



Health

Hunter New England
Local Health Network

Antimicrobial



Hunter New England
Local Health District

Stewardship

Lisa Harris

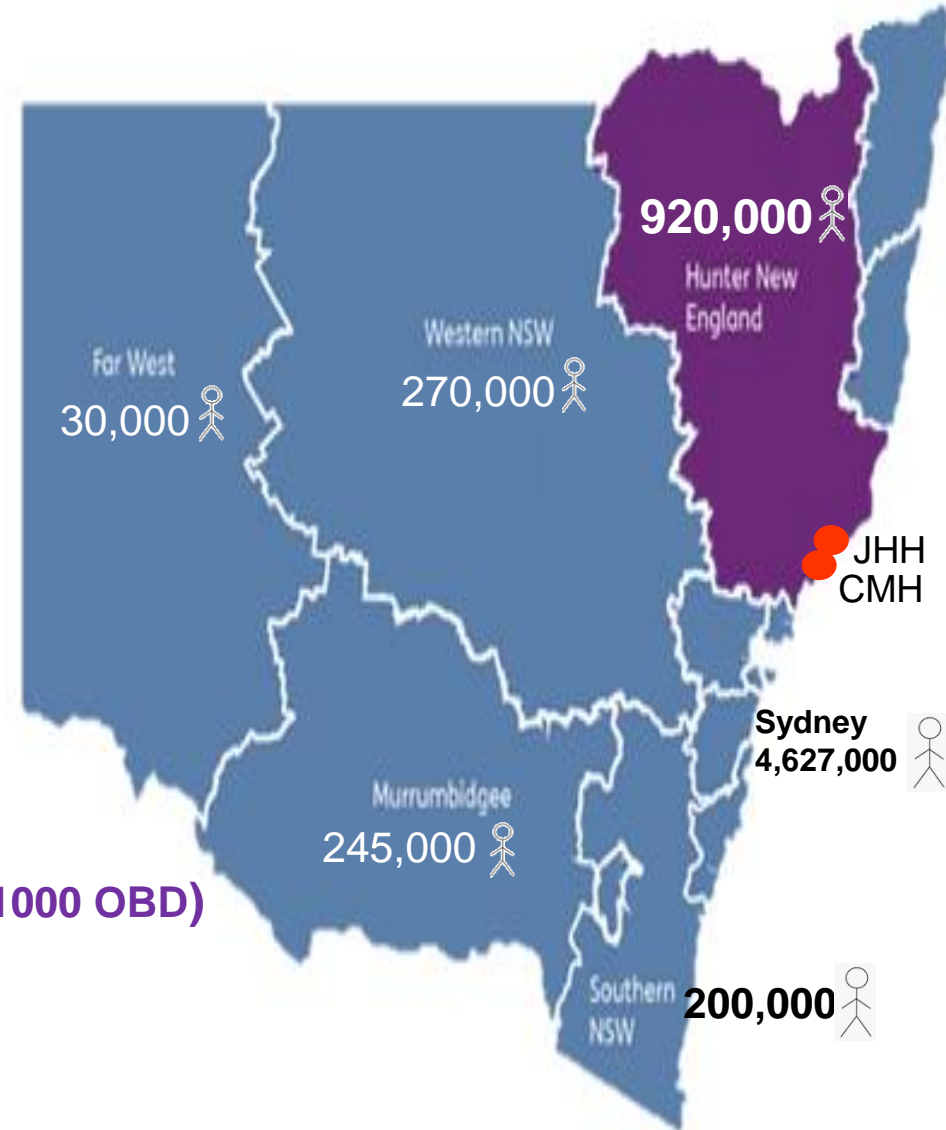
District AMS Governance Pharmacist



HNE Health



- Hunter New England Local Health District
 - Population (~**920,370*** people)
 - Land size (**131,785 square kilometres**)
- Community
 - A **Major metropolitan centre**
 - **Regional communities**
 - Small % **remote communities**
- **42 health facilities**
- There is an AMS pharmacist for
 - JHH tertiary referral hospital (~700 OBD)
 - The Calvary Mater Hospital (~200 OBD)
 - **District AMS pharmacist (40 facilities and >1000 OBD)**



District AMS Governance Project Role



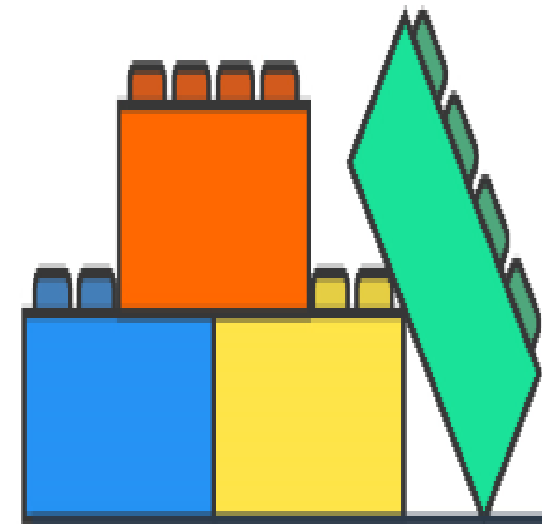
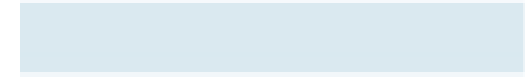
- New Position
 - Develop a **district AMS program**
 - Provide a district AMS **framework**
 - AMS **Support**
 - Provide **resources** for accreditation



District AMS Framework Pre-Project



- Majority of AMS **resources** in **Metropolitan Sector**
- No **district** Governance
- **Ad-hoc restriction rules**
 - Three restriction processes (larger facilities)
 - No rules (30 facilities)
- **Partial auditing**
 - ~10 Hospitals contributing to NAUSP
 - ~60% of facilities regularly contributing to NAPS
 - most underpowered
- Non-structured education and training in AMS



Challenges



Challenges



Harmonising
Diversity
Minimal ID support
Multidisciplinary workforce
Setting up governance
Closed roads
Gap analysis
Kangaroos
Black ice
Large district
Road trains

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NSW
GOVERNMENT

Arriving in Rural Oz



Achievements



Achievements



Standard 3
AMS leads

Recruiting
Nursing staff

AMS peer
support

Harmonise
quality
indicators

Restriction
rules

Group I	Group II	Group III
Aciclovir	Aciclovir INJ	Amikacin
Amoxicillin	Albendazole	Amphotericin
Amoxicillin + clavulanic acid PO	Amoxicillin + clavulanic acid INJ	Andulafungin
Amphotericin PO	Atovaquone	Aztreonam
Ampicillin	Azithromycin INJ/PO	Caspremycin
Benzathine (benzyl)penicillin	Cefotaxime	Caspofungin
Benzyl penicillin	Cefoxitin	Cefepime
Cefador	Ceftazidime	Ceftaroline
Cefalexin	Ceftriaxone	Cidofovir
Cefazolin	Ciprofloxacin PO	Ciprofloxacin INJ
Cefuroxime	Clarithromycin	Cyclosetine
Dioloxacillin	Clindamycin INJ/PO	Daptomycin
Doxycycline	Colistin INJ/NEB	Ertapenem
Erythromycin	Dapsone	Fidaxomicin
Famciclovir	Erythromycin INJ	Flucytosine
Fluoxacinil	Ethambutol	Foscarnet
Gentamicin (up to 48 hrs)	Fluconazole	Fosfomycin PO/INJ
Gentamicin NEB	Gentamicin (>48 hrs)	Impenem
Griseofulvin	Isoniazid	Ganciclovir
Mebendazole	Itraconazole	Ketoconazole
Methenamine hippurate	Ivermectin	Linezolid
Metronidazole INJ <72 hrs	Lincomycin	Moxifloxacin INJ/PO
Metronidazole ORAL	Meropenem	Palivizumab
Minocycline	Metronidazole INJ >72 hrs	Penamidine
Nitrofurantoin	Norfloxacin	Pristinamycin
Nystatin	Nisazovamide	Pyrimethamine
Phenoxymethyl-penicillin	Oseltamivir	Rifabutin
Procaine penicillin	Paromomycin	Streptomycin
Pyrantel	Piperacillin + tazobactam	Sulfadiazine
Roxithromycin	Posaconazole	Tigecycline
Terbinafine	Praziquantel	Voriconazole
Tinidazole	Pyrazinamide	
Tobramycin NEB	Rifampicin	Group IV
Trimethoprim	Rifaximin	Artemether + lumefantrine
Trimethoprim + sulfamethoxazole PO	Sodium fusidate	Atovaquone + proguanil
Valaciclovir	Teicoplanin	Mefloquine
	Tobramycin INJ	Primaquine
	Trimethoprim + sulfamethoxazole INJ	Quinine

Achievements



Clinical
Workforce
training and
education



Quality
Improvement
Projects



The
Future





Health

Hunter New England
Local Health Network

Questions

