



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 31st May 2019



Swansea Bay UHB HCAI Infection Reduction Progress YTD (to 25/05/19)

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;

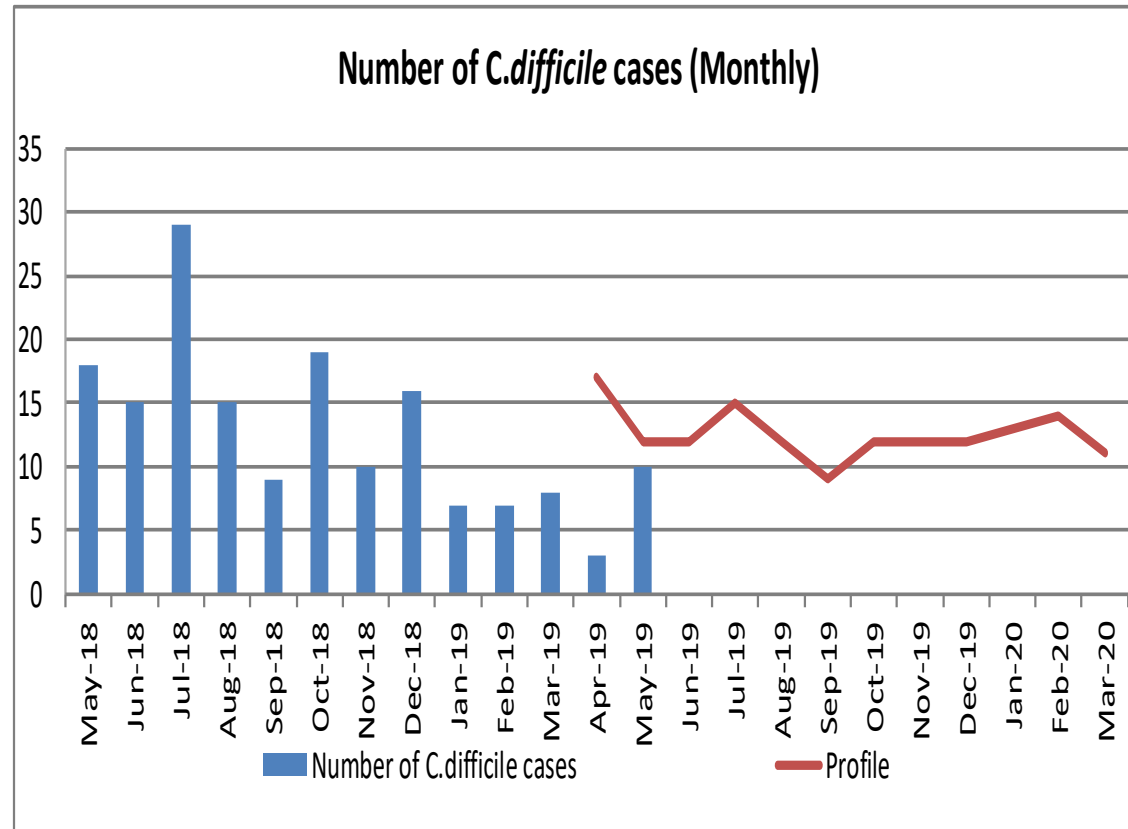
E. coli bacteraemia: 5% reduction against the 2017/18 position.

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

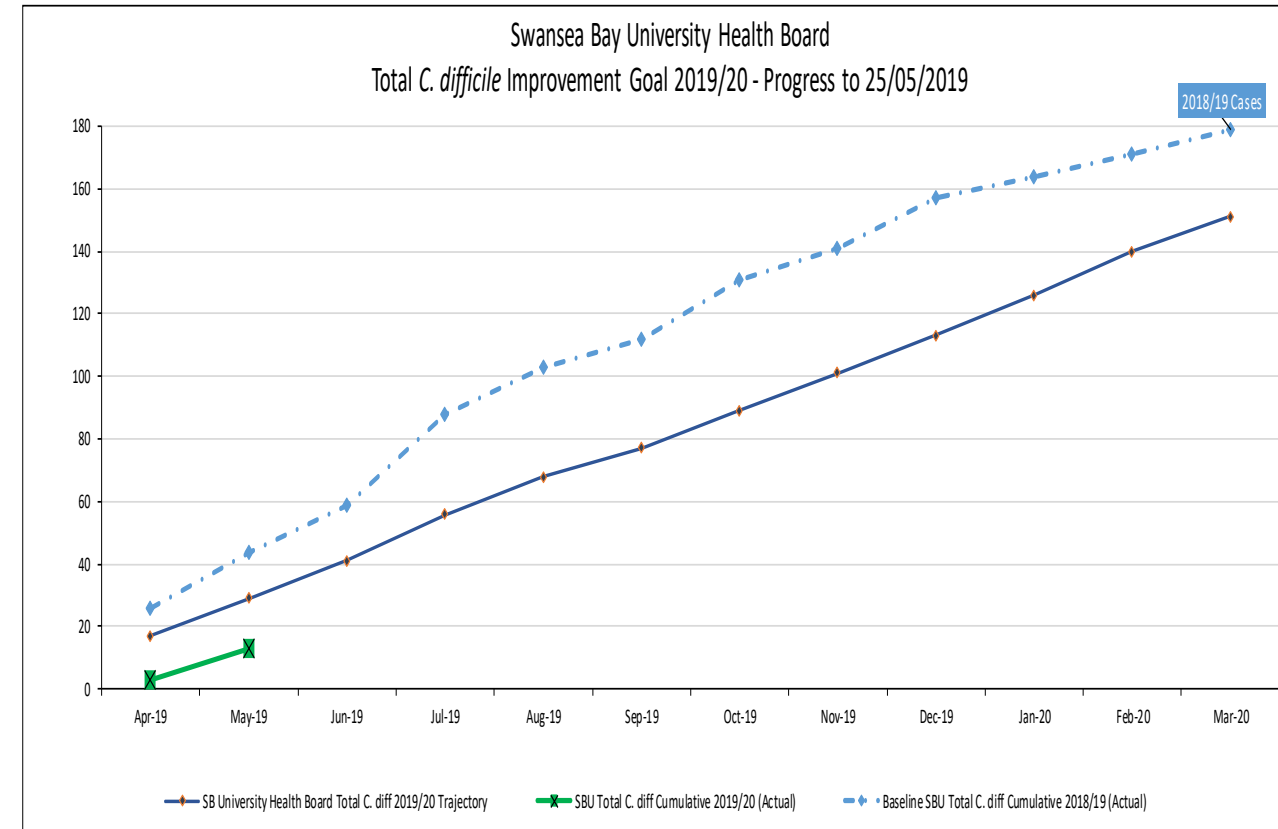
Measures	WG National Target for NHS Wales	IMTP Profile May 2019	May 2019 (to 31/05/19)	Total number of cases YTD (to 31/05/19)	Number of cases above or below trajectory
<i>Clostridium difficile</i>	136 cases (max.) 26/100,000 pop.	12	11	14	≤ 15 ↓
<i>Staph. aureus</i> bacteraemia	105 cases (max.) 20/100,000 pop.	14	11	25	≡
<i>E. coli</i> bacteraemia	352 cases (max.) 67/100,000 pop.	36	22	49	≤ 28 ↓
<i>Klebsiella spp.</i> bacteraemia	<10 cases/month	<10	5	10	≤ 11 ↓
<i>Pseudomonas aeruginosa</i> bacteraemia	<3 cases/month	<3	3	6	≤ 2 ↑



- Monthly IMTP Profile (15% reduction)

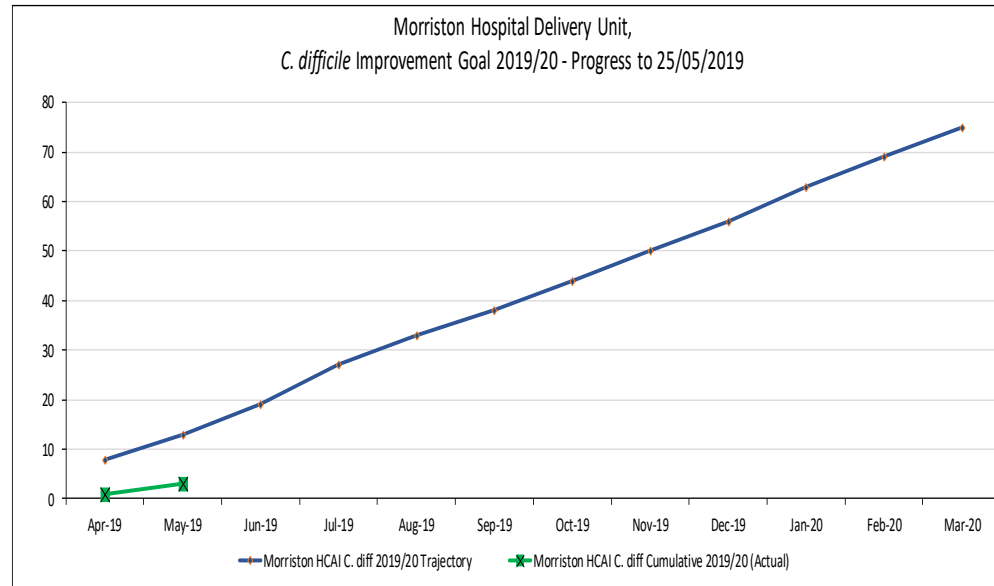


- IMTP cumulative trajectory progress (15% reduction)

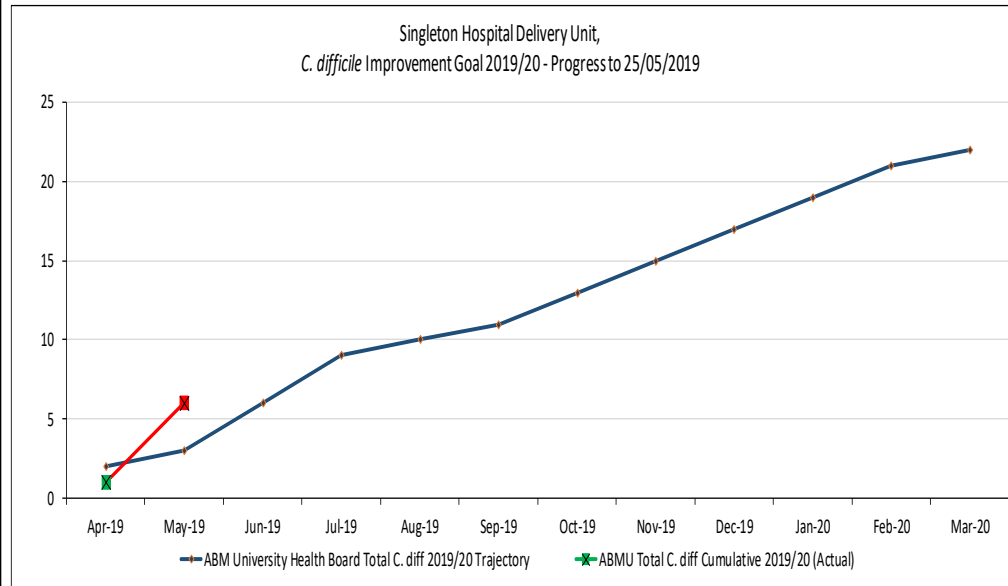


HCAI *Clostridium difficile* infection – supporting information

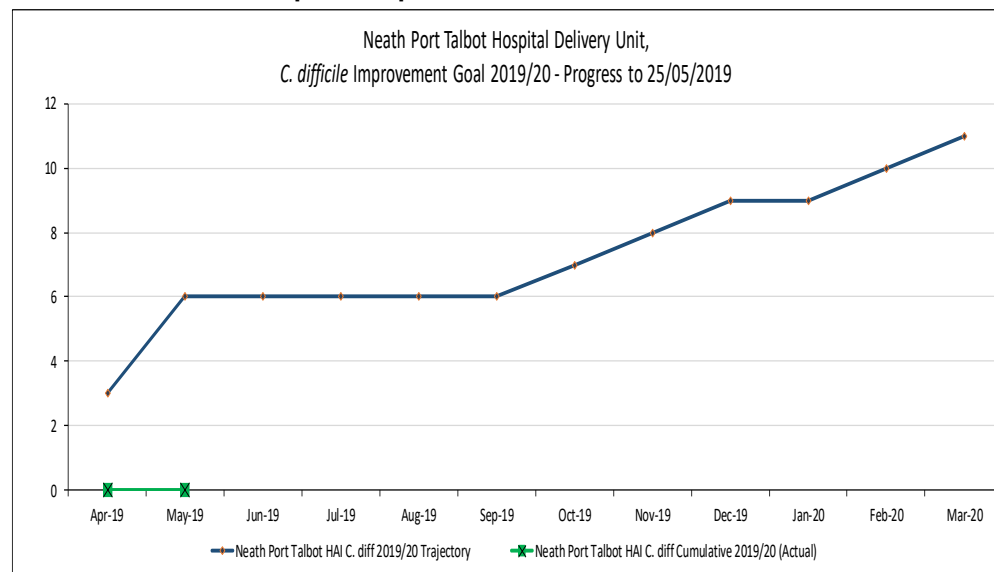
Morrison Hospital Acquired *C. difficile* infections:



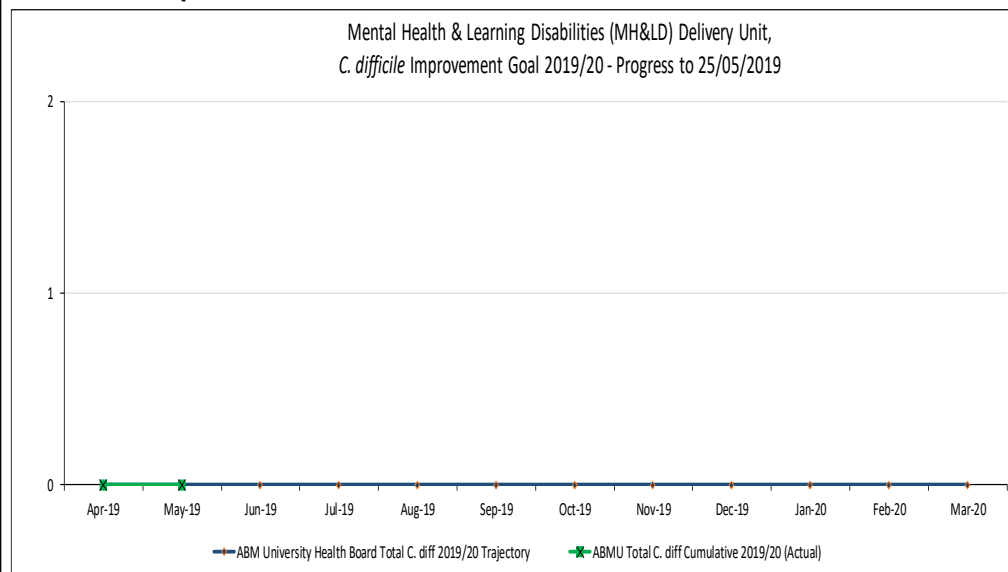
Singleton Hospital Acquired *C. difficile* infections:



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

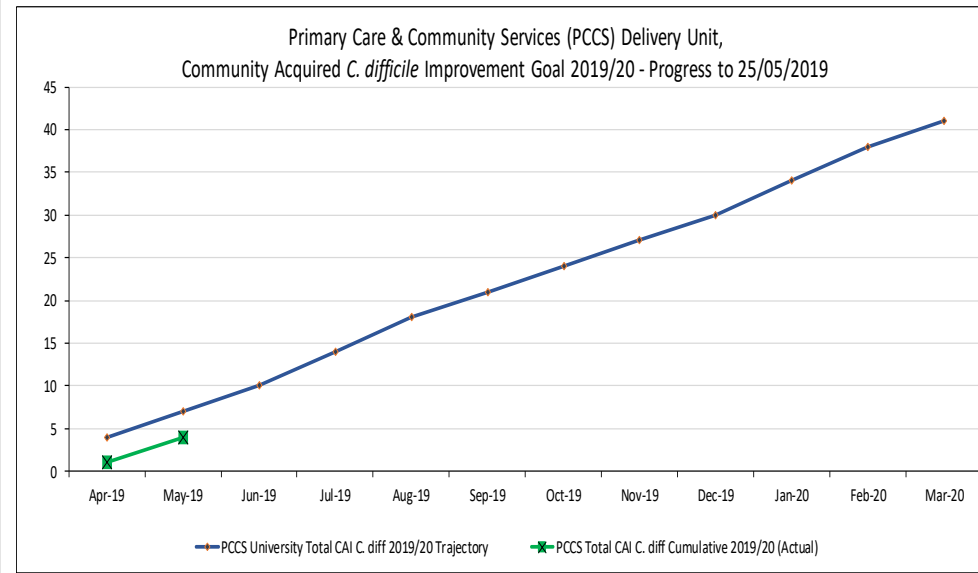


MH & LD Acquired *C. difficile* infections:

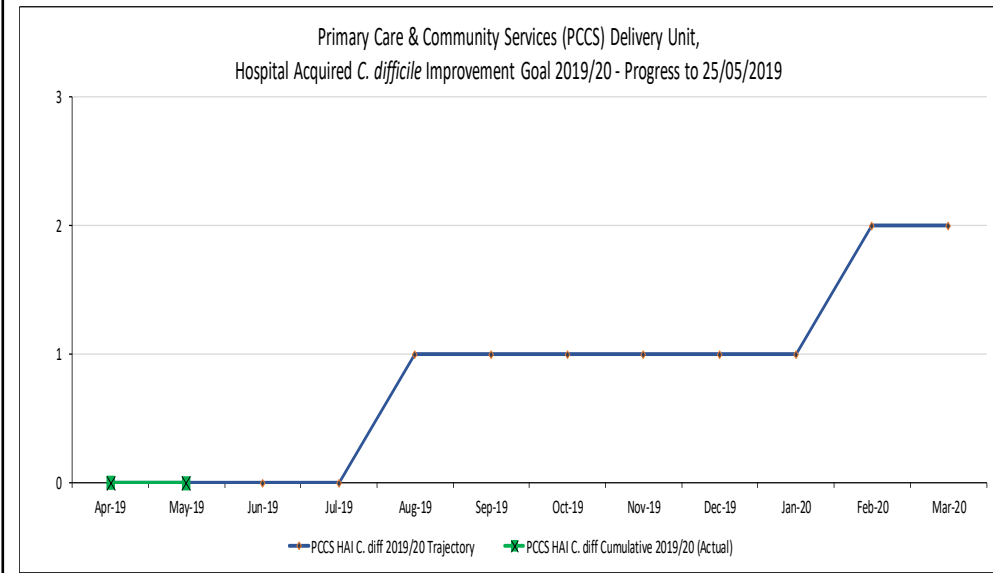


HCAI *Clostridium difficile* infection – supporting information

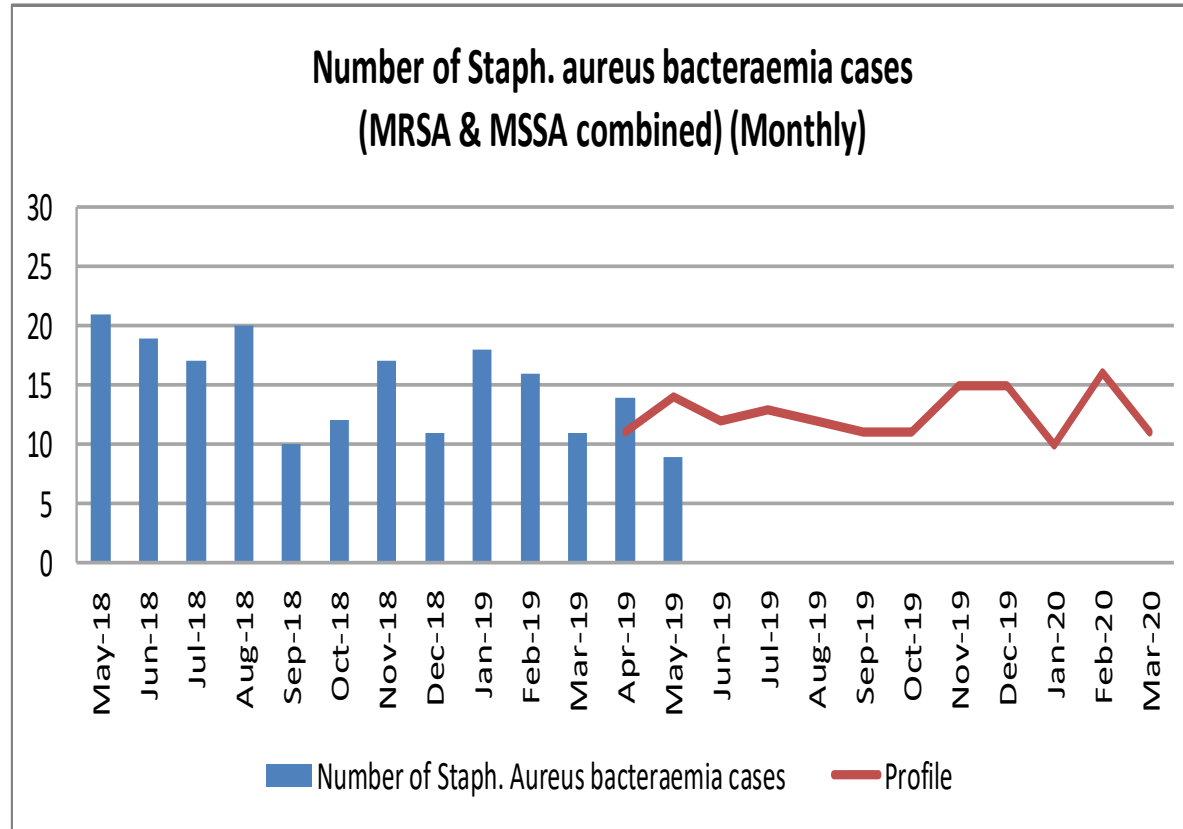
PCCS Community Acquired *C. difficile* infections:



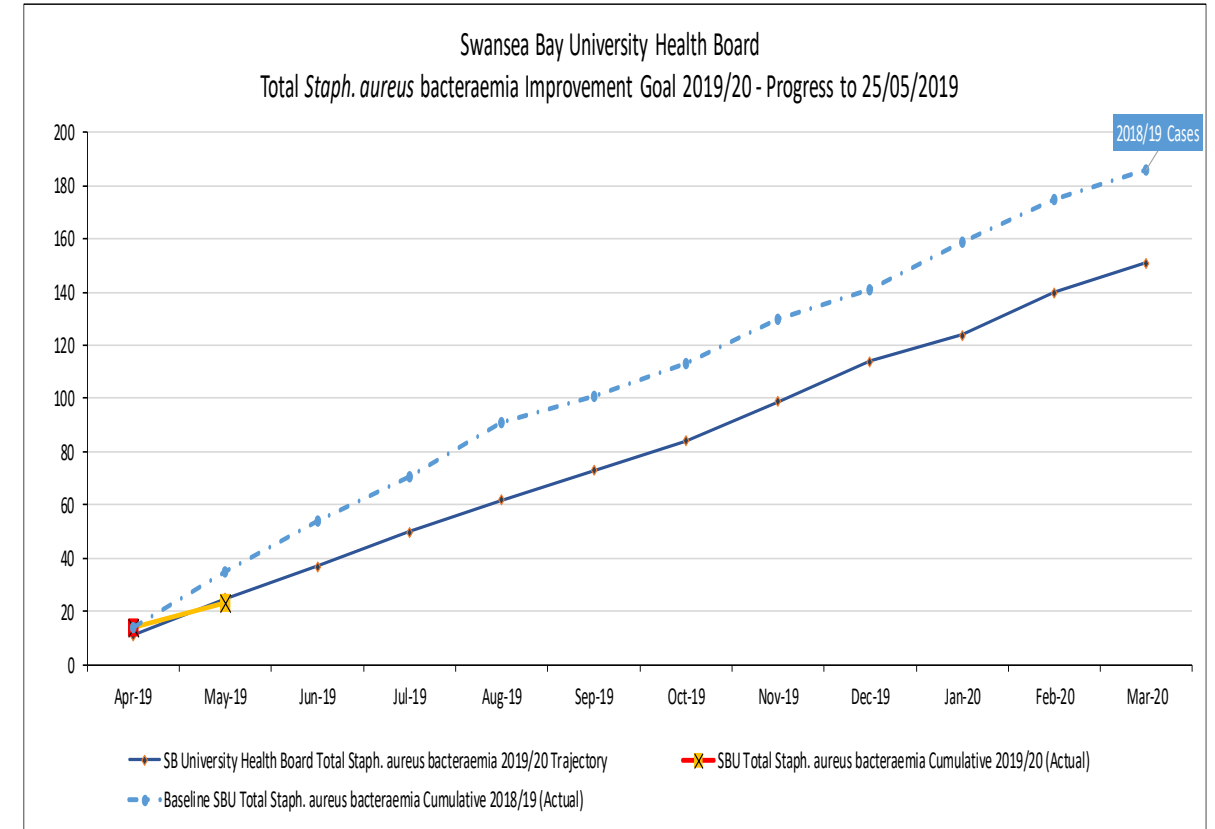
PCCS Hospital Acquired *C. difficile* infections:



- Monthly IMTP Profile (10% reduction)

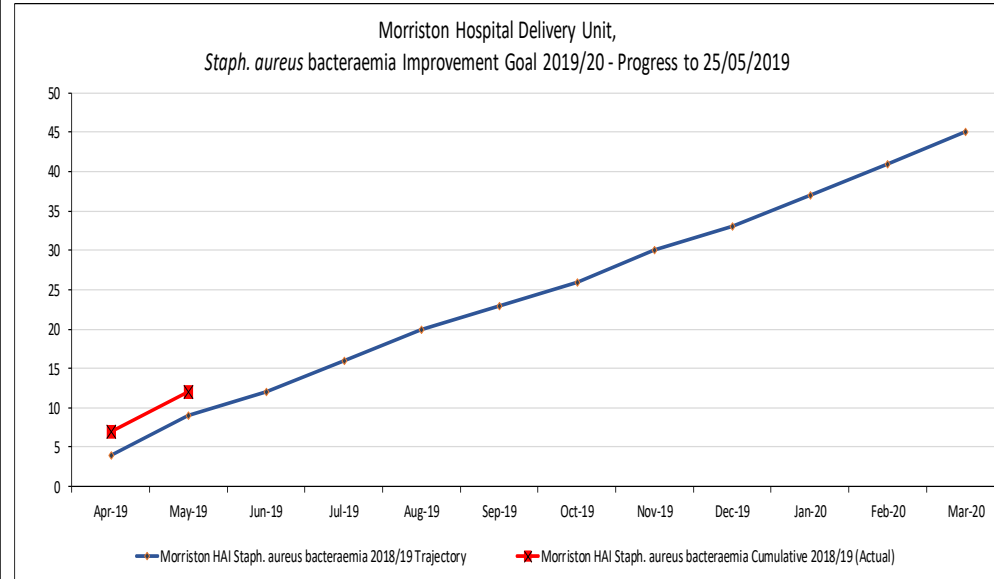


- IMTP cumulative trajectory progress (10% reduction)

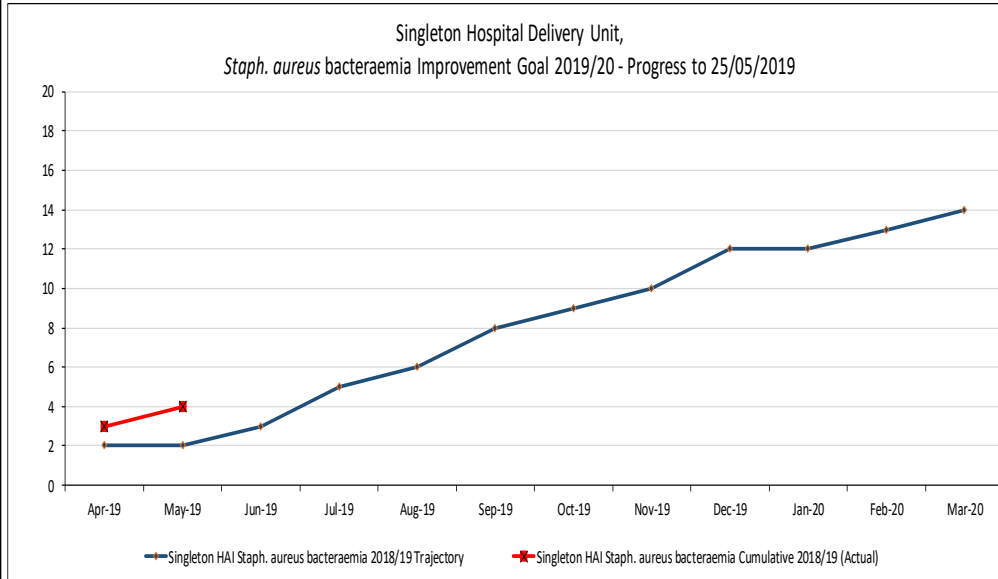


HCAI *Staph. aureus* bacteraemia – supporting information

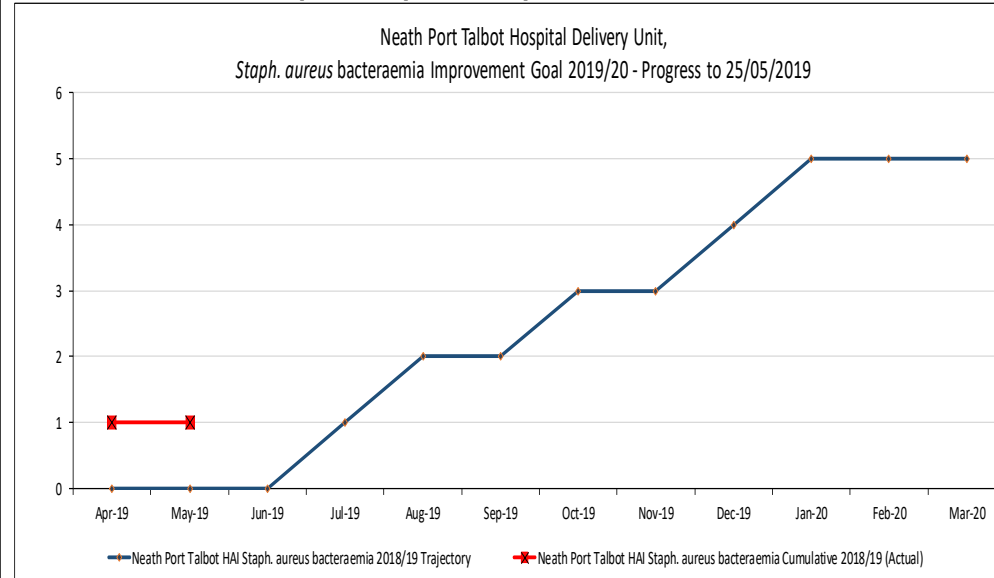
Morrison Hospital Acquired *Staph. aureus* bacteraemia:



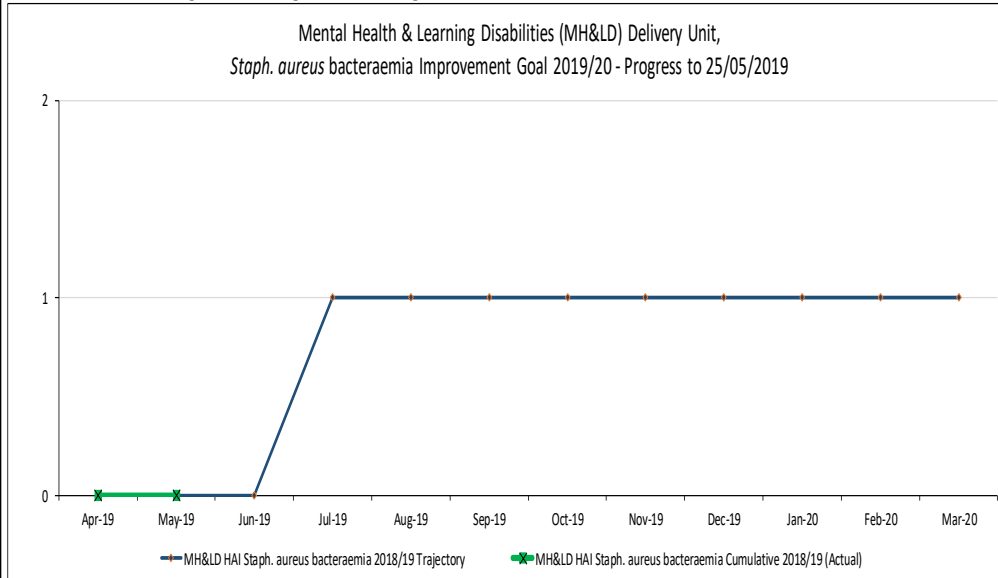
Singleton Hospital Acquired *Staph. aureus* bacteraemia:



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

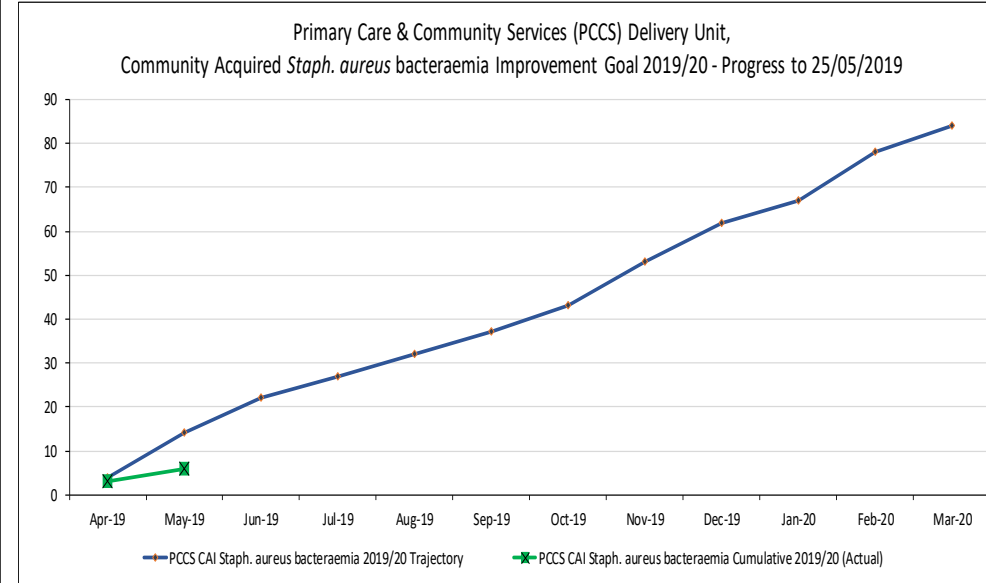


MH & LD Hospital Acquired *Staph. aureus* bacteraemia:

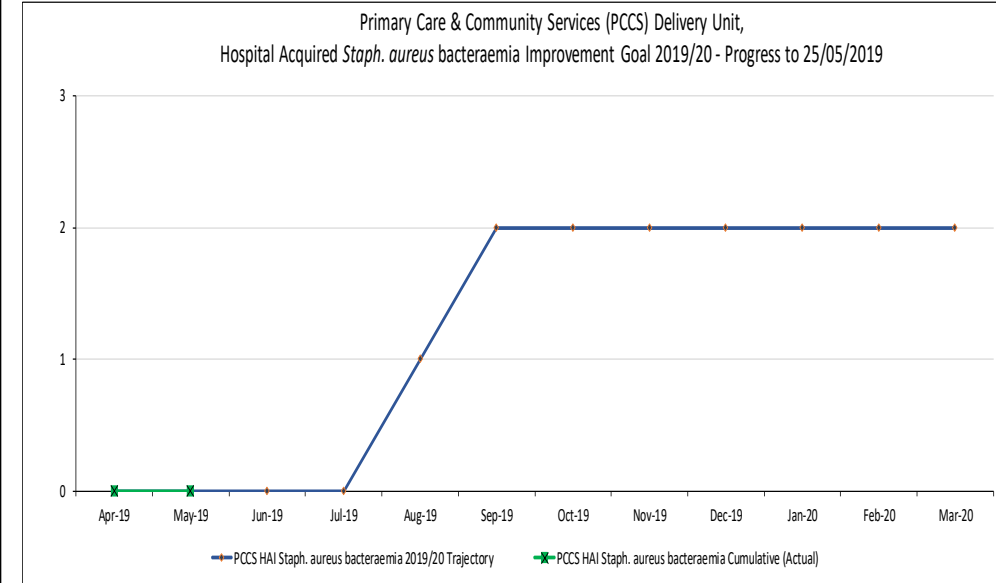


HCAI *Staph. aureus* bacteraemia – supporting information

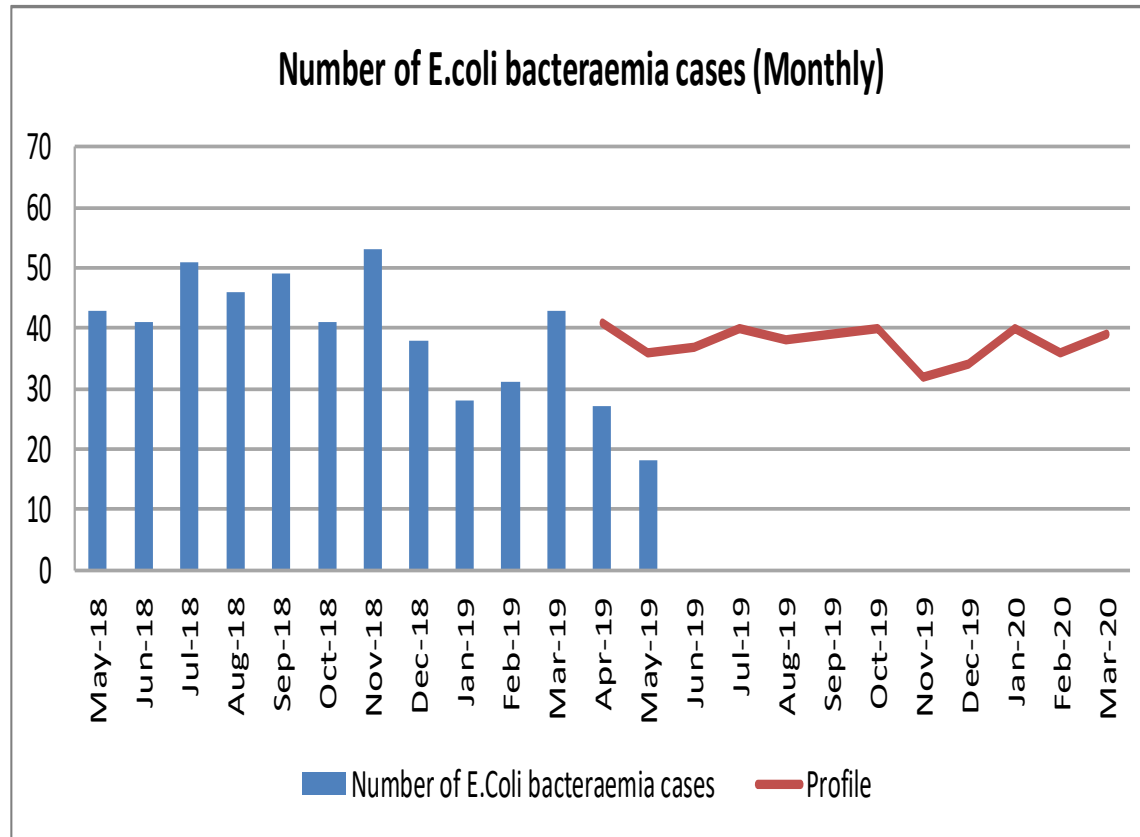
PCCS Community Acquired *Staph. aureus* bacteraemia:



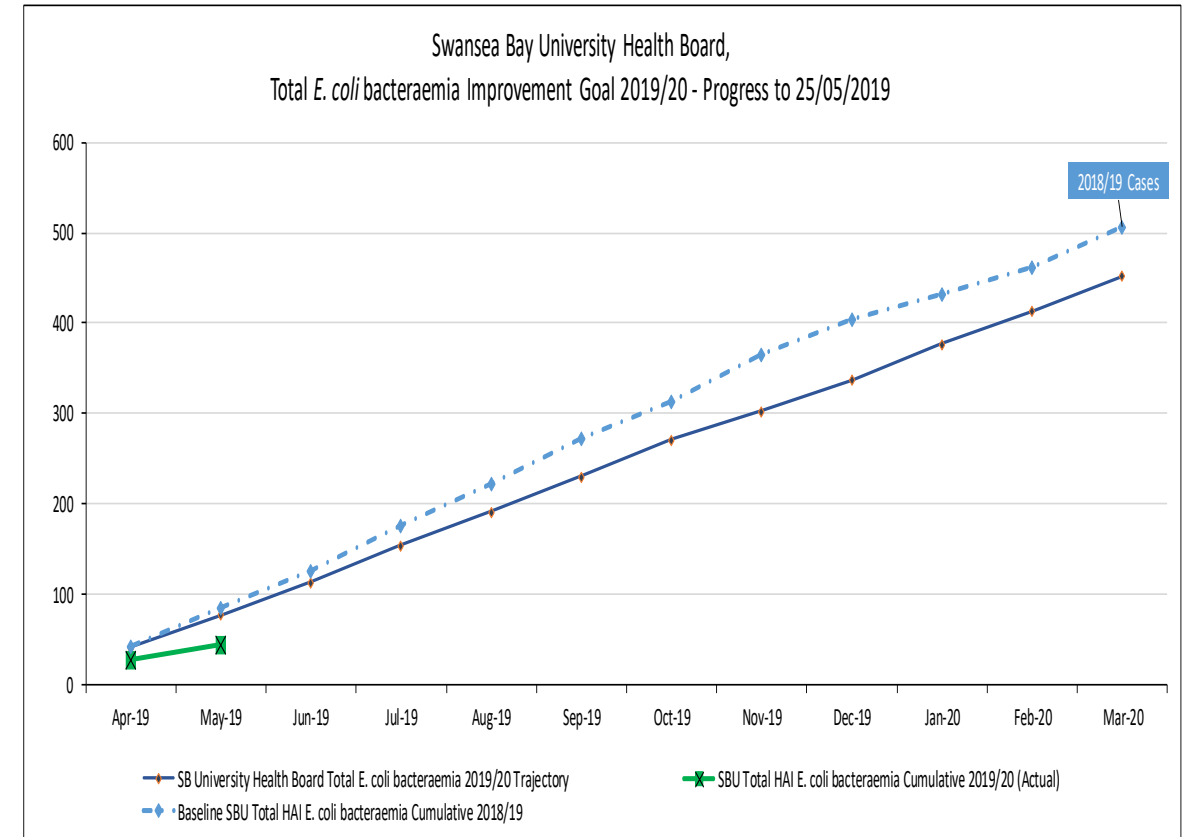
PCCS Hospital Acquired *Staph. aureus* bacteraemia:



- Monthly IMTP Profile (5% reduction)

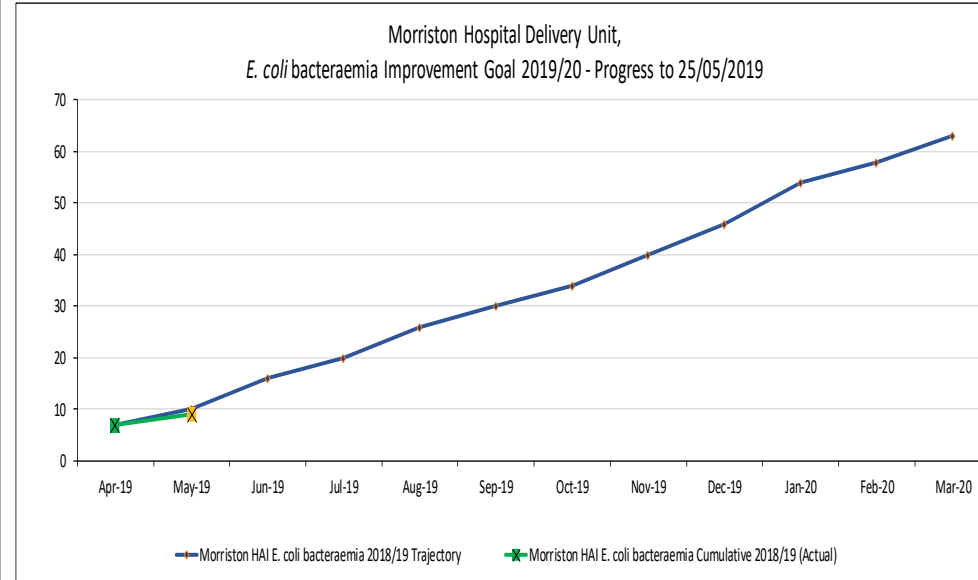


- IMTP cumulative trajectory progress (5% reduction)

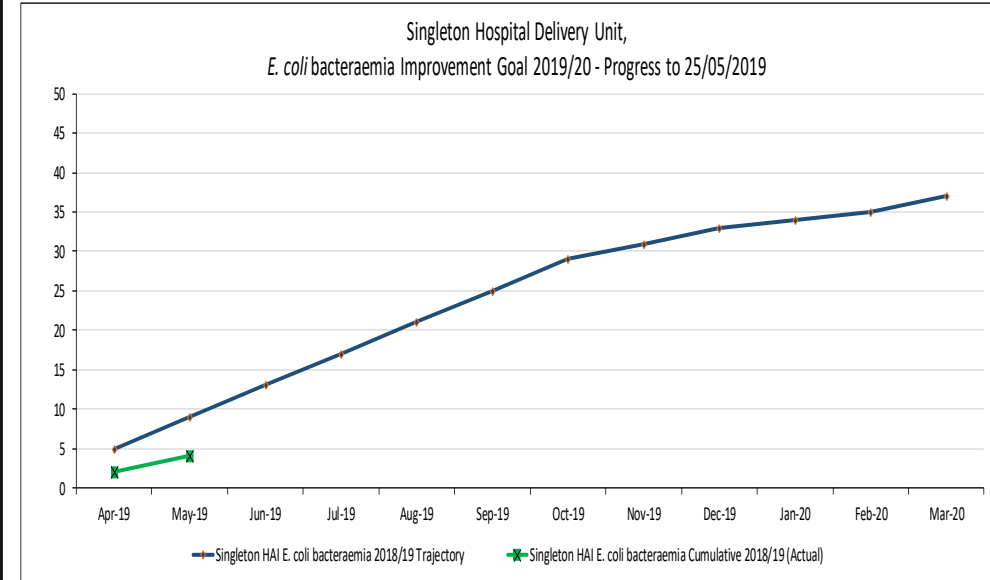


HCAI *E. coli* bacteraemia – supporting information

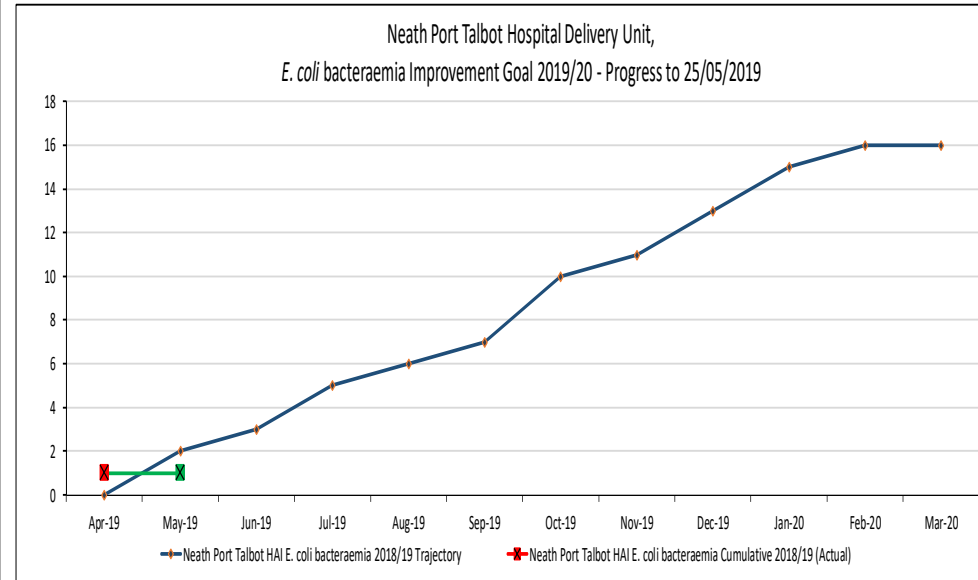
Morrison Hospital Acquired *E. coli* bacteraemia:



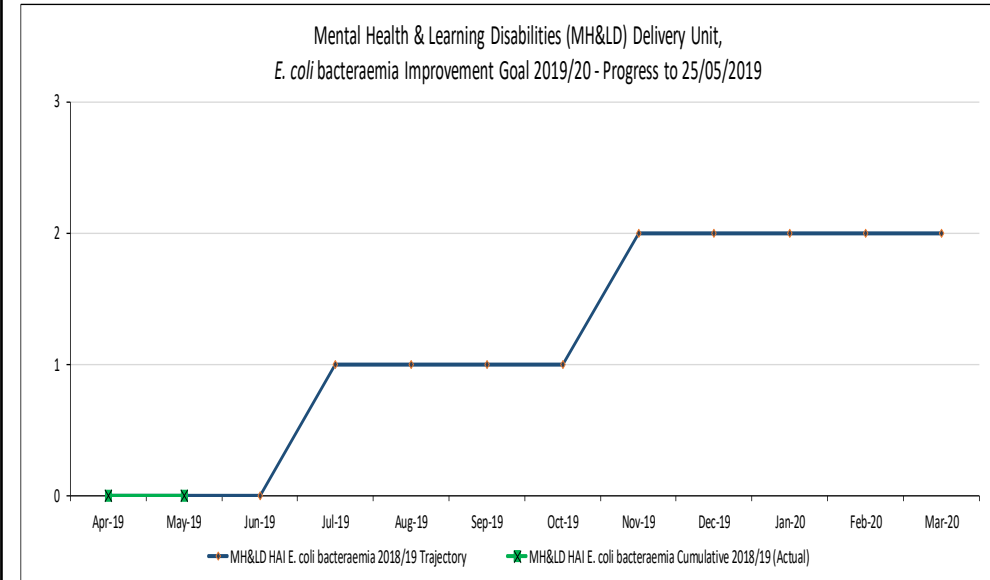
Singleton Hospital Acquired *E. coli* bacteraemia:



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



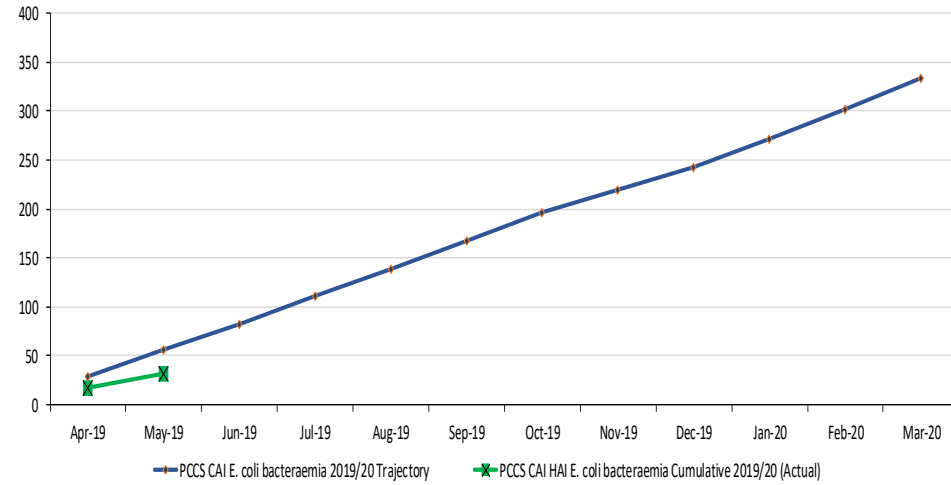
MH & LD Hospital Acquired *E. coli* bacteraemia:



HCAI *E. coli* bacteraemia – supporting information

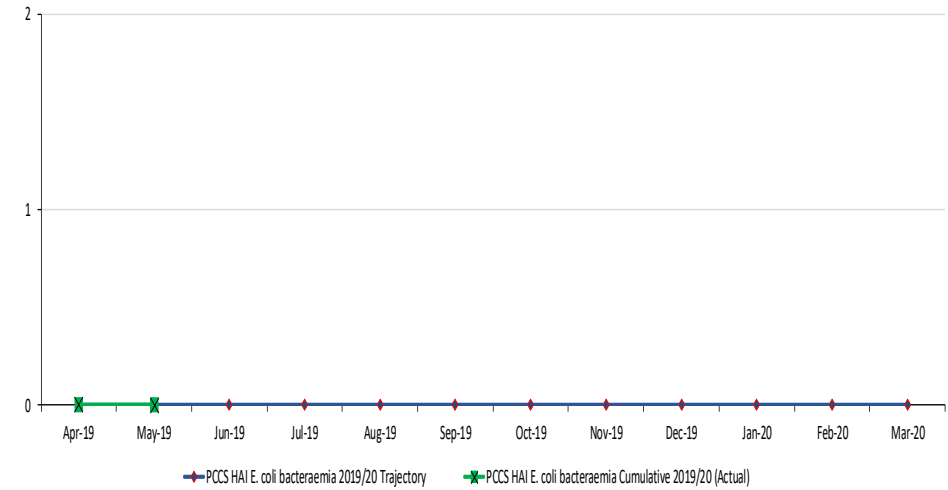
PCCS Community Acquired *E. coli* bacteraemia:

Primary Care & Community Services (PCCS) Delivery Unit,
Community Acquired *E. coli* bacteraemia Improvement Goal 2019/20 - Progress to 25/05/2019

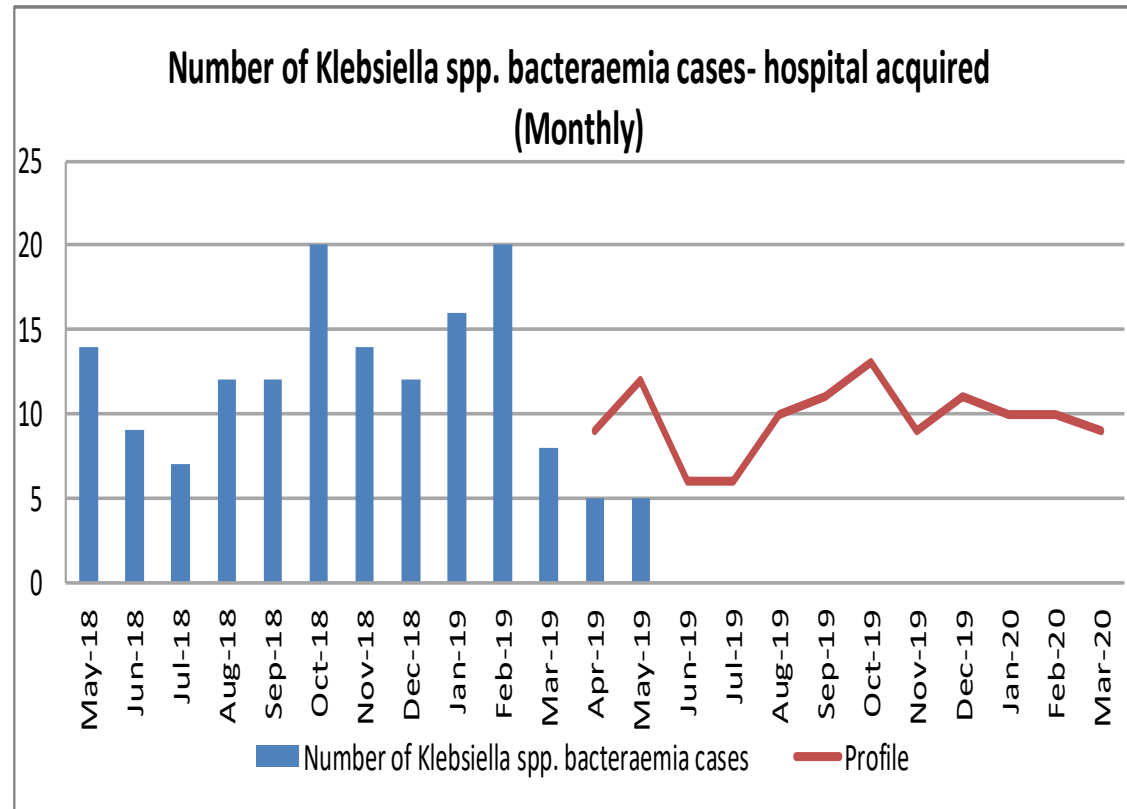


PCCS Hospital Acquired *E. coli* bacteraemia:

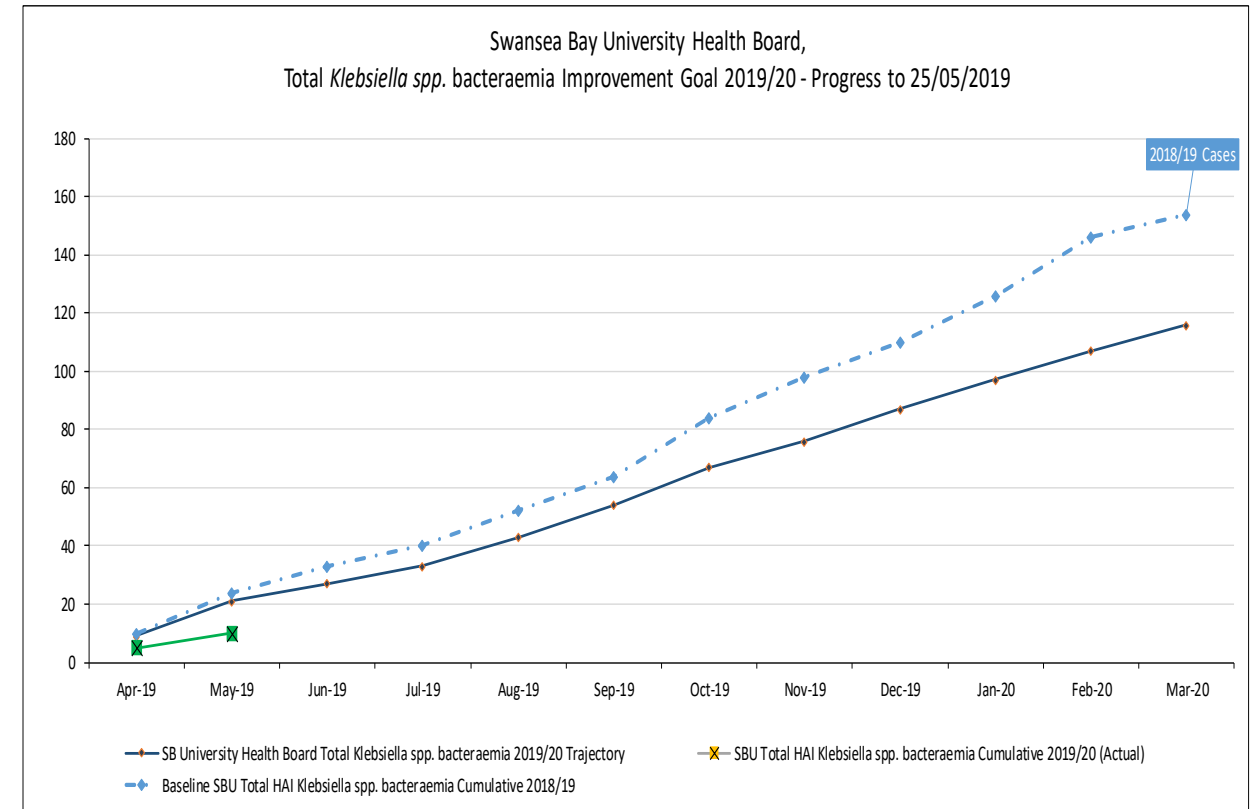
Primary Care & Community Services (PCCS) Delivery Unit,
Hospital Acquired *E. coli* bacteraemia Improvement Goal 2019/20 - Progress to 25/05/2019



- Monthly IMTP Profile (5% reduction)

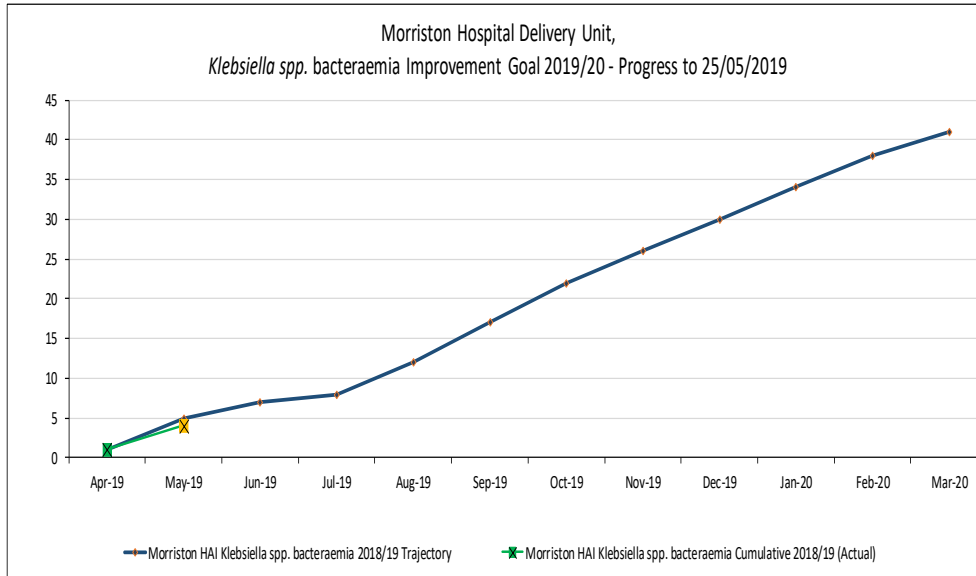


- IMTP cumulative trajectory progress (5% reduction)

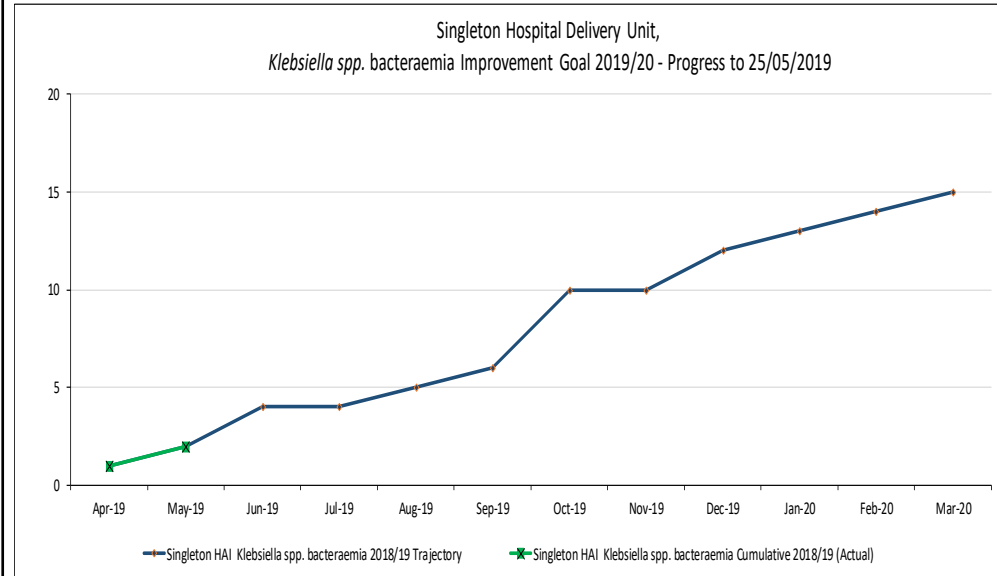


HCAI *Klebsiella* spp. bacteraemia – supporting information

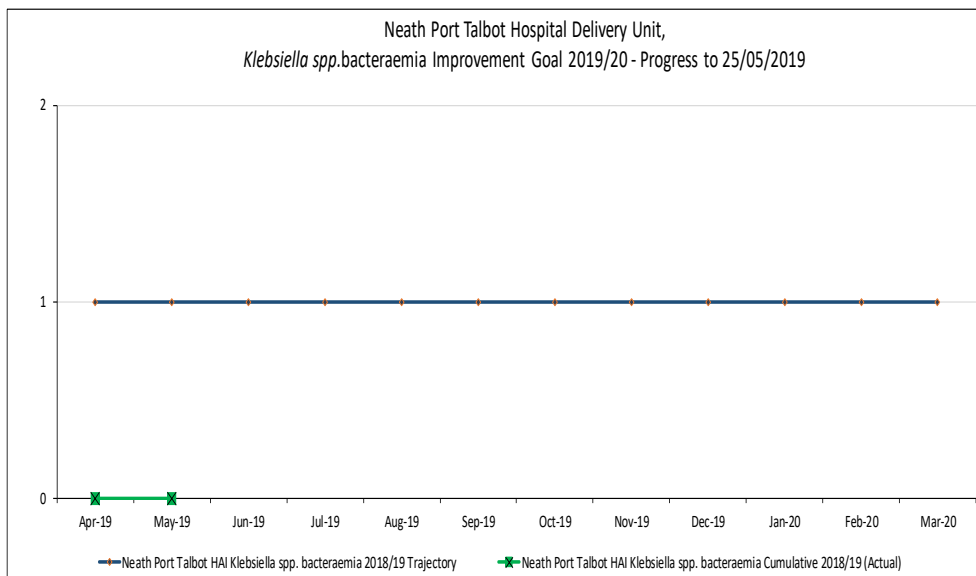
Morrison Hospital Acquired *Klebsiella* spp. bacteraemia:



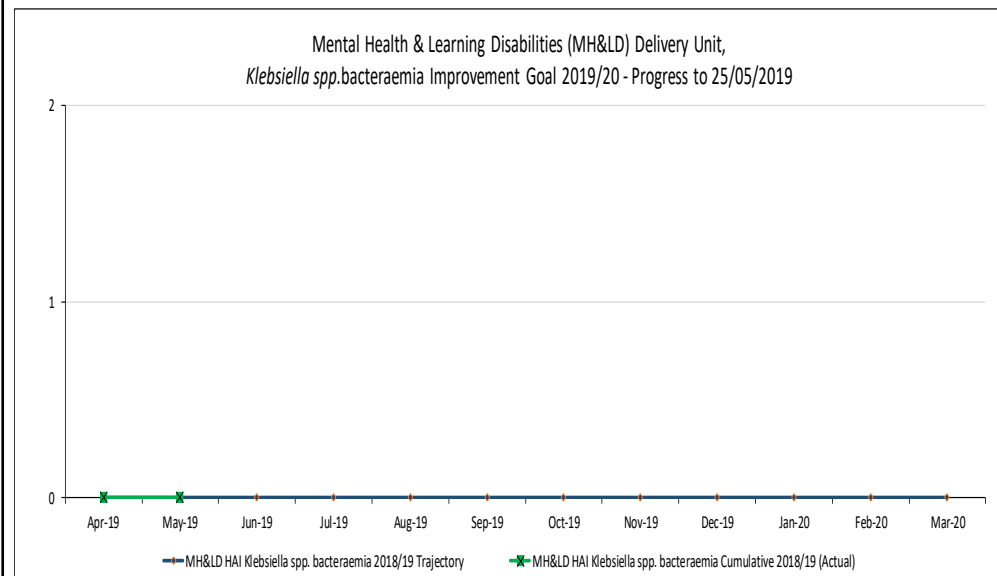
Singleton Hospital Acquired *Klebsiella* spp. bacteraemia:



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

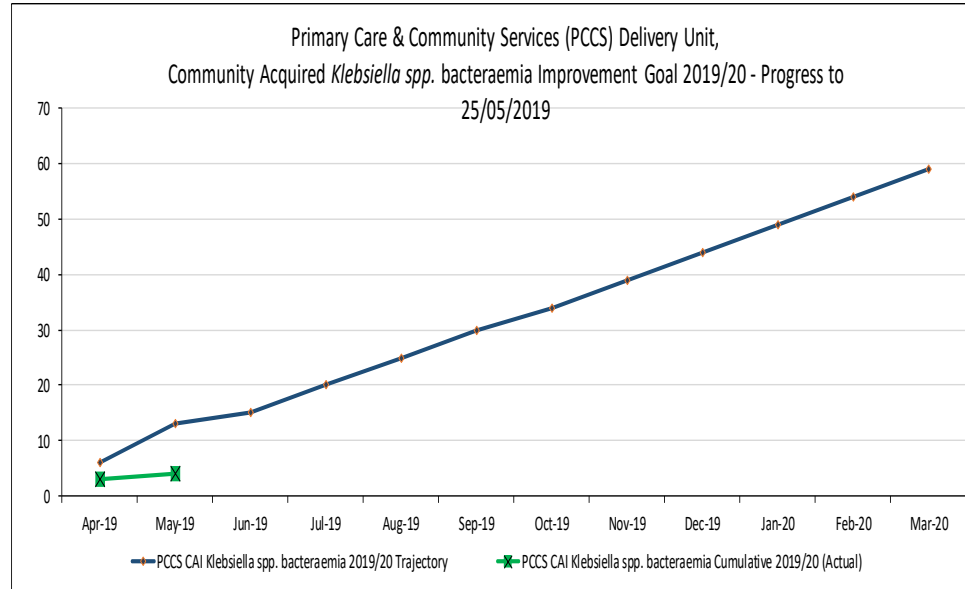


MH & LD Hospital Acquired *Klebsiella* spp. bacteraemia:

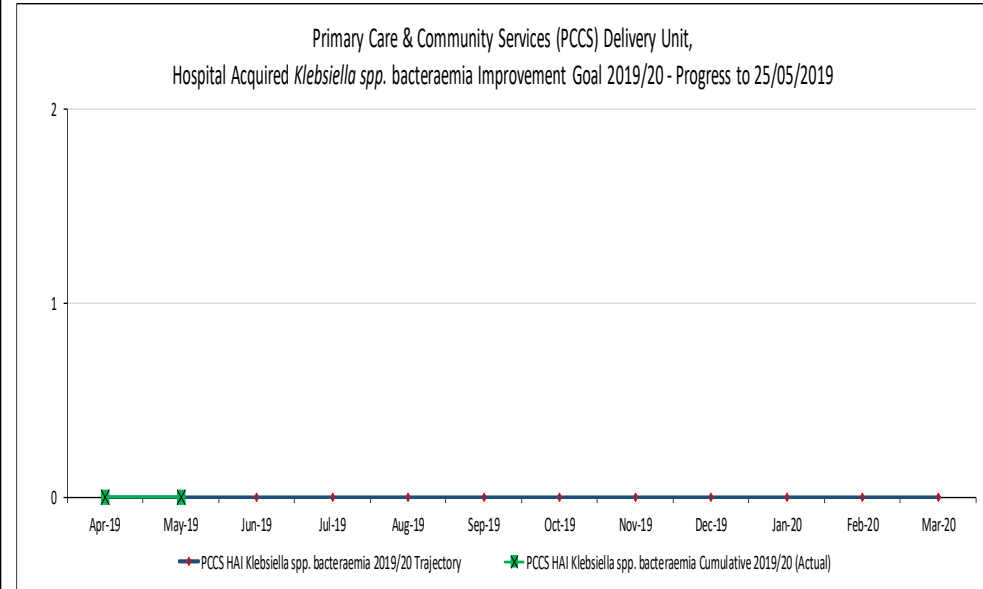


HCAI *Klebsiella* spp. bacteraemia – supporting information

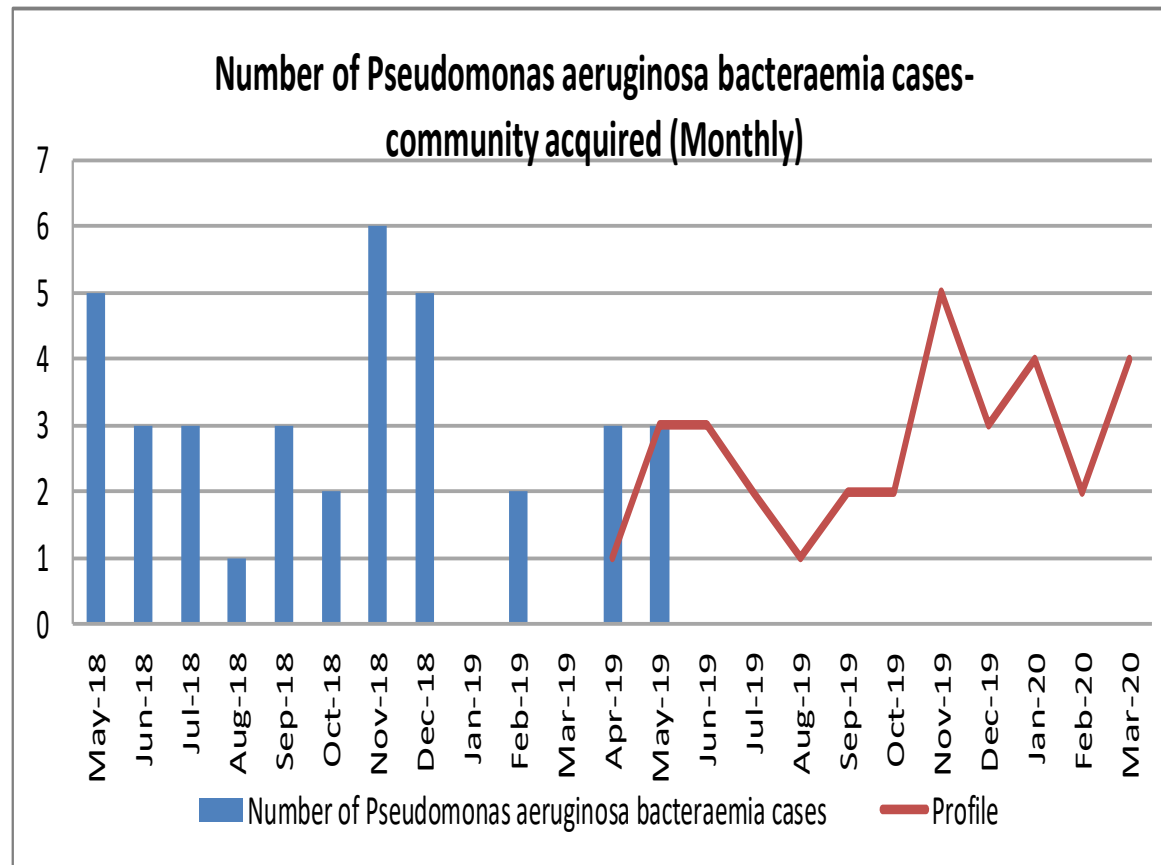
PCCS Community Acquired *Klebsiella* spp. bacteraemia:



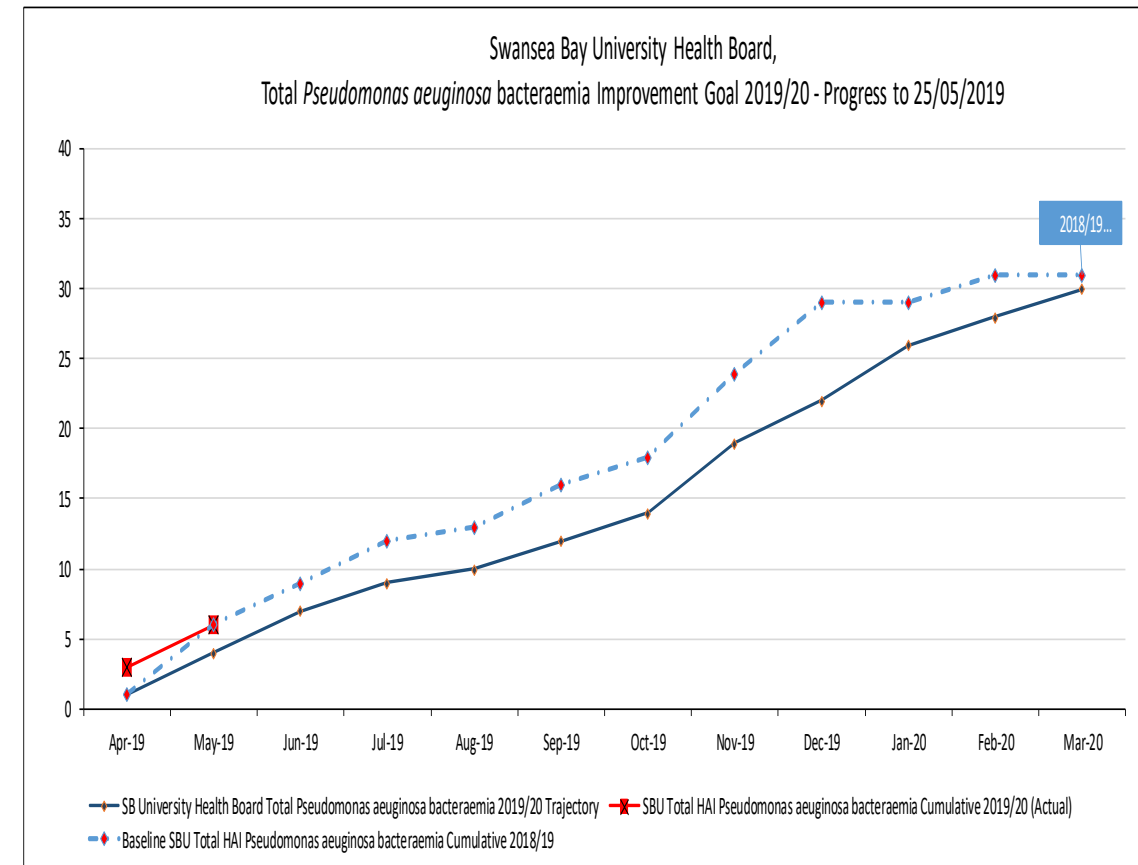
PCCS Hospital Acquired *Klebsiella* spp. bacteraemia:



- Monthly IMTP Profile (5% reduction)

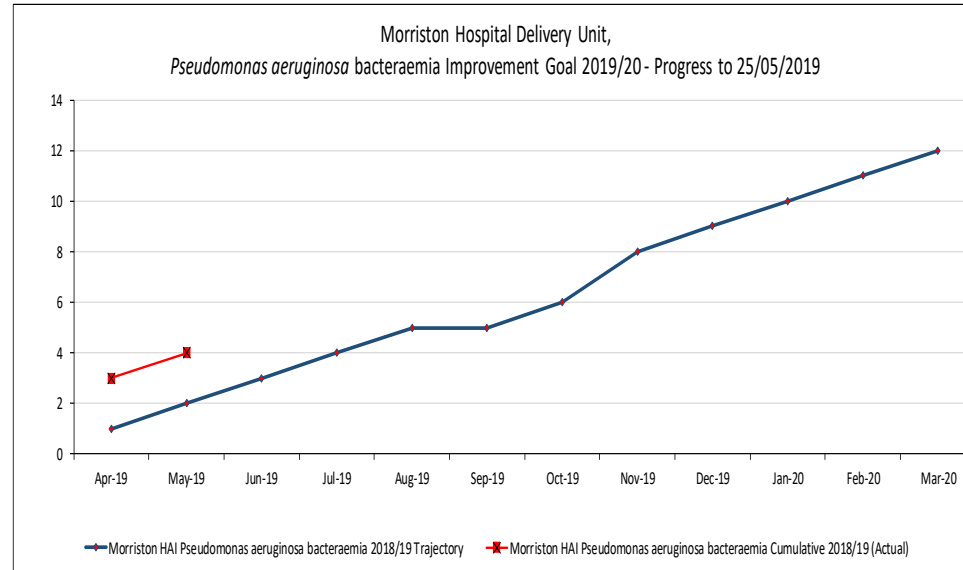


- IMTP cumulative trajectory progress (5% reduction)

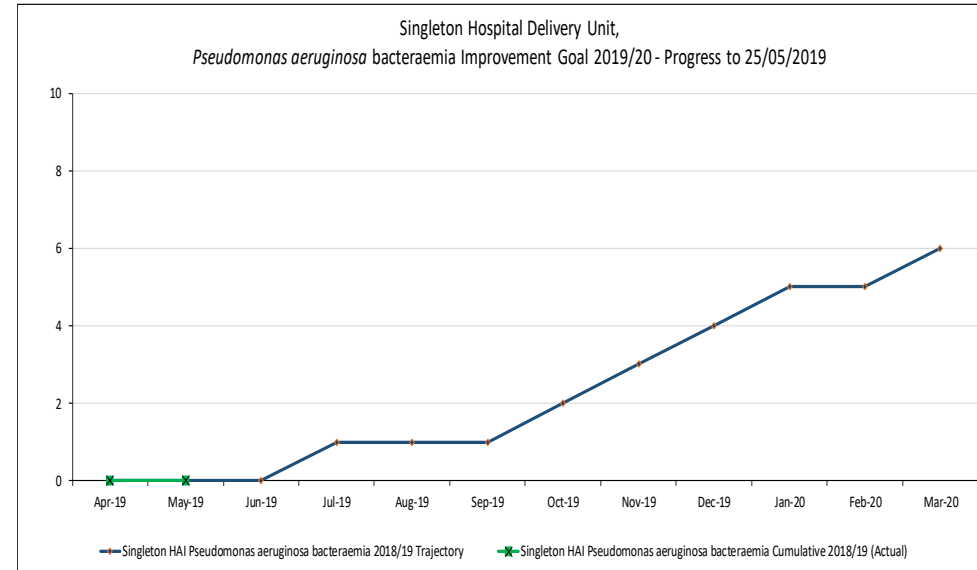


HCAI *Pseudomonas aeruginosa* bacteraemia – supporting information

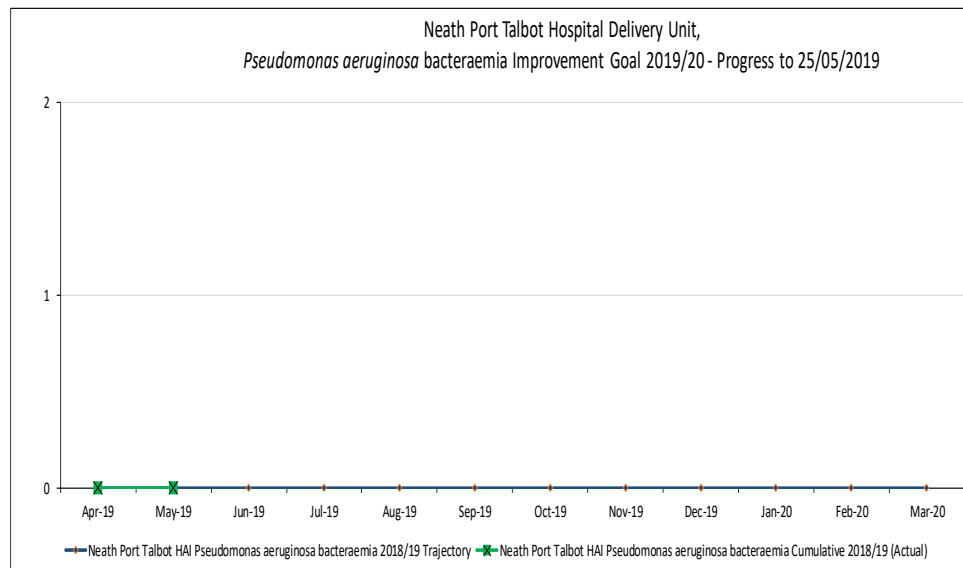
Morrison Hospital Acquired *Pseudomonas aeruginosa* bacteraemia:



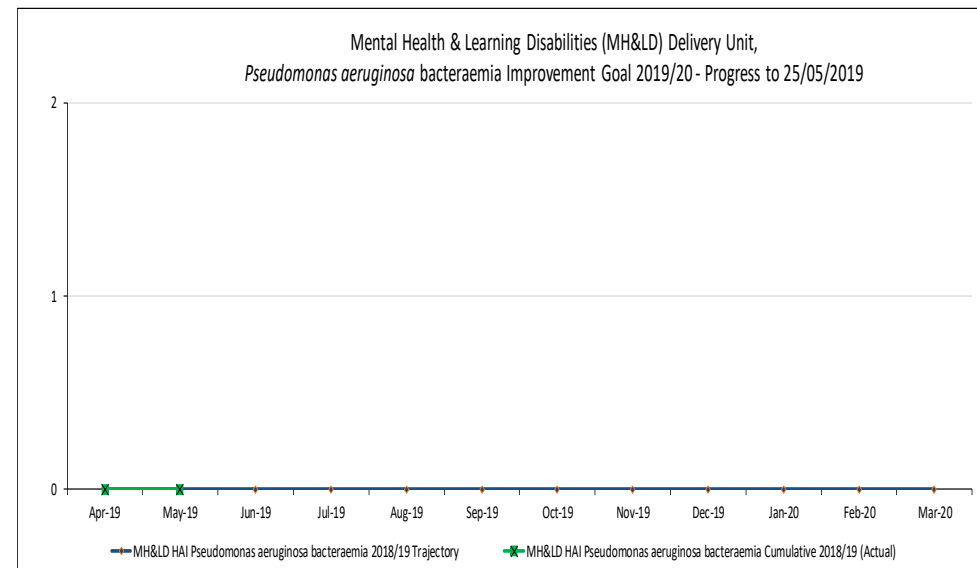
Singleton Hospital Acquired *Pseudomonas aeruginosa* bacteraemia:



Neath Port Talbot Hospital Acquired *Pseudomonas aeruginosa* bacteraemia:



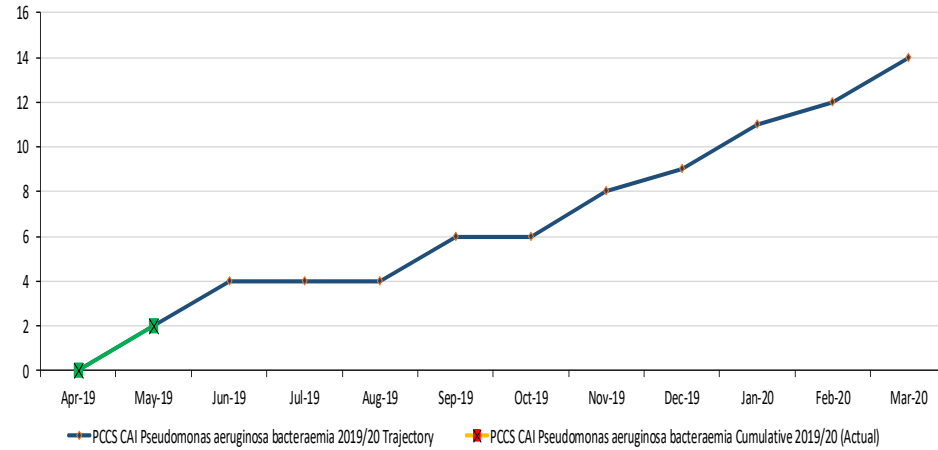
MH & LD Hospital Acquired *Pseudomonas aeruginosa* bacteraemia:



HCAI *Pseudomonas aeruginosa* bacteraemia – supporting information

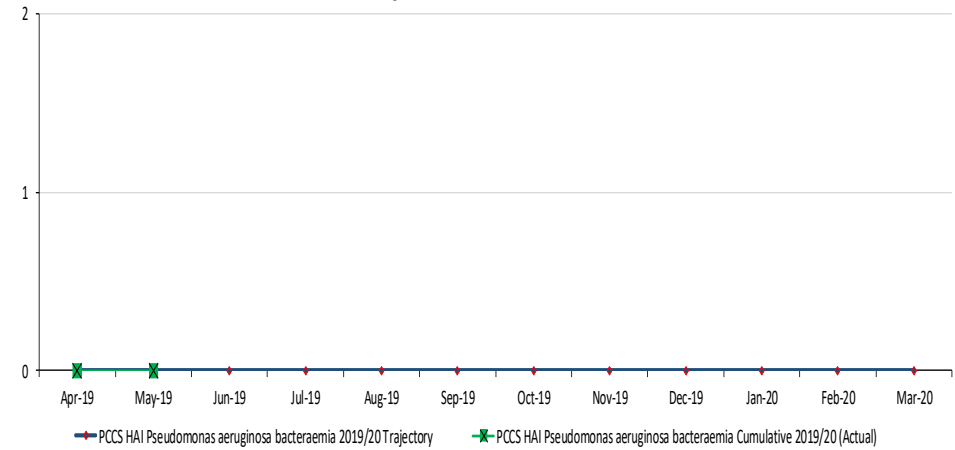
PCCS Community Acquired *Pseudomonas aeruginosa* bacteraemia:

Primary Care & Community Services (PCCS) Delivery Unit,
Community Acquired *Pseudomonas aeruginosa* bacteraemia Improvement Goal 2019/20
- Progress to 25/05/2019



PCCS Hospital Acquired *Pseudomonas aeruginosa* bacteraemia:

Primary Care & Community Services (PCCS) Delivery Unit,
Hospital Acquired *Pseudomonas aeruginosa* bacteraemia Improvement Goal 2019/20
- Progress to 25/05/2019



HCAI *Clostridium difficile* infection – Financial Impact to 25th May 2019

	Total Number of cases	Cost per case (approx.)	Total cost
<i>Clostridium difficile</i>	13	£10,000	£130,000
<i>Staph. aureus</i> bacteraemia	23	£7,000	£161,000
<i>E. coli</i> bacteraemia (antibiotic sensitive)	36	£1,100	£39,600
<i>E. coli</i> bacteraemia (multi-resistant)	9	£1,400	£12,600
Total impact HCAI			£343,200

