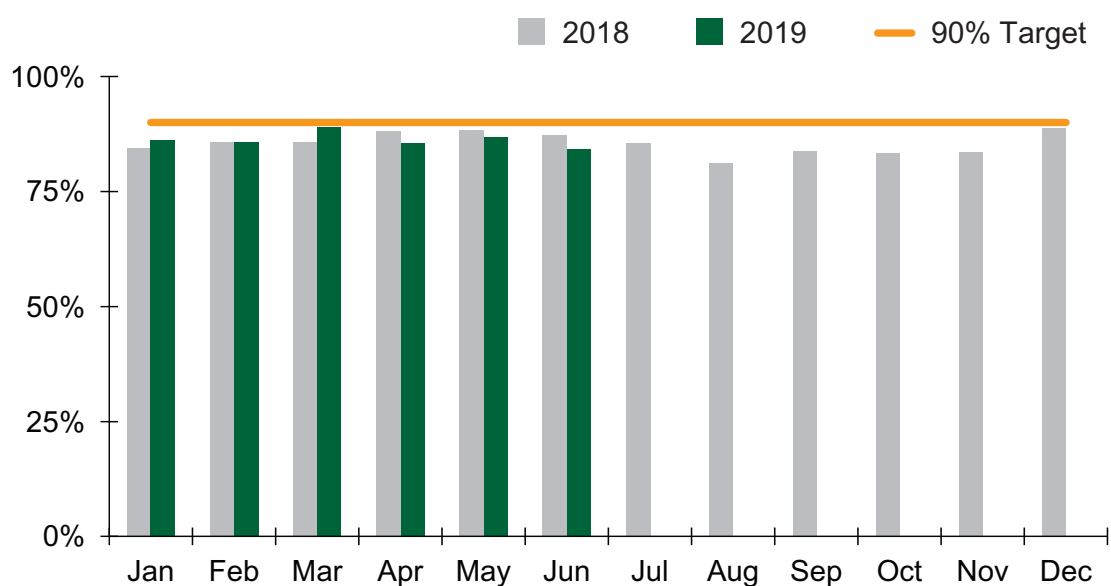


See Notes on [page 34](#) for additional comments on the figures shown.

## Geraldton Hospital

June 2019		Compared to June 2018		
2,754	total emergency department attendances	↑	15.6%	increase of 371 more emergency department attendances
84.1%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	3.2%	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>	↓	19.1%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
22.5%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	33.6%	decrease 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>	↑	0.5%	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	↑	0.2%	increase 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**

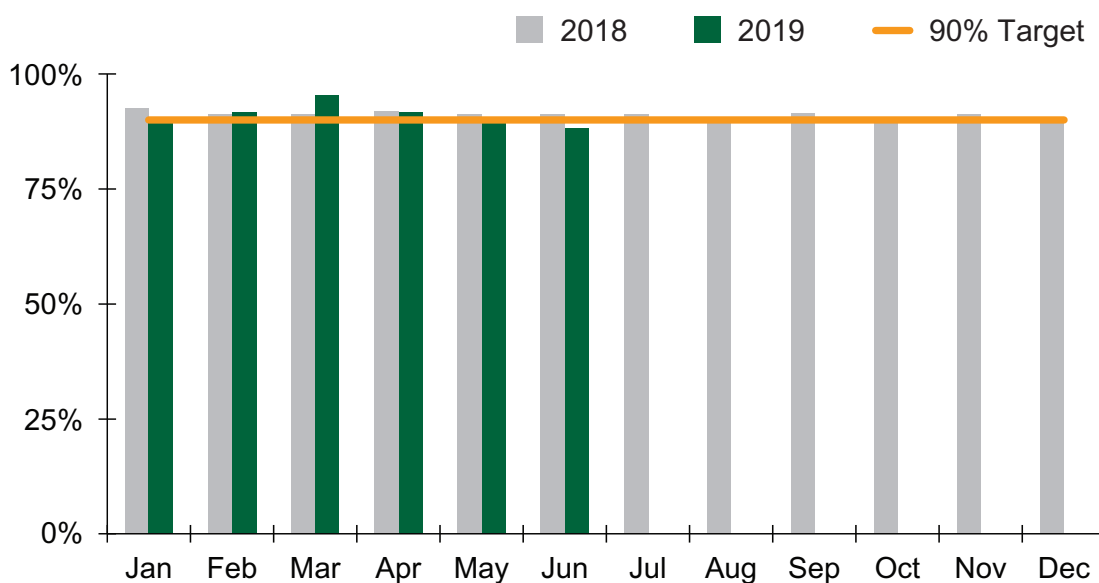


See Notes on [page 34](#) for additional comments on the figures shown.

## Hedland Health Campus

June 2019		Compared to June 2018	
2,380	total emergency department attendances	↑ 28.4%	increase of 526 more emergency department attendances
88.2%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓ 3.2%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
53.9%	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>
53.3%	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>
92.3%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓ 3.8%	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	↑ 0.8%	increase 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**

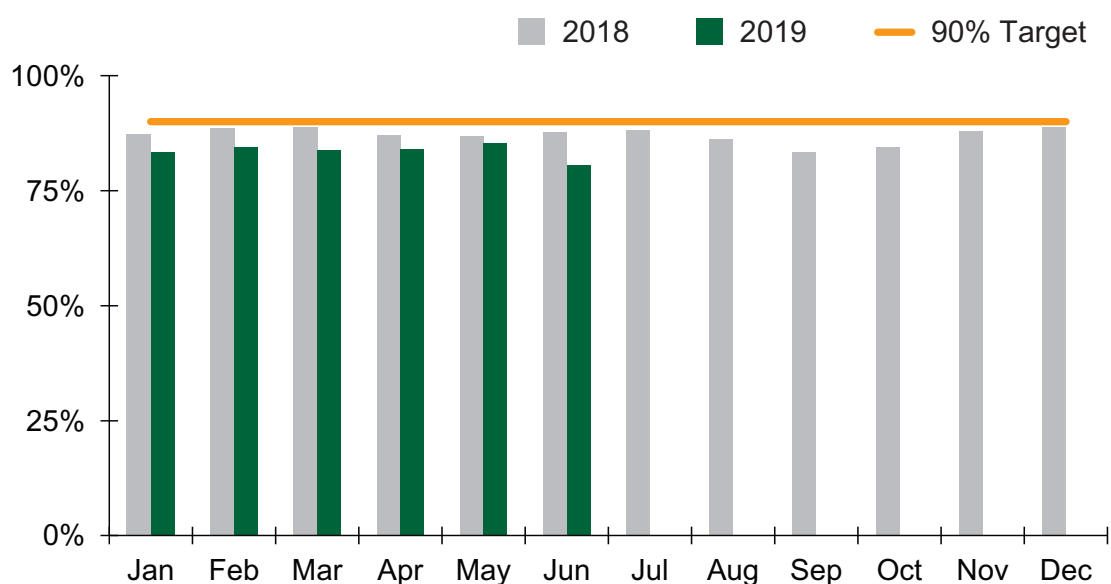


See Notes on [page 34](#) for additional comments on the figures shown.

## Kalgoorlie Hospital

June 2019		Compared to June 2018		
2,631	total emergency department attendances	↑	36.3%	increase or 700 more emergency department attendances
80.6%	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>
37.1%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	23.8%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
54.5%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	33.7%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
88.2%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	5.6%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
2.1%	in-hospital mortality for admissions from emergency department	↑	1.3%	increase 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**

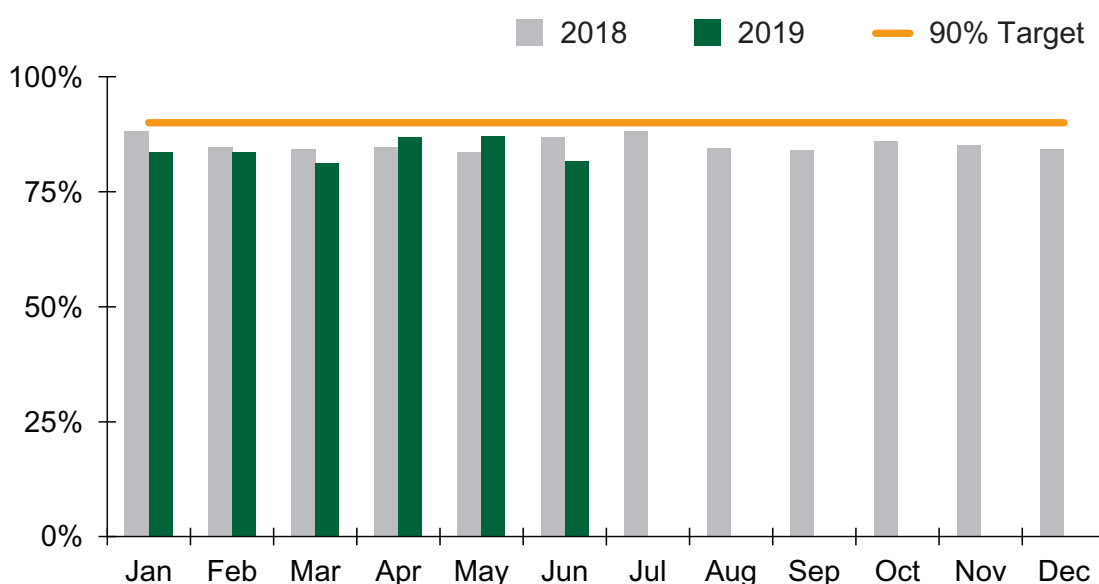


See Notes on [page 34](#) for additional comments on the figures shown.

## Karratha Health Campus/Nickol Bay Hospital

June 2019		Compared to June 2018		
1,913	total emergency department attendances	↑	22.0%	increase of 345 more emergency department attendances
81.6%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	5.3%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
30.9%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	6.3%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
44.4%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	8.4%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
86.6%	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>
0.0%	in-hospital mortality for admissions from emergency department	↔	0.0%	no change in in-hospital mortality for admissions from emergency department

**Figure 21: Karratha Health Campus/Nickol Bay Hospital – Percentage of ED attendances with length of episode of four hours or less**

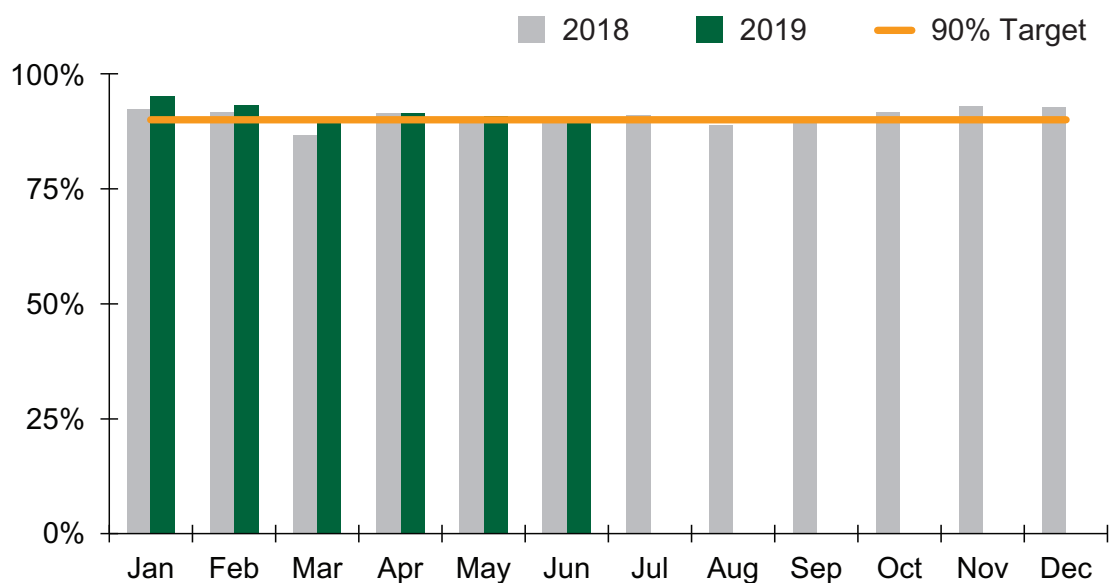


See Notes on [page 34](#) for additional comments on the figures shown.

## Kununurra Hospital

June 2019		Compared to June 2018		
1,235	total emergency department attendances	↑	17.4%	increase of 183 more emergency department attendances
90.4%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	0.7%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
55.7%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	2.3%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
64.7%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	17.6%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
96.0%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	0.2%	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	↔	0.0%	no change 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**

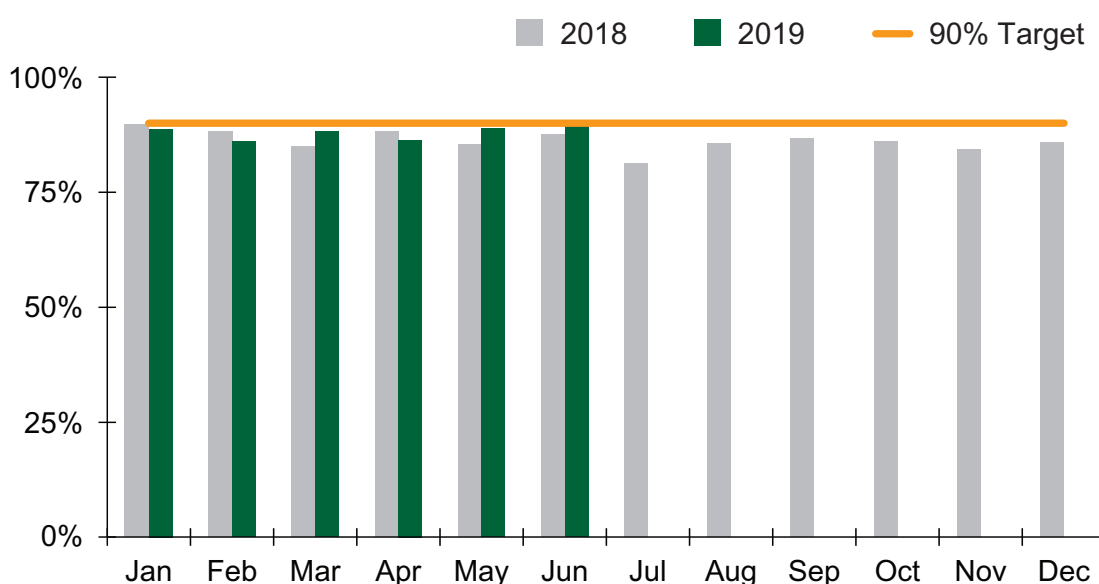


See Notes on [page 34](#) for additional comments on the figures shown.

## Narrogin Hospital

June 2019		Compared to June 2018	
793	total emergency department attendances	↑ 40.9%	increase of 230 more emergency department attendances
89.3%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑ 1.7%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
72.8%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓ 3.6%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
35.3%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓ 7.6%	decrease 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>	↑ 1.6%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
3.6%	in-hospital mortality for admissions from emergency department	↑ 0.9%	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**



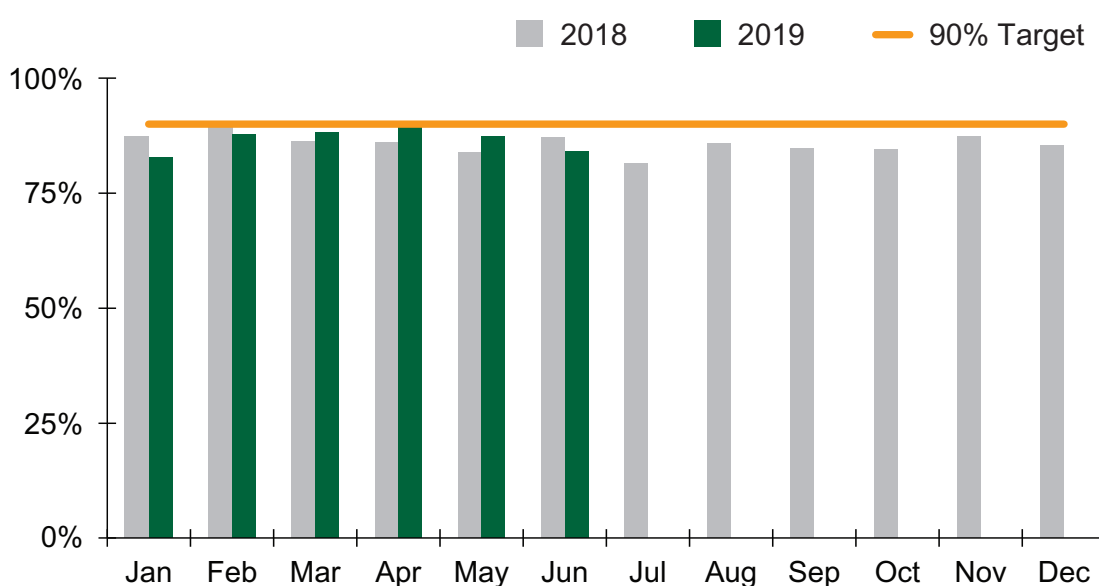
See Notes on [page 34](#) for additional comments on the figures shown.



## Northam Hospital

June 2019		Compared to June 2018		
1,078	total emergency department attendances	↑	16.8%	increase of 155 more emergency department attendances
84.1%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	3.0%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
61.9%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	2.8%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
60.8%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	13.2%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
89.1%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	2.9%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
2.8%	in-hospital mortality for admissions from emergency department	↑	0.9%	increase 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 2019 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 <a href="#">page 2</a> .
<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) (03/07/2019).
<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 <a href="#">page 2</a> .
<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) (03/07/2019).
<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 <a href="#">page 2</a> .
<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) (03/07/2019).
<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 <a href="#">page 2</a> .
<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) (03/07/2019).
<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 <a href="#">page 2</a> .
<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) (03/07/2019).
<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 <a href="#">page 2</a> .
<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 (01/07/2019).
<b>Report prepared by:</b>	Purchasing and System Performance Division, Department of Health, WA.

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