

ACIPC Conference: Melbourne 2024

SA Health Infection Control Service (ICS)

Jurisdictional Infection Prevention and Control (IPAC)
Healthcare Associated Infection (HAI)
Surveillance Program



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Government
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17/11/2024

Public – I2 – A1

SA Health



Acknowledgements

- > I acknowledge and pay my respects the traditional owners of the land on which we meet today,
- > Thank you to the SA Health Infection Control Service team for assisting with this presentation.
- > I have no conflicts of interest to declare.

SA Health HAI Surveillance Program (Current)

- > ICS provides state policy, guidelines.
- > HAI surveillance methodology education.
- > Centralised model for program coordination
- > Collation/reporting National and State KPIs
- > HAI surveillance data submitted monthly from all public metro, six country and nine contributing private hospitals.
- > Contributors provided with quarterly aggregate benchmarking reports.
- > State based HAI Annual Reports published (BSI, MRO, CDI and SSI)
- > Notifiable Diseases surveillance/reporting via Disease Surveillance Investigation Unit



SA Health ICS HAI Surveillance Program & KPI Reporting

> All Bloodstream infections (BSI)

- All organisms, type and location (MSSA, MRSA, MRGNs etc), devices, procedures, etc) .

> Multidrug-resistant organisms (MRO)

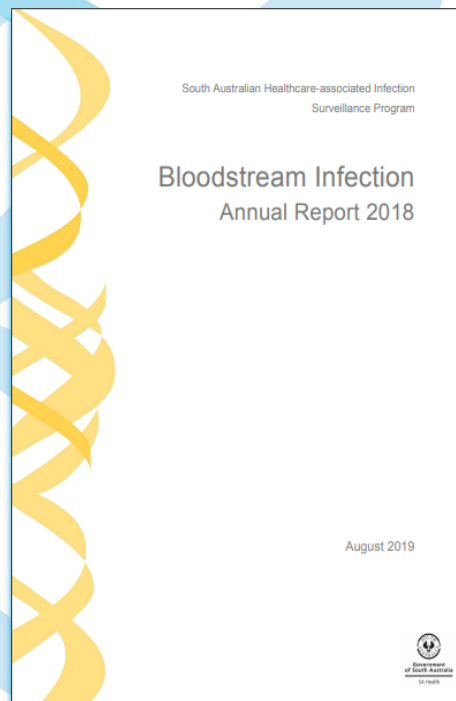
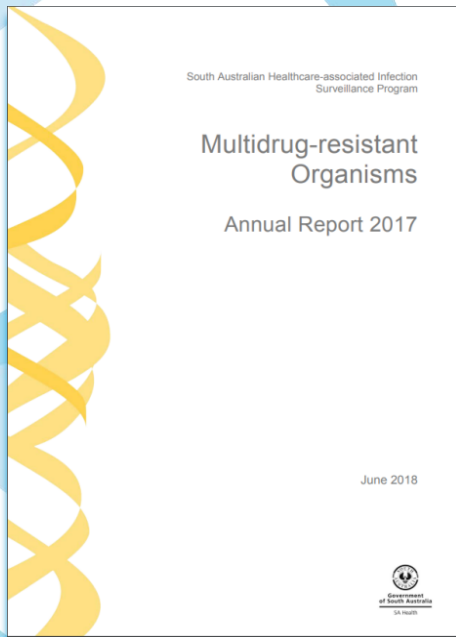
- All MROs, acquisitions, burden (MRSA, MRGN, VRE, CPE, C auris (both notifiable)

> *Clostridioides difficile* infection (CDI)

> Surgical site infection (SSI)

- (Hip and Knee replacement, C Section surgery)

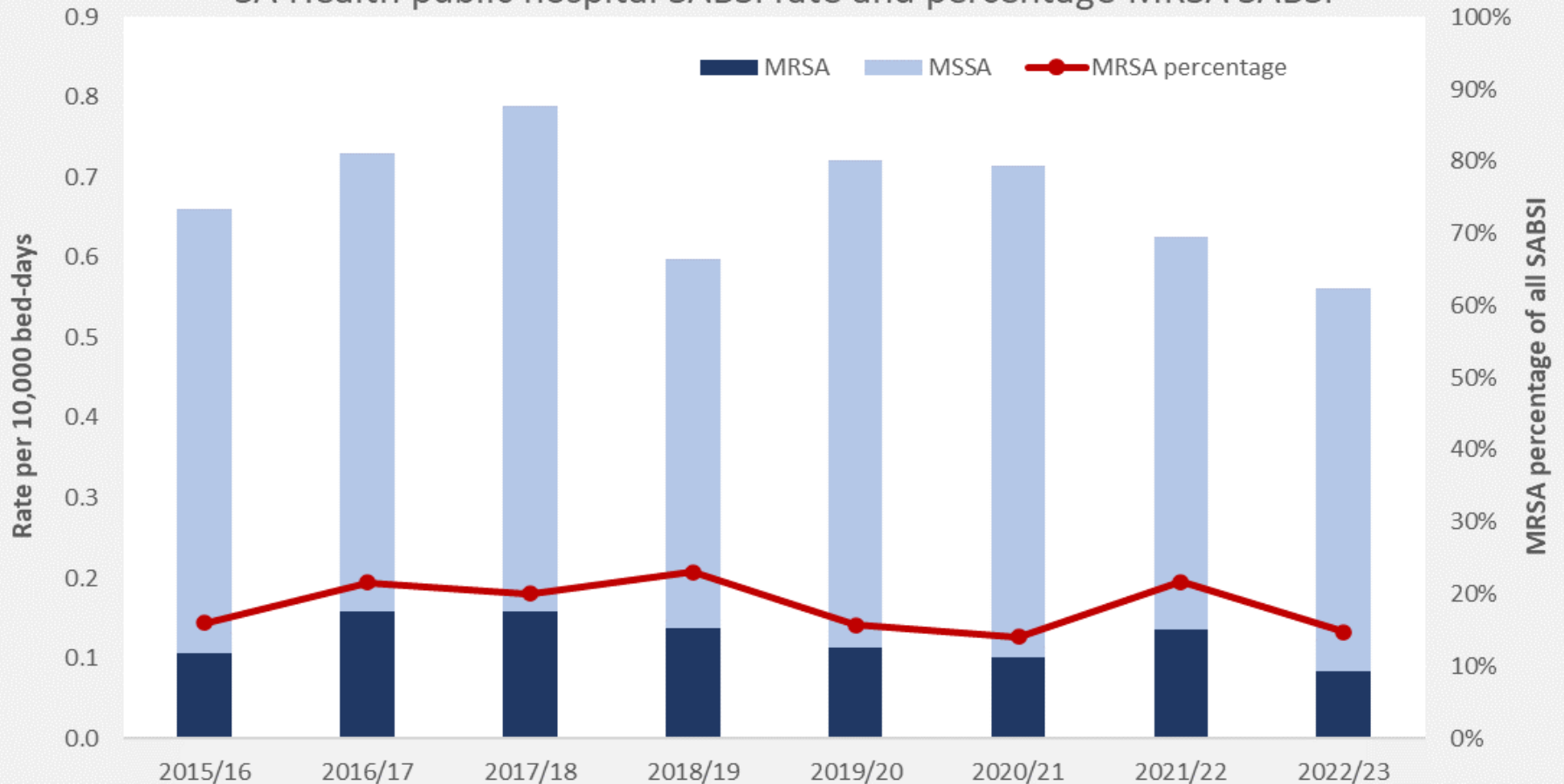
> Hand Hygiene via NHHI



SA Health HAI Surveillance Data: *Staphylococcus aureus* BSI

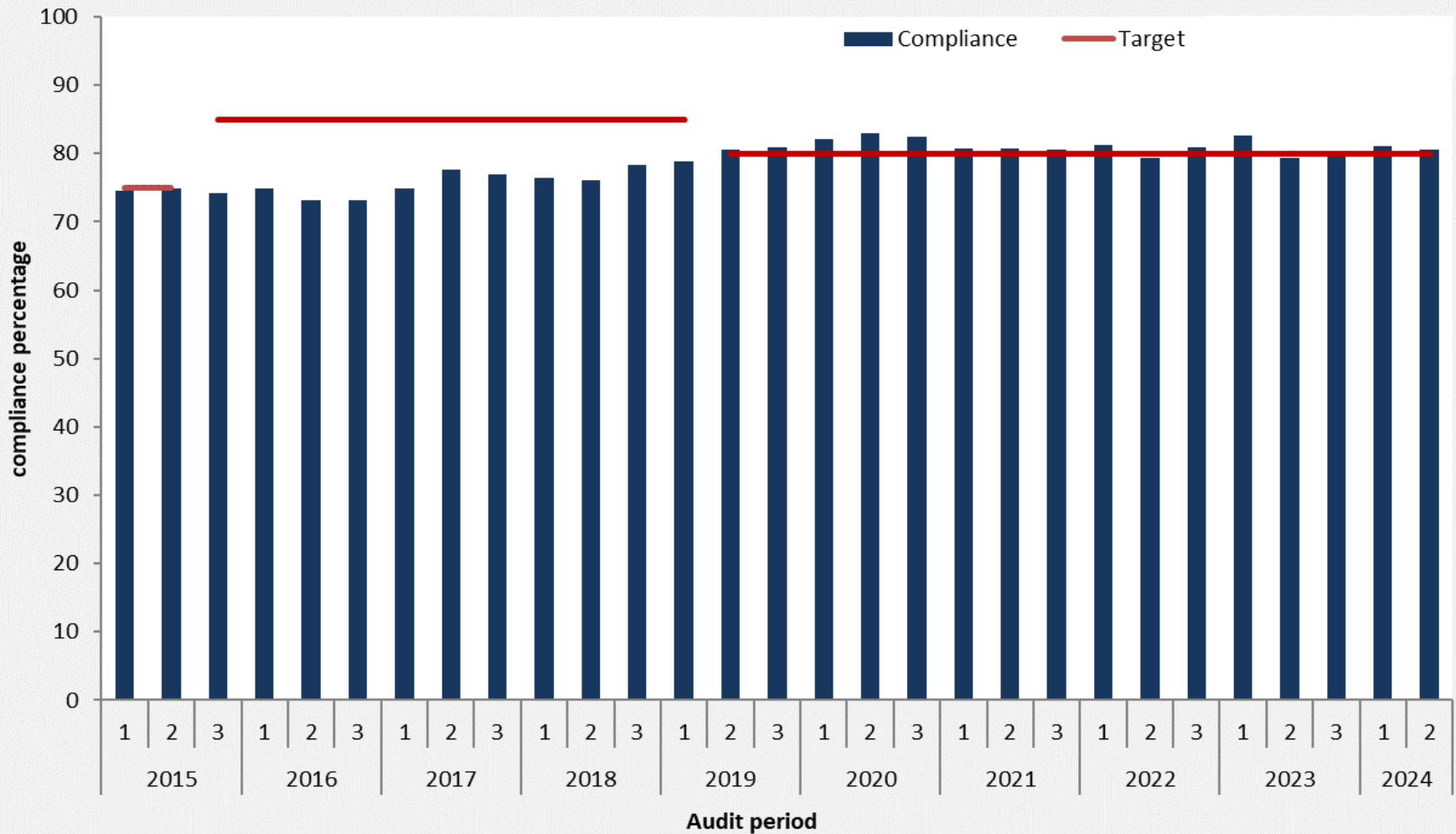
National KPI: Statewide SAB BSI (by MSSA / MRSA)

SA Health public hospital SABSI rate and percentage MRSA SABSI



SA Health: National Hand Hygiene Data

SA Health Hand Hygiene compliance

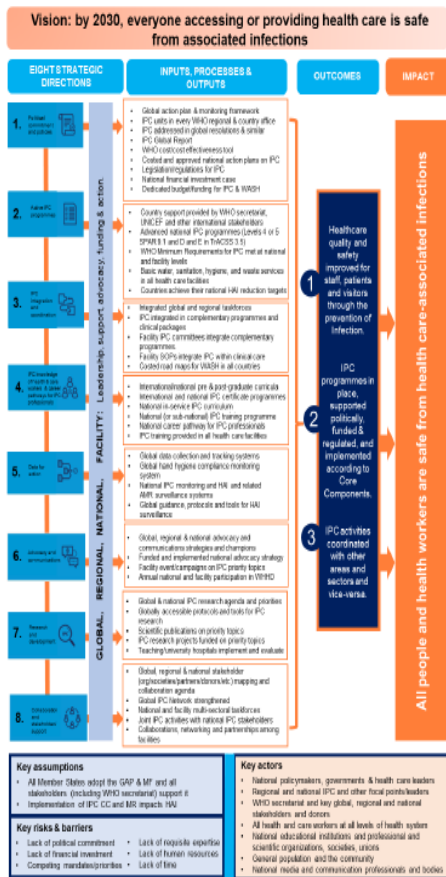


NHHI data: SA aggregate meeting the National target.

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HAI Surveillance: IPC considerations

Global action plan and monitoring framework on infection prevention and control (IPC), 2024-2030



- > Competing and/or complimentary issues
- > Global/local health policy, economy, climate, society expectations
- > Surveillance differing metrics/methods
- > KPIs/Data: outcome V process (prevention) and definition informed V coded HAC data
- > Quality Improvement: timely data for QI or epidemiological studies – or both?
- > Research/ Innovation: AI, EMR, technology
- > Staff education, skills and attrition
- > Antimicrobial Stewardship: resistance risks
- > Empowering consumers: partnering

WHO Global IPC Action Framework 2024-2030

Thank you



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