



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

Western Australia Emergency Access Target

Performance Quarterly Report

October to December 2017 Quarter



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): Princess Margaret Hospital.

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

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

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

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

Providing the best care

The 2009 Four Hour Rule Program and the subsequent National Emergency Access Target have used clinical service redesign and improvement processes to significantly change the way our hospitals operate. This resulted in improved patient care for Western Australians.

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

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

What does this report show?

This quarterly performance report shows how HSPs (CAHS, EMHS, NMHS, SMHS and WACHS) are progressing towards the WEAT. For the October to December 2017 quarter:

- The statewide number of ED attendances increased by 4.3% from the October to December 2016 quarter (226,913) to the October to December 2017 quarter (236,680).
- The statewide WEAT quarterly performance improved from 73.2% for the October to December 2016 quarter, to 76.2% for the October to December 2017 quarter.
- The table of WEAT performance by HSP and hospital (page 4) shows that:
 - At HSP level, CAHS (88.2%) and WACHS (84.8%) were the closest to achieving the target of 90%.
 - At hospital level, King Edward Memorial Hospital (92.1%), Hedland Health Campus (92.3%) and Derby Hospital (90.1%) achieved the WEAT target.
 - There was a significant improvement in WEAT Performance from the October to December 2016 quarter to the October to December 2017 quarter at following hospitals:
 - Geraldton Hospital: from 72.9% to 81.4%.
 - Sir Charles Gairdner Hospital: from 65.1% to 74.8%.
 - SJOG Midland Public Hospital: from 65.5% to 72.1%.

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

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

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

Western Australian Emergency Access Target Performance – October to December 2017 Quarter

Health Service Provider	Number of Emergency Department Attendances			Percentage of Emergency Department Attendances with Length of Episode of Four Hours or Less				
	Oct to Dec 2016	Oct to Dec 2017	Variance	Oct to Dec 2016	Oct to Dec 2017	Variance#		
Child and Adolescent Health Service (CAHS)								
Princess Margaret Hospital	15,333	15,875	↑	3.5%	89.6%	88.2%	↓	1.4%
Total CAHS	15,333	15,875	↑	3.5%	89.6%	88.2%	↓	1.4%
East Metropolitan Health Service (EMHS)								
Royal Perth Hospital	18,009	18,618	↑	3.4%	62.7%	69.5%	↑	6.9%
Armadale Hospital	15,034	15,207	↑	1.2%	73.0%	70.3%	↓	2.7%
SJOG Midland Public Hospital	16,350	18,161	↑	11.1%	65.5%	72.1%	↑	6.5%
Total EMHS	49,393	51,986	↑	5.2%	66.8%	70.6%	↑	3.9%
North Metropolitan Health Service (NMHS)								
Sir Charles Gairdner Hospital	17,270	17,824	↑	3.2%	65.1%	74.8%	↑	9.7%
King Edward Memorial Hospital	3,022	2,687	↓	11.1%	93.7%	92.1%	↓	1.6%
Joondalup Health Campus	24,844	25,400	↑	2.2%	64.4%	67.1%	↑	2.7%
Total NMHS	45,136	45,911	↑	1.7%	66.6%	71.5%	↑	4.9%
South Metropolitan Health Service (SMHS)								
Fiona Stanley Hospital	25,159	27,448	↑	9.1%	64.3%	68.1%	↑	3.8%
Rockingham General Hospital	13,667	14,213	↑	4.0%	76.5%	79.3%	↑	2.8%
Peel Health Campus	11,129	11,125	↓	0.04%	63.6%	65.4%	↑	1.8%
Total SMHS	49,955	52,786	↑	5.7%	67.5%	70.5%	↑	3.0%
WA Country Health Service (WACHS)								
Albany Hospital	6,148	6,965	↑	13.3%	83.8%	84.0%	↑	0.2%
Broome Hospital	5,513	6,039	↑	9.5%	90.7%	86.5%	↓	4.2%
Bunbury Hospital	10,173	10,440	↑	2.6%	70.2%	75.5%	↑	5.2%
Busselton Hospital	5,934	6,134	↑	3.4%	83.9%	87.7%	↑	3.8%
Carvarvon Hospital	2,307	2,012	↓	12.8%	86.0%	89.5%	↑	3.4%
Derby Hospital	2,574	3,182	↑	23.6%	90.3%	90.1%	↓	0.2%
Esperance Hospital	2,858	2,691	↓	5.8%	81.3%	83.0%	↑	1.7%
Geraldton Hospital	7,699	7,670	↓	0.4%	72.9%	81.4%	↑	8.5%
Hedland Health Campus	5,498	5,717	↑	4.0%	87.9%	92.3%	↑	4.4%
Kalgoorlie Hospital	6,044	6,242	↑	3.3%	89.5%	86.6%	↓	2.9%
Kununurra Hospital	2,545	3,336	↑	31.1%	90.3%	88.5%	↓	1.7%
Narrogin Hospital	2,130	2,088	↓	2.0%	90.2%	87.0%	↓	3.2%
Nickol Bay Hospital	4,487	4,588	↑	2.3%	87.1%	86.6%	↓	0.5%
Northam Hospital	3,186	3,018	↓	5.3%	84.8%	85.4%	↑	0.6%
Total WACHS	67,096	70,122	↑	4.5%	82.9%	84.8%	↑	2.0%
Statewide	226,913	236,680	↑	4.3%	73.2%	76.2%	↑	3.0%
Statewide (excluding Contracted Health Entities*)	174,590	181,994	↑	4.2%	75.8%	78.5%	↑	2.7%
Contracted Health Entities	52,323	54,686	↑	4.5%	64.6%	68.4%	↑	3.8%



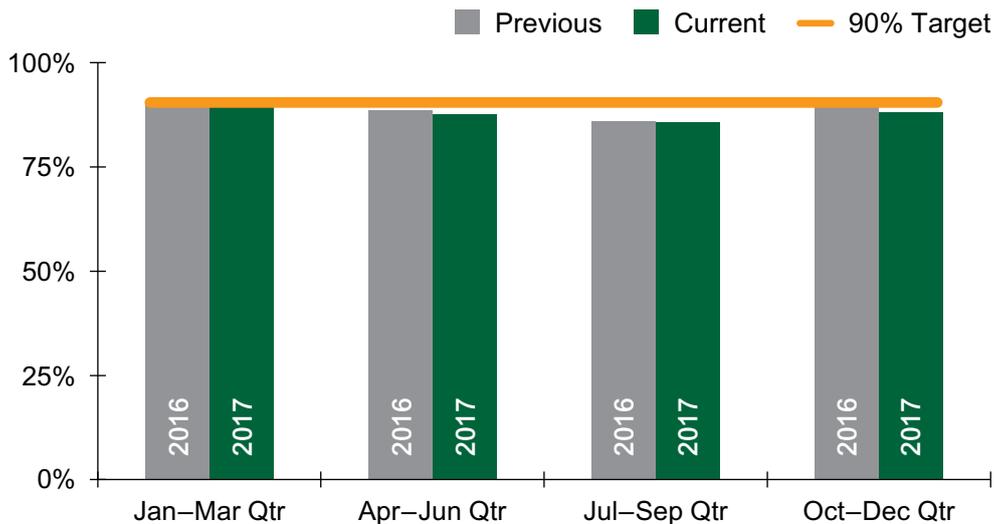
Child and Adolescent Health Service

Princess Margaret Hospital

Princess Margaret Hospital

October to December 2017		Compared to October to December 2016		
15,875	total emergency department attendances	↑	3.5%	increase or 542 more emergency department attendances
88.2%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↓	1.4%	decrease in emergency department attendances with LOE of four hours or less ¹
67.8%	emergency department admissions with LOE of four hours or less ¹	↓	2.7%	decrease in emergency department admissions with LOE of four hours or less ¹
71.9%	emergency department transfers with LOE of four hours or less ¹	↑	9.0%	increase in emergency department transfers with LOE of four hours or less ¹
93.7%	emergency department departures with LOE of four hours or less ¹	↓	1.0%	decrease in emergency department departures with LOE of four hours or less ¹
0.1%	in-hospital mortality for admissions from emergency department	↑	0.1%	increase in in-hospital mortality for admissions from emergency department

Figure 1: Princess Margaret Hospital – Percentage of ED attendances with length of episode of four hours or less



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



East Metropolitan Health Service

Royal Perth Hospital

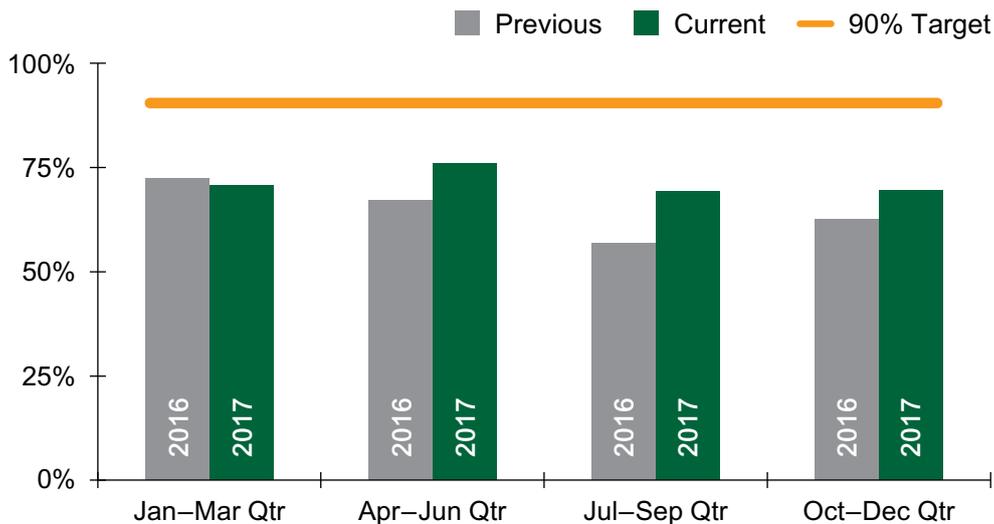
Armadale Hospital

St John of God Midland
Public Hospital

Royal Perth Hospital

October to December 2017		Compared to October to December 2016		
18,618	total emergency department attendances	↑	3.4%	increase of 609 more emergency department attendances
69.5%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↑	6.9%	increase in emergency department attendances with LOE of four hours or less ¹
53.4%	emergency department admissions with LOE of four hours or less ¹	↑	10.5%	increase in emergency department admissions with LOE of four hours or less ¹
35.3%	emergency department transfers with LOE of four hours or less ¹	↓	6.8%	decrease in emergency department transfers with LOE of four hours or less ¹
85.0%	emergency department departures with LOE of four hours or less ¹	↑	9.3%	increase in emergency department departures with LOE of four hours or less ¹
1.3%	in-hospital mortality for admissions from emergency department	↓	0.1%	decrease in in-hospital mortality for admissions from emergency department

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

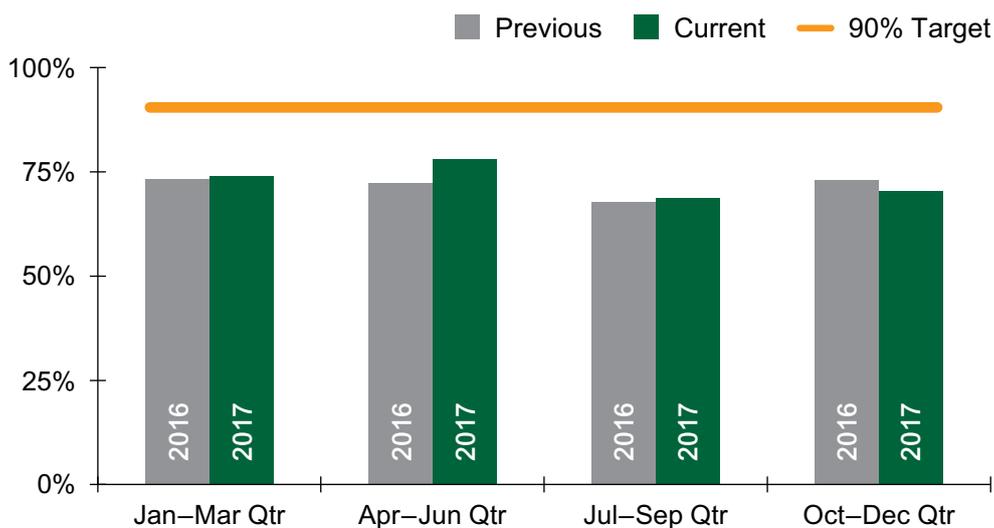


See Notes on page 34 for additional comments on the figures shown.

Armadale Hospital

October to December 2017		Compared to October to December 2016		
15,207	total emergency department attendances	↑	1.2%	increase of 173 more emergency department attendances
70.3%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↓	2.7%	decrease in emergency department attendances with LOE of four hours or less ¹
28.8%	emergency department admissions with LOE of four hours or less ¹	↑	1.7%	increase in emergency department admissions with LOE of four hours or less ¹
39.5%	emergency department transfers with LOE of four hours or less ¹	↓	3.8%	decrease in emergency department transfers with LOE of four hours or less ¹
78.7%	emergency department departures with LOE of four hours or less ¹	↓	2.4%	decrease in emergency department departures with LOE of four hours or less ¹
1.1%	in-hospital mortality for admissions from emergency department	↓	0.5%	decrease in in-hospital mortality for admissions from emergency department

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

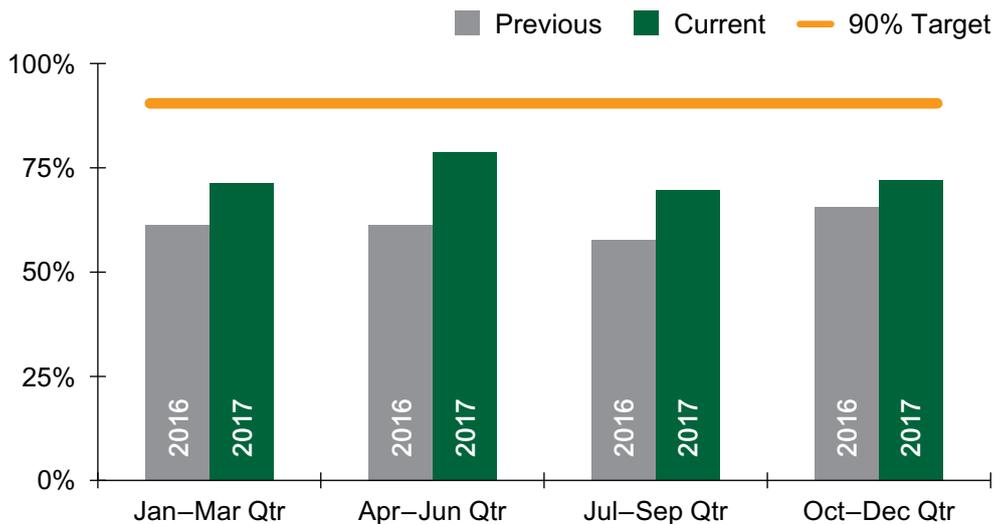


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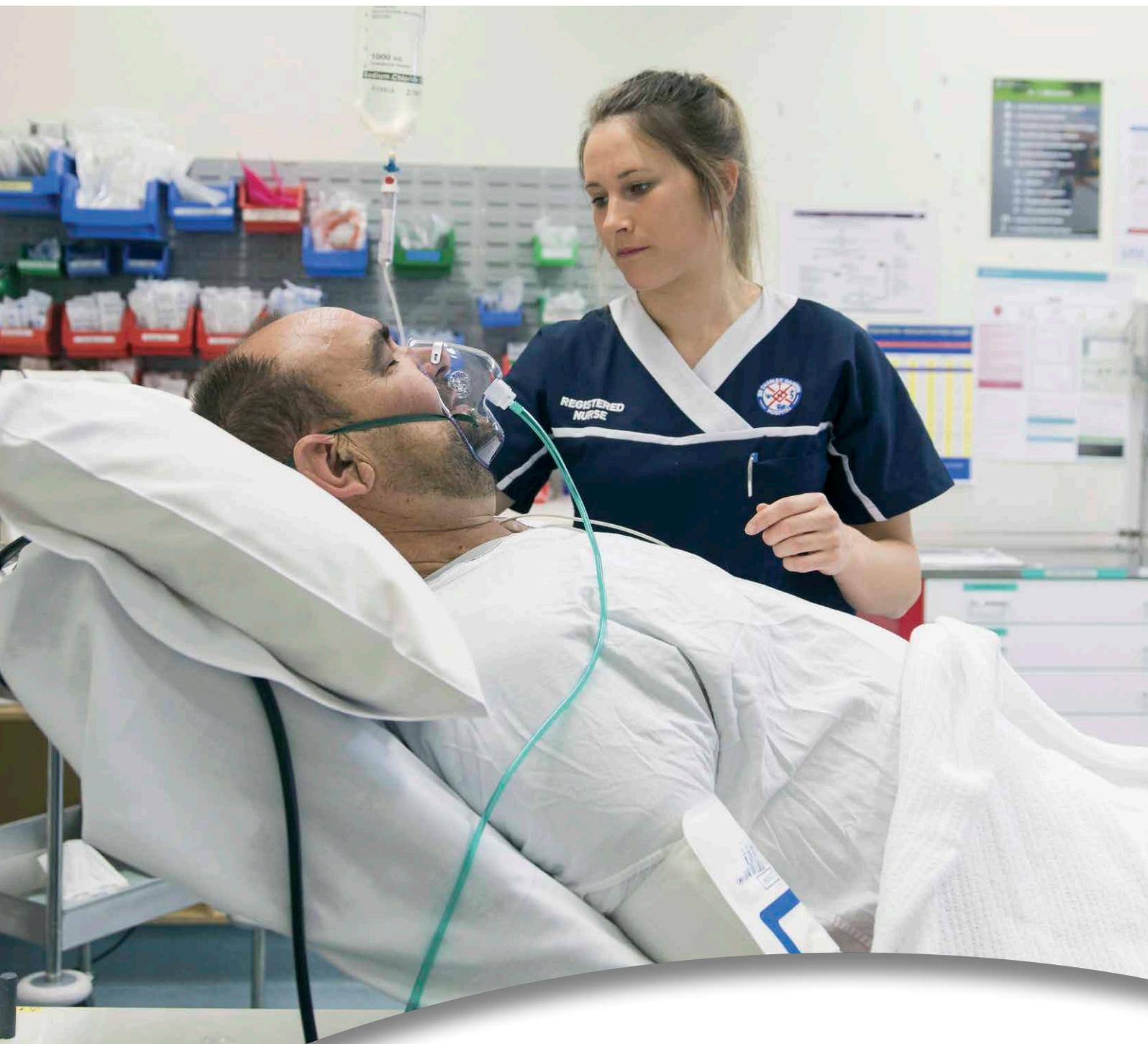
St John of God Midland Public Hospital

October to December 2017		Compared to October to December 2016		
18,161	total emergency department attendances	↑	11.1%	increase or 1,811 more emergency department attendances
72.1%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↑	6.5%	increase in emergency department attendances with LOE of four hours or less ¹
51.3%	emergency department admissions with LOE of four hours or less ¹	↑	6.0%	increase in emergency department admissions with LOE of four hours or less ¹
57.5%	emergency department transfers with LOE of four hours or less ¹	↑	6.4%	increase in emergency department transfers with LOE of four hours or less ¹
81.4%	emergency department departures with LOE of four hours or less ¹	↑	7.3%	increase in emergency department departures with LOE of four hours or less ¹
0.8%	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



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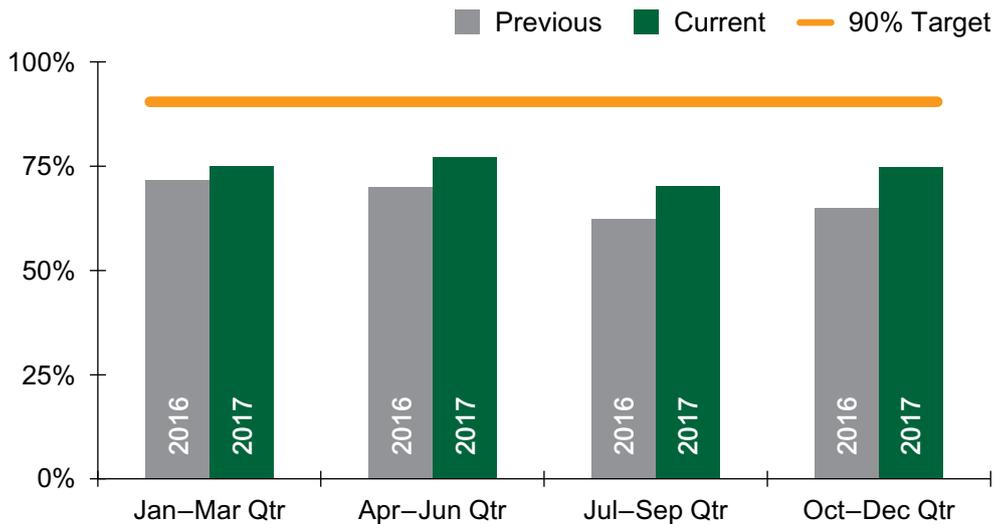
North Metropolitan Health Service

Sir Charles Gairdner Hospital
King Edward Memorial Hospital
Joondalup Health Campus

Sir Charles Gairdner Hospital

October to December 2017		Compared to October to December 2016		
17,824	total emergency department attendances	↑	3.2%	increase or 554 more emergency department attendances
74.8%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↑	9.7%	increase in emergency department attendances with LOE of four hours or less ¹
64.4%	emergency department admissions with LOE of four hours or less ¹	↑	13.6%	increase in emergency department admissions with LOE of four hours or less ¹
43.0%	emergency department transfers with LOE of four hours or less ¹	↑	5.8%	increase in emergency department transfers with LOE of four hours or less ¹
87.2%	emergency department departures with LOE of four hours or less ¹	↑	6.7%	increase in emergency department departures with LOE of four hours or less ¹
2.0%	in-hospital mortality for admissions from emergency department	↓	0.04%	decrease in in-hospital mortality for admissions from emergency department

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

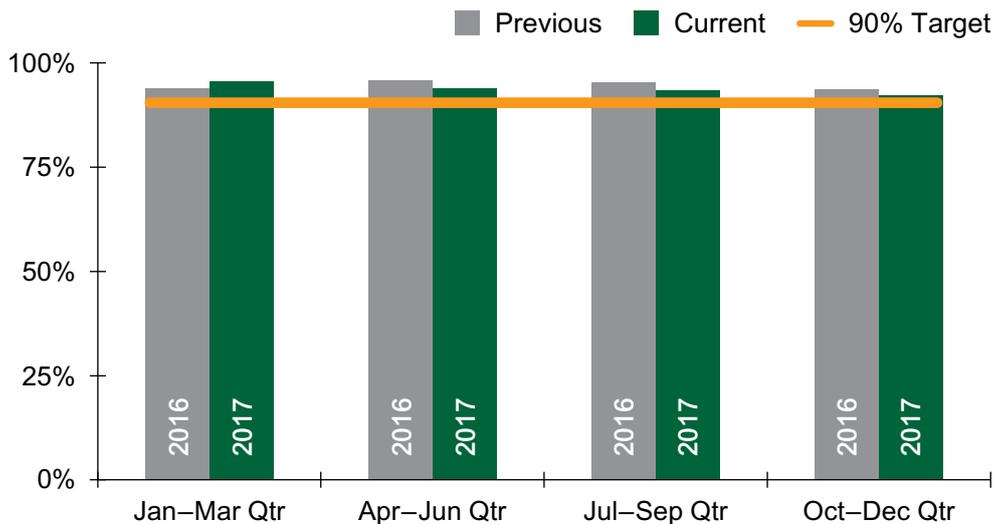


See Notes on page 34 for additional comments on the figures shown.

King Edward Memorial Hospital

October to December 2017		Compared to October to December 2016		
2,687	total emergency department attendances	↓	11.1%	decrease or 335 less emergency department attendances
92.1%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↓	1.6%	decrease in emergency department attendances with LOE of four hours or less ¹
76.6%	emergency department admissions with LOE of four hours or less ¹	↓	0.7%	decrease in emergency department admissions with LOE of four hours or less ¹
94.1%	emergency department transfers with LOE of four hours or less ¹	↑	18.4%	increase in emergency department transfers with LOE of four hours or less ¹
94.6%	emergency department departures with LOE of four hours or less ¹	↓	1.6%	decrease in emergency department departures with LOE of four hours or less ¹
0.3%	in-hospital mortality for admissions from emergency department	↑	0.3%	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

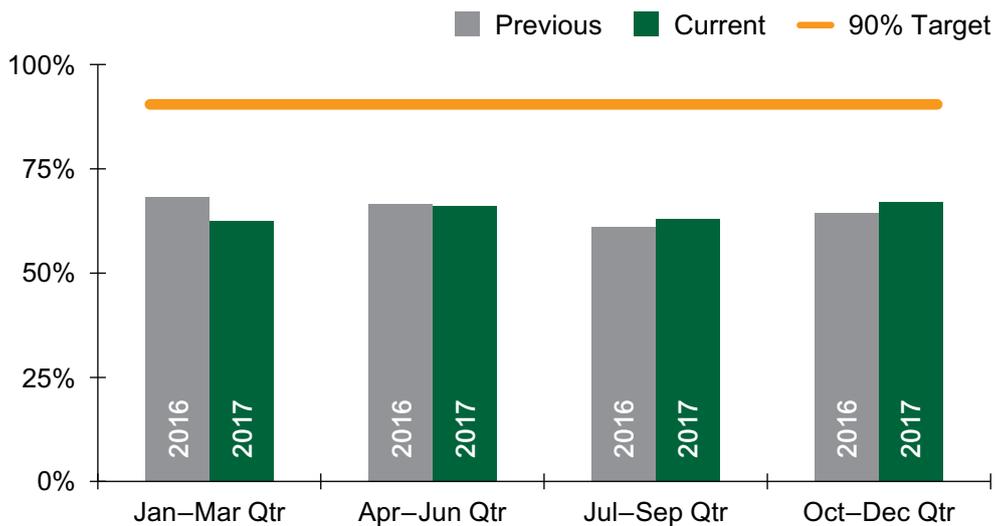


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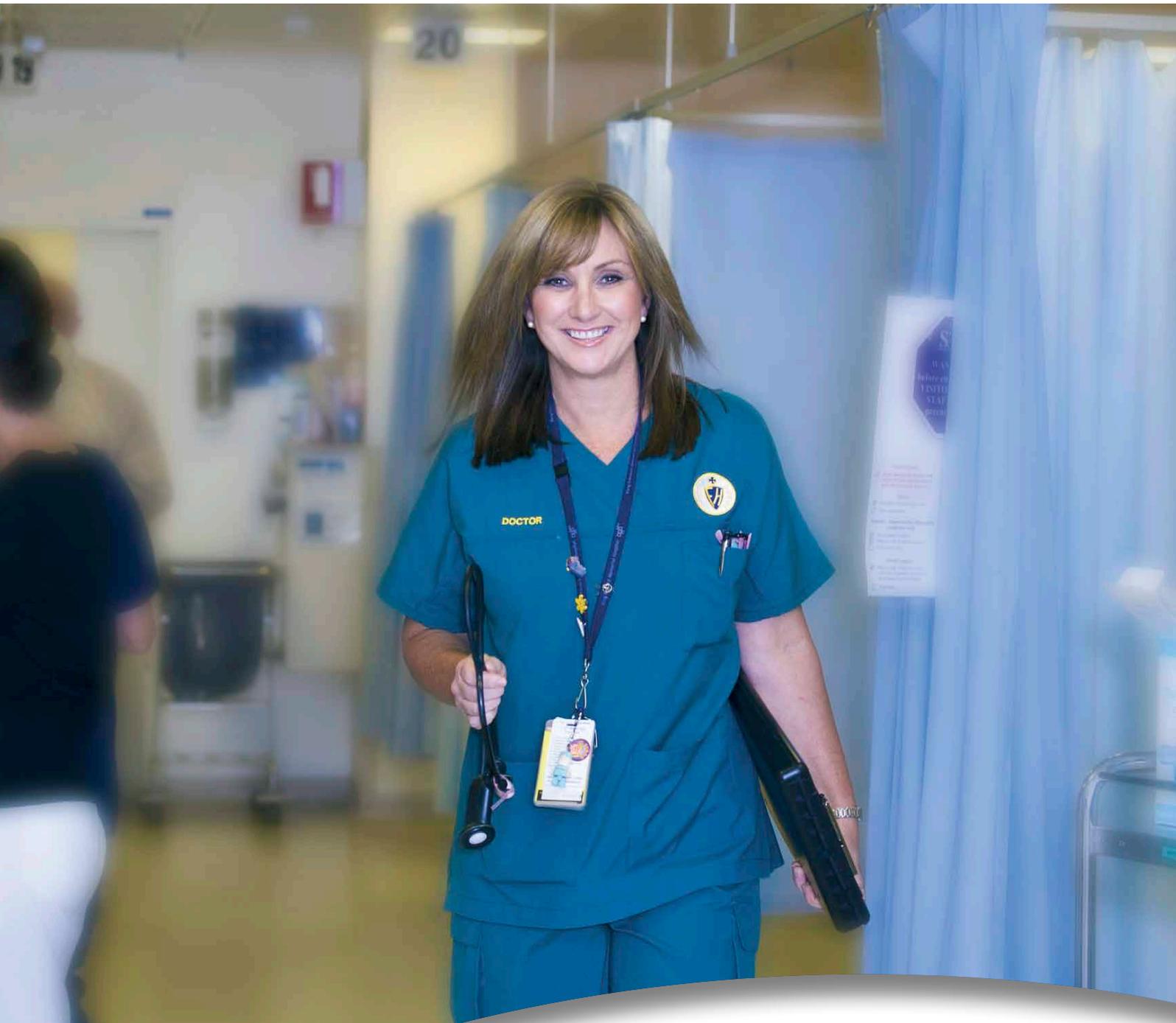
Joondalup Health Campus

October to December 2017		Compared to October to December 2016		
25,400	total emergency department attendances	↑	2.2%	increase or 556 more emergency department attendances
67.1%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↑	2.7%	increase in emergency department attendances with LOE of four hours or less ¹
49.8%	emergency department admissions with LOE of four hours or less ¹	↑	15.5%	increase in emergency department admissions with LOE of four hours or less ¹
51.2%	emergency department transfers with LOE of four hours or less ¹	↓	2.1%	decrease in emergency department transfers with LOE of four hours or less ¹
76.4%	emergency department departures with LOE of four hours or less ¹	↓	1.0%	decrease in emergency department departures with LOE of four hours or less ¹
0.9%	in-hospital mortality for admissions from emergency department	↓	0.01%	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

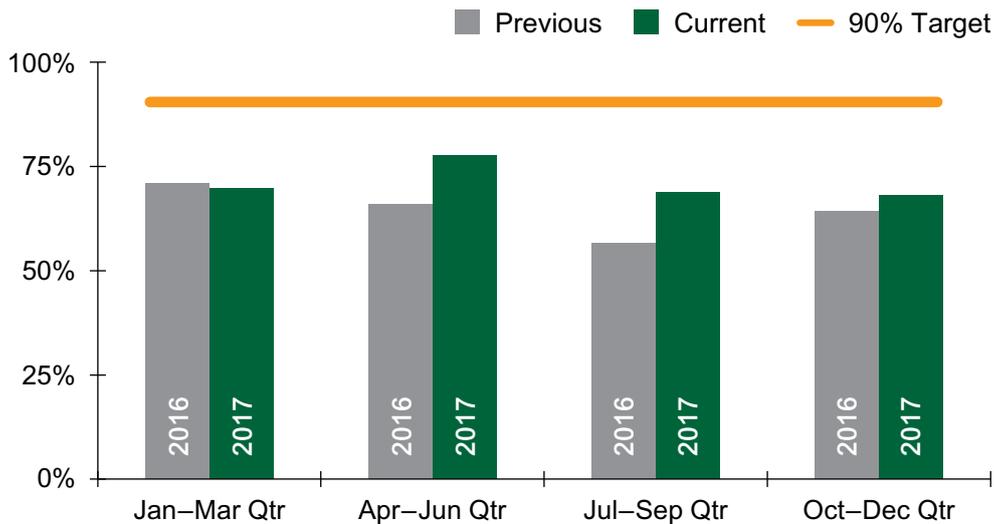
Rockingham General Hospital

Peel Health Campus

Fiona Stanley Hospital

October to December 2017		Compared to October to December 2016		
27,448	total emergency department attendances	↑	9.1%	increase or 2,289 more emergency department attendances
68.1%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↑	3.8%	increase in emergency department attendances with LOE of four hours or less ¹
49.0%	emergency department admissions with LOE of four hours or less ¹	↑	8.0%	increase in emergency department admissions with LOE of four hours or less ¹
57.0%	emergency department transfers with LOE of four hours or less ¹	↑	8.2%	increase in emergency department transfers with LOE of four hours or less ¹
78.8%	emergency department departures with LOE of four hours or less ¹	↑	1.9%	increase in emergency department departures with LOE of four hours or less ¹
1.2%	in-hospital mortality for admissions from emergency department	↓	0.6%	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

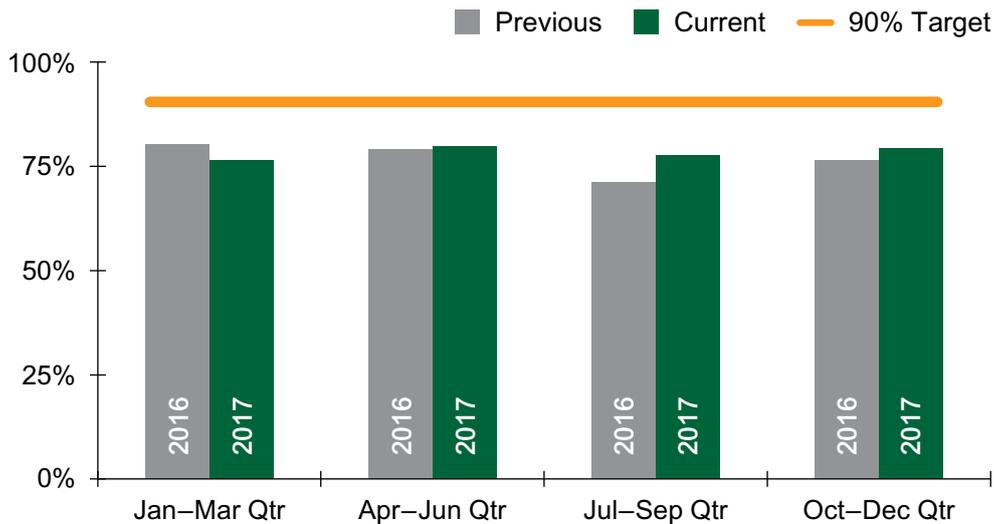


See Notes on page 34 for additional comments on the figures shown.

Rockingham General Hospital

October to December 2017		Compared to October to December 2016		
14,213	total emergency department attendances	↑	4.0%	increase or 546 more emergency department attendances
79.3%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↑	2.8%	increase in emergency department attendances with LOE of four hours or less ¹
47.8%	emergency department admissions with LOE of four hours or less ¹	↑	2.8%	increase in emergency department admissions with LOE of four hours or less ¹
55.0%	emergency department transfers with LOE of four hours or less ¹	↑	8.2%	increase in emergency department transfers with LOE of four hours or less ¹
88.4%	emergency department departures with LOE of four hours or less ¹	↑	2.7%	increase in emergency department departures with LOE of four hours or less ¹
0.7%	in-hospital mortality for admissions from emergency department	↓	0.3%	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

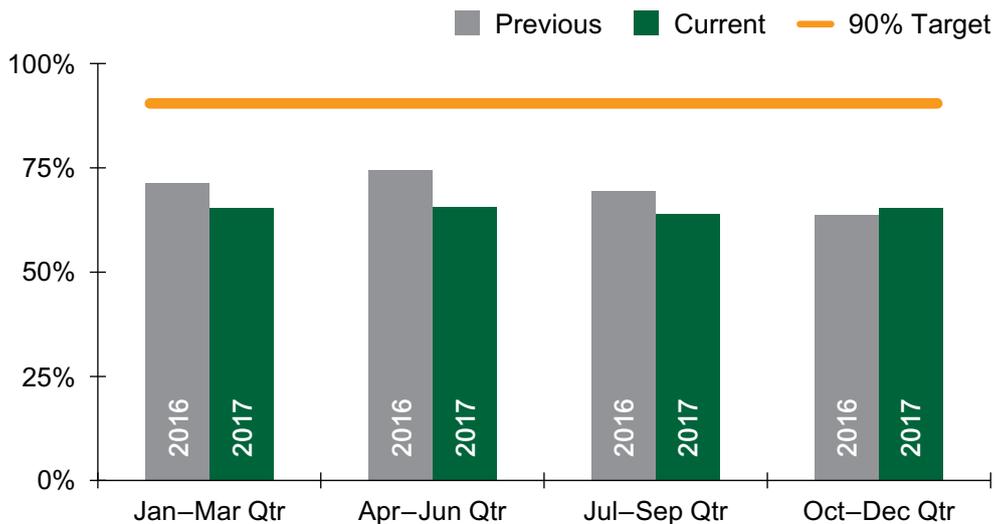


See Notes on page 34 for additional comments on the figures shown.

Peel Health Campus

October to December 2017		Compared to October to December 2016		
11,125	total emergency department attendances	↓	0.04%	decrease or 4 less emergency department attendances
65.4%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↑	1.8%	increase in emergency department attendances with LOE of four hours or less ¹
42.0%	emergency department admissions with LOE of four hours or less ¹	↑	5.5%	increase in emergency department admissions with LOE of four hours or less ¹
30.9%	emergency department transfers with LOE of four hours or less ¹	↓	2.2%	decrease in emergency department transfers with LOE of four hours or less ¹
75.3%	emergency department departures with LOE of four hours or less ¹	↑	1.8%	increase in emergency department departures with LOE of four hours or less ¹
0.9%	in-hospital mortality for admissions from emergency department	↓	0.1%	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

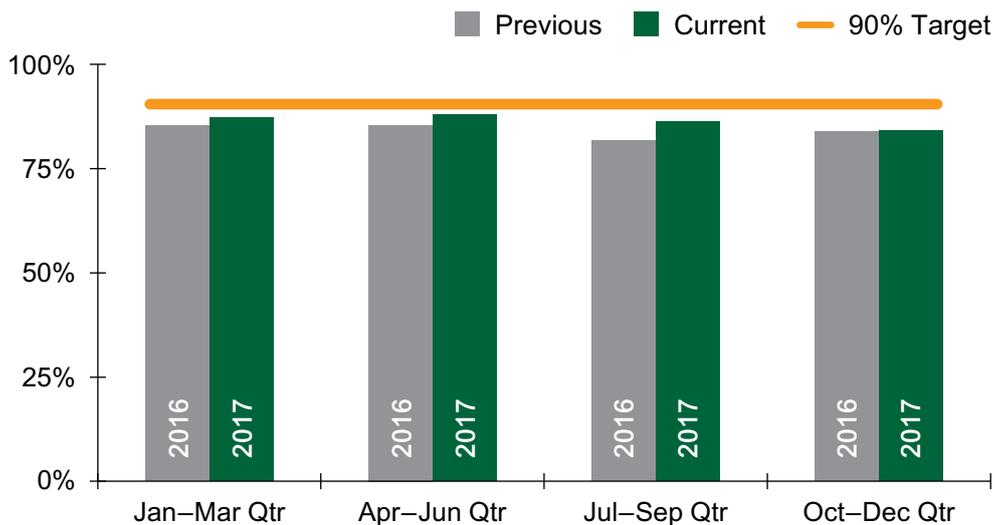
Albany Hospital
Broome Hospital
Bunbury Regional Hospital
Busselton Hospital
Carnarvon Hospital
Derby Hospital
Esperance Hospital

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

Albany Hospital

October to December 2017		Compared to October to December 2016		
6,965	total emergency department attendances	↑	13.3%	increase of 817 more emergency department attendances
84.0%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↑	0.2%	increase in emergency department attendances with LOE of four hours or less ¹
59.1%	emergency department admissions with LOE of four hours or less ¹	↑	6.2%	increase in emergency department admissions with LOE of four hours or less ¹
74.0%	emergency department transfers with LOE of four hours or less ¹	↑	8.0%	increase in emergency department transfers with LOE of four hours or less ¹
91.0%	emergency department departures with LOE of four hours or less ¹	↓	1.0%	decrease in emergency department departures with LOE of four hours or less ¹
0.5%	in-hospital mortality for admissions from emergency department	↓	1.2%	decrease 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

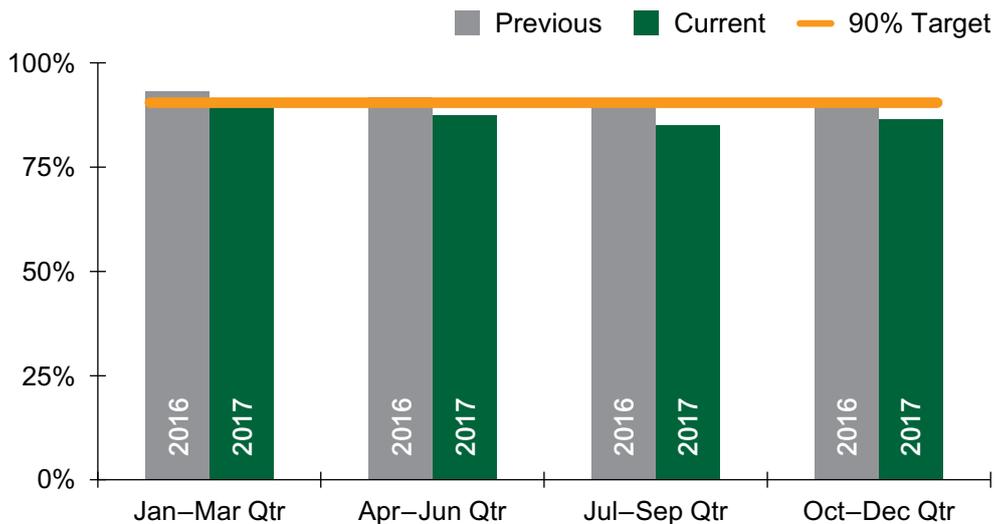


See Notes on page 34 for additional comments on the figures shown.

Broome Hospital

October to December 2017		Compared to October to December 2016		
6,039	total emergency department attendances	↑	9.5%	increase or 526 more emergency department attendances
86.5%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↓	4.2%	decrease in emergency department attendances with LOE of four hours or less ¹
51.4%	emergency department admissions with LOE of four hours or less ¹	↓	12.1%	decrease in emergency department admissions with LOE of four hours or less ¹
65.6%	emergency department transfers with LOE of four hours or less ¹	↑	28.1%	increase in emergency department transfers with LOE of four hours or less ¹
93.1%	emergency department departures with LOE of four hours or less ¹	↓	3.3%	decrease in emergency department departures with LOE of four hours or less ¹
0.5%	in-hospital mortality for admissions from emergency department	↓	0.01%	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

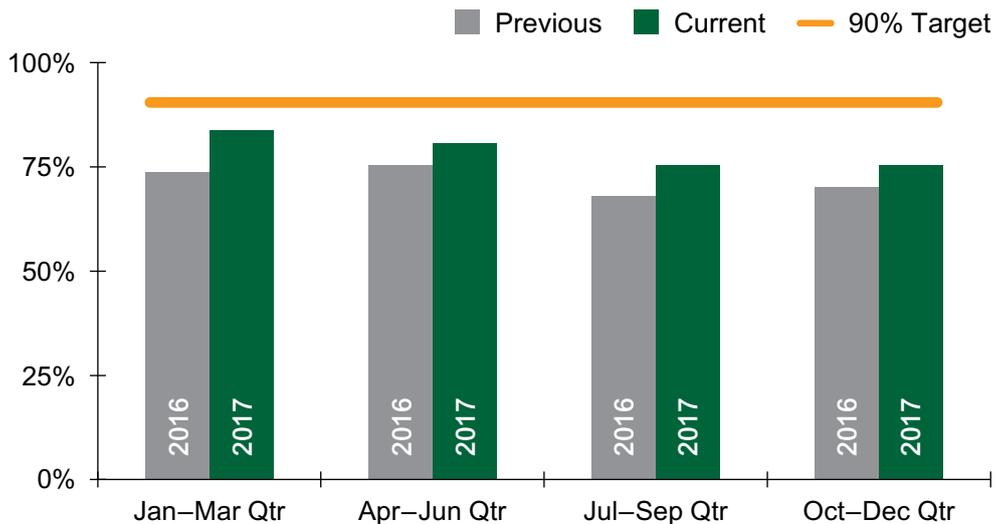


See Notes on page 34 for additional comments on the figures shown.

Bunbury Hospital

October to December 2017		Compared to October to December 2016		
10,440	total emergency department attendances	↑	2.6%	increase of 267 more emergency department attendances
75.5%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↑	5.2%	increase in emergency department attendances with LOE of four hours or less ¹
59.1%	emergency department admissions with LOE of four hours or less ¹	↑	8.6%	increase in emergency department admissions with LOE of four hours or less ¹
32.2%	emergency department transfers with LOE of four hours or less ¹	↑	2.0%	increase in emergency department transfers with LOE of four hours or less ¹
83.8%	emergency department departures with LOE of four hours or less ¹	↑	5.2%	increase in emergency department departures with LOE of four hours or less ¹
0.9%	in-hospital mortality for admissions from emergency department	↑	0.3%	increase in in-hospital mortality for admissions from emergency department

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

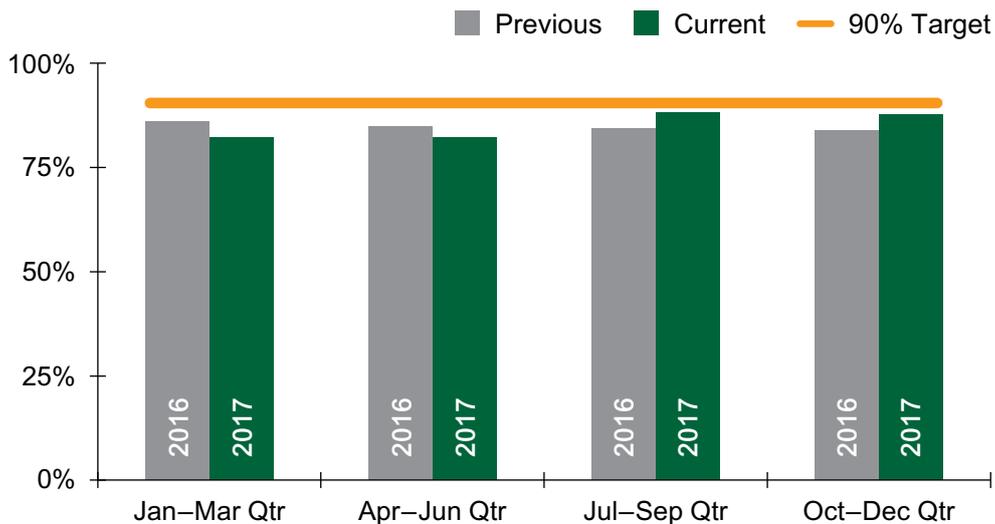


See Notes on page 34 for additional comments on the figures shown.

Busselton Hospital

October to December 2017		Compared to October to December 2016		
6,134	total emergency department attendances	↑	3.4%	increase or 200 more emergency department attendances
87.7%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↑	3.8%	increase in emergency department attendances with LOE of four hours or less ¹
55.3%	emergency department admissions with LOE of four hours or less ¹	↑	28.9%	increase in emergency department admissions with LOE of four hours or less ¹
60.6%	emergency department transfers with LOE of four hours or less ¹	↑	7.6%	increase in emergency department transfers with LOE of four hours or less ¹
92.5%	emergency department departures with LOE of four hours or less ¹	↑	2.8%	increase in emergency department departures with LOE of four hours or less ¹
4.1%	in-hospital mortality for admissions from emergency department	↓	0.8%	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

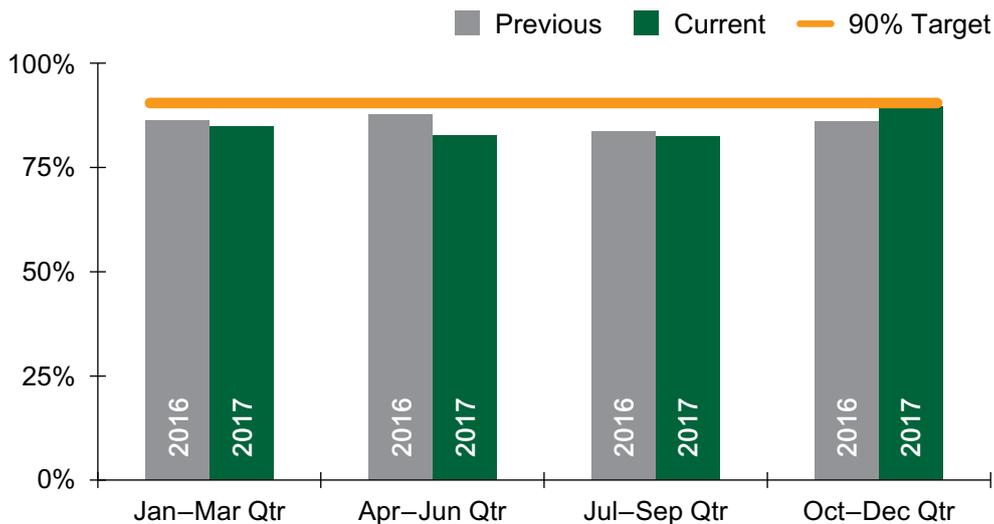


See Notes on page 34 for additional comments on the figures shown.

Carnarvon Hospital

October to December 2017		Compared to October to December 2016		
2,012	total emergency department attendances	↓	12.8%	decrease of 295 less emergency department attendances
89.5%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↑	3.4%	increase in emergency department attendances with LOE of four hours or less ¹
56.7%	emergency department admissions with LOE of four hours or less ¹	↑	17.5%	increase in emergency department admissions with LOE of four hours or less ¹
29.7%	emergency department transfers with LOE of four hours or less ¹	↑	9.3%	increase in emergency department transfers with LOE of four hours or less ¹
93.8%	emergency department departures with LOE of four hours or less ¹	↑	1.4%	increase in emergency department departures with LOE of four hours or less ¹
0.6%	in-hospital mortality for admissions from emergency department	↑	0.2%	increase in in-hospital mortality for admissions from emergency department

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

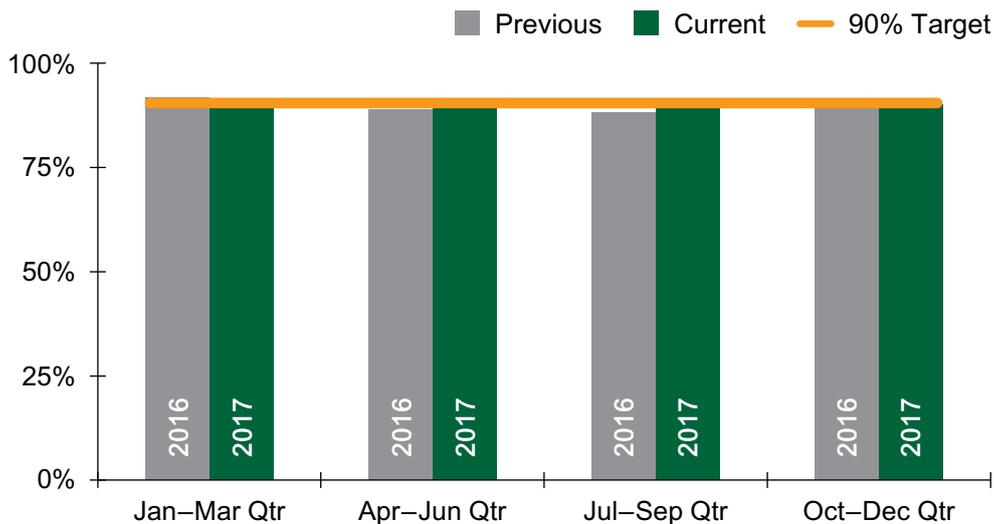


See Notes on page 34 for additional comments on the figures shown.

Derby Hospital

October to December 2017		Compared to October to December 2016		
3,182	total emergency department attendances	↑	23.6%	increase or 608 more emergency department attendances
90.1%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↓	0.2%	decrease in emergency department attendances with LOE of four hours or less ¹
60.5%	emergency department admissions with LOE of four hours or less ¹	↓	4.4%	decrease in emergency department admissions with LOE of four hours or less ¹
57.9%	emergency department transfers with LOE of four hours or less ¹	↑	12.9%	increase in emergency department transfers with LOE of four hours or less ¹
94.0%	emergency department departures with LOE of four hours or less ¹	↓	1.0%	decrease in emergency department departures with LOE of four hours or less ¹
1.5%	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

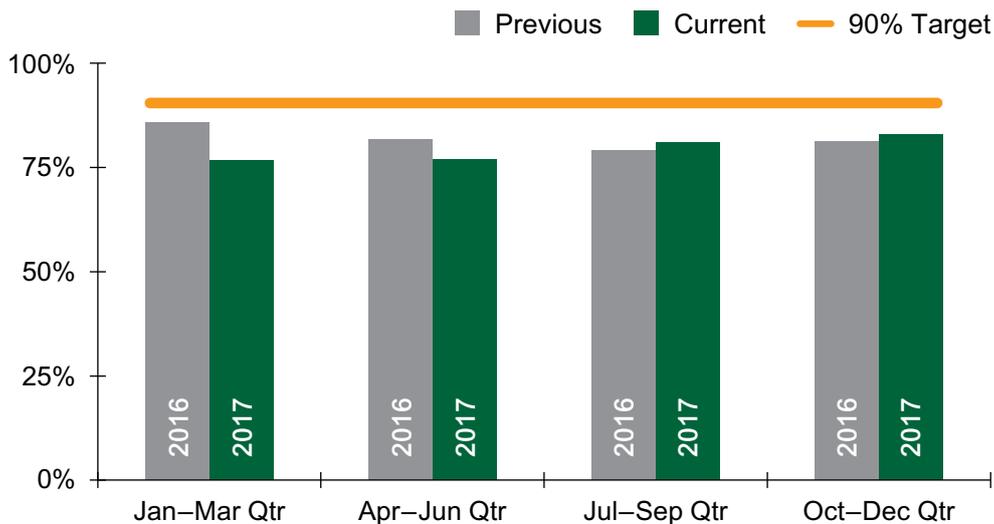


See Notes on page 34 for additional comments on the figures shown.

Esperance Hospital

October to December 2017		Compared to October to December 2016		
2,691	total emergency department attendances	↓	5.8%	decrease or 167 less emergency department attendances
83.0%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↑	1.7%	increase in emergency department attendances with LOE of four hours or less ¹
43.6%	emergency department admissions with LOE of four hours or less ¹	↑	6.2%	increase in emergency department admissions with LOE of four hours or less ¹
22.4%	emergency department transfers with LOE of four hours or less ¹	↓	5.1%	decrease in emergency department transfers with LOE of four hours or less ¹
90.3%	emergency department departures with LOE of four hours or less ¹	↑	1.5%	increase in emergency department departures with LOE of four hours or less ¹
0.9%	in-hospital mortality for admissions from emergency department	↓	0.5%	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

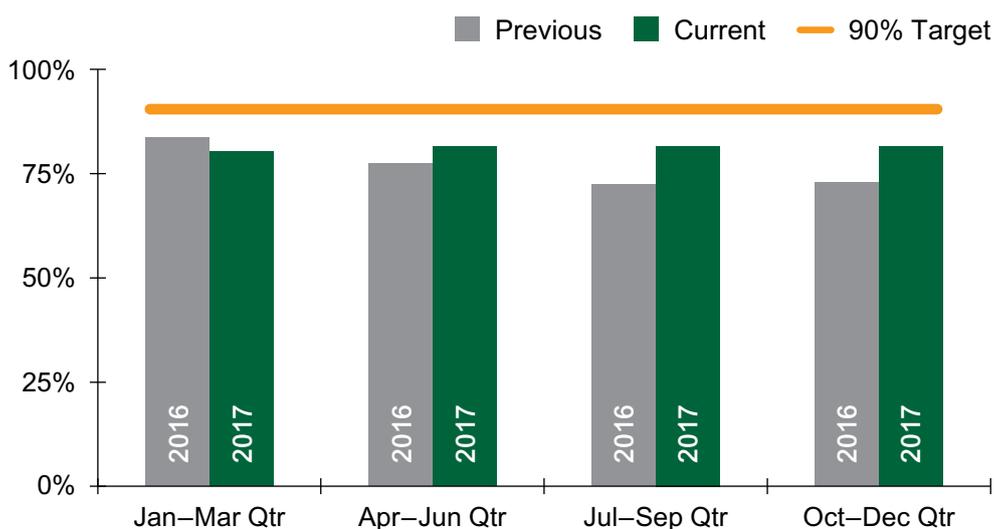


See Notes on page 34 for additional comments on the figures shown.

Geraldton Hospital

October to December 2017		Compared to October to December 2016		
7,670	total emergency department attendances	↓	0.4%	decrease or 29 less emergency department attendances
81.4%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↑	8.5%	increase in emergency department attendances with LOE of four hours or less ¹
64.8%	emergency department admissions with LOE of four hours or less ¹	↑	28.3%	increase in emergency department admissions with LOE of four hours or less ¹
34.3%	emergency department transfers with LOE of four hours or less ¹	↑	3.2%	increase in emergency department transfers with LOE of four hours or less ¹
87.0%	emergency department departures with LOE of four hours or less ¹	↑	4.5%	increase in emergency department departures with LOE of four hours or less ¹
0.7%	in-hospital mortality for admissions from emergency department	↓	0.4%	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

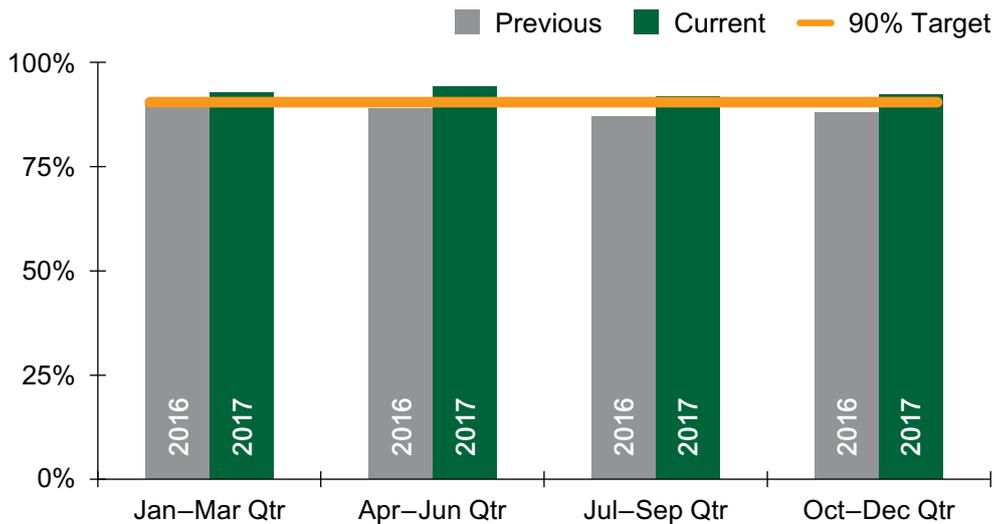


See Notes on page 34 for additional comments on the figures shown.

Hedland Health Campus

October to December 2017		Compared to October to December 2016		
5,717	total emergency department attendances	↑	4.0%	increase of 219 more emergency department attendances
92.3%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↑	4.4%	increase in emergency department attendances with LOE of four hours or less ¹
69.7%	emergency department admissions with LOE of four hours or less ¹	↑	16.0%	increase in emergency department admissions with LOE of four hours or less ¹
54.3%	emergency department transfers with LOE of four hours or less ¹	↑	16.3%	increase in emergency department transfers with LOE of four hours or less ¹
96.0%	emergency department departures with LOE of four hours or less ¹	↑	2.4%	increase in emergency department departures with LOE of four hours or less ¹
0.1%	in-hospital mortality for admissions from emergency department	↓	0.5%	decrease in in-hospital mortality for admissions from emergency department

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

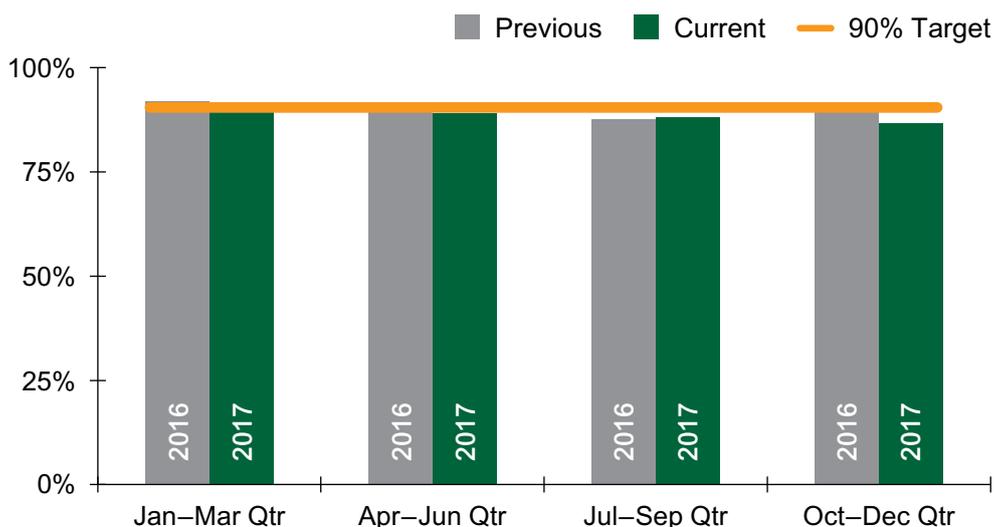


See Notes on page 34 for additional comments on the figures shown.

Kalgoorlie Hospital

October to December 2017		Compared to October to December 2016		
6,242	total emergency department attendances	↑	3.3%	increase of 198 more emergency department attendances
86.6%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↓	2.9%	decrease in emergency department attendances with LOE of four hours or less ¹
58.4%	emergency department admissions with LOE of four hours or less ¹	↓	1.1%	decrease in emergency department admissions with LOE of four hours or less ¹
58.7%	emergency department transfers with LOE of four hours or less ¹	↑	3.1%	increase in emergency department transfers with LOE of four hours or less ¹
92.9%	emergency department departures with LOE of four hours or less ¹	↓	2.8%	decrease in emergency department departures with LOE of four hours or less ¹
0.8%	in-hospital mortality for admissions from emergency department	↑	0.05%	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

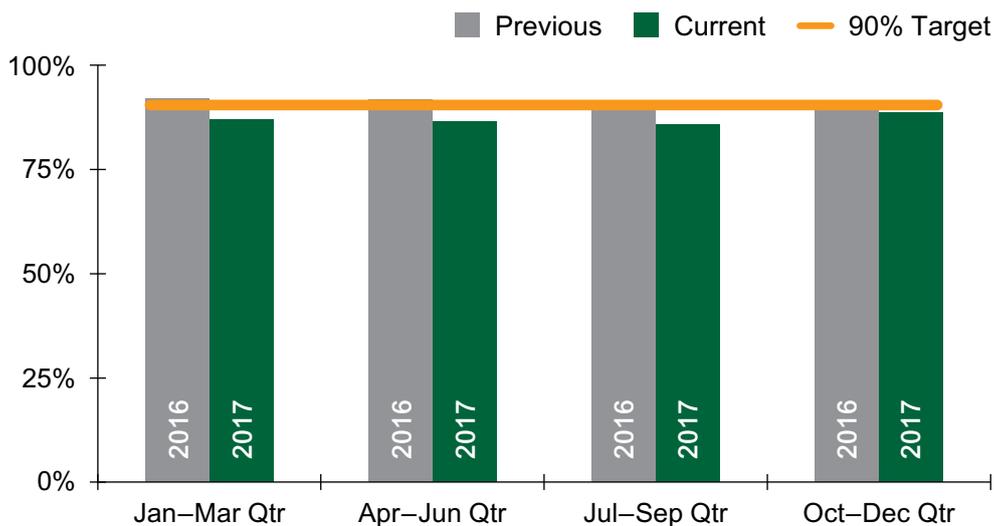


See Notes on page 34 for additional comments on the figures shown.

Kununurra Hospital

October to December 2017		Compared to October to December 2016		
3,336	total emergency department attendances	↑	31.1%	increase of 791 more emergency department attendances
88.5%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↓	1.7%	decrease in emergency department attendances with LOE of four hours or less ¹
60.9%	emergency department admissions with LOE of four hours or less ¹	↓	2.2%	decrease in emergency department admissions with LOE of four hours or less ¹
37.1%	emergency department transfers with LOE of four hours or less ¹	↑	20.5%	increase in emergency department transfers with LOE of four hours or less ¹
93.5%	emergency department departures with LOE of four hours or less ¹	↓	2.0%	decrease in emergency department departures with LOE of four hours or less ¹
1.7%	in-hospital mortality for admissions from emergency department	↑	0.9%	increase in in-hospital mortality for admissions from emergency department

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

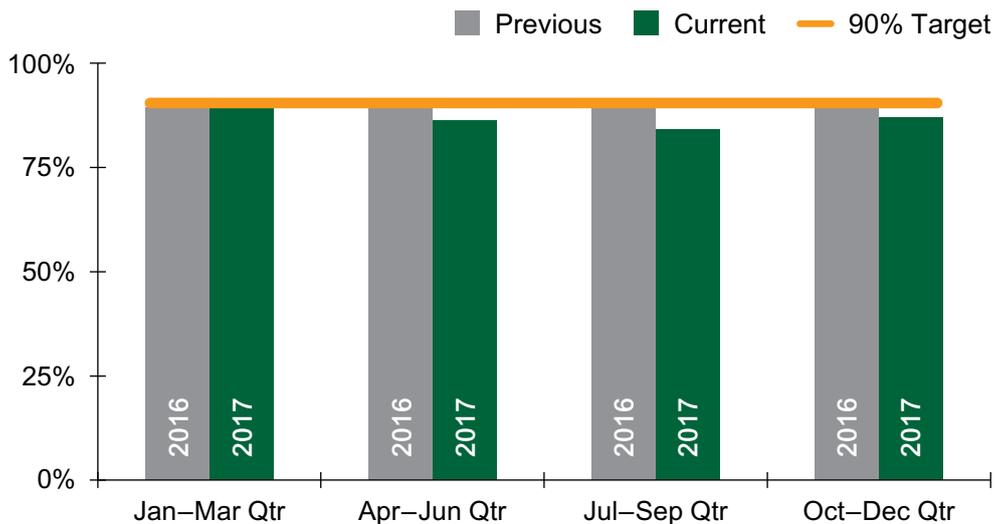


See Notes on page 34 for additional comments on the figures shown.

Narrogin Hospital

October to December 2017		Compared to October to December 2016		
2,088	total emergency department attendances	↓	2.0%	decrease or 42 less emergency department attendances
87.0%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↓	3.2%	decrease in emergency department attendances with LOE of four hours or less ¹
69.6%	emergency department admissions with LOE of four hours or less ¹	↓	1.8%	decrease in emergency department admissions with LOE of four hours or less ¹
46.6%	emergency department transfers with LOE of four hours or less ¹	↓	8.2%	decrease in emergency department transfers with LOE of four hours or less ¹
93.0%	emergency department departures with LOE of four hours or less ¹	↓	1.8%	decrease in emergency department departures with LOE of four hours or less ¹
1.6%	in-hospital mortality for admissions from emergency department	↑	1.0%	increase in in-hospital mortality for admissions from emergency department

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

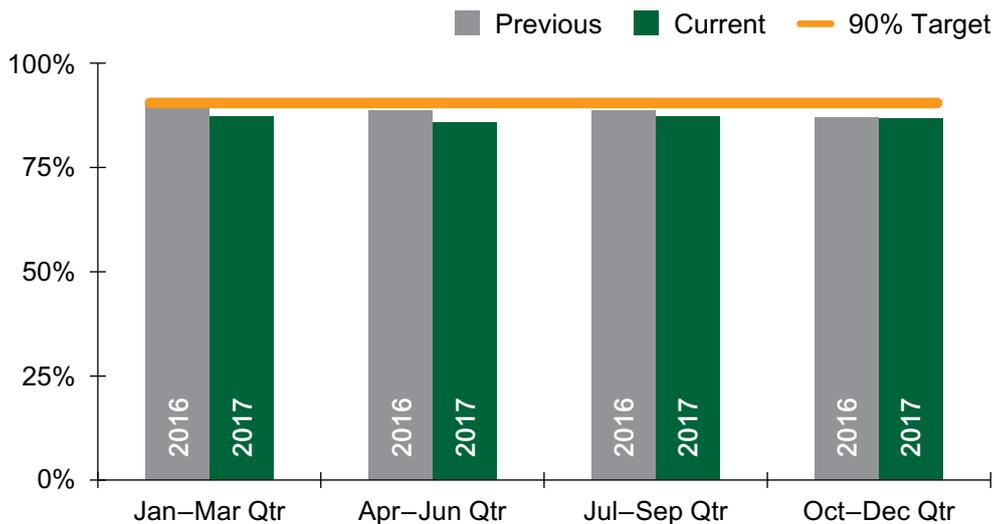


See Notes on page 34 for additional comments on the figures shown.

Nickol Bay Hospital

October to December 2017		Compared to October to December 2016		
4,588	total emergency department attendances	↑	2.3%	increase or 101 more emergency department attendances
86.6%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↓	0.5%	decrease in emergency department attendances with LOE of four hours or less ¹
44.0%	emergency department admissions with LOE of four hours or less ¹	↑	4.2%	increase in emergency department admissions with LOE of four hours or less ¹
57.0%	emergency department transfers with LOE of four hours or less ¹	↑	30.5%	increase in emergency department transfers with LOE of four hours or less ¹
93.1%	emergency department departures with LOE of four hours or less ¹	↓	0.8%	decrease in emergency department departures with LOE of four hours or less ¹
0.2%	in-hospital mortality for admissions from emergency department	↓	0.02%	decrease in in-hospital mortality for admissions from emergency department

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

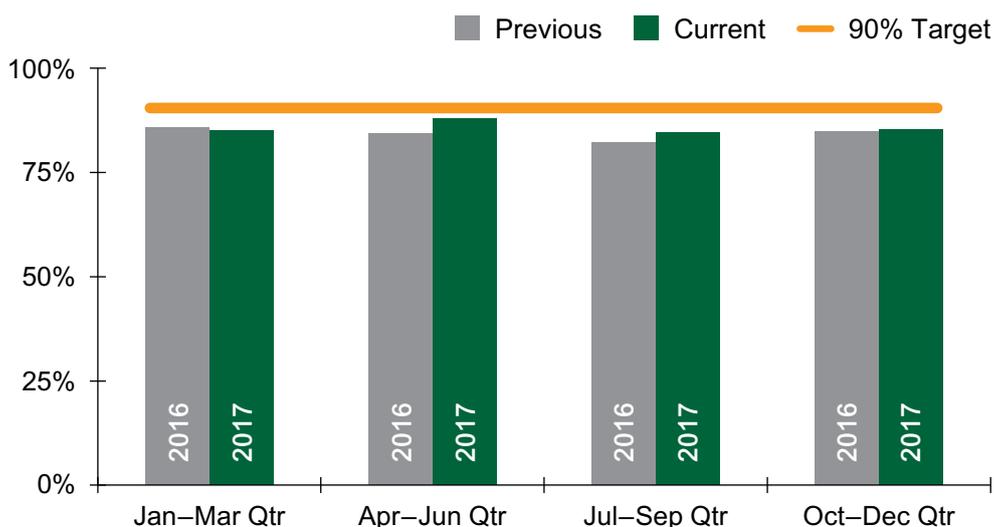


See Notes on page 34 for additional comments on the figures shown.

Northam Hospital

October to December 2017		Compared to October to December 2016		
3,018	total emergency department attendances	↓	5.3%	decrease or 168 less emergency department attendances
85.4%	emergency department attendances with length of episode (LOE) of four hours or less ¹	↑	0.6%	increase in emergency department attendances with LOE of four hours or less ¹
61.3%	emergency department admissions with LOE of four hours or less ¹	↑	6.9%	increase in emergency department admissions with LOE of four hours or less ¹
66.8%	emergency department transfers with LOE of four hours or less ¹	↑	3.7%	increase in emergency department transfers with LOE of four hours or less ¹
90.6%	emergency department departures with LOE of four hours or less ¹	↑	0.4%	increase in emergency department departures with LOE of four hours or less ¹
3.4%	in-hospital mortality for admissions from emergency department	↑	1.1%	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 2017 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 Public 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.
- ¹ 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

Definition:	The total number of all emergency department (ED) attendances.
Guide for use:	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.
Purpose:	To provide a fundamental measure of activity levels within emergency departments.
Includes:	All participating WEAT hospitals. Refer to page 2.
Excludes:	All other public and private hospitals.
Data source:	Purchasing and System Performance Division, Department of Health, WA.
Data extraction:	Emergency Department Data Collection (EDDC) (15/01/2018).
Report prepared by:	Purchasing and System Performance Division, Department of Health, WA.

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

Definition:	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.
Guide for use:	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.
Purpose:	To monitor and improve timely access to emergency care for all emergency department attendances.
Includes:	All participating WEAT hospitals. Refer to page 2.
Excludes:	All other public and private hospitals.
Data source:	Purchasing and System Performance Division, Department of Health, WA.
Data extraction:	EDDC (15/01/2018).
Report prepared by:	Purchasing and System Performance Division, Department of Health, WA.

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

Definition:	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.
Guide for use:	<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>
Purpose:	To monitor and improve timely access to emergency care for emergency department patients who are admitted to a hospital inpatient ward.
Includes:	All participating WEAT hospitals. Refer to page 2.
Excludes:	All other public and private hospitals.
Data source:	Purchasing and System Performance Division, Department of Health, WA.
Data extraction:	EDDC (15/01/2018).
Report prepared by:	Purchasing and System Performance Division, Department of Health, WA.

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

Definition:	The percentage of all emergency department transfers where the time to transfer the patient to another hospital was within four hours of their presentation.
Guide for use:	<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>
Purpose:	To monitor and improve timely access to emergency care for emergency department patients who are transferred to another hospital.
Includes:	All participating WEAT hospitals. Refer to page 2.
Excludes:	All other public and private hospitals.
Data source:	Purchasing and System Performance Division, Department of Health, WA.
Data extraction:	EDDC (15/01/2018).
Report prepared by:	Purchasing and System Performance Division, Department of Health, WA.

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

Definition:	The percentage of emergency attendances who were discharged to home within four hours of their presentation.
Guide for use:	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.
Purpose:	To monitor and improve timely access to emergency care for emergency department patients who are discharged to home.
Includes:	All participating WEAT hospitals. Refer to page 2.
Excludes:	All other public and private hospitals.
Data source:	Purchasing and System Performance Division, Department of Health, WA.
Data extraction:	EDDC (15/01/2018).
Report prepared by:	Purchasing and System Performance Division, Department of Health, WA.

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

Definition:	The percentage of hospital inpatients who were admitted from emergency department and subsequently deceased during the hospital stay.
Guide for use:	Excludes patients that are deceased in the emergency department who are not admitted and patients directly admitted to a hospital ward.
Purpose:	To monitor and improve quality of care for patients who are admitted to a hospital inpatient ward from emergency department.
Includes:	All participating WEAT hospitals. Refer to page 2.
Excludes:	All other public and private hospitals.
Data source:	Purchasing and System Performance Division, Department of Health, WA.
Data extraction:	Inpatient Activity (08/01/2018).
Report prepared by:	Purchasing and System Performance Division, Department of Health, WA.

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