



GIG
CYMRU
NHS
WALES

Bwrdd Iechyd Prifysgol
Bae Abertawe
Swansea Bay University
Health Board

Appendix 1

Health Board and Service Delivery Unit Monthly HCAI Performance against IMTP 2019/20 to 30th September 2019



caring for each other
working together
always improving

Swansea Bay UHB HCAI Infection Reduction Progress YTD (to 30/09/19)

The Health Board has committed to achieving the following infection reduction priorities within its Annual Plan 2019/20:

Clostridium difficile infection: 15% reduction against the 2017/18 position;

Staph. aureus bacteraemia: 10% reduction against the 2017/18 position;

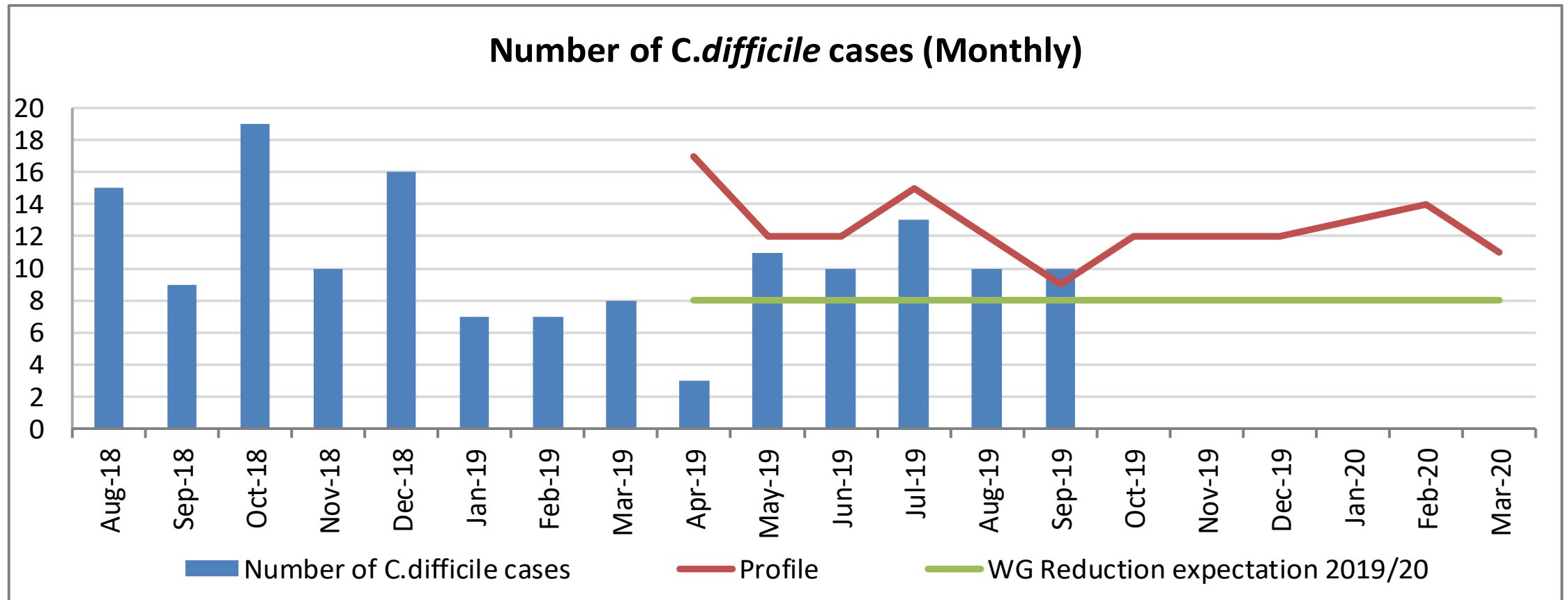
E. coli bacteraemia: 5% reduction against the 2017/18 position.

There is a requirement also to reduce the number of cases of bacteraemia caused by *Klebsiella spp.* and *Pseudomonas aeruginosa*

Measures	WG National Target for NHS Wales (WHC/2019/019 - 8 July 2019)	IMTP Profile September 2019	September 2019 (to 30/09/19)	Total number of cases YTD (to 30/09/19)	Number of cases above or below cumulative IMTP trajectory
<i>Clostridium difficile</i>	< 9 cases/month 25/100,000 pop.	9	10	57	↓ 20
<i>Staph. aureus</i> bacteraemia	<7 cases/month 20/100,000 pop.	11	8	68	↓ 5
<i>E. coli</i> bacteraemia	< 22 cases/month 67/100,000 pop.	39	23	158	↓ 73
<i>Klebsiella spp.</i> bacteraemia	<8 cases/month	11	9	46	↓ 8
<i>Pseudomonas</i> <i>aeruginosa</i> bacteraemia	<2 cases/month	2	2	19	↑ 5

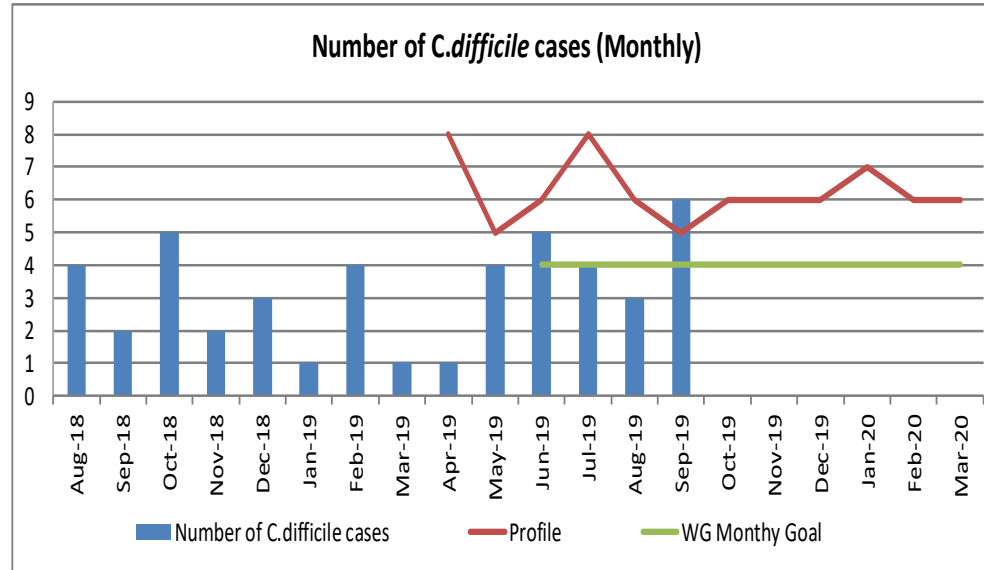


- Monthly IMTP Profile (15% reduction)

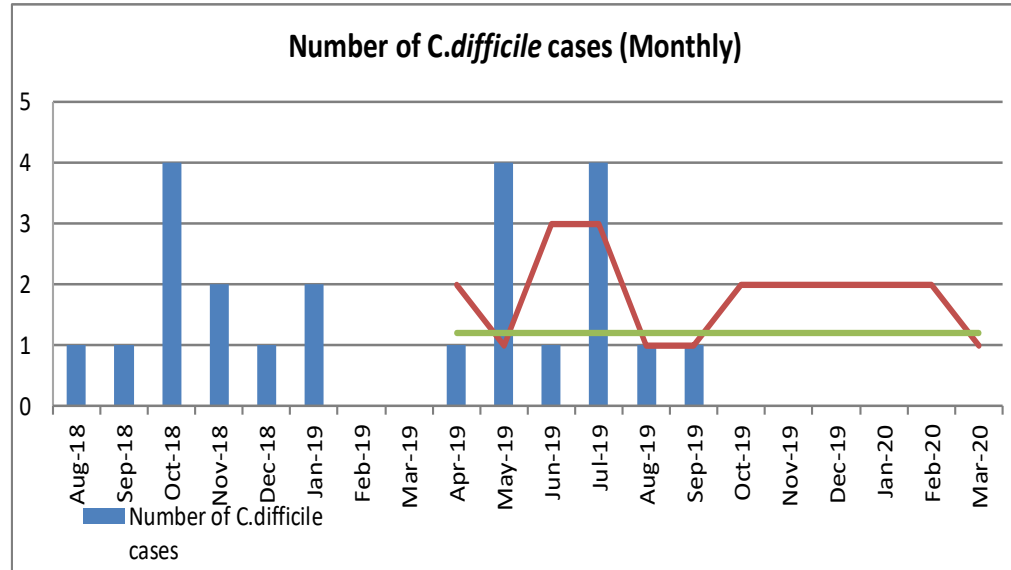


SBUHB HCAI *Clostridium difficile* infection – supporting information

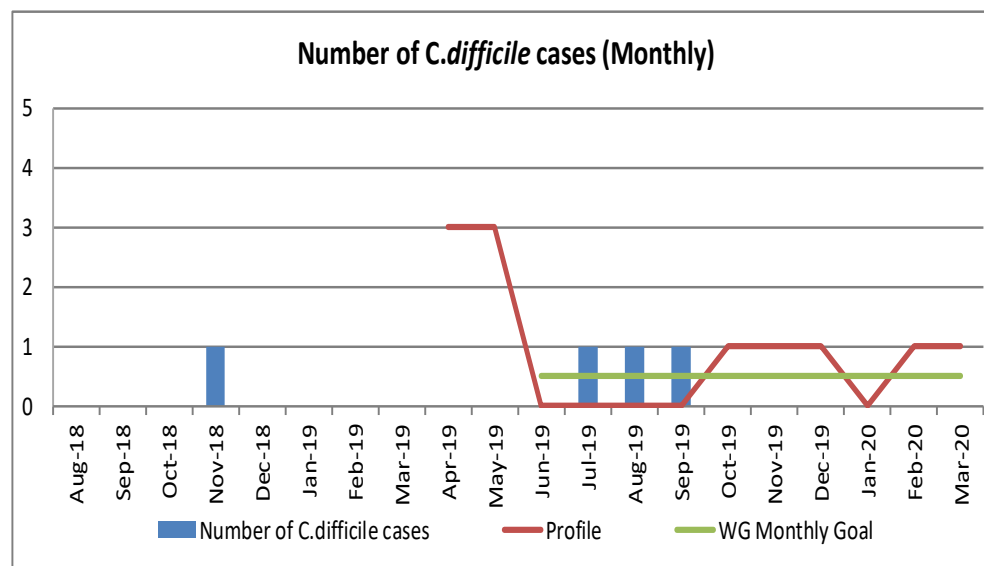
Morrison Hospital Acquired *C. difficile* infections:



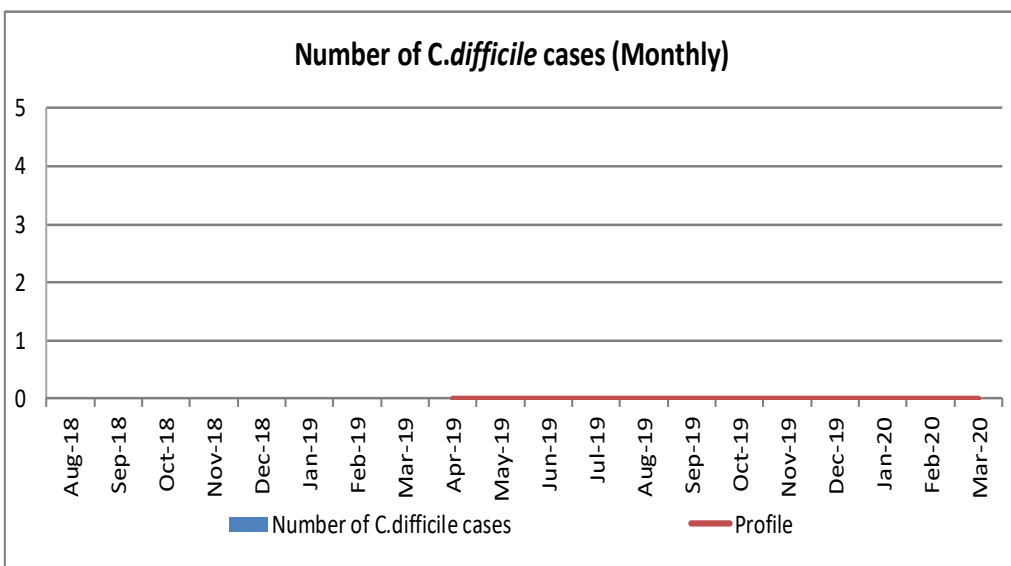
Singleton Hospital Acquired *C. difficile* infections:



Neath Port Talbot Hospital Acquired *C. difficile* infections:

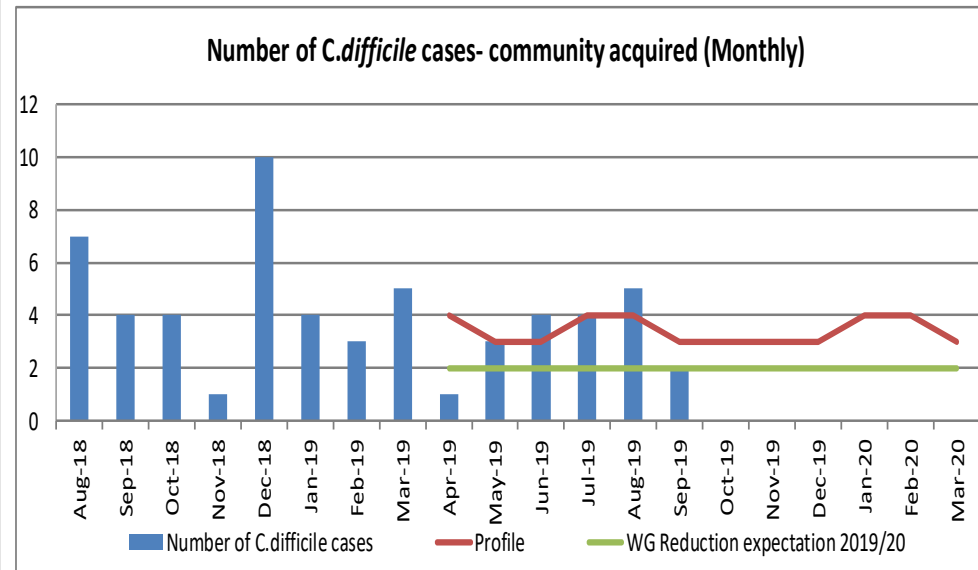


MH & LD Acquired *C. difficile* infections:

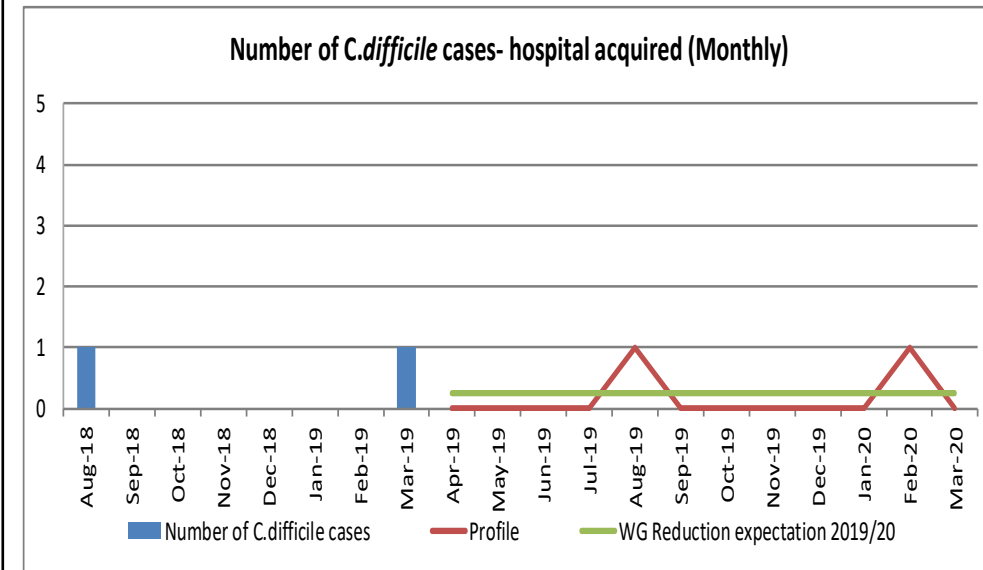


SBUHB HCAI *Clostridium difficile* infection – supporting information

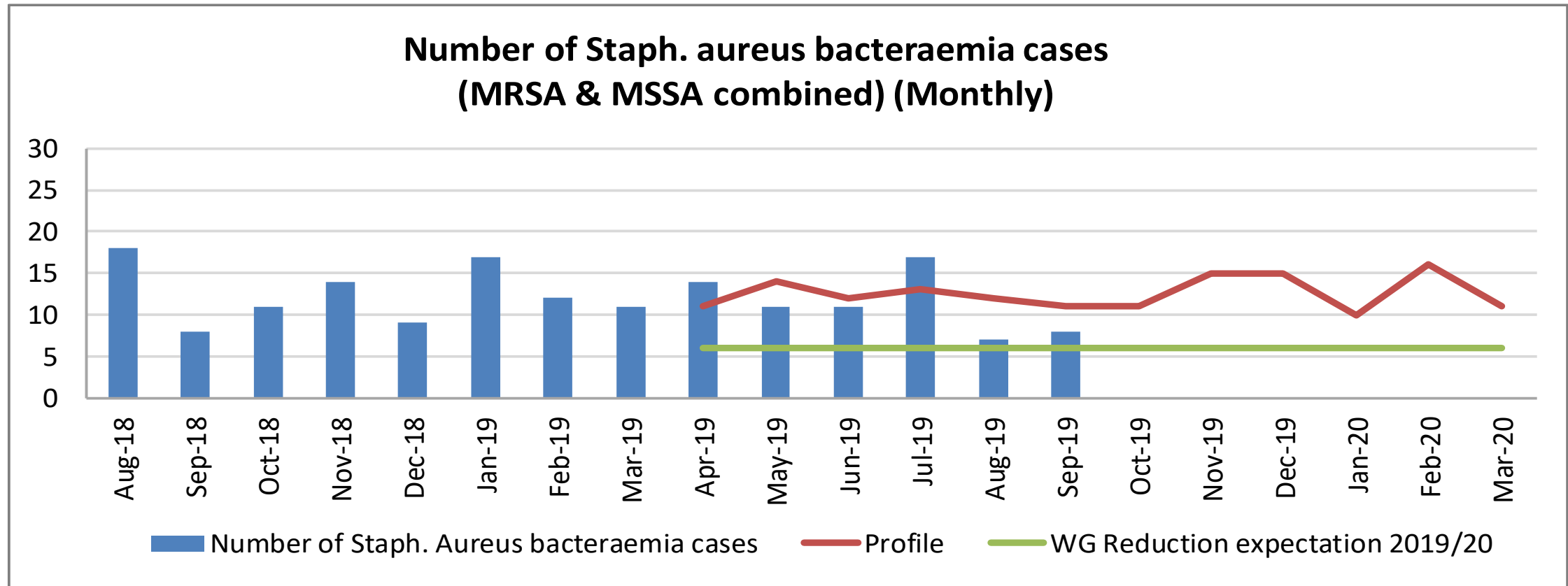
PCCS Community Acquired *C. difficile* infections:



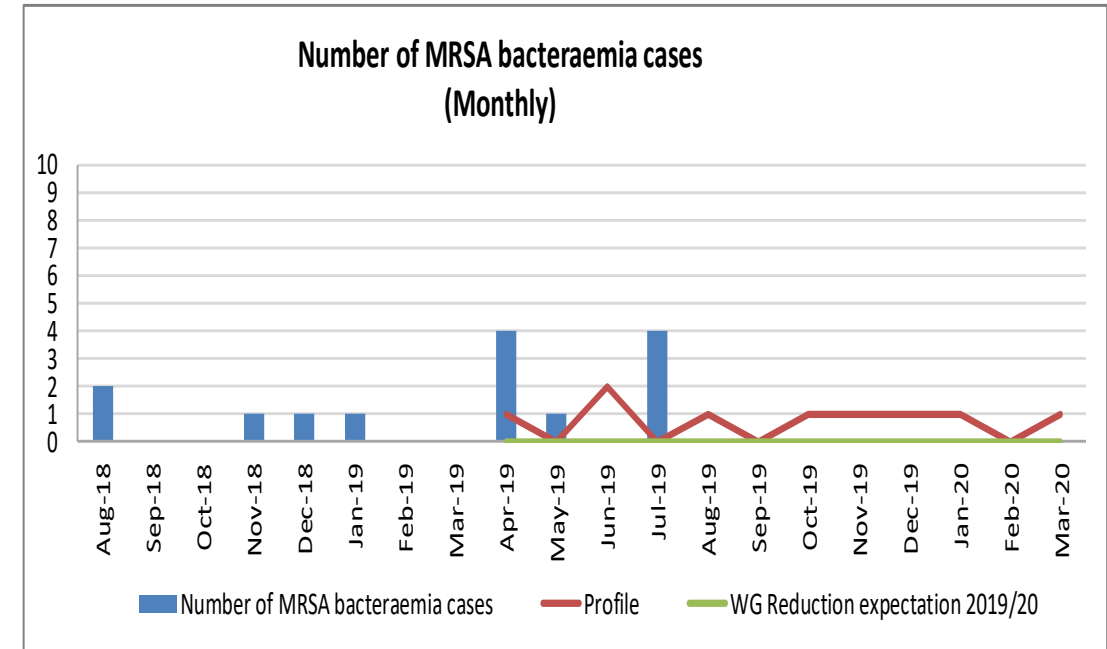
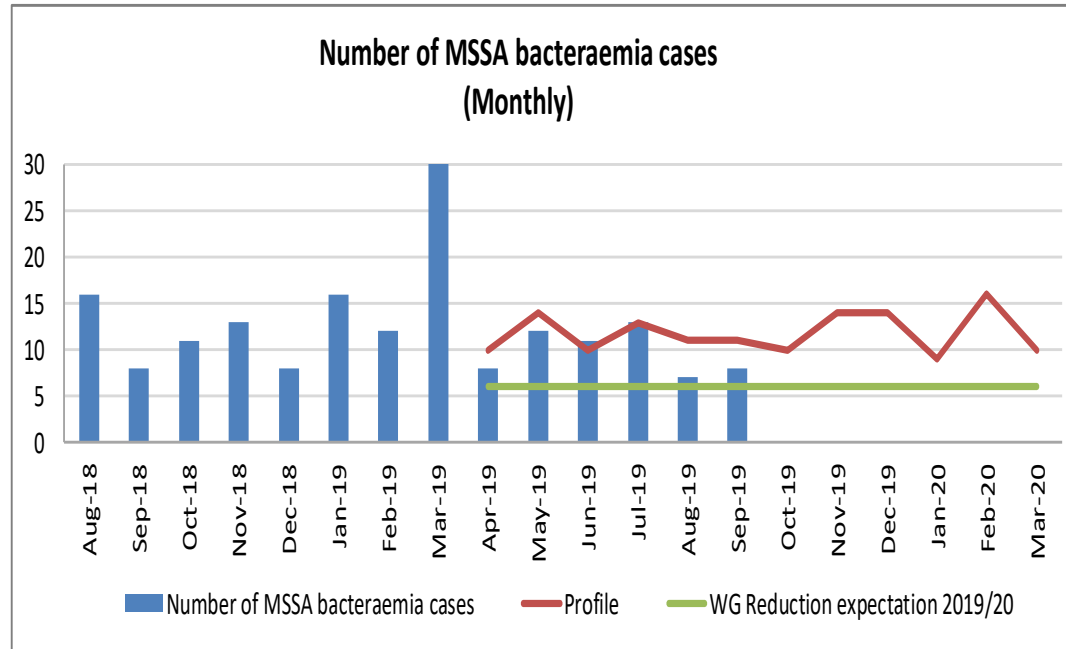
PCCS Hospital Acquired *C. difficile* infections:



- Monthly IMTP Profile (10% reduction)

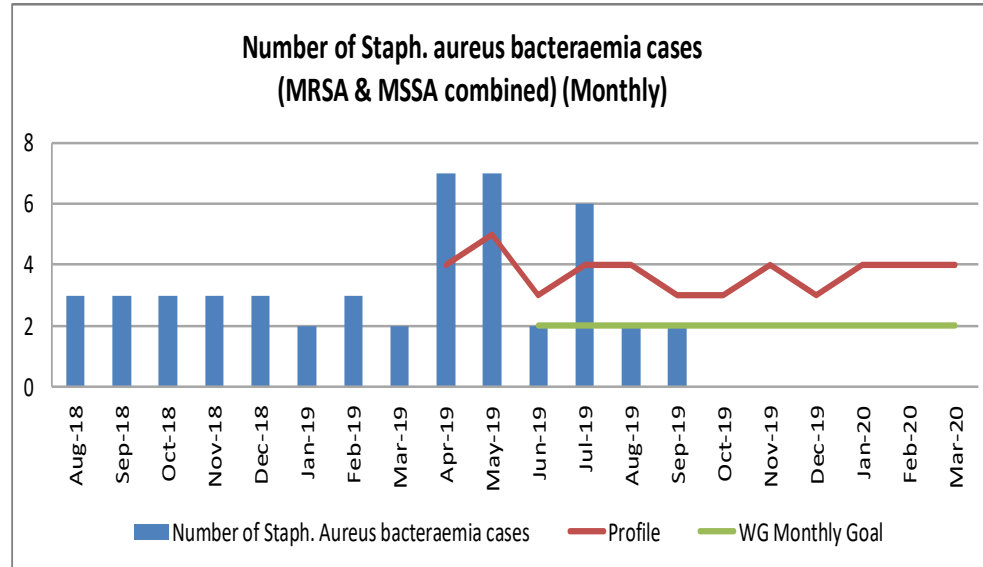


- Monthly IMTP Profile (10% reduction)

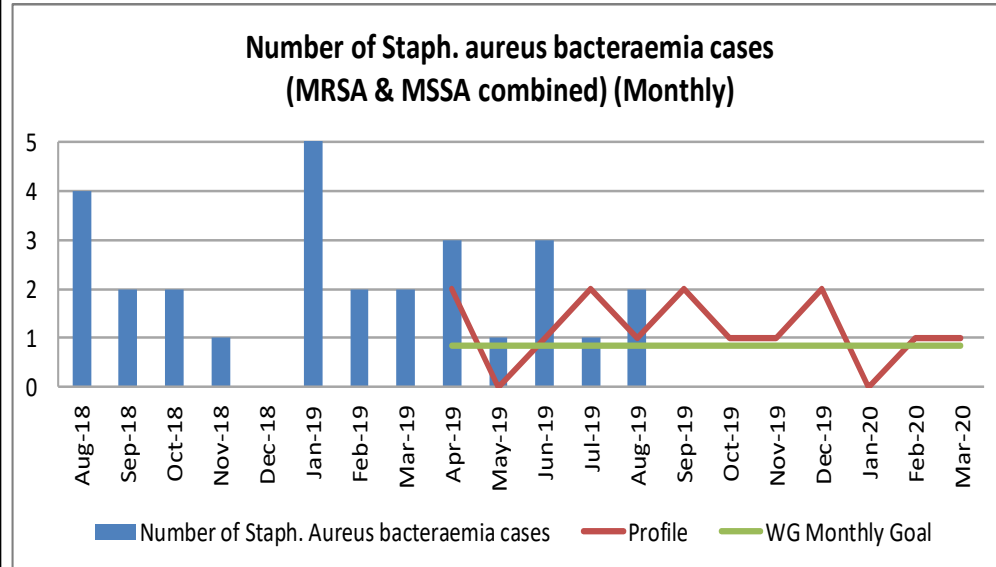


SBUHB HCAI *Staph. aureus* bacteraemia – supporting information

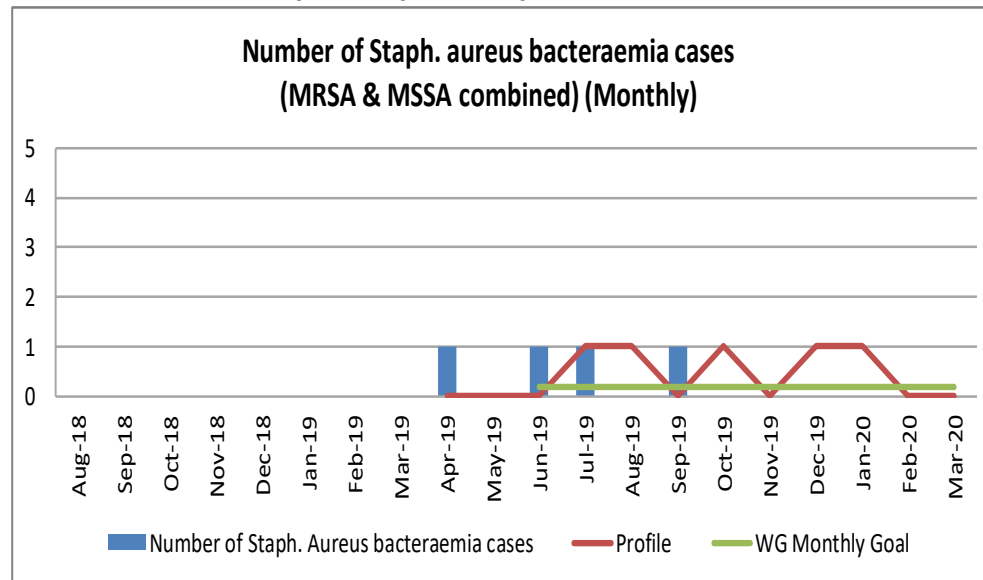
Morrison Hospital Acquired *Staph. aureus* bacteraemia:



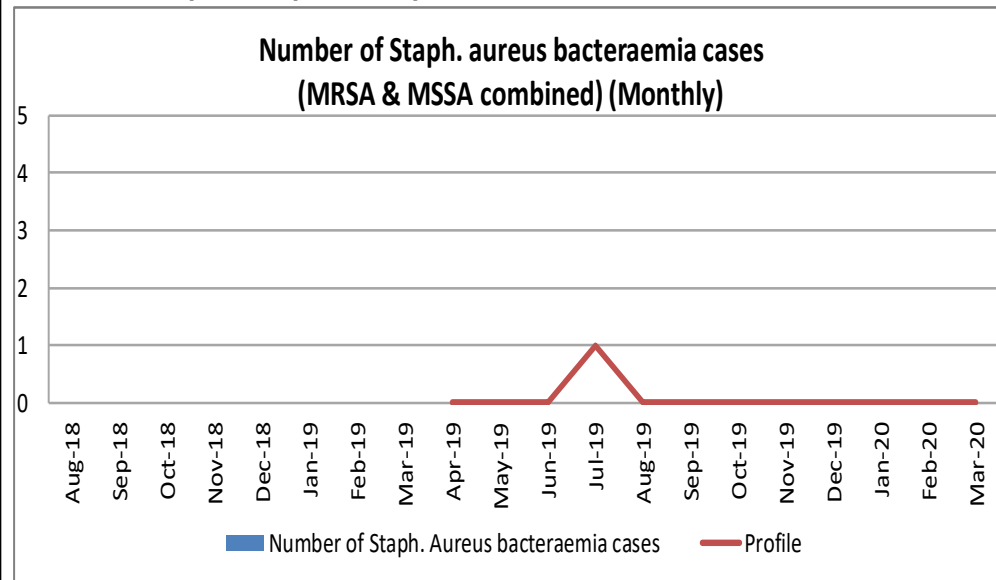
Singleton Hospital Acquired *Staph. aureus* bacteraemia:



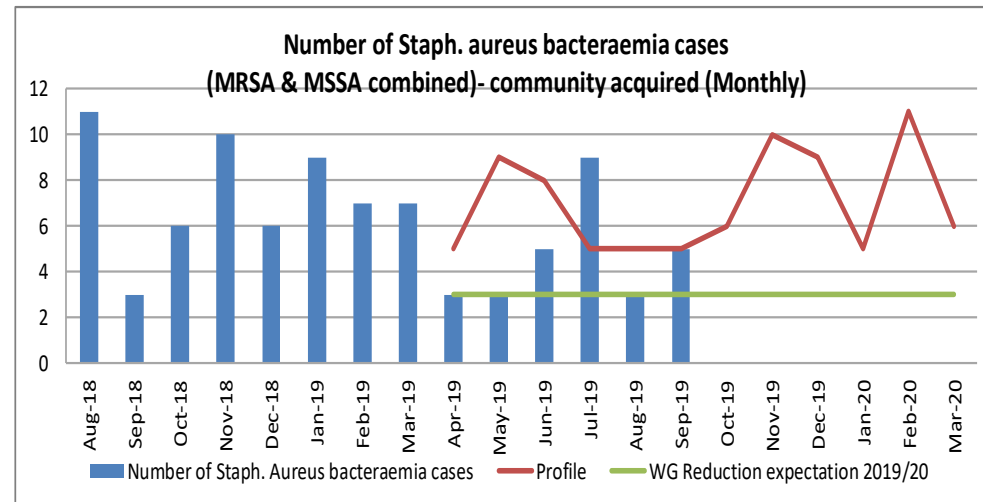
Neath Port Talbot Hospital Acquired *Staph. aureus* bacteraemia:



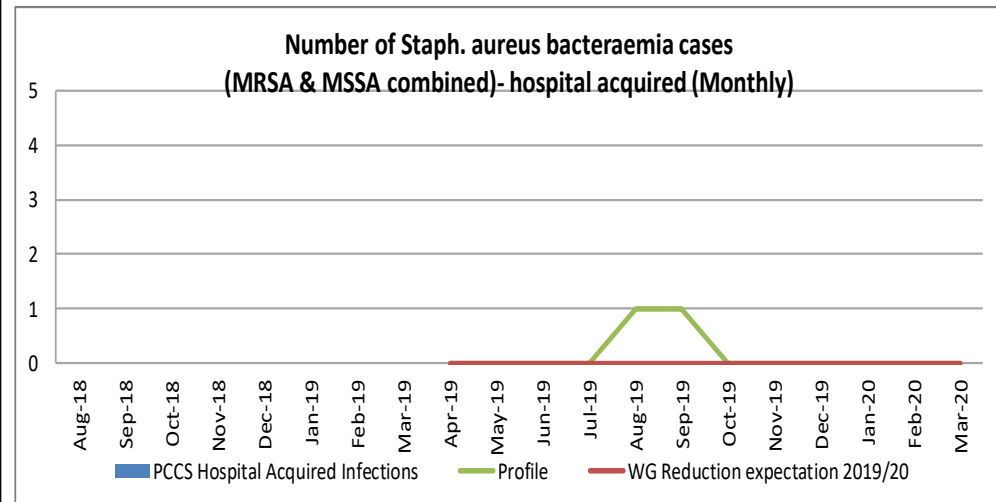
MH & LD Hospital Acquired *Staph. aureus* bacteraemia:



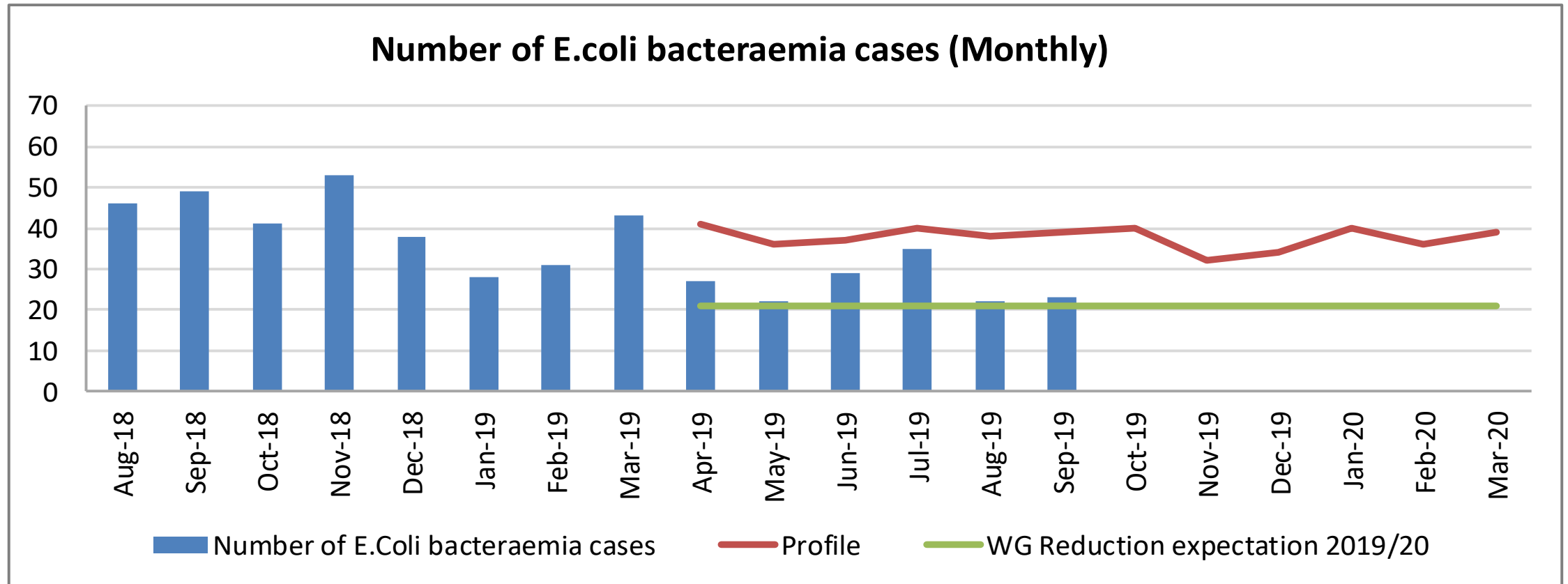
PCCS Community Acquired *Staph. aureus* bacteraemia:



PCCS Hospital Acquired *Staph. aureus* bacteraemia:

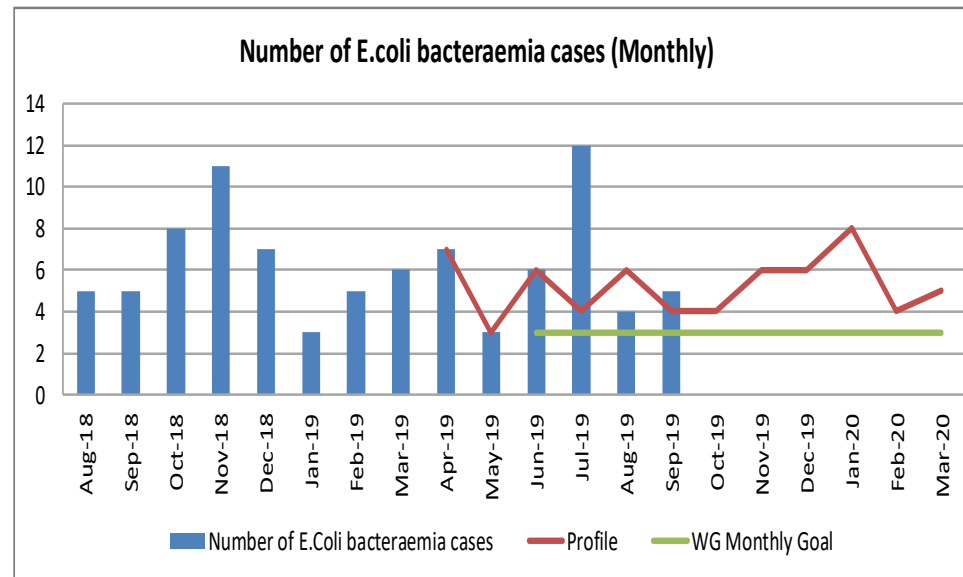


- Monthly IMTP Profile (5% reduction)

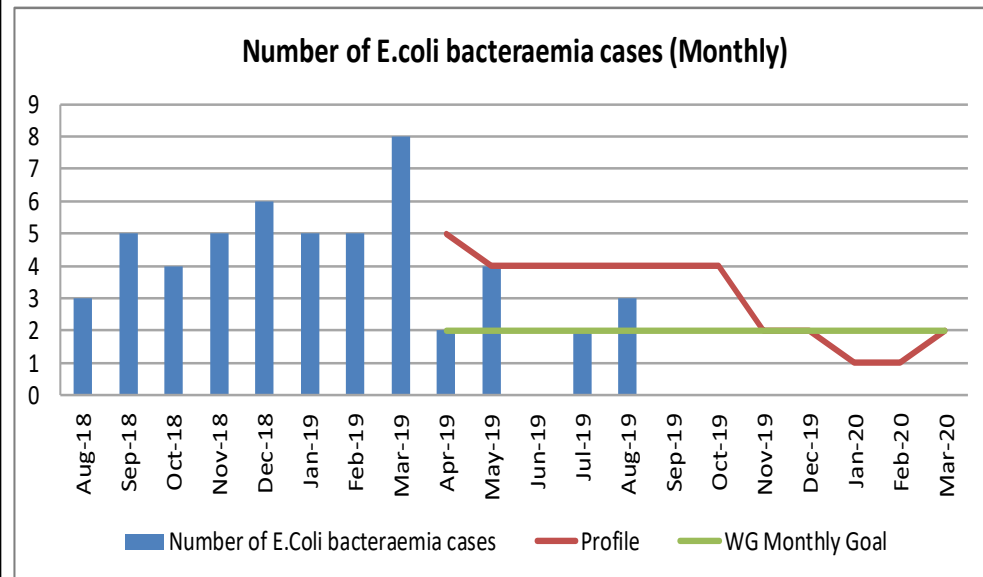


SBUHB HCAI *E. coli* bacteraemia – supporting information

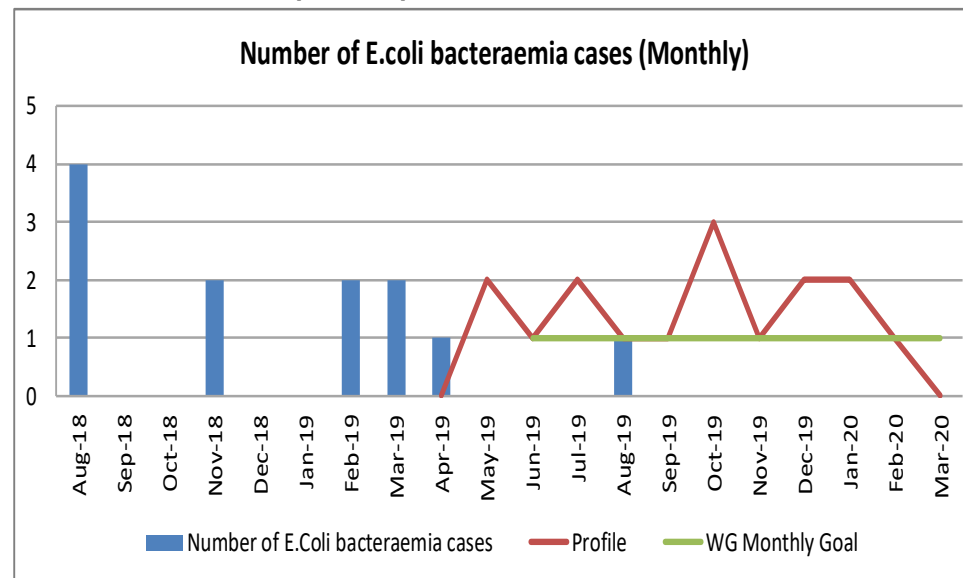
Morrison Hospital Acquired *E. coli* bacteraemia:



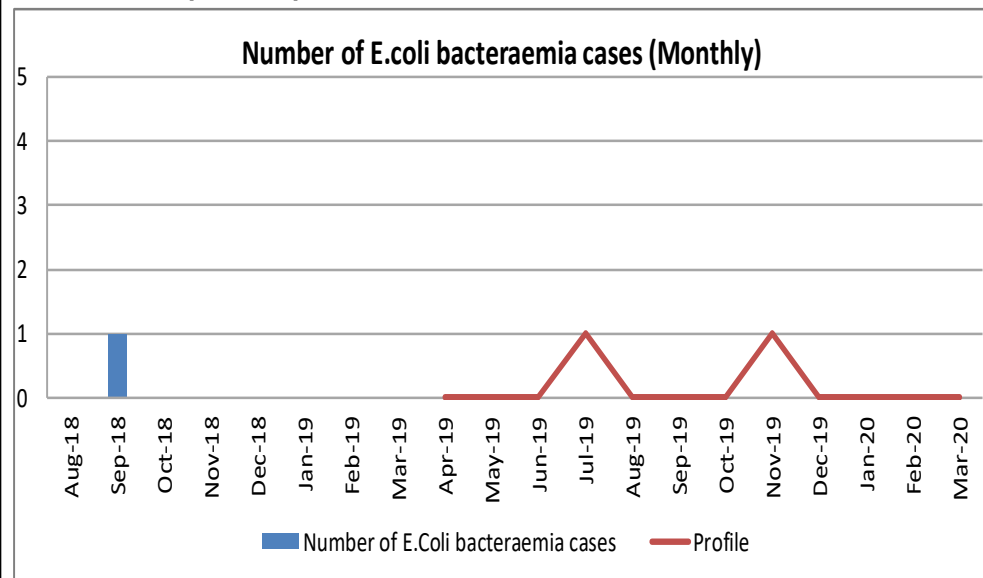
Singleton Hospital Acquired *E. coli* bacteraemia:



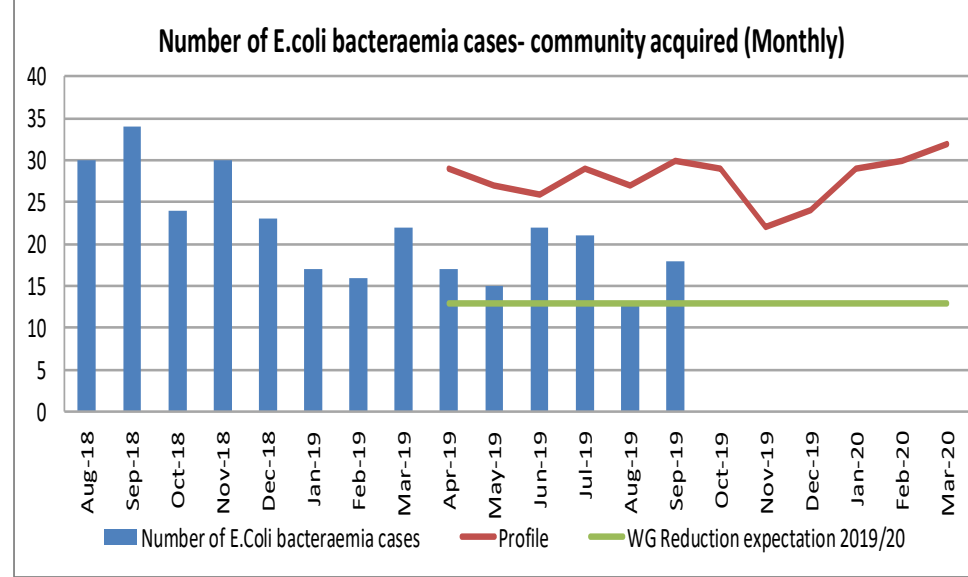
Neath Port Talbot Hospital Acquired *E. coli* bacteraemia:



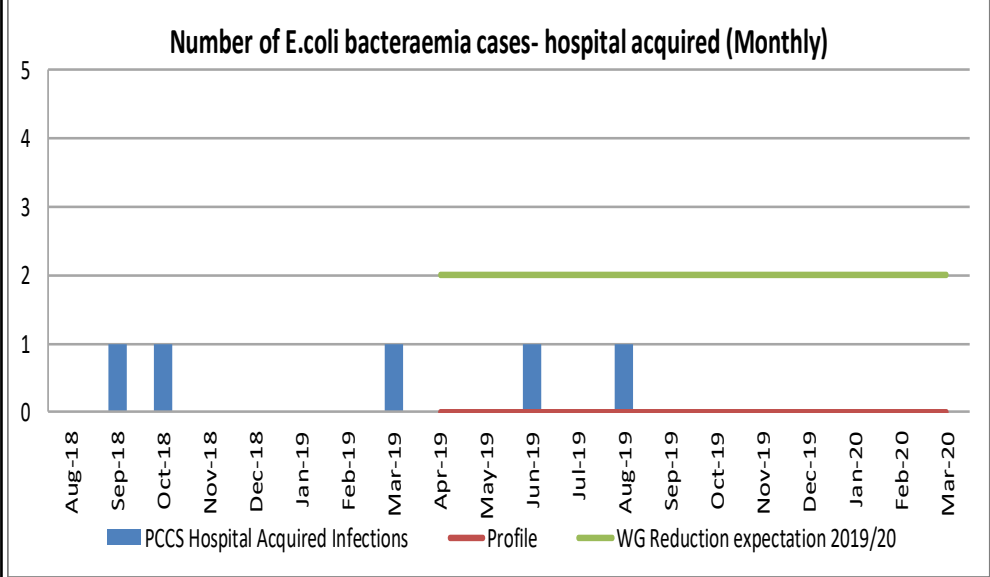
MH & LD Hospital Acquired *E. coli* bacteraemia:



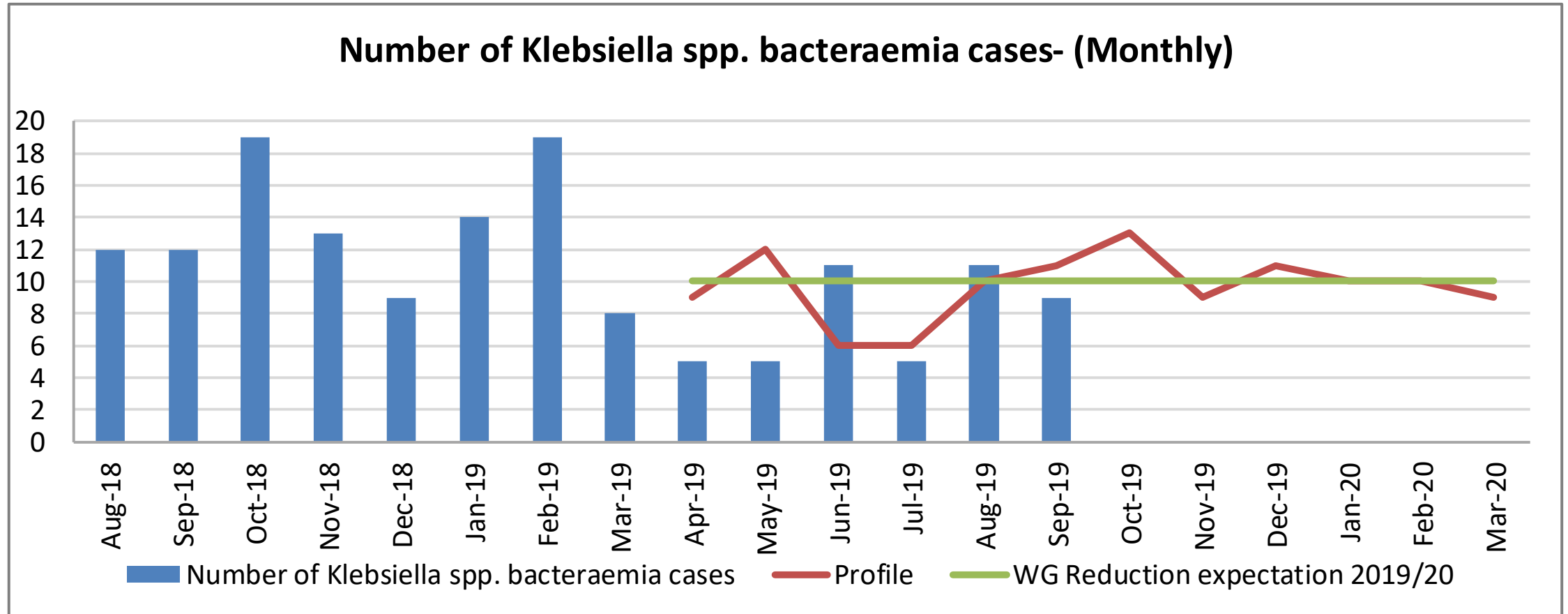
PCCS Community Acquired *E. coli* bacteraemia:



PCCS Hospital Acquired *E. coli* bacteraemia:

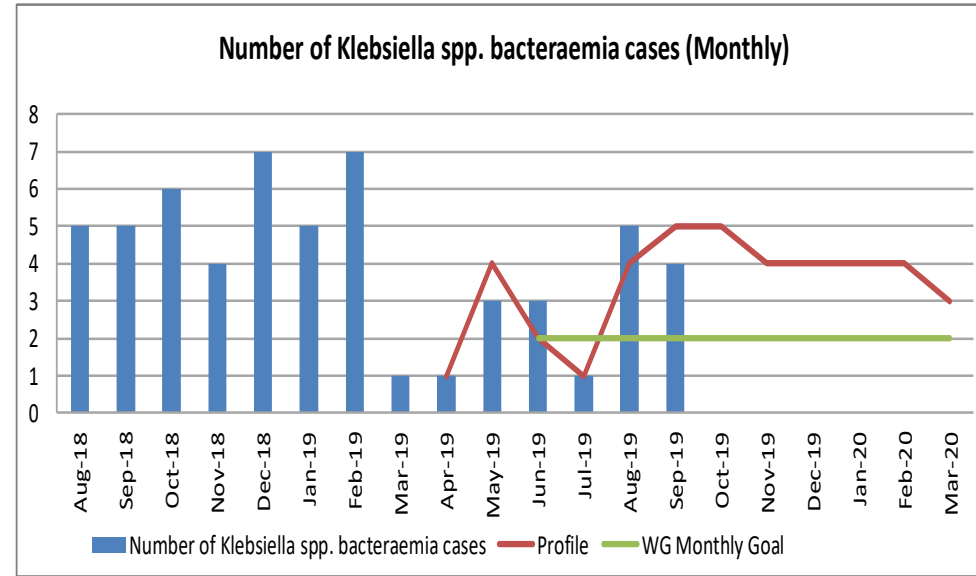


- Monthly IMTP Profile (5% reduction)

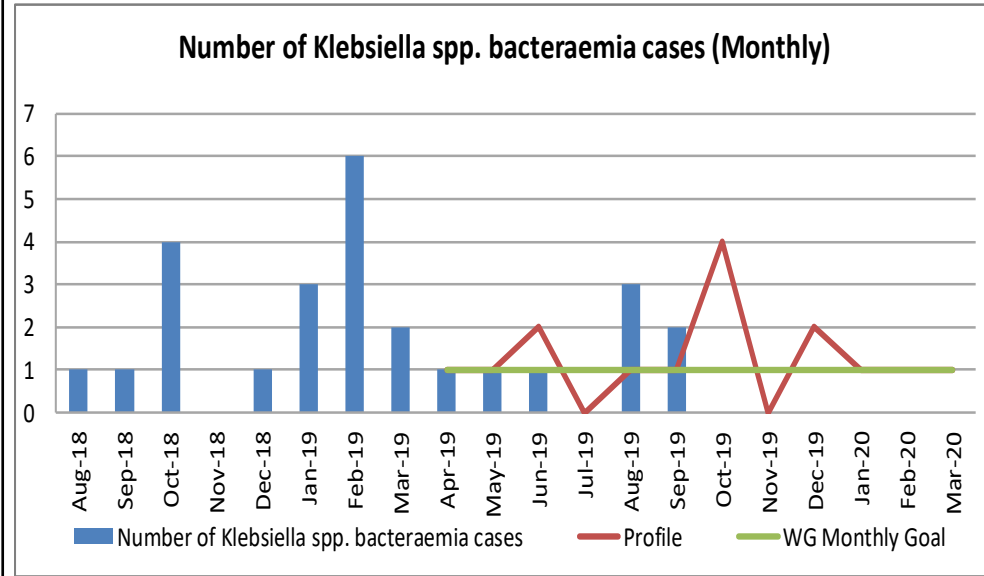


SBUHB HCAI *Klebsiella* spp. bacteraemia – supporting information

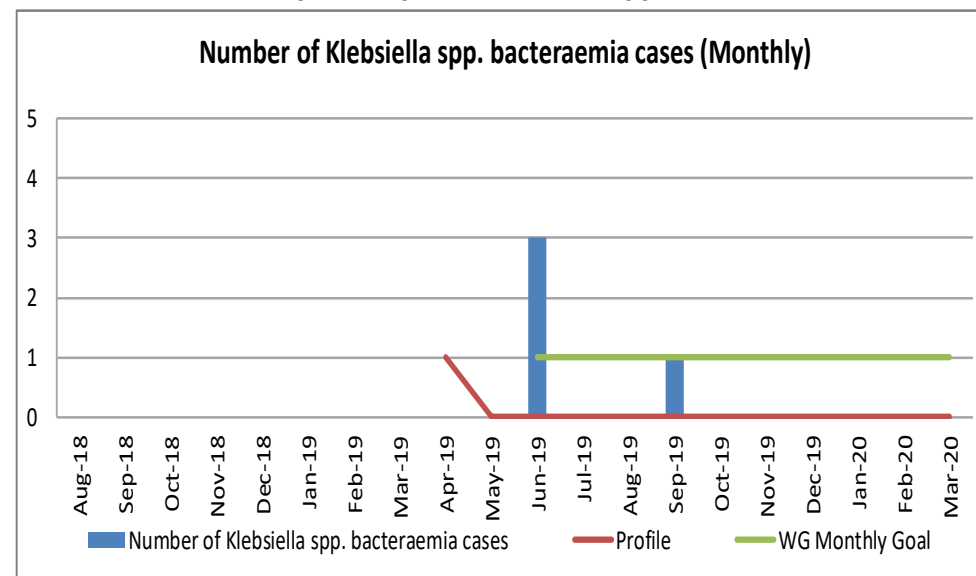
Morriston Hospital Acquired *Klebsiella* spp. bacteraemia:



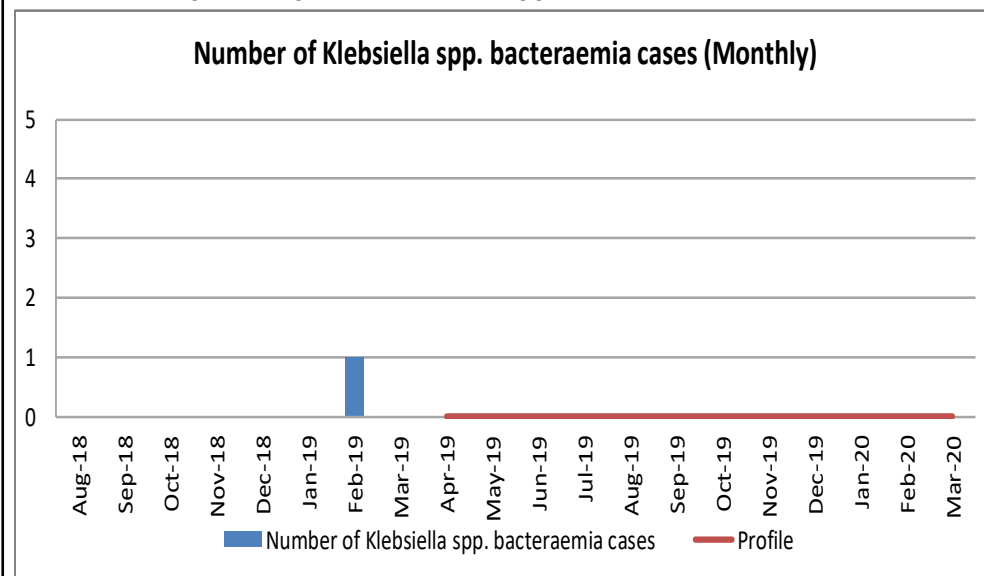
Singleton Hospital Acquired *Klebsiella* spp. bacteraemia:



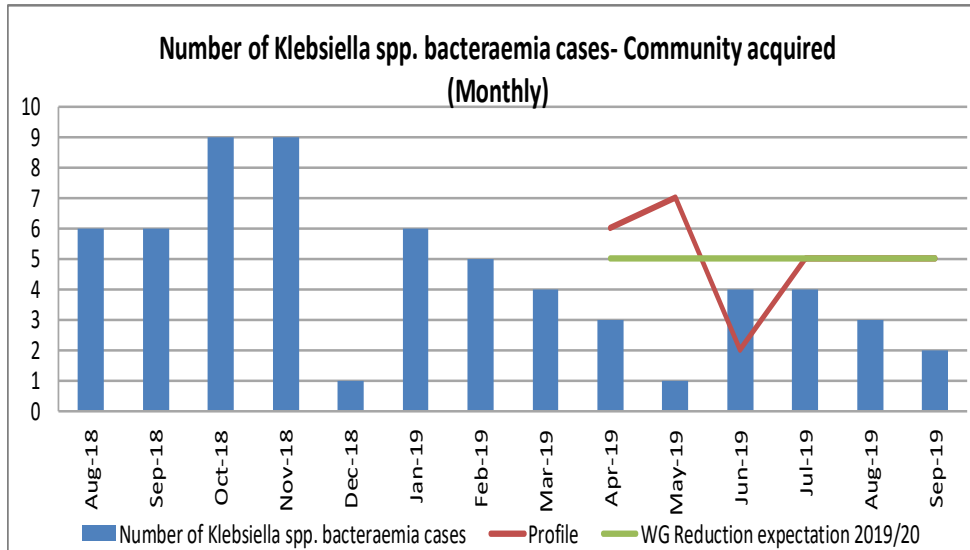
Neath Port Talbot Hospital Acquired *Klebsiella* spp. bacteraemia:



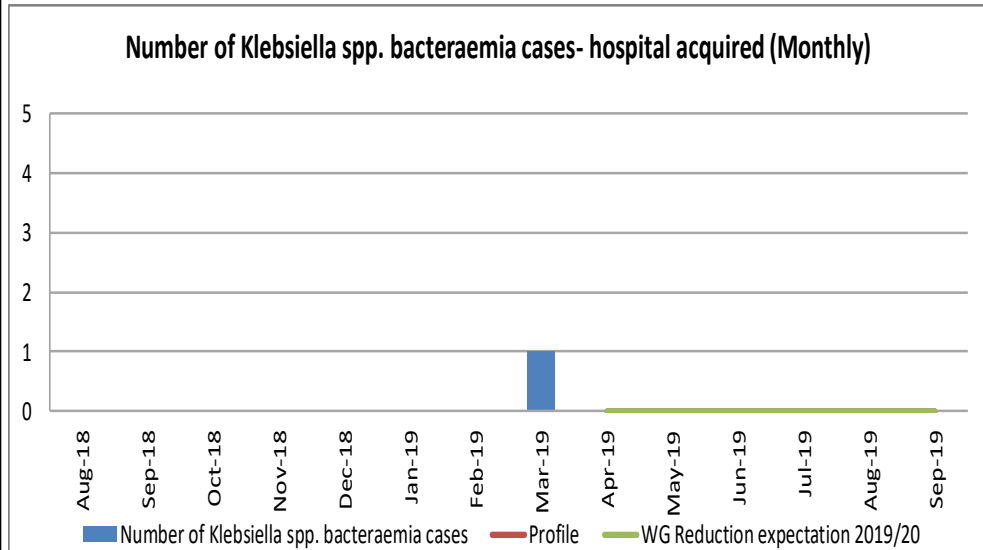
MH & LD Hospital Acquired *Klebsiella* spp. bacteraemia:



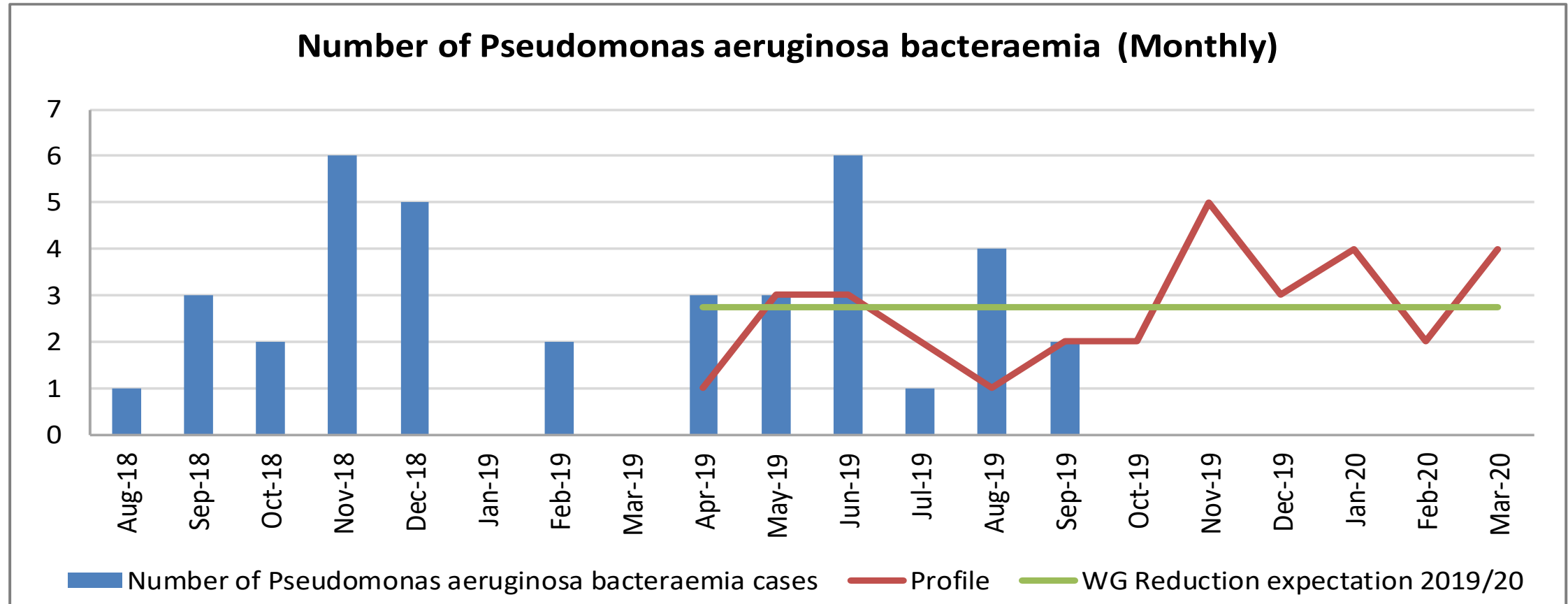
PCCS Community Acquired *Klebsiella* spp. bacteraemia:



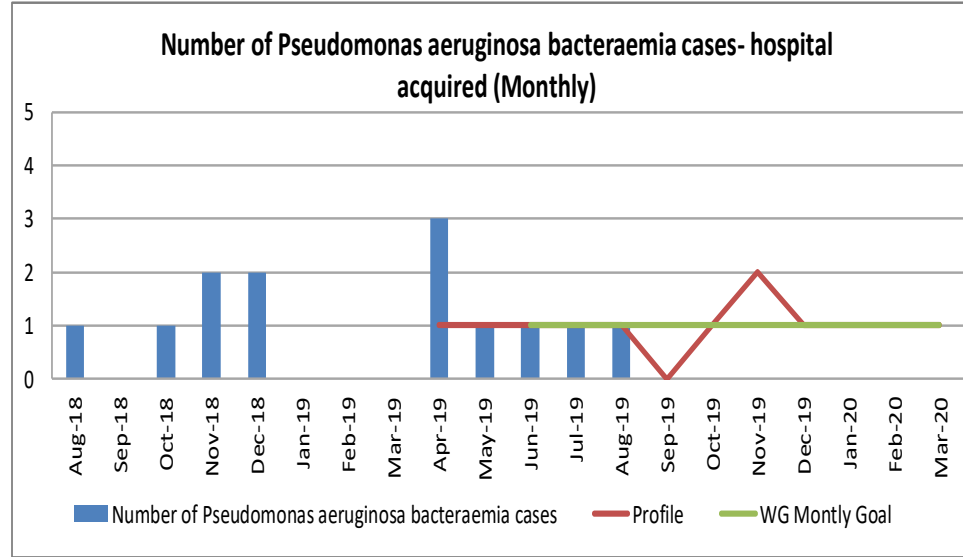
PCCS Hospital Acquired *Klebsiella* spp. bacteraemia:



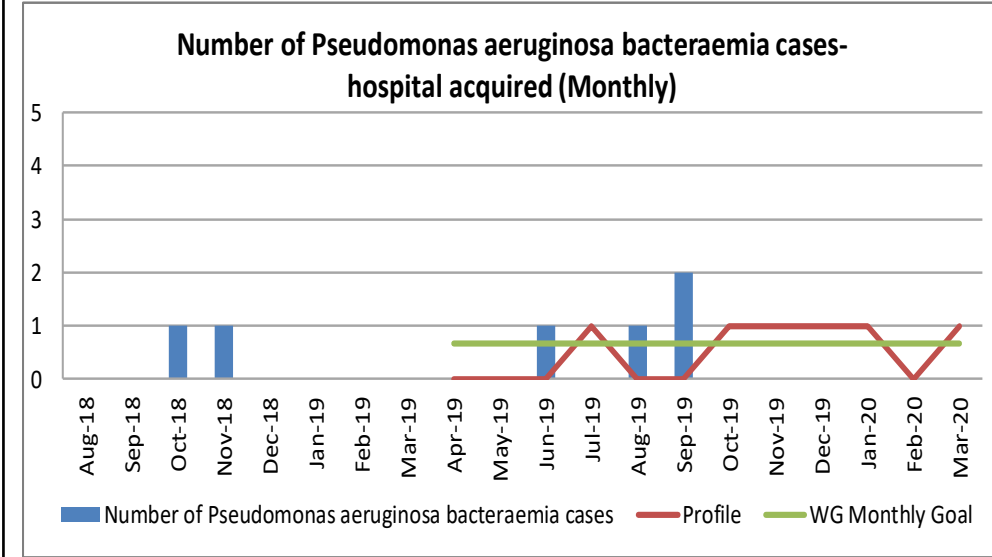
- Monthly IMTP Profile (5% reduction)



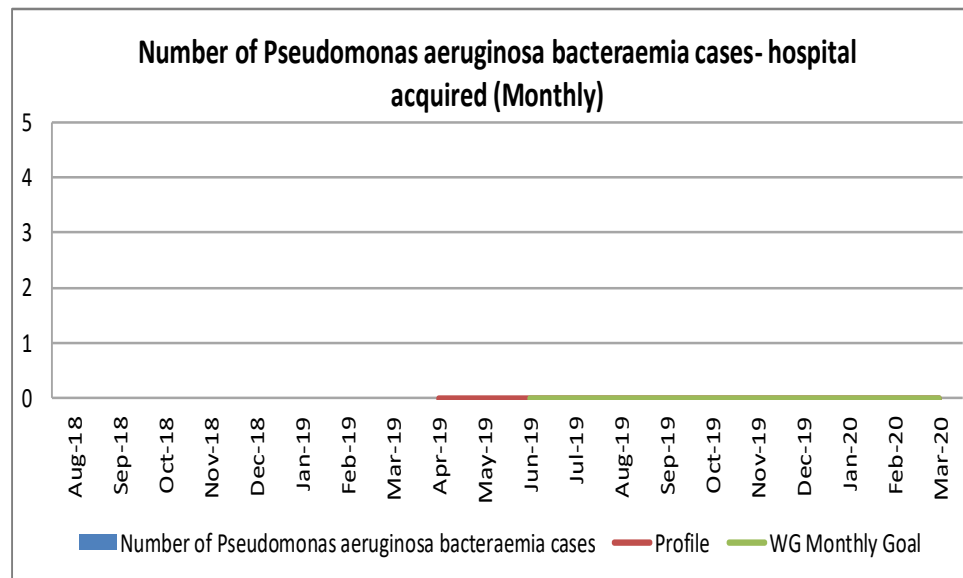
Morrison Hospital Acquired *Pseudomonas aeruginosa* bacteraemia:



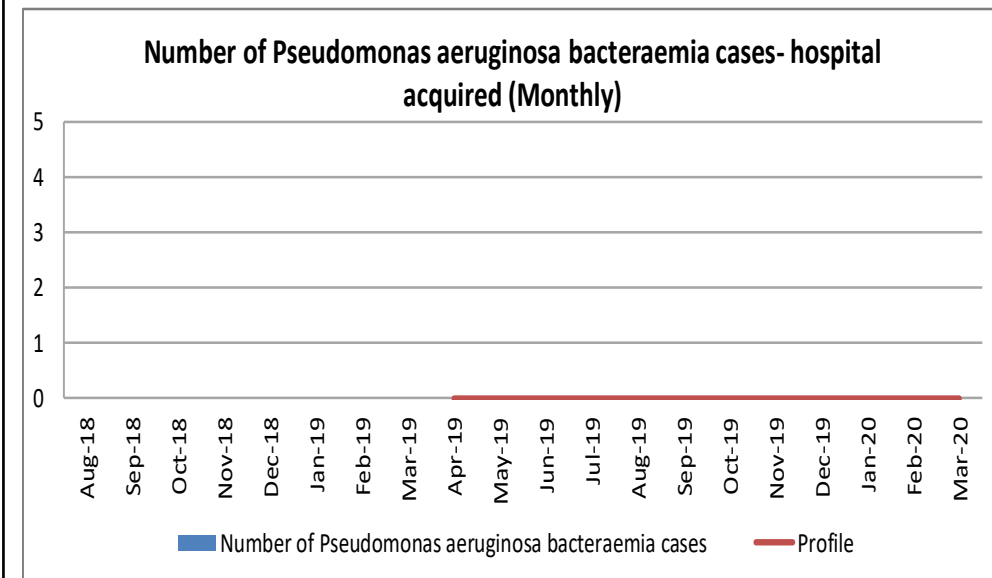
Singleton Hospital Acquired *Pseudomonas aeruginosa* bacteraemia:



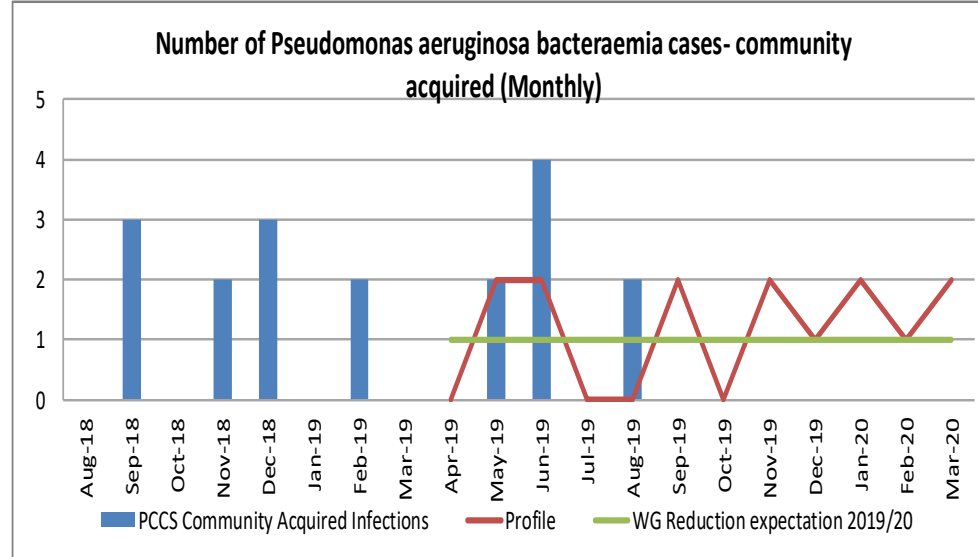
Neath Port Talbot Hospital Acquired *Pseudomonas aeruginosa* bacteraemia:



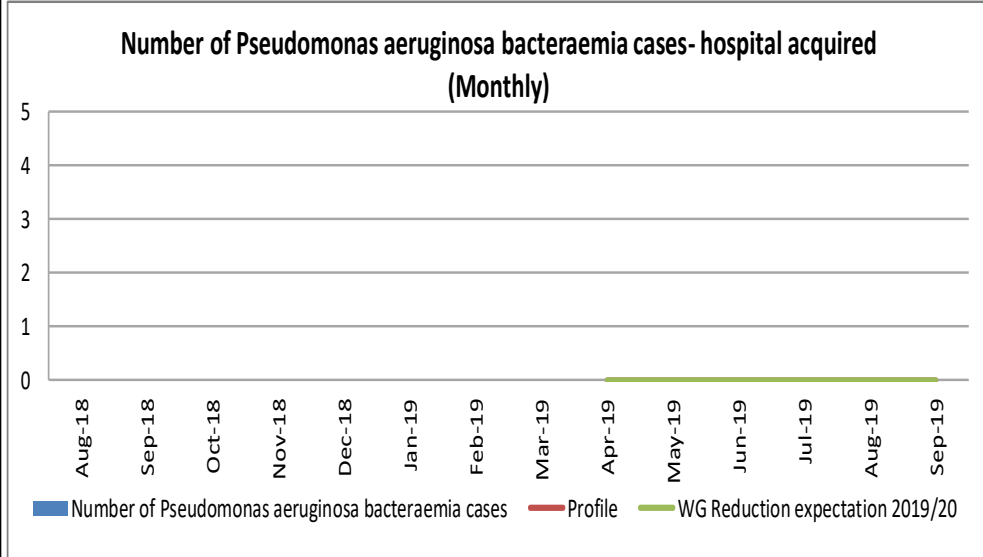
MH & LD Hospital Acquired *Pseudomonas aeruginosa* bacteraemia:



PCCS Community Acquired *Pseudomonas aeruginosa* bacteraemia:



PCCS Hospital Acquired *Pseudomonas aeruginosa* bacteraemia:



Combined HCAI Infections - Financial Impact to 30th September 2019

	Total Number of cases	Cost per case (approx.)	Total cost
<i>Clostridium difficile</i>	57	£10,000	£570,000
<i>Staph. aureus</i> bacteraemia	68	£7,000	£476, 000
<i>E. coli</i> bacteraemia (antibiotic sensitive)	130	£1,100	£143,000
<i>E. coli</i> bacteraemia (multi-resistant)	28	£1,400	£39,200
Total impact HCAI			£1,228,200

