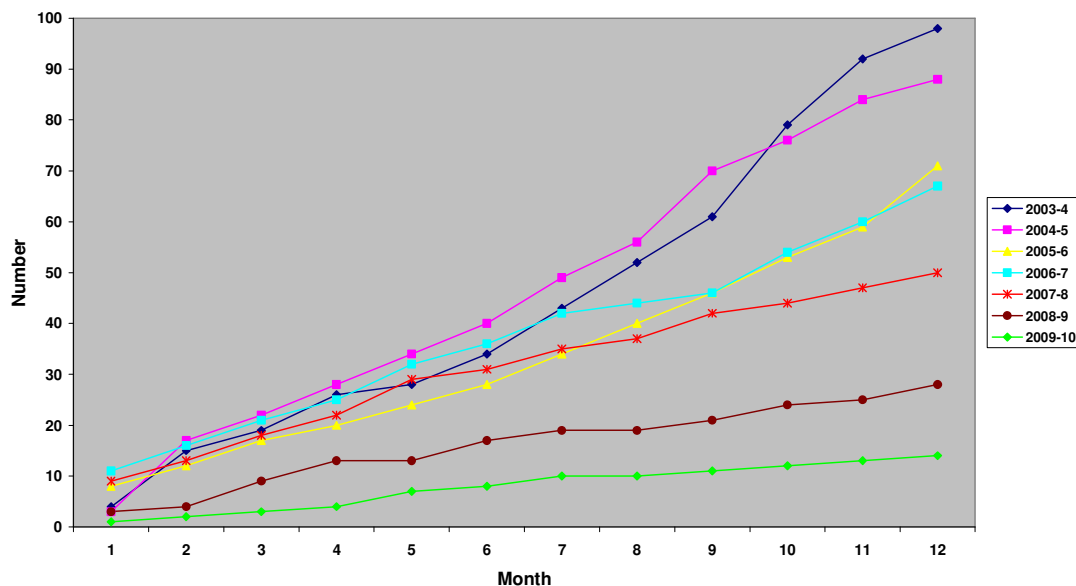


INFECTION CONTROL BRIEFING 31st March 2010 (data correct as of 19th March 2010)

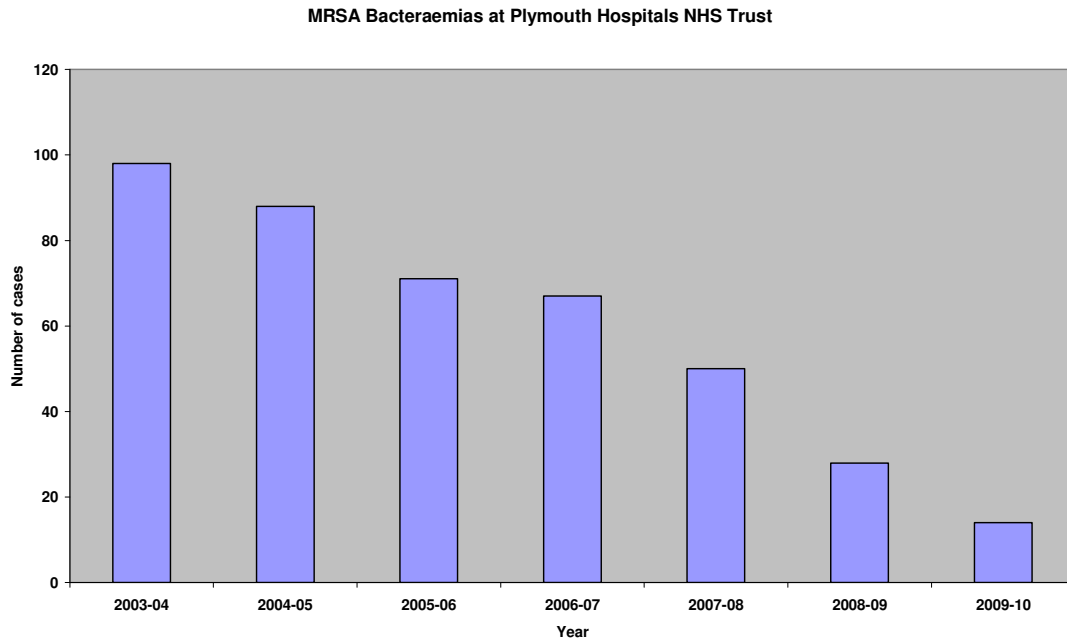
Meticillin-Resistant *Staphylococcus aureus* (MRSA)

- Plymouth Hospitals NHS Trust has been set the target of recording fewer than 24 MRSA bacteraemias (blood stream infections) between 1st April 2009 and 31st March 2010.
- Between April 2009 and 19th March 2010, PHNT has recorded 14 bacteraemias. This is a reduction of 86% on the baseline of 98 cases recorded in 2003-4.
- Of the 14 cases, 7 have been attributable to PHNT (the others have been community or community hospital cases).
- The last MRSA bacteraemia attributable to PHNT occurred on 9th October 2009 (161 days ago).

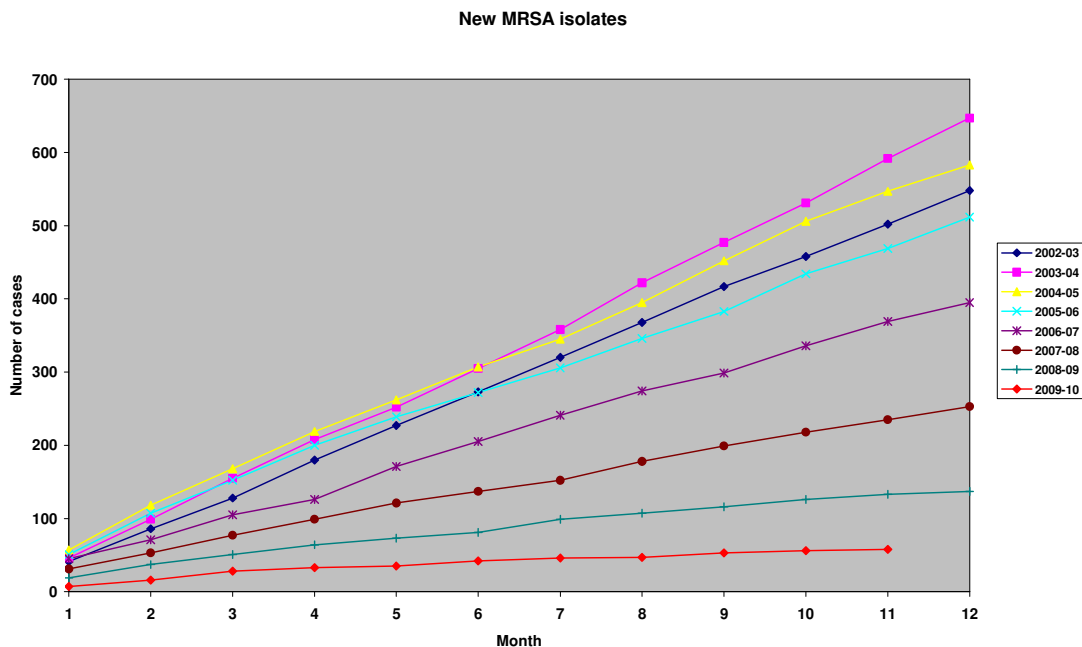
PHNT MRSA cumulative bacteraemias



- There has been a year-on-year reduction in the number of MRSA bacteraemias recorded at PHNT.



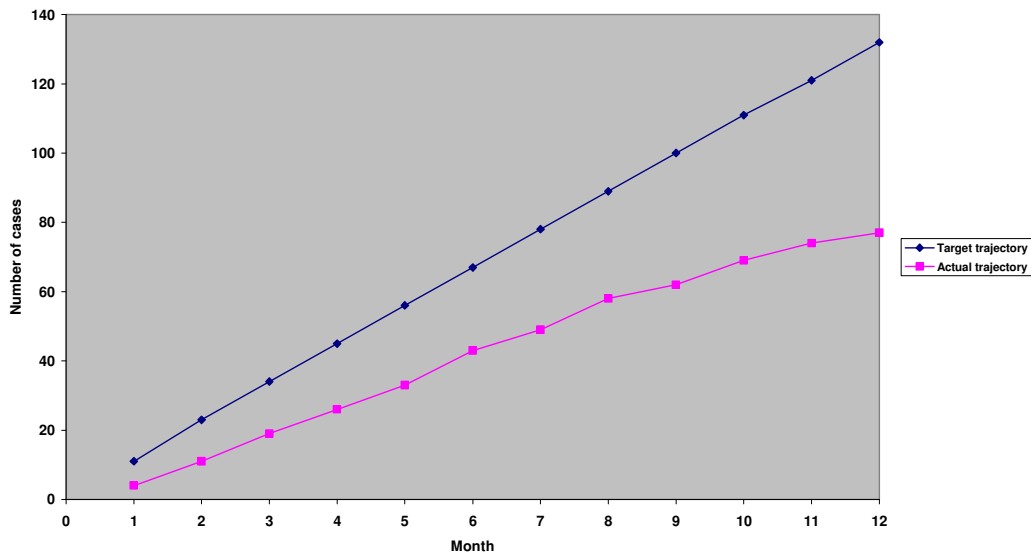
- The number of **all** new cases of MRSA continues to fall. Between April 2009 and February 2010, PHNT had recorded 58 cases compared to 592 for the same period 7 years ago, a reduction of 90%.



Clostridium difficile

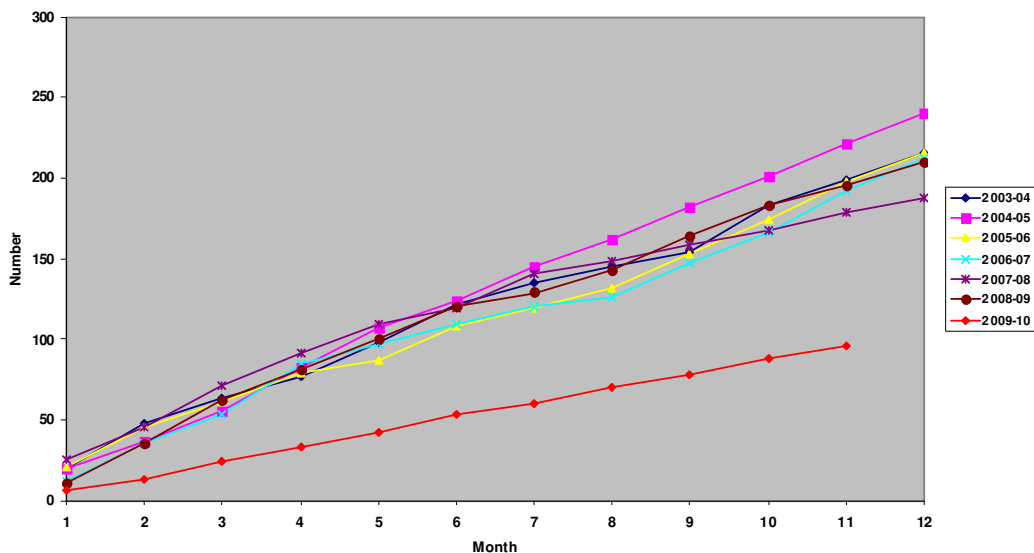
- Plymouth Hospitals NHS Trust has been set the target of recording fewer than 132 post-72 hour cases of *Clostridium difficile* between 1st April 2009 and 31st March 2010.
- Between April 2009 and 19th March 2010, PHNT has recorded 77 cases.

Clostridium difficile - performance against trajectory, 2009-10



- The overall number of cases of *C. difficile* (pre- and post-72 hour cases) recorded so far this year is ~50% lower than for any previous year.

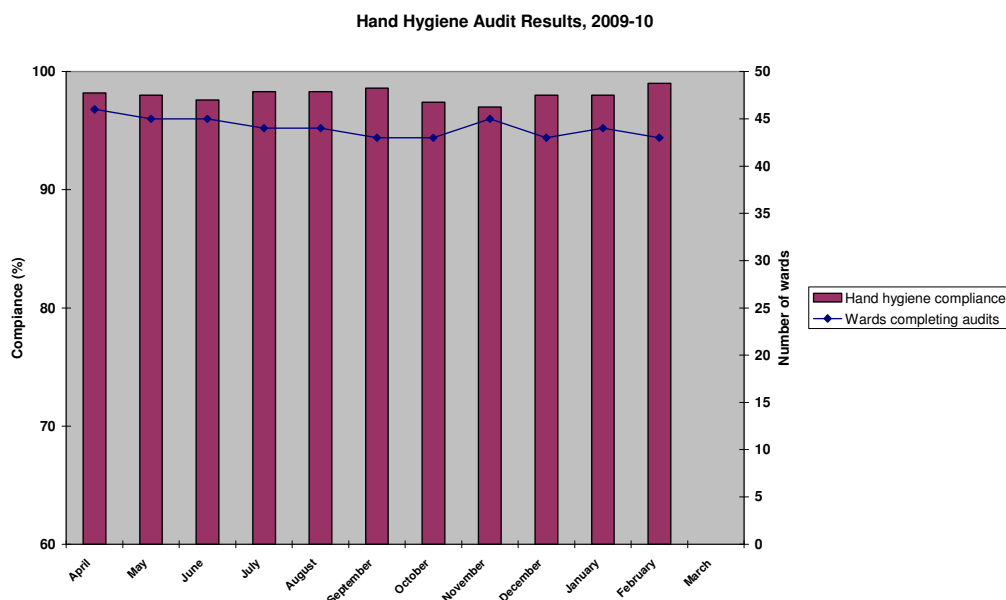
Case of *Clostridium difficile*



- An audit by NHS South West has shown that the outcome at Plymouth Hospitals NHS Trust (PHNT) for *C. difficile* disease was significantly better than any other hospital in the South West, with a mortality of 2.1/100,000 compared to mean mortality across the South West of 12.1/100,000

Hand Hygiene compliance

Over the last 5 years, hand hygiene compliance in the Trust has improved dramatically from 47% in 2004-05 to 92% last year. The overall compliance for the Trust so far for this year is 91.4%.



Surgical site infection rates

- The post-operative wound infection rate for surgical procedures at PHNT is similar to or lower than the national average.

Operation	PHNT rate (%)*	National rate (%)
Coronary artery bypass graft	2.3	4.9
Vascular surgery	0.8	4.0
Limb amputation	2.8	7.3
Total Hip Replacement**	1.5	1.9
Total Knee Replacement	0.6	0.9
Repair neck of femur	1.2	1.9
Reduction long bone fracture	0.7	2.4
Large bowel surgery	5.9	10.5
Small bowel surgery	5.9	8.8
Gastric surgery	2.0	8.7
Cholecystectomy	0.6	1.0
Bile duct, liver, pancreatic surgery	6.2	10.7
Abdominal hysterectomy	1.4	2.3
Lower Segment Caesarean Surgery	0.9	5.0
Spinal Surgery**	1.5	1.9

* Infections identified during initial admission only

** Infections identified during admission and following discharge

Dr Peter Jenks, Director of Infection Prevention and Control