

Conclusions

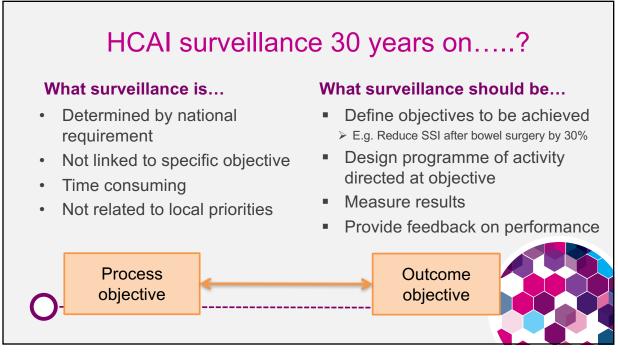
- Different strategies required to tackle different HCAI but surveillance an essential component for all HCAI
- Without an organized surveillance programme the most active infection control efforts probably have little impact on the infection rate:

'infection control problems and the need for prevention efforts were not apparent to physicians, nurses or administrators until they were given quantitative measures of the problem derived from surveillance data'

• This is an important factor in 1 ICNs per 250 beds being associated with the most effective programmes!

Haley et al 1985





Outcome vs process objectives

Process objectives

Compliance with standards:

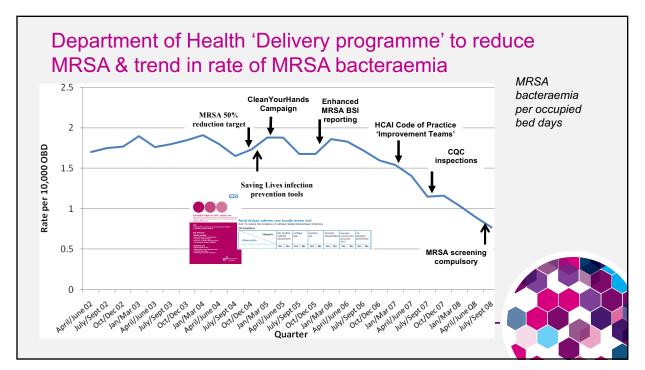
- Hand hygiene
- Urine catheter care
- IV device insertion
- Reporting BSI data to national Centre
- Safety Thermometer data

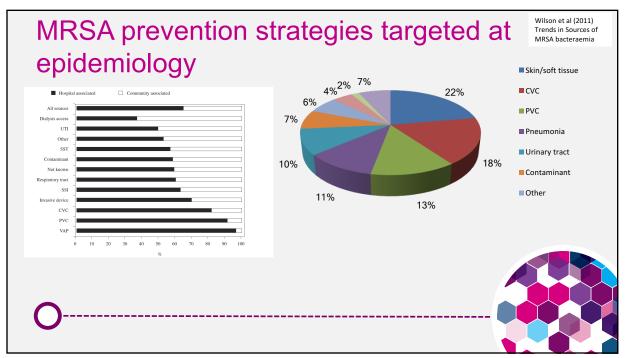
Outcome objectives

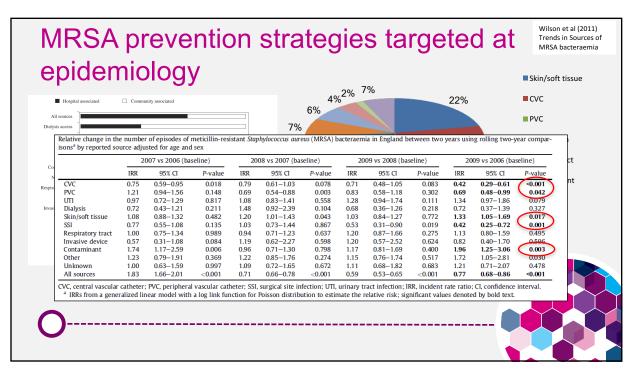
Reduce number of patients affected by (Explicit target for reduction):

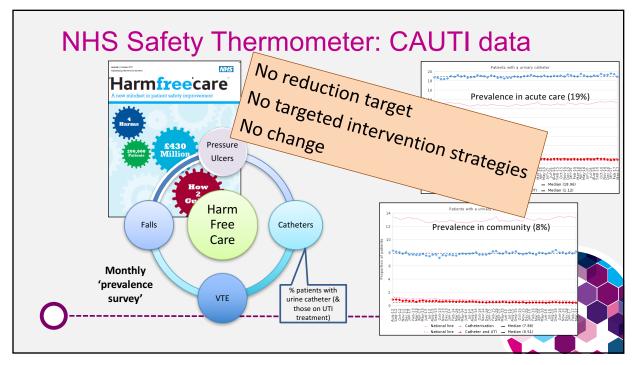
- Surgical site infection
- Urinary tract infection
- Pneumonia
- Bloodstream infection

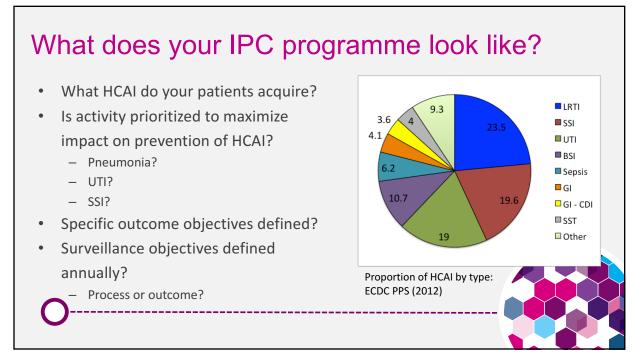
Specific prevention strategies informed by epidemiology

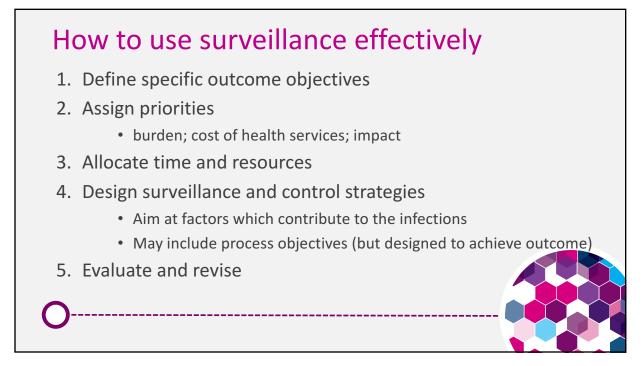


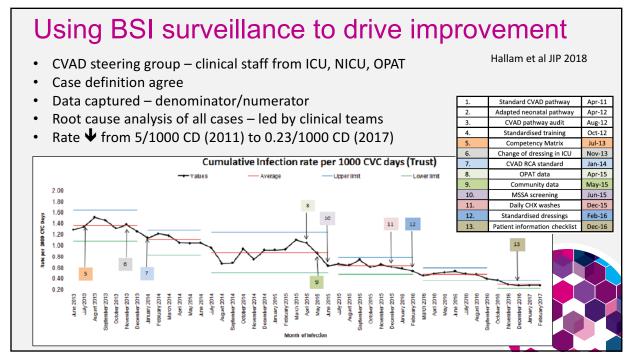


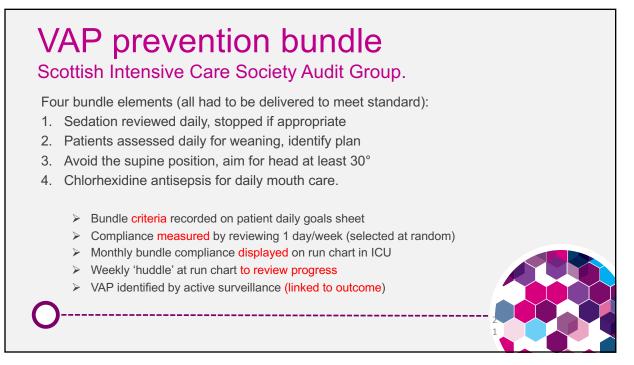


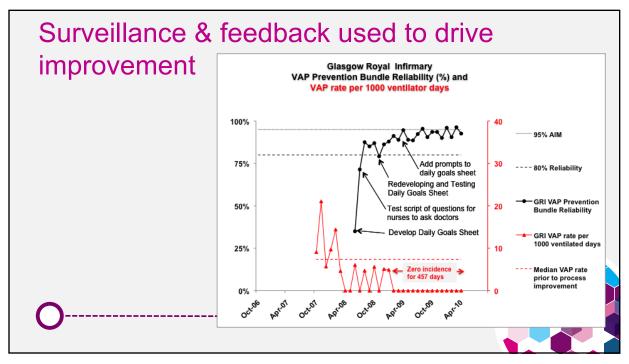




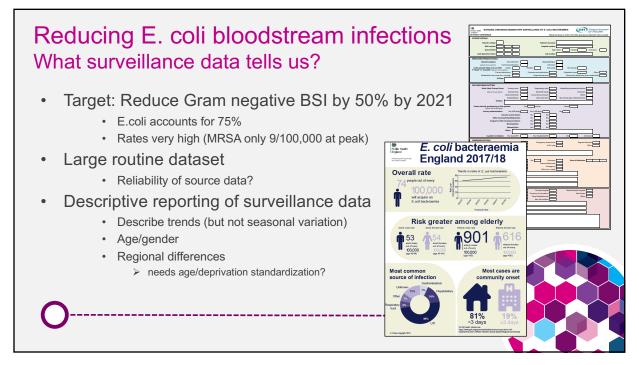


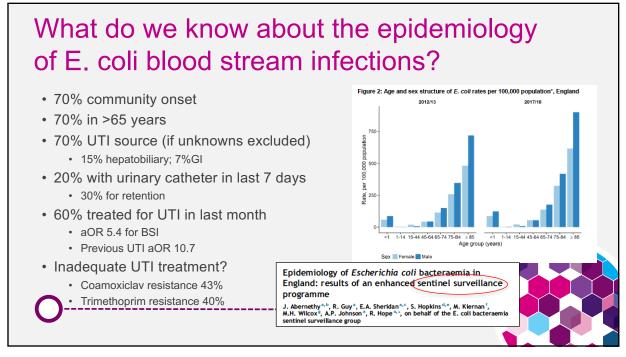


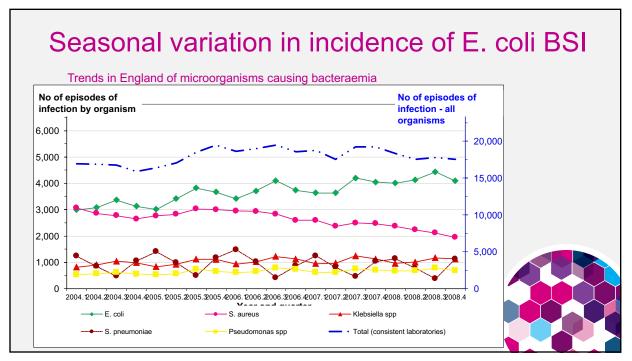


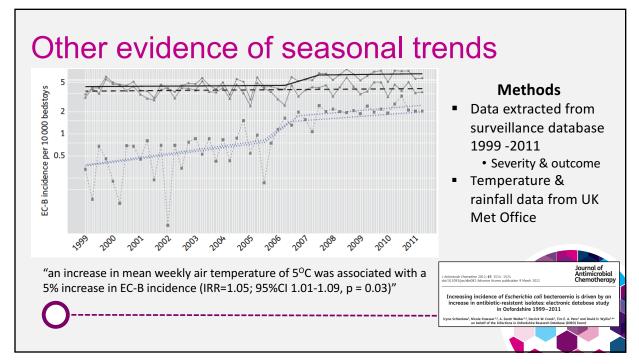


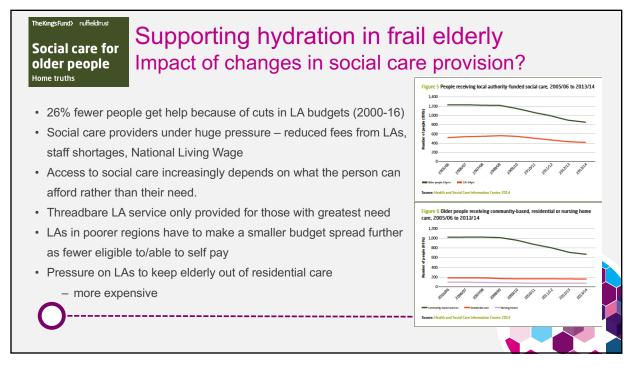
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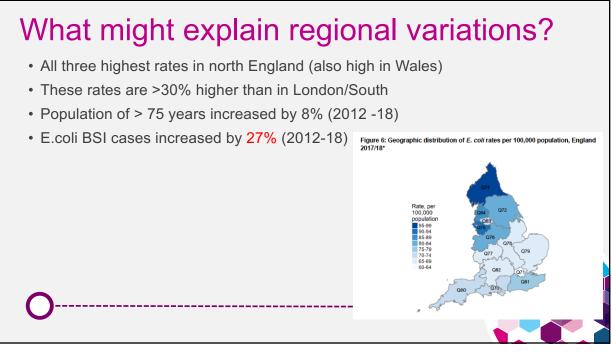






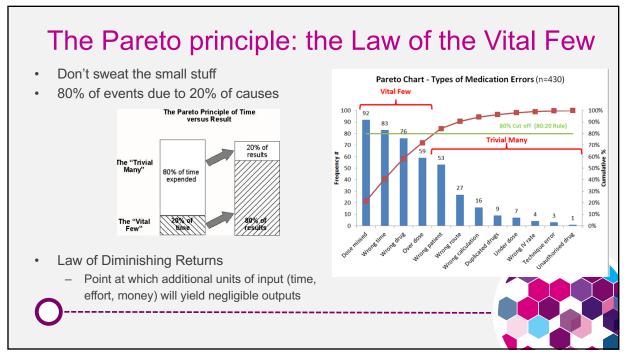


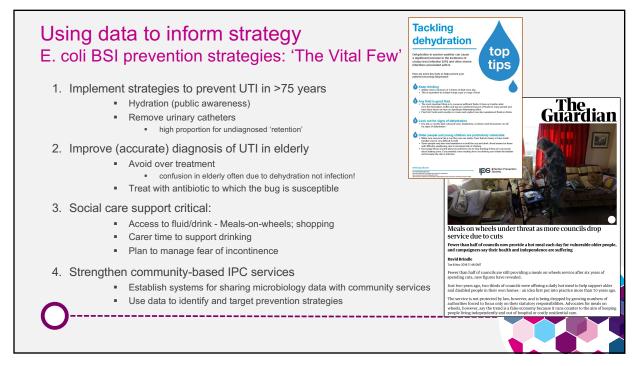


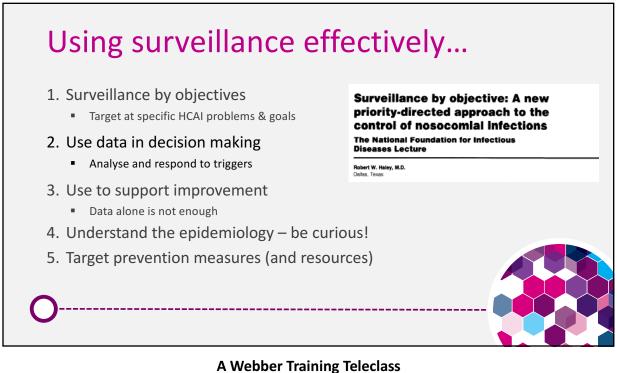


Impact of social care support on E.coli bloodstream infections?

Region	E.coli BSI cases*	% population aged 75-84	Older people supported by social care throughout year*	Over 65yrs receiving attendance allowance or DLA per 1000
England	74	5.7	9,781	230
North-west	89	5.8	12,297	293
North-east	97	6.2	11,358	287
East of England	70	6.1	8,738	201
South-east	72	5.9	8.506	180







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"measurement alone does not hold the key to improvement. Measuring could be an asset in improvement if, and only if, it were connected to **curiosity** - part of a culture primarily of learning and enquiry not primarily of judgement and contingency"

Don Berwick 2001



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October 2, 2018	(FREE European Teleclass - Broadcast live from the 2018 IPS conference) Ayliffe LectureTHE IMPACT OF DISINFECTANTS ON ANTIMICROBIAL RESISTANCE - AN AYLIFFE PREDICTION Speaker: Prof. Shaheen Mehtar, Stellenbosch University, Cape Town, South Africa			
October 11, 2018	(FREE CBIC Teleclass) INFECTION CONTROL CHAMPIONS ARE MADE, NOT BORN Speaker: To be announced			
October 17, 2018	(South Pacific Teleclass) BIOFILMS IN THE HOSPITAL ENVIRONMENT - INFECTION CONTROL IMPLICATIONS Speaker: Prof. Karen Vickery, Macquarie University, Australia			
October 18, 2018	INFECTION PREVENTION CORE PRACTICES: RESETTING THE BAR FOR SAFE PATIENT CARE Speaker: Prof. Ruth Carrico, University of Louisville			

