



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

# Western Australia Emergency Access Target

## Performance Monthly Report

May 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 May 2019:

- The statewide number of ED attendances increased by 9.1% (7,029) from May 2018 (74,654) compared to May 2019 (76,834).
- The statewide WEAT performance decreased from 77.9% for May 2018 compared to 74.8% for May 2019.
- The table of WEAT performance by HSP and hospital ([page 4](#)) shows that:
  - At HSP level, CAHS (85.7%) was closest to achieving the target of 90%.
  - There was an improvement in WEAT performance from May 2018 when compared to May 2019 at the following hospitals:
    - Fiona Stanley Hospital: 69.9% compared to 73.7%.
    - Busselton Hospital: 82.1% compared to 86.9%.
    - Derby Hospital: 90.4% compared to 94.4%.
    - Northam Hospital: 83.9% compared to 87.2%

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

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

Refer to the Notes section ([page 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 – May 2019

Health Service Provider	Number of Emergency Department Attendances				Percentage of Emergency Department Attendances with Length of Episode of Four Hours or Less			
	May 2018	May 2019		Variance	May 2018	May 2019		Variance <sup>#</sup>
<b>Child and Adolescent Health Service (CAHS)</b>								
Perth Children's Hospital/PMH <sup>+</sup>	5,157	6,477	↑	25.6%	89.0%	85.7%	↓	3.3%
<b>Total CAHS</b>	<b>5,157</b>	<b>6,477</b>	<b>↑</b>	<b>25.6%</b>	<b>89.0%</b>	<b>85.7%</b>	<b>↓</b>	<b>3.3%</b>
<b>East Metropolitan Health Service (EMHS)</b>								
Royal Perth Hospital	6,031	6,209	↑	3.0%	71.8%	63.5%	↓	8.3%
Armadale Health Service	4,775	5,242	↑	9.8%	75.7%	75.5%	↓	0.2%
SJOG Midland Public Hospital	5,928	6,755	↑	14.0%	80.5%	65.8%	↓	14.7%
<b>Total EMHS</b>	<b>16,734</b>	<b>18,206</b>	<b>↑</b>	<b>8.8%</b>	<b>76.0%</b>	<b>67.8%</b>	<b>↓</b>	<b>8.2%</b>
<b>North Metropolitan Health Service (NMHS)</b>								
Sir Charles Gairdner Hospital	5,860	6,187	↑	5.6%	69.8%	65.4%	↓	4.4%
King Edward Memorial Hospital	880	832	↓	5.5%	93.9%	92.3%	↓	1.6%
Joondalup Health Campus	8,377	8,732	↑	4.2%	68.4%	60.3%	↓	8.1%
<b>Total NMHS</b>	<b>15,117</b>	<b>15,751</b>	<b>↑</b>	<b>4.2%</b>	<b>70.4%</b>	<b>64.0%</b>	<b>↓</b>	<b>6.4%</b>
<b>South Metropolitan Health Service (SMHS)</b>								
Fiona Stanley Hospital	9,038	9,038	↑	7.0%	69.9%	73.7%	↑	3.8%
Rockingham General Hospital	4,578	4,952	↑	8.2%	79.1%	75.9%	↓	3.2%
Peel Health Campus	3,456	3,741	↑	8.2%	71.0%	68.8%	↓	2.2%
<b>Total SMHS</b>	<b>17,072</b>	<b>18,363</b>	<b>↑</b>	<b>7.6%</b>	<b>72.6%</b>	<b>73.3%</b>	<b>↑</b>	<b>0.7%</b>
<b>WA Country Health Service (WACHS)</b>								
Albany Hospital	2,108	2,347	↑	11.3%	85.3%	83.0%	↓	2.3%
Broome Hospital	1,941	2,022	↑	4.2%	89.6%	86.0%	↓	3.6%
Bunbury Hospital	3,304	3,592	↑	8.7%	76.1%	72.2%	↓	3.9%
Busselton Hospital	1,759	1,838	↑	4.5%	82.1%	86.9%	↑	4.8%
Carnarvon Hospital	755	804	↑	6.5%	92.3%	87.4%	↓	4.9%
Derby Hospital	1,078	1,190	↑	10.4%	90.4%	94.4%	↑	4.0%
Esperance Hospital	775	966	↑	24.6%	88.0%	84.5%	↓	3.5%
Geraldton Hospital	2,439	2,704	↑	10.9%	88.3%	86.9%	↓	1.4%
Hedland Health Campus	1,979	2,241	↑	13.2%	91.4%	89.3%	↓	2.0%
Kalgoorlie Hospital	2,042	2,279	↑	11.6%	87.0%	85.4%	↓	1.6%
Karratha Health Campus/ Nickol Bay Hospital <sup>#</sup>	1,779	1,843	↑	3.6%	83.6%	87.0%	↑	3.4%
Kununurra Hospital	1,140	1,168	↑	2.5%	90.4%	90.8%	↑	0.5%
Narrogin Hospital	632	786	↑	24.4%	85.4%	88.8%	↑	3.4%
Northam Hospital	1,023	1,286	↑	25.7%	83.9%	87.2%	↑	3.4%
<b>Total WACHS</b>	<b>22,754</b>	<b>25,066</b>	<b>↑</b>	<b>10.2%</b>	<b>85.7%</b>	<b>85.0%</b>	<b>↓</b>	<b>0.7%</b>
<b>Statewide</b>	<b>76,834</b>	<b>83,863</b>	<b>↑</b>	<b>9.1%</b>	<b>77.9%</b>	<b>74.8%</b>	<b>↓</b>	<b>3.1%</b>
<b>Statewide (excluding Contracted Health Entities*)</b>	<b>59,073</b>	<b>64,635</b>	<b>↑</b>	<b>9.4%</b>	<b>79.4%</b>	<b>78.1%</b>	<b>↓</b>	<b>1.3%</b>
<b>Contracted Health Entities</b>	<b>17,761</b>	<b>19,228</b>	<b>↑</b>	<b>8.3.0%</b>	<b>73.0%</b>	<b>63.9%</b>	<b>↓</b>	<b>9.0%</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.



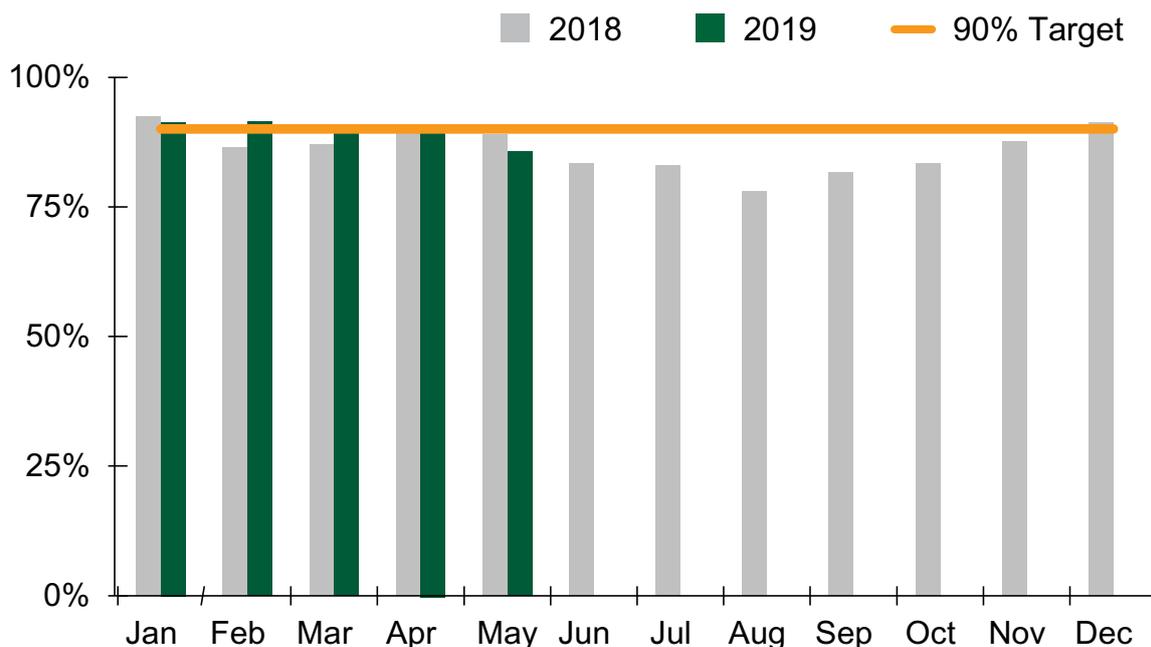
## **Child and Adolescent Health Service**

Perth Children's Hospital /  
Princess Margaret Hospital

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

May 2019		Compared to May 2018	
6,477	total emergency department attendances	↑ 25.6%	increase of 1,320 more emergency department attendances
85.7%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓ 3.3%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
61.6%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓ 5.0%	decrease 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>	↑ 4.3%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
91.5%	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>
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

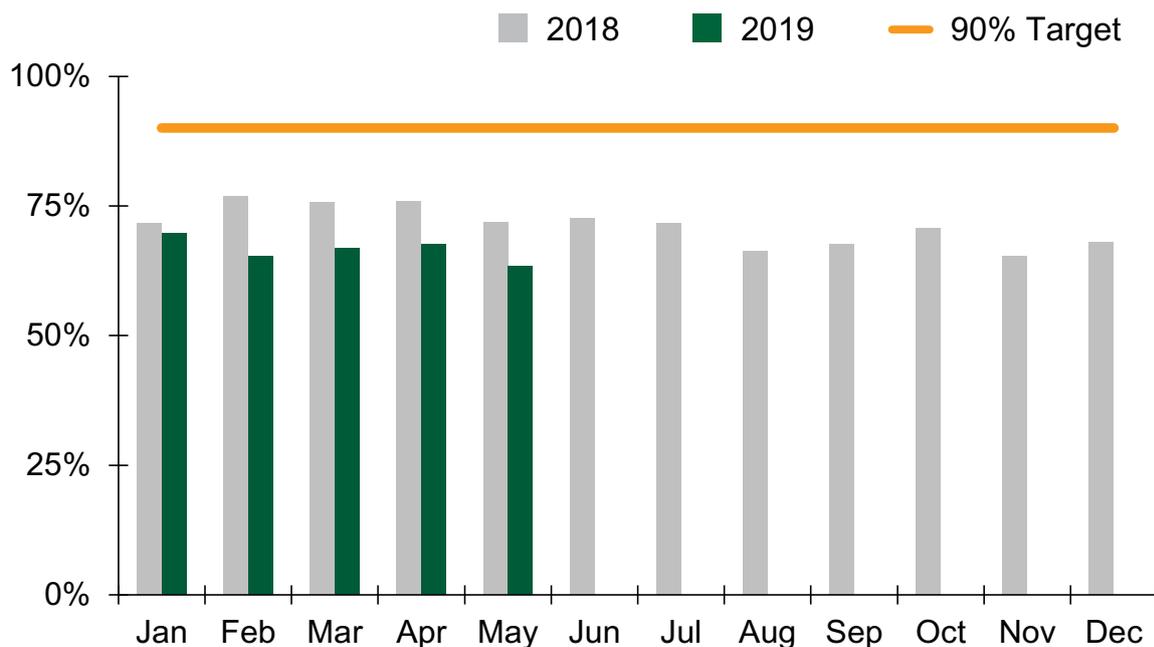
Armadale Health Service

St John of God Midland  
Public Hospital

## Royal Perth Hospital

May 2019		Compared to May 2018		
6,209	total emergency department attendances	↑	3.0%	increase of 178 more emergency department attendances
63.5%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	8.3%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
42.9%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	12.9%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
37.6%	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>
81.3%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	5.8%	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	↓	0.2%	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**

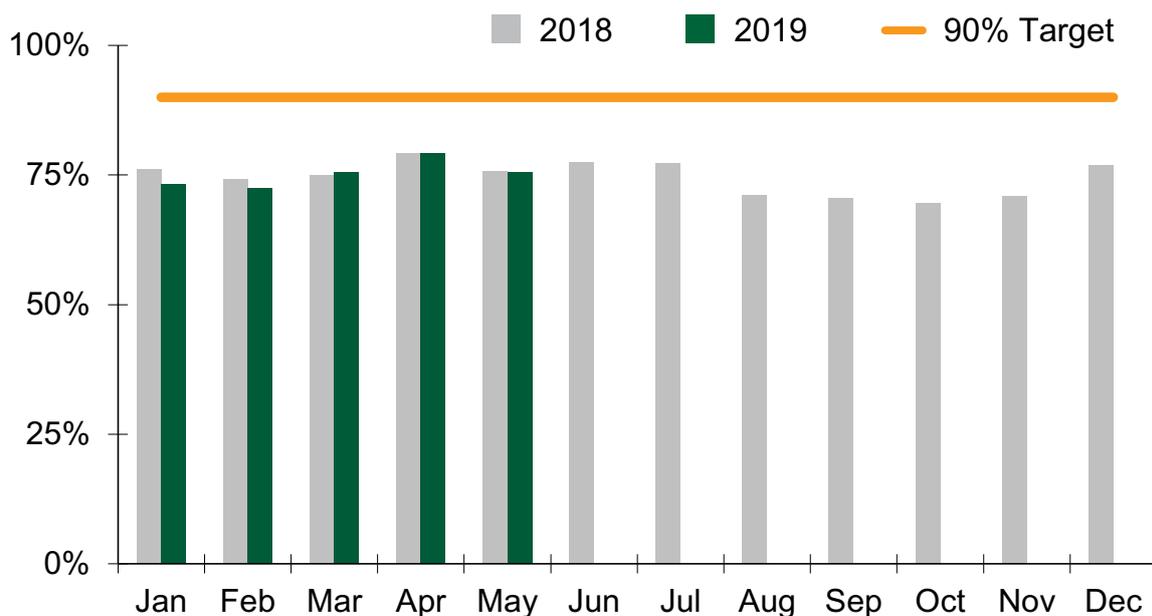


See Notes on [page 34](#) for additional comments on the figures shown.

## Armada Health Service

May 2019		Compared to May 2018		
5,242	total emergency department attendances	↑	9.8%	increase of 467 more emergency department attendances
75.5%	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>
30.8%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	3.5%	decrease 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>	↓	2.4%	decrease 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>	↑	0.8%	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	↑	0.5%	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**

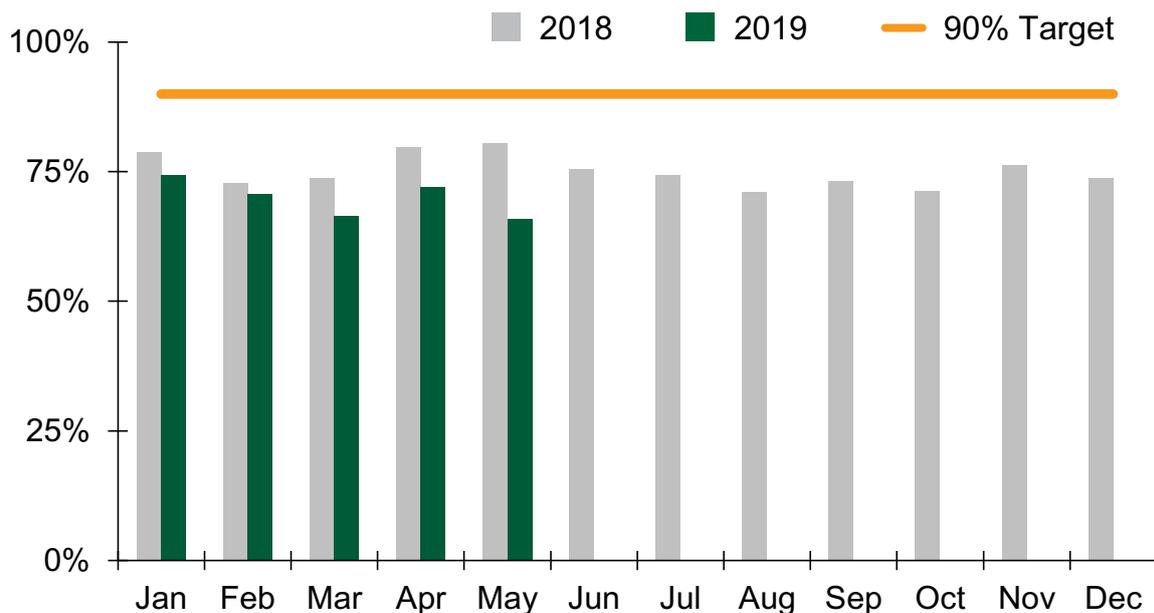


See Notes on [page 34](#) for additional comments on the figures shown.

## St John of God Midland Public Hospital

May 2019		Compared to May 2018		
6,755	total emergency department attendances	↑	14.0%	increase of 827 more emergency department attendances
65.8%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	14.7%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
35.1%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	33.1%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
45.1%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	16.1%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
77.9%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	9.1%	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	↓	0.3%	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**



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



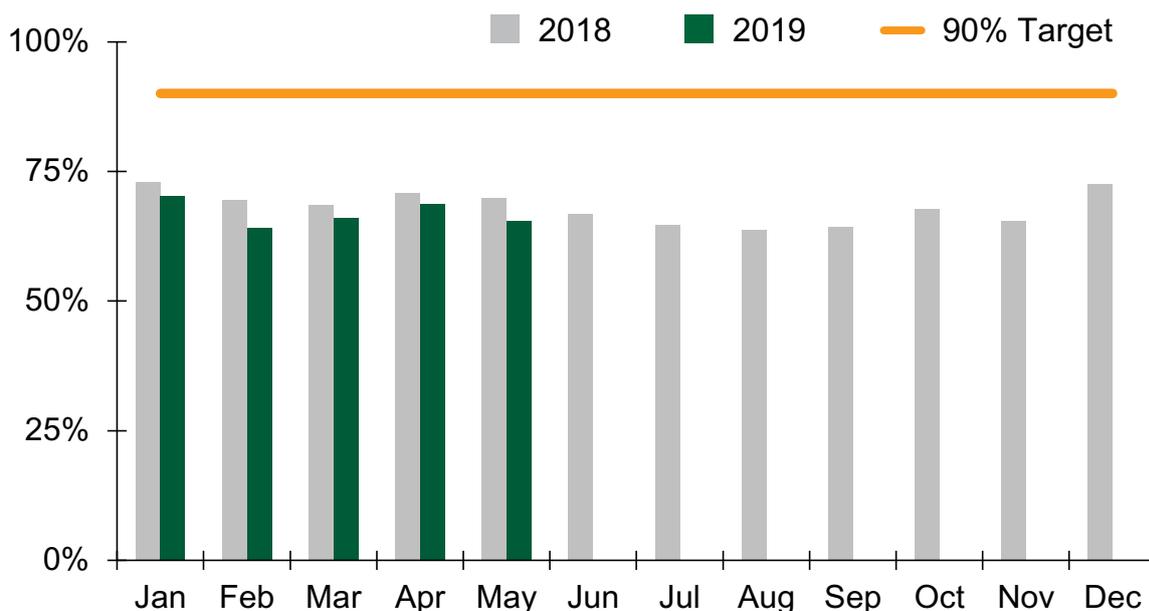
## **North Metropolitan Health Service**

Sir Charles Gairdner Hospital  
King Edward Memorial Hospital  
Joondalup Health Campus

## Sir Charles Gairdner Hospital

May 2019		Compared to May 2018		
6,187	total emergency department attendances	↑	5.6%	increase of 327 more emergency department attendances
65.4%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	4.4%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
52.6%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	6.5%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
30.5%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	7.8%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
79.7%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	3.7%	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	↑	0.3%	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**

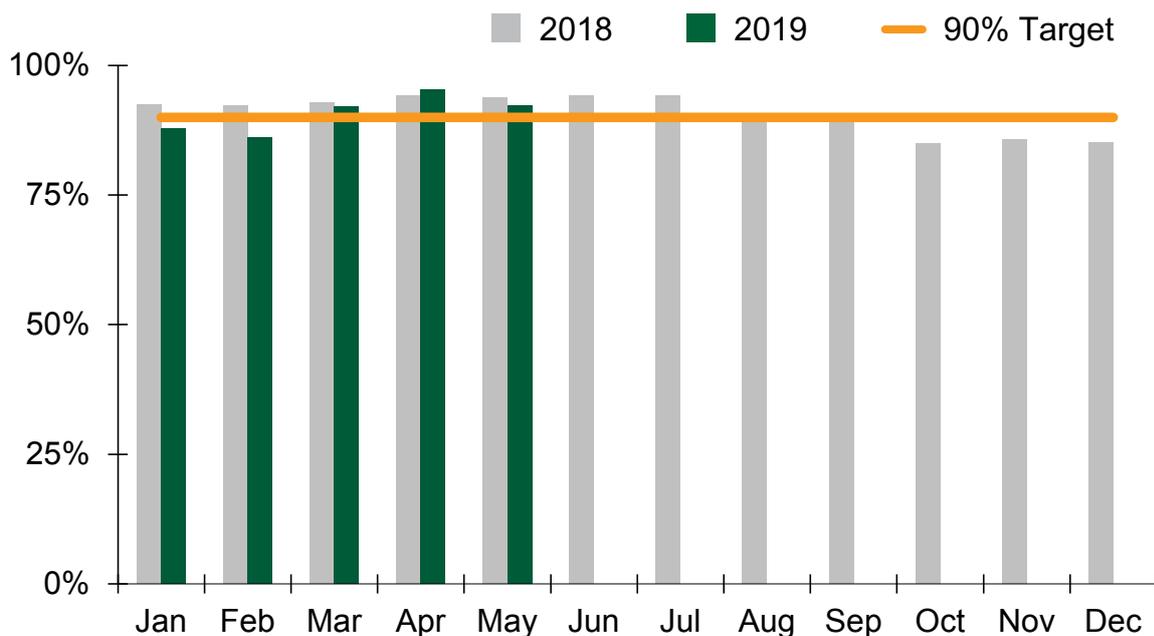


See Notes on [page 34](#) for additional comments on the figures shown.

## King Edward Memorial Hospital

May 2019		Compared to May 2018		
832	total emergency department attendances	↓	5.5%	decrease or 48 less emergency department attendance
92.3%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	1.6%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
69.0%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	10.8%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
86.7%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	3.3%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
95.2%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	0.7%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
0.0%	in-hospital mortality for admissions from emergency department	↓	1.0%	decrease 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**

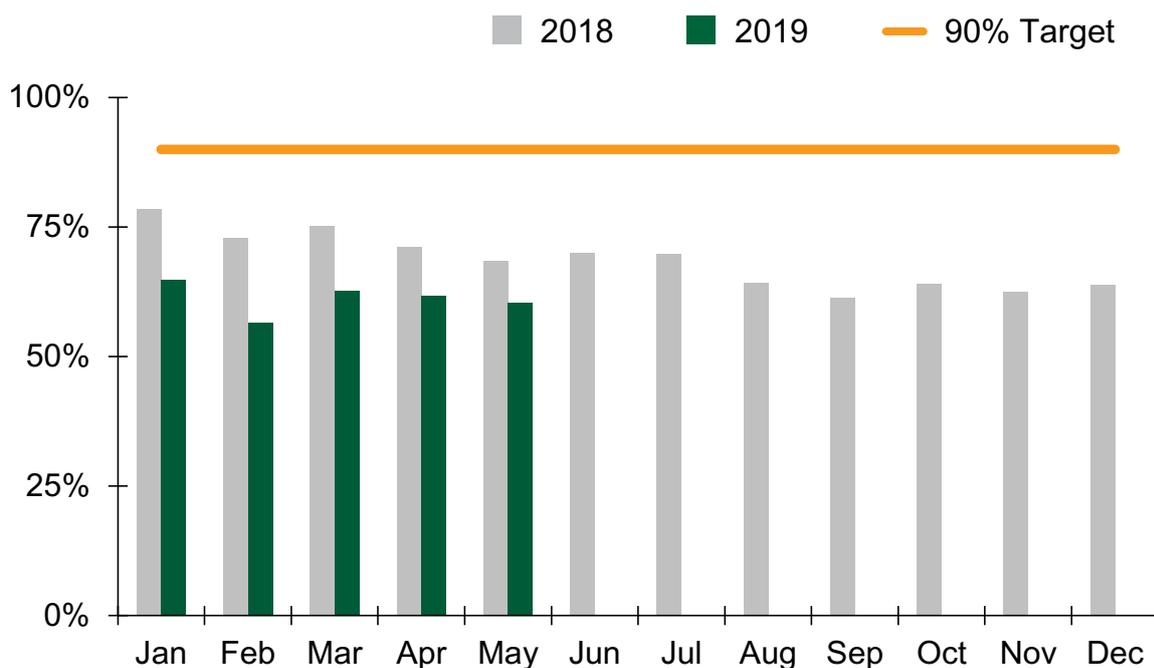


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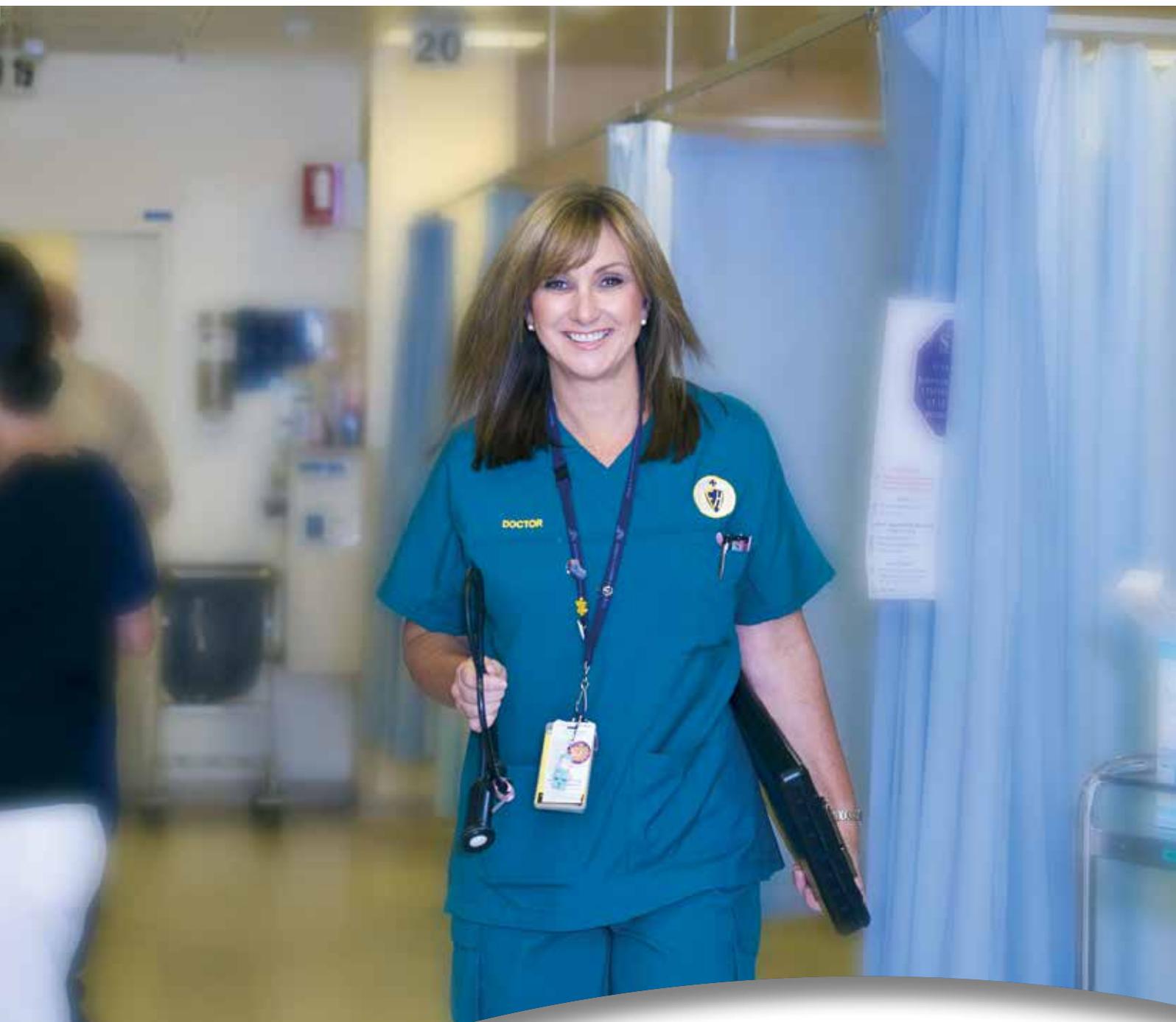
## Joondalup Health Campus

May 2019		Compared to May 2018		
8,732	total emergency department attendances	↑	4.2%	increase or 355 more emergency department attendances
60.3%	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>
38.2%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	8.2%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
53.4%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	7.7%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
70.3%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	9.8%	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	↓	0.1%	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

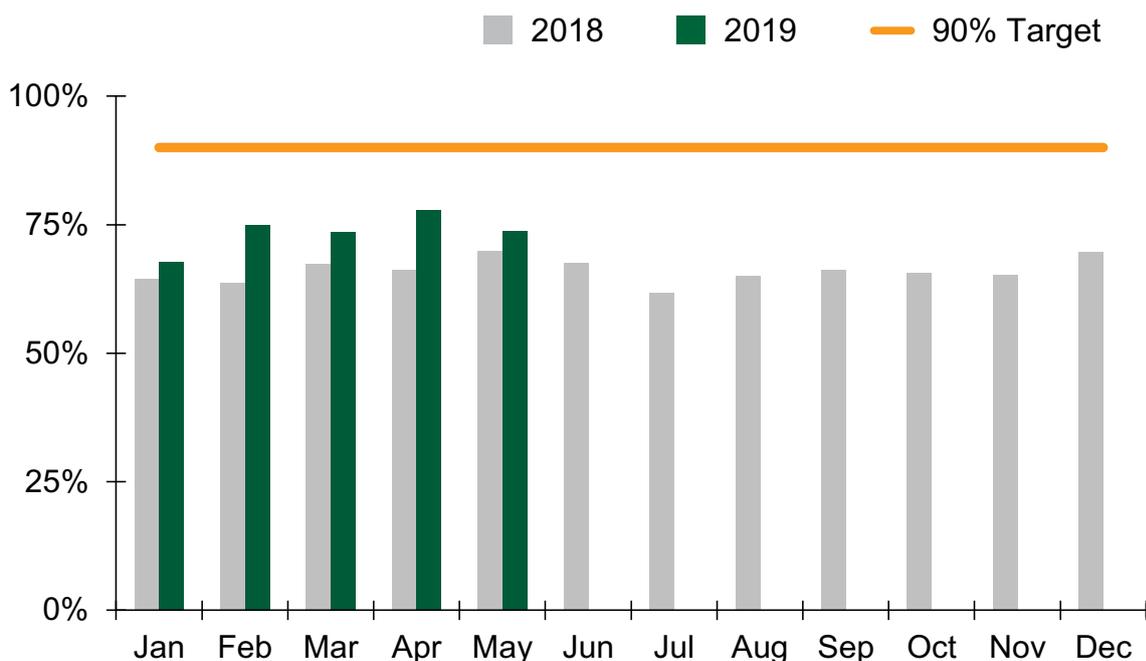
Rockingham General Hospital

Peel Health Campus

## Fiona Stanley Hospital

May 2019		Compared to May 2018		
9,670	total emergency department attendances	↑	7.0%	increase of 632 more emergency department attendances
73.7%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	3.8%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
59.5%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	7.8%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
44.6%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	14.1%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
82.2%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	2.4%	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	↓	0.7%	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**

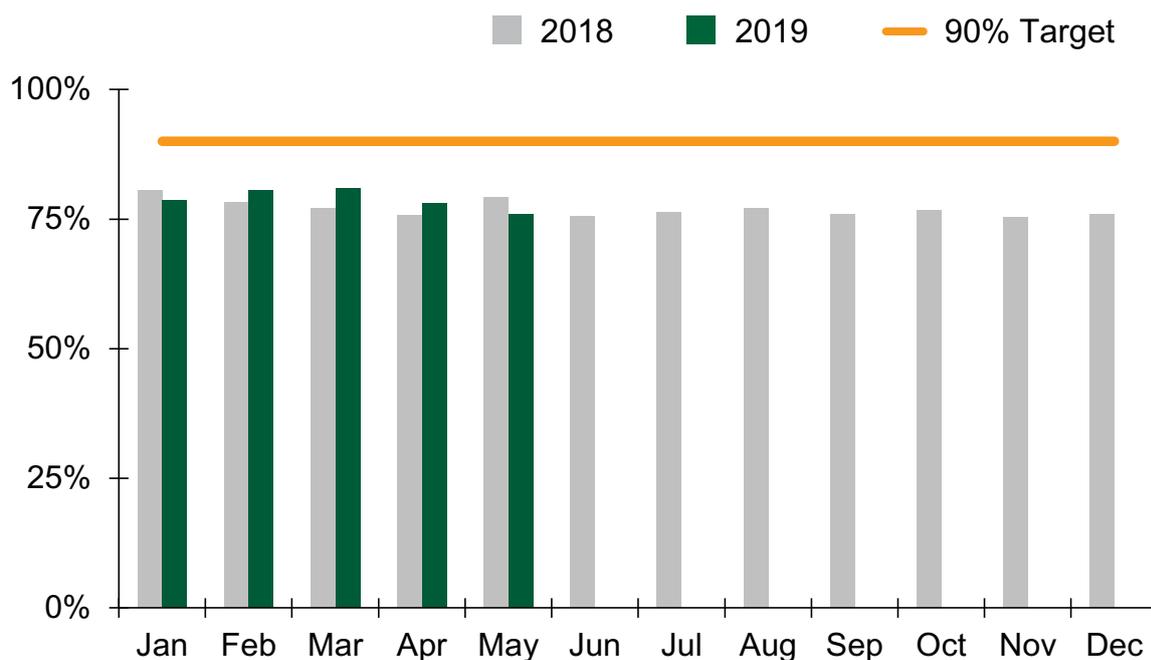


See Notes on [page 34](#) for additional comments on the figures shown.

## Rockingham General Hospital

May 2019		Compared to May 2018		
4,952	total emergency department attendances	↑	8.2%	increase of 374 more emergency department attendances
75.9%	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>
45.5%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	0.9%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
42.7%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	6.4%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
84.6%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	4.3%	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	↓	0.02%	decrease 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**

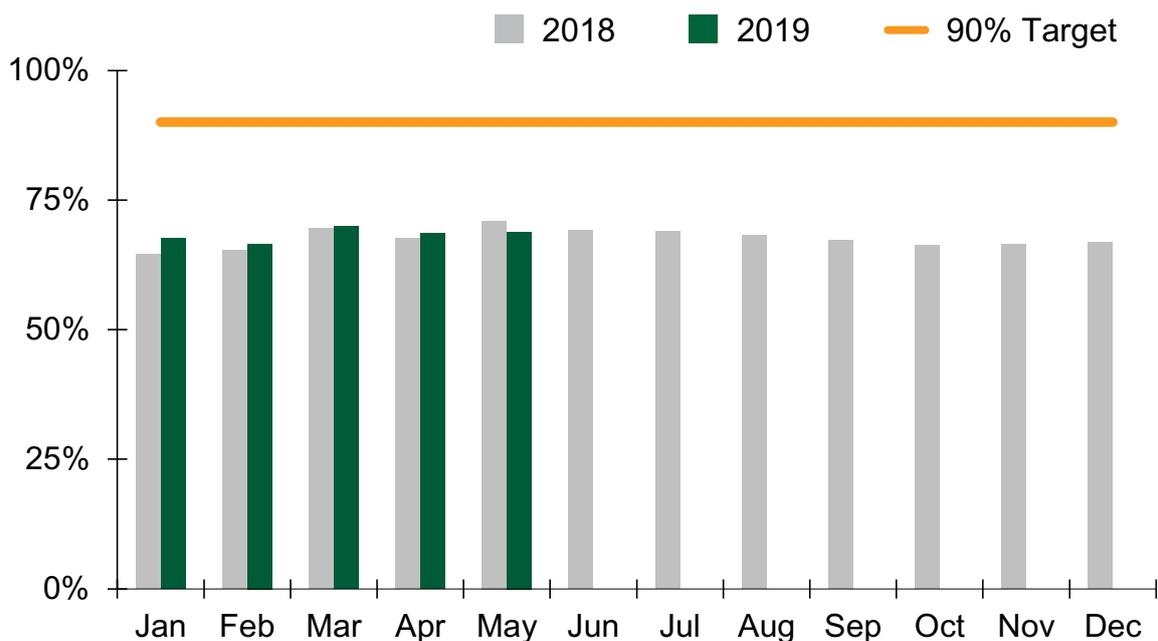


See Notes on [page 34](#) for additional comments on the figures shown.

## Peel Health Campus

May 2019		Compared to May 2018		
3,741	total emergency department attendances	↑	8.2%	increase of 285 more emergency department attendances
68.8%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	2.2%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
49.3%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	2.1%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
30.6%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	3.6%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
78.4%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	2.0%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
0.9%	in-hospital mortality for admissions from emergency department	↓	0.8%	decrease 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**

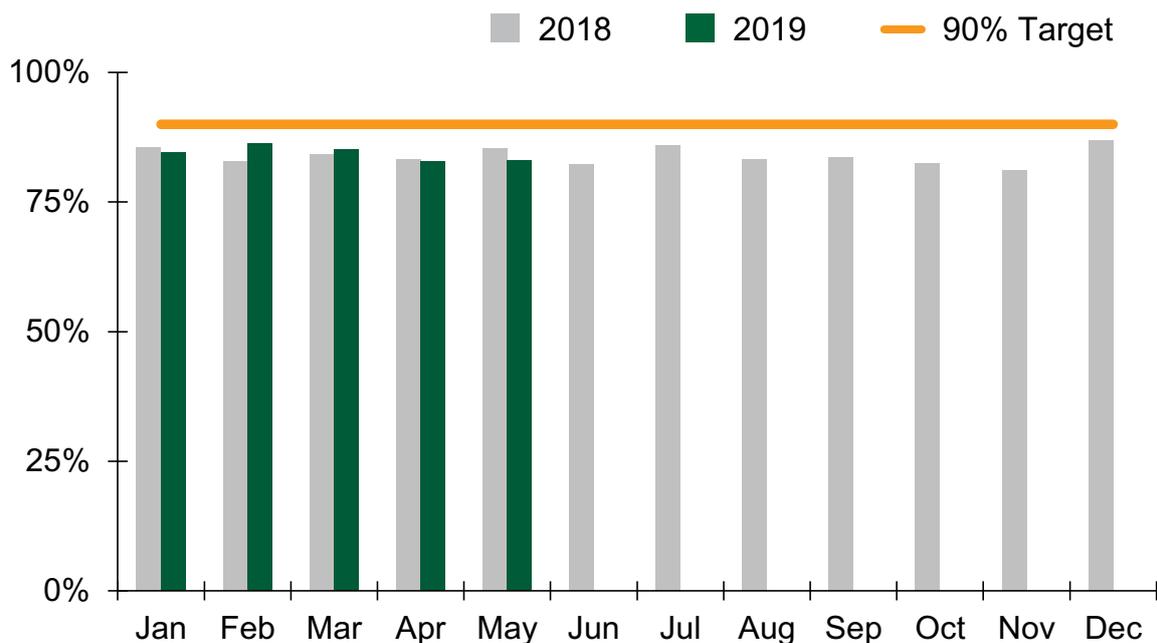
Albany Hospital  
Broome Hospital  
Bunbury Regional Hospital  
Busselton Hospital  
Carnarvon Hospital  
Derby Hospital  
Esperance Hospital  
Geraldton Hospital

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

## Albany Hospital

May 2019		Compared to May 2018		
2,347	total emergency department attendances	↑	11.3%	increase of 239 more emergency department attendances
83.0%	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>
51.1%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	11.0%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
66.0%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	0.7%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
92.2%	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>
0.6%	in-hospital mortality for admissions from emergency department	↑	0.6%	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**

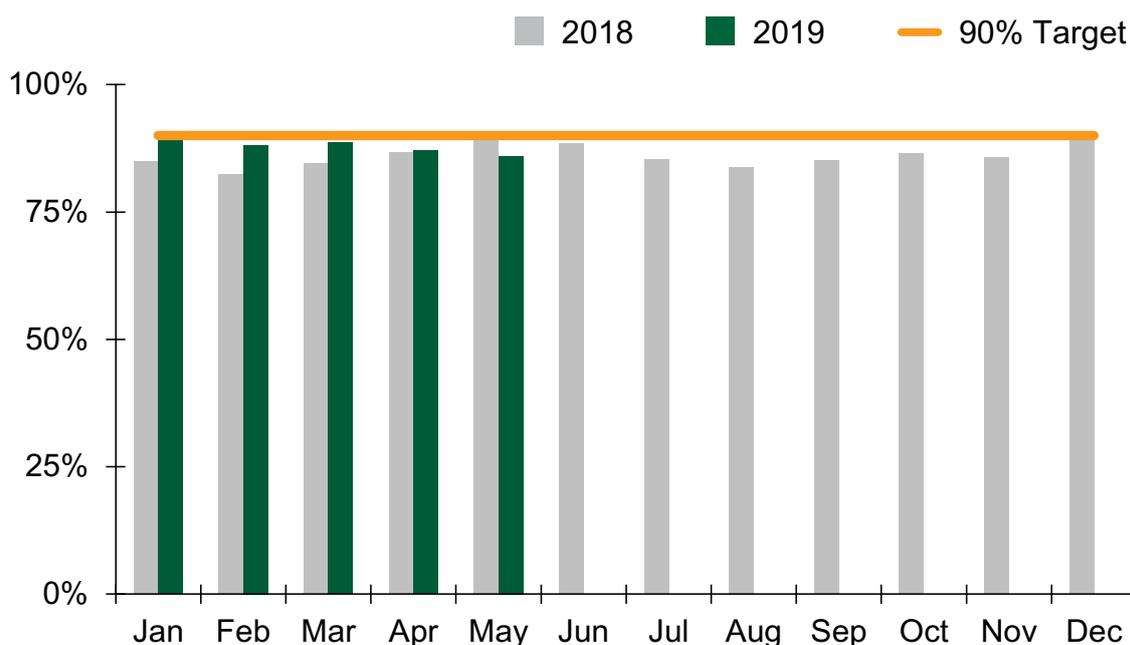


See Notes on [page 34](#) for additional comments on the figures shown.

## Broome Hospital

May 2019		Compared to May 2018		
2,022	total emergency department attendances	↑	4.2%	increase or 81 more emergency department attendances
86.0%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	3.6%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
48.7%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	14.5%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
73.9%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	1.1%	decrease 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>	↓	2.2%	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	↓	1.9%	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**

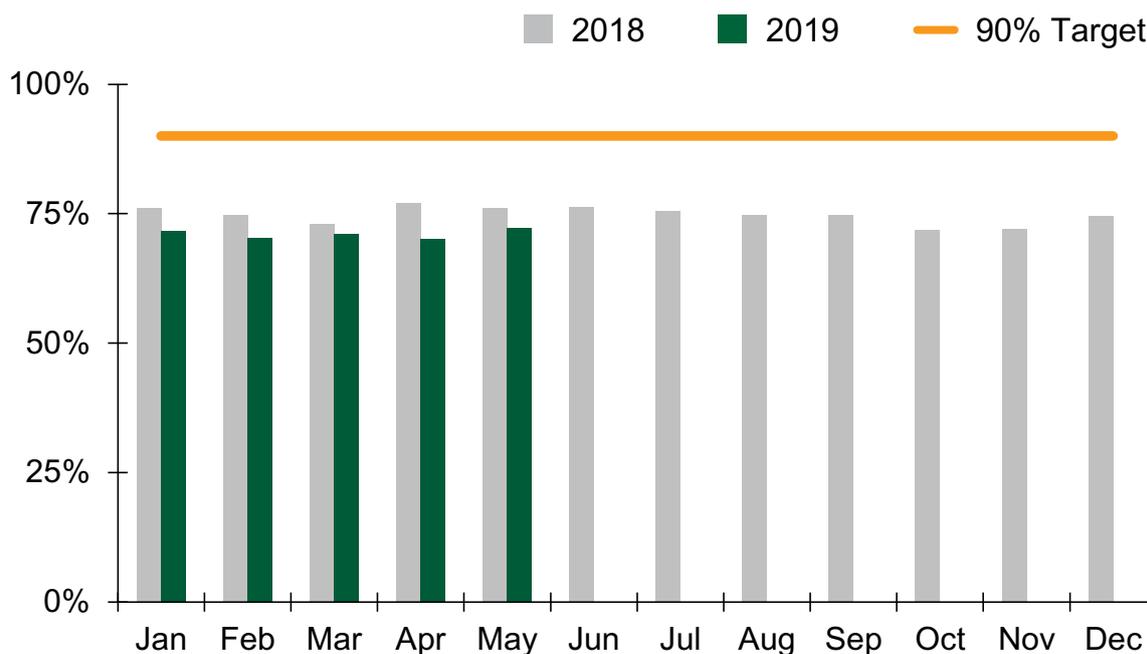


See Notes on [page 34](#) for additional comments on the figures shown.

## Bunbury Regional Hospital

May 2019		Compared to May 2018		
3,592	total emergency department attendances	↑	8.7%	increase of 288 more emergency department attendances
72.2%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	3.9%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
54.4%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	5.3%	decrease 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>	↓	16.5%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
80.6%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	3.9%	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	↑	0.8%	increase 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**

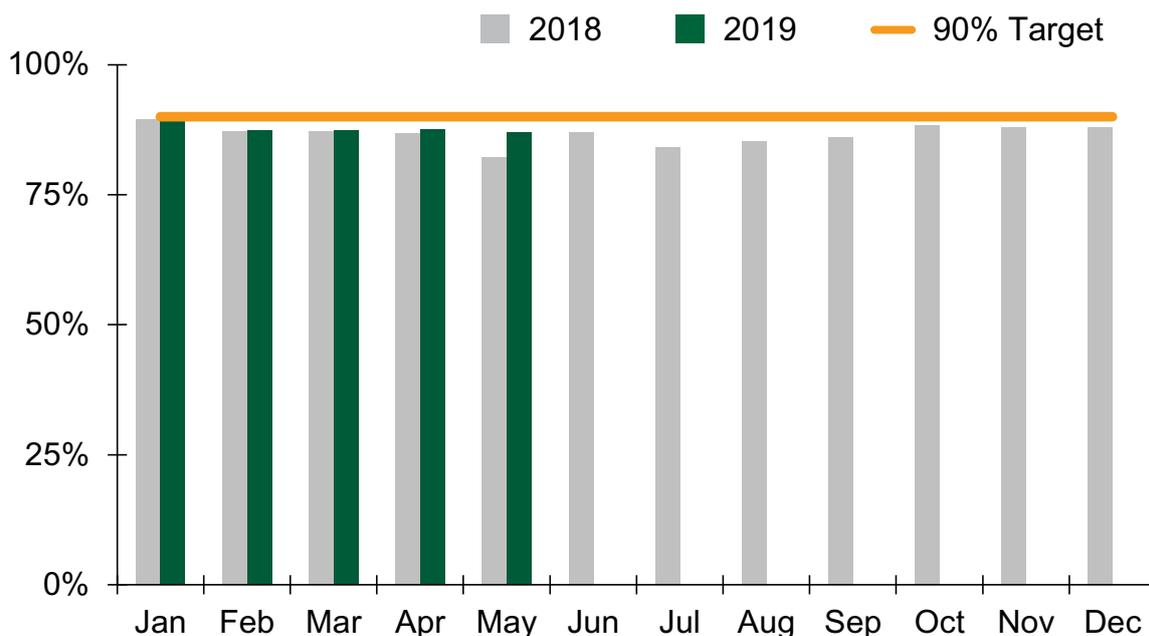


See Notes on [page 34](#) for additional comments on the figures shown.

## Busselton Hospital

May 2019		Compared to May 2018		
1,838	total emergency department attendances	↑	4.5%	increase of 79 more emergency department attendances
86.9%	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>
54.5%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	21.6%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
60.2%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↑	5.1%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
92.5%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	2.6%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
2.9%	in-hospital mortality for admissions from emergency department	↑	0.1%	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**

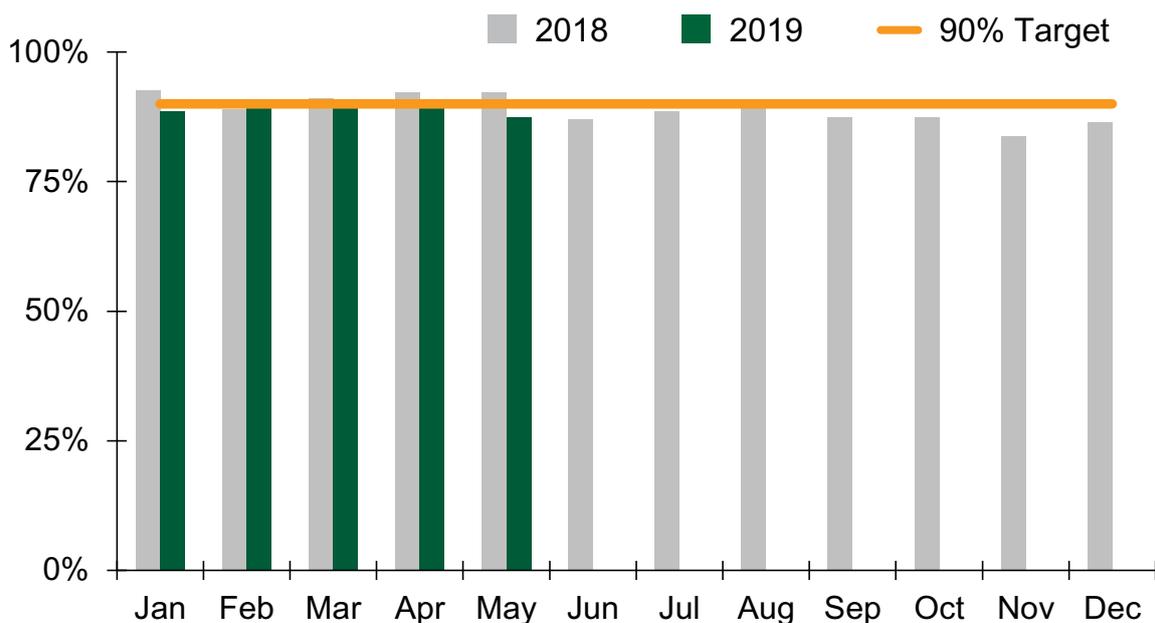


See Notes on [page 34](#) for additional comments on the figures shown.

## Carnarvon Hospital

May 2019		Compared to May 2018		
804	total emergency department attendances	↑	6.5%	increase or 49 less emergency department attendances
87.4%	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>
37.3%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	30.3%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
33.3%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↔	0.0%	no change 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>	↓	2.5%	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	↓	3.2%	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**

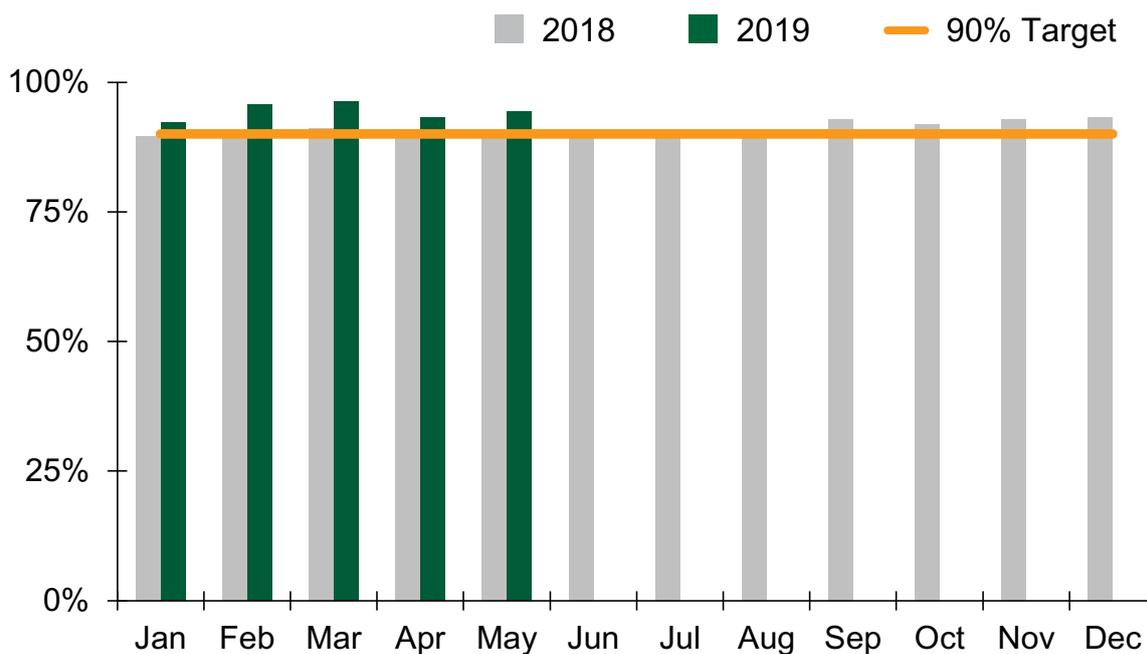


See Notes on [page 34](#) for additional comments on the figures shown.

## Derby Hospital

May 2019		Compared to May 2018		
1,190	total emergency department attendances	↑	10.4%	increase or 112 less emergency department attendances
94.4%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	4.0%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
64.6%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	1.8%	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>	↓	16.3%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
97.9%	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>
0.0%	in-hospital mortality for admissions from emergency department	↔	0.0%	no change 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**

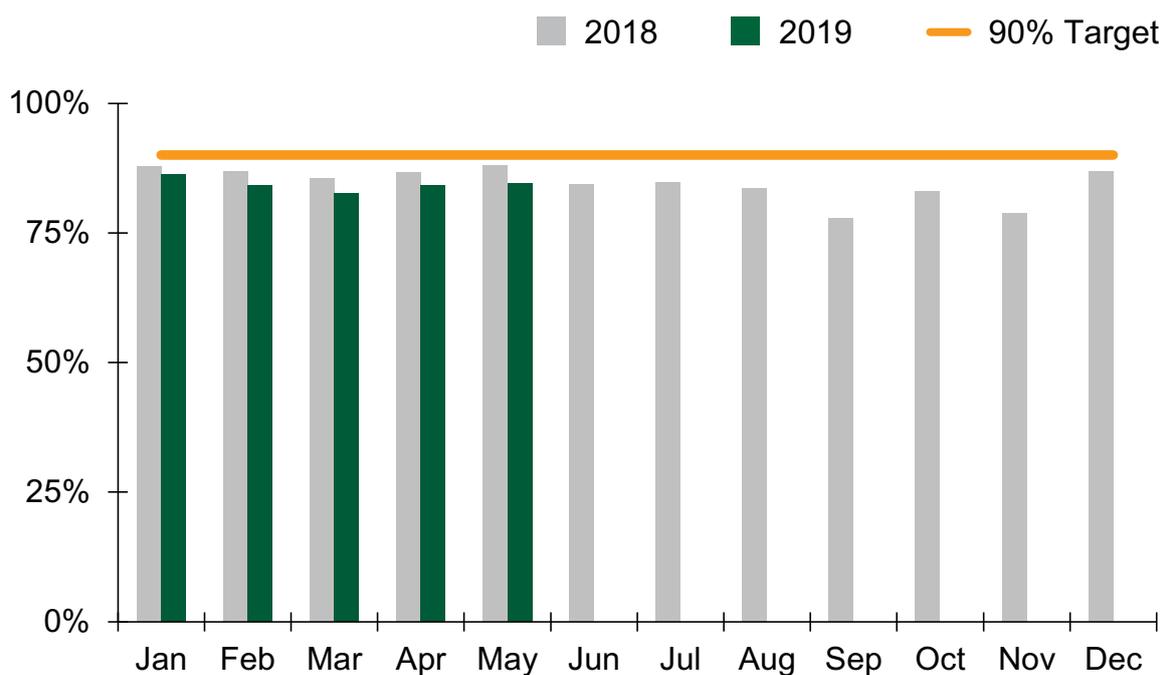


See Notes on [page 34](#) for additional comments on the figures shown.

## Esperance Hospital

May 2019		Compared to May 2018		
966	total emergency department attendances	↑	24.6%	increase of 191 more emergency department attendances
84.5%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	3.5%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
40.2%	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>
0.0%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	33.3%	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>	↓	2.9%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
1.9%	in-hospital mortality for admissions from emergency department	↓	0.8%	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**

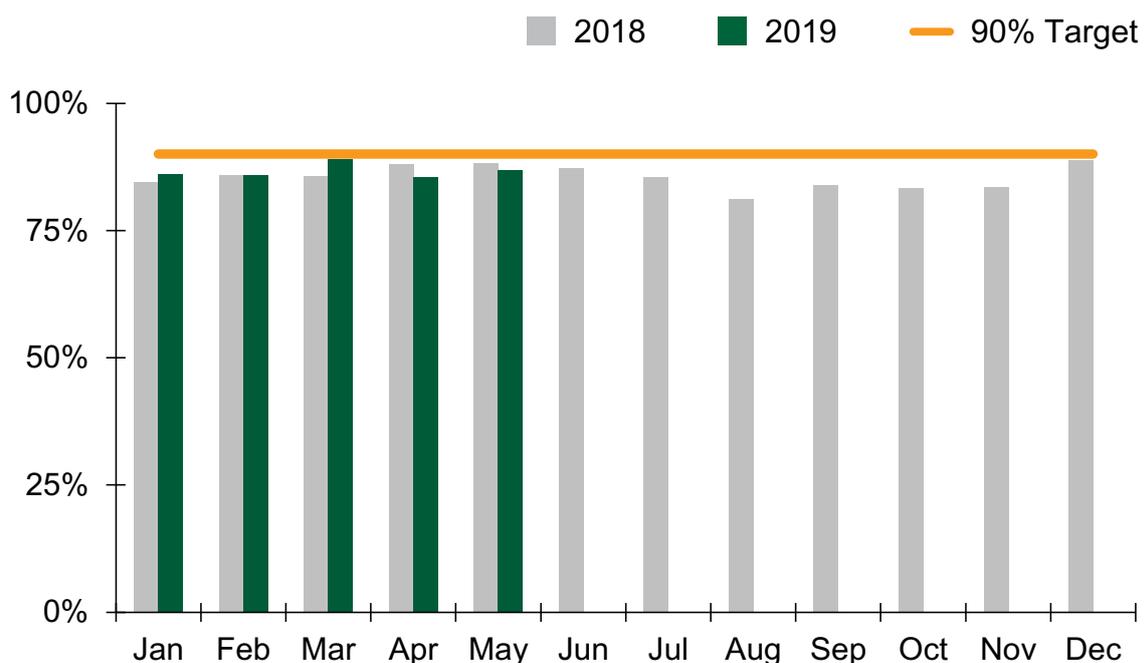


See Notes on [page 34](#) for additional comments on the figures shown.

## Geraldton Hospital

May 2019		Compared to May 2018		
2,704	total emergency department attendances	↑	10.9%	increase of 265 more emergency department attendances
86.9%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	1.4%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
75.2%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	2.4%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
43.2%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	3.6%	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>	↓	1.6%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
0.2%	in-hospital mortality for admissions from emergency department	↓	1.3%	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**

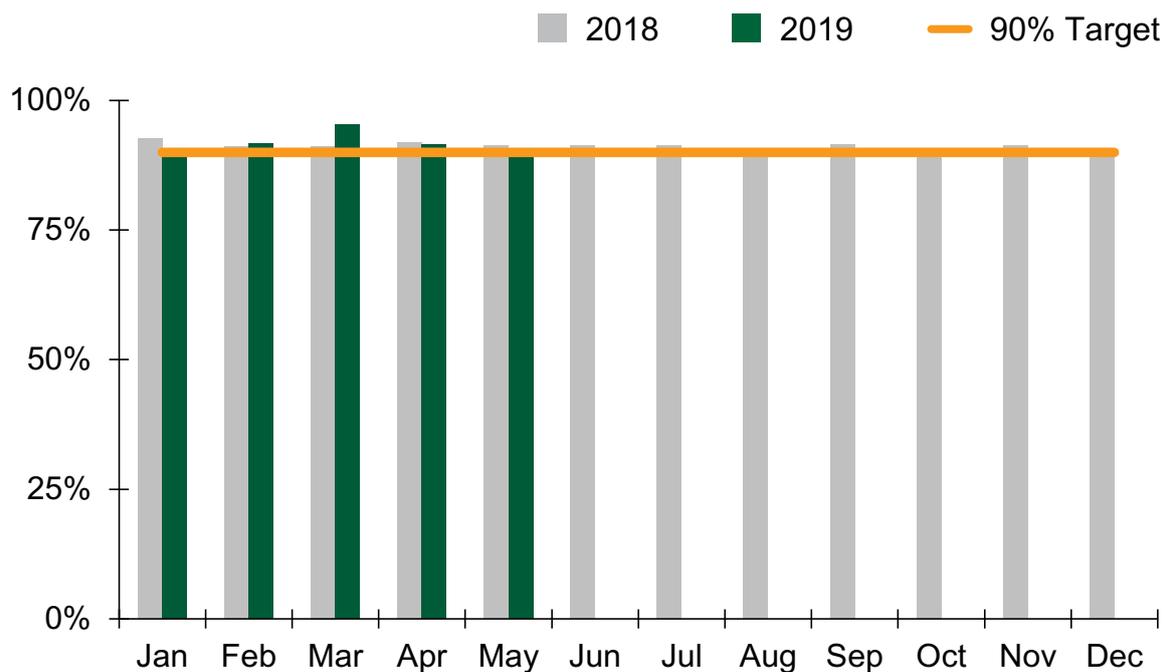


See Notes on page 34 for additional comments on the figures shown.

## Hedland Health Campus

May 2019		Compared to May 2018		
2,241	total emergency department attendances	↑	13.2%	increase of 262 more emergency department attendances
89.3%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	2.0%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
50.0%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	17.4%	decrease in emergency department admissions with LOE of four hours or less <sup>1</sup>
41.7%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	16.7%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
94.8%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	0.7%	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	↑	0.7%	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**

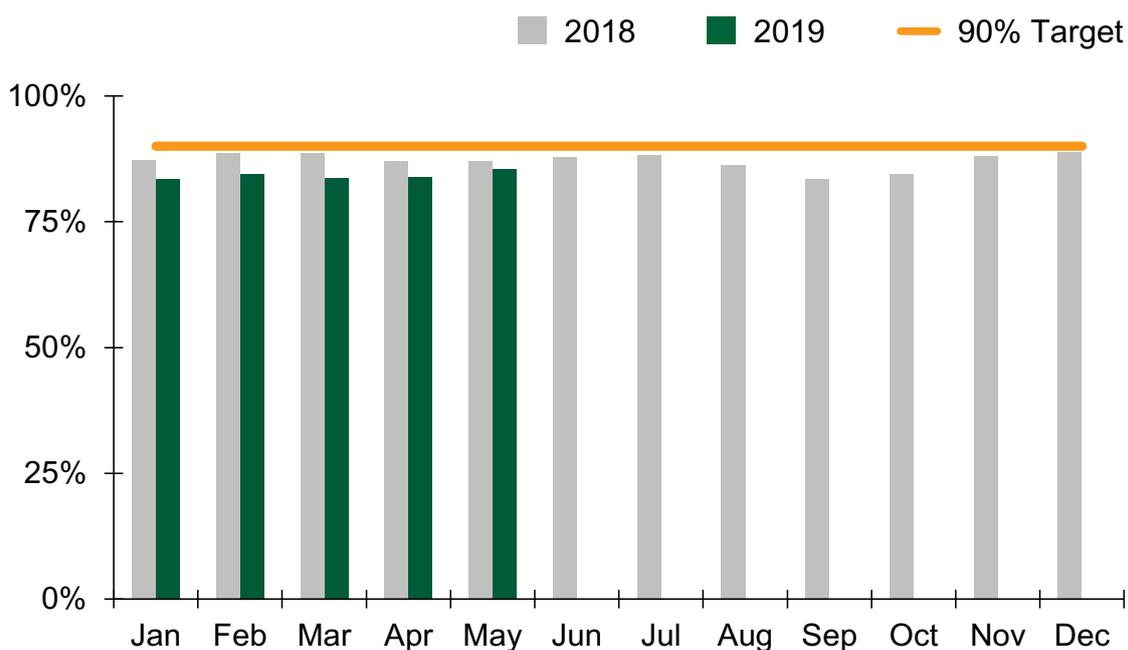


See Notes on [page 34](#) for additional comments on the figures shown.

## Kalgoorlie Hospital

May 2019		Compared to May 2018		
2,279	total emergency department attendances	↑	11.6%	increase of 237 more emergency department attendances
85.4%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↓	1.6%	decrease in emergency department attendances with LOE of four hours or less <sup>1</sup>
43.7%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↓	13.1%	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>	↑	2.4%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
93.4%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	0.5%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
0.6%	in-hospital mortality for admissions from emergency department	↑	0.6%	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**

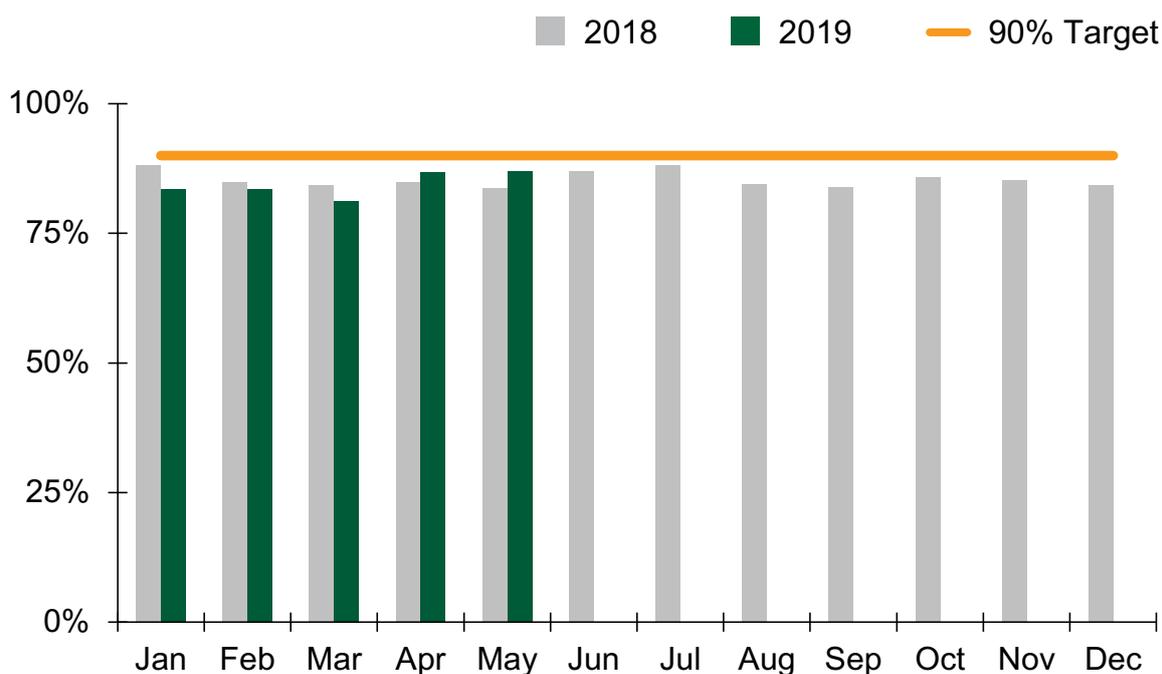


See Notes on [page 34](#) for additional comments on the figures shown.

## Karratha Health Campus/Nickol Bay Hospital

May 2019		Compared to May 2018		
1,843	total emergency department attendances	↑	3.6%	increase or 64 more emergency department attendances
87.0%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	3.4%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
36.5%	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>
43.5%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	4.9%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
92.1%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	2.0%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
1.3%	in-hospital mortality for admissions from emergency department	↑	1.3%	increase 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**

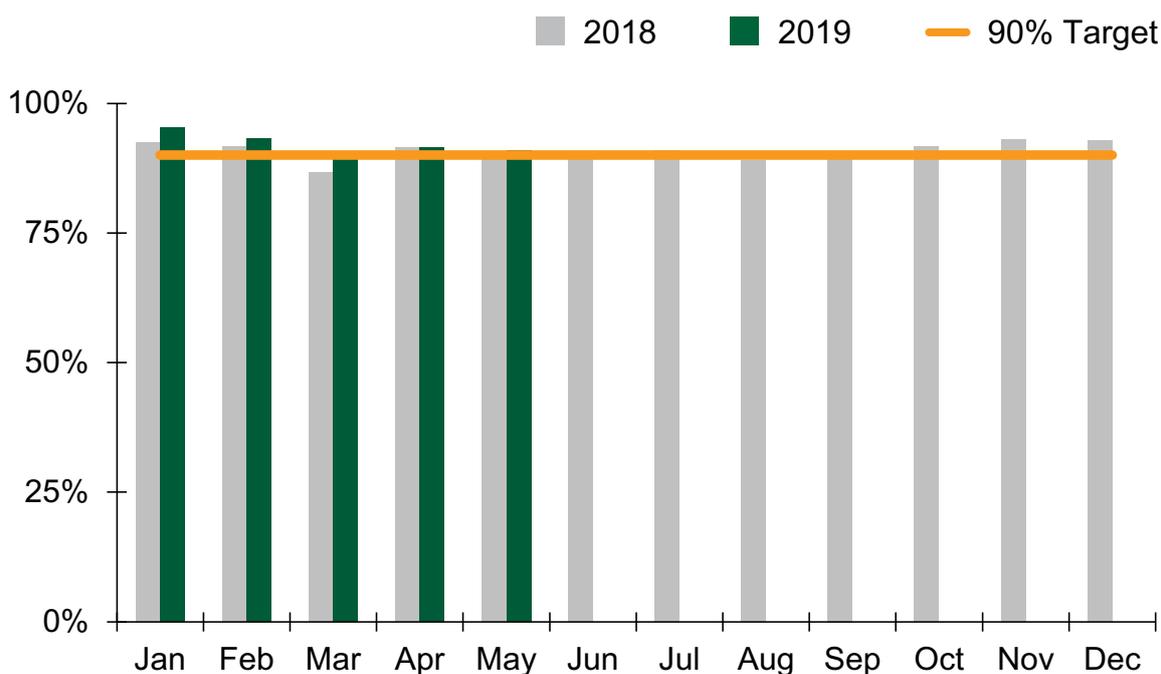


See Notes on [page 34](#) for additional comments on the figures shown.

## Kununurra Hospital

May 2019		Compared to May 2018		
1,168	total emergency department attendances	↑	2.5%	increase of 28 more emergency department attendances
90.8%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	0.5%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
70.6%	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>
27.3%	emergency department transfers with LOE of four hours or less <sup>1</sup>	↓	46.1%	decrease in emergency department transfers with LOE of four hours or less <sup>1</sup>
94.9%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑	0.6%	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	↓	2.5%	decrease in in-hospital mortality for admissions from emergency department

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

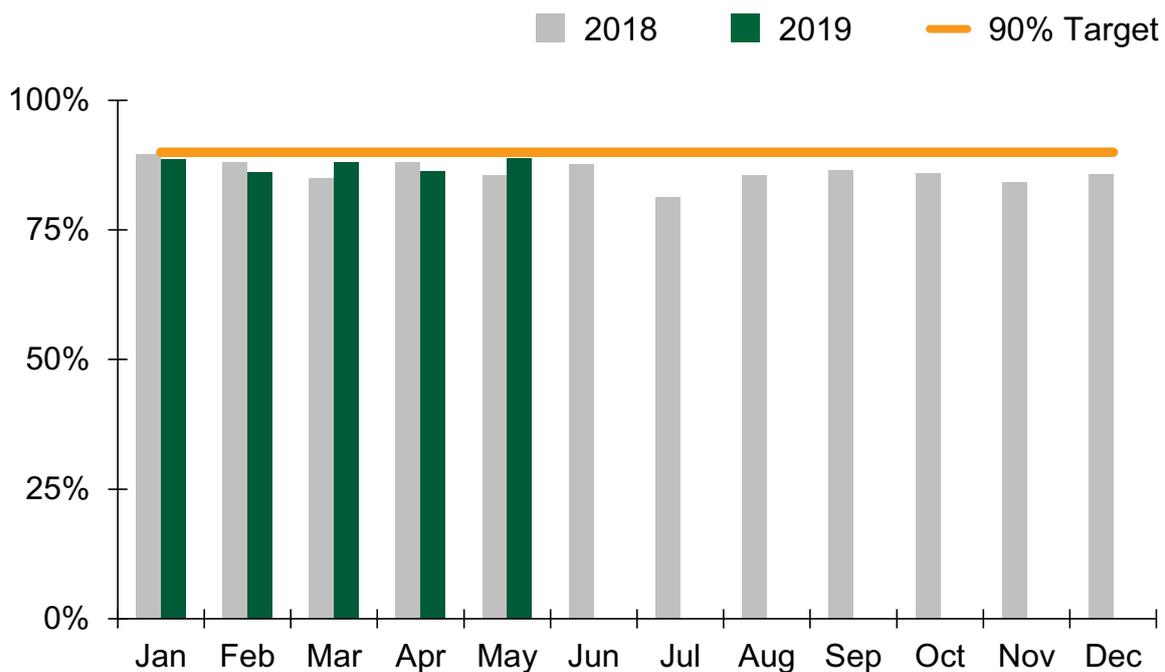


See Notes on [page 34](#) for additional comments on the figures shown.

## Narrogin Hospital

May 2019		Compared to May 2018		
786	total emergency department attendances	↑	24.4%	increase of 154 more emergency department attendances
88.8%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑	3.4%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
68.8%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑	9.6%	increase 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>	↑	18.5%	increase in emergency department transfers with LOE of four hours or less <sup>1</sup>
94.3%	emergency department departures with LOE of four hours or less <sup>1</sup>	↓	0.1%	decrease in emergency department departures with LOE of four hours or less <sup>1</sup>
0.7%	in-hospital mortality for admissions from emergency department	↓	0.8%	decrease 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**

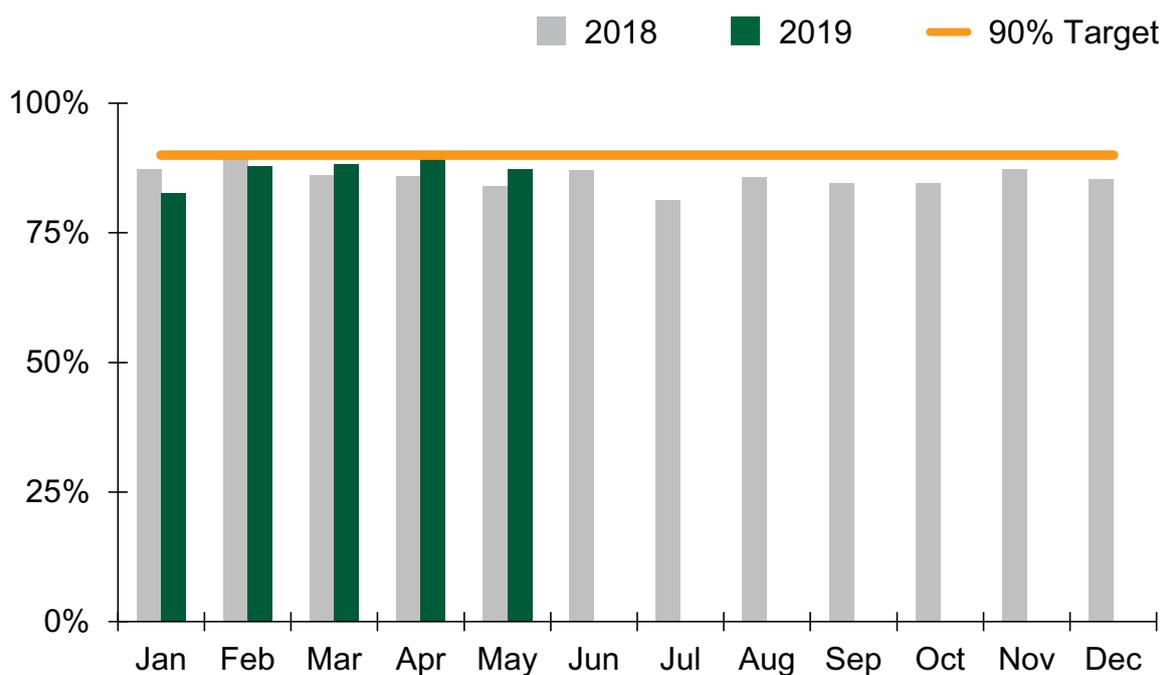


See Notes on [page 34](#) for additional comments on the figures shown.

## Northam Hospital

May 2019		Compared to May 2018	
1,286	total emergency department attendances	↑ 25.7%	increase of 263 more emergency department attendances
87.2%	emergency department attendances with length of episode (LOE) of four hours or less <sup>1</sup>	↑ 3.4%	increase in emergency department attendances with LOE of four hours or less <sup>1</sup>
64.9%	emergency department admissions with LOE of four hours or less <sup>1</sup>	↑ 5.4%	increase in emergency department admissions with LOE of four hours or less <sup>1</sup>
66.3%	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>
91.6%	emergency department departures with LOE of four hours or less <sup>1</sup>	↑ 1.1%	increase in emergency department departures with LOE of four hours or less <sup>1</sup>
3.0%	in-hospital mortality for admissions from emergency department	↑ 1.6%	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) (05/06/2019).
<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) (05/06/2019).
<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) (05/06/2019).
<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) (05/06/2019).
<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) (05/06/2019).
<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 (03/06/2019).
<b>Report prepared by:</b>	Purchasing and System Performance Division, Department of Health, WA.

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