



Communique

Security	Public
Distribution	Widespread distribution - metropolitan, regional, public
Target audience	All stakeholders

Incident Name: Targeted Regional WA MenW Outbreak Response

Communique. 15 (covers period 20.1.2018-16.02.2018). **New information in bold, blue font.**

Day, date and time: Friday, 16 February 2018

This communique has been authorised by: Dr Paul Armstrong

Background

- Invasive meningococcal disease (IMD) due to meningococcal serogroup W (MenW) has risen rapidly across Australia since 2014.
- A statewide MenACWY vaccination program for 15-19 year olds commenced in April 2017.
- An outbreak of MenW in central Australia started in July 2017. Aboriginal people living in communities across a broad area in the Central Australia, Barkly, and Katherine regions of the Northern Territory (NT) and the Anangu Pitjantjatjara Yankunytjatjara (APY) Lands of South Australia (SA) have been affected. Cases related to this outbreak have been reported in WA and Queensland.
- Meningococcal ACWY (MenACWY) vaccination programs have been introduced in NT, the APY Lands of SA, WA and Queensland in response to this outbreak.
- In Stage 1 of WA's response (18.10.2017-17.12.2017), free MenACWY vaccination was offered to all people aged 2 months and over living in Aboriginal communities that have strong cultural links with central Australian communities affected by the outbreak, an estimated target population of 3,494.
- In accordance with the *Emergency Response Plan for Communicable Disease Incidents of National Significance* (CDPlan), on 2.11.2017, the Australian Chief Medical Officer declared the MenW outbreak in Indigenous people in remote Central Australian communities and other communities linked through culture and mobility a 'Communicable Disease Incident of National Significance' (CDINS).
- Following a case of MenW in an Aboriginal infant from the Goldfields in late November 2017, which brought to four the number of MenW cases in the Goldfields in 2017, 'Stage 2' of the targeted vaccination program has seen it expand to several additional towns and Aboriginal communities in the Goldfields and Midwest, an additional target population of 3,648. Stage 2 started on 28.11. 2017 and **the initial cessation date of 28.2.2018 has been extended until 31.3.2018 due to low uptake in the Goldfields, especially in towns with no bulk billing GPs or Aboriginal Medical Services.**
- A WA state government funded MenACWY vaccination program for 12 month olds, with a catch-up for 1 to < 5 year olds was commenced on 23.1.2018. A nationally funded MenACWY vaccination program for 12 month olds, with no catch-up component, was announced on 2.2.2018.

Current situation

Cases linked to the central Australia outbreak (NT, SA, WA, Qld)

- **Total number of cases:** 35
- **Total number of deaths:** 1 in WA

WA cases linked to the central Australia outbreak

- Total number of cases: 5, one case in an Aboriginal child in Kalgoorlie in early January
- Total number of deaths: 1

Other:

- Stage 1 of the vaccination program was completed on 17.12.2017 and achieved 96% coverage of the targeted population. To date, stage 2 has achieved 92% coverage of the targeted population in the Midwest and **63%** in the Goldfields.

Stage 1 of the targeted program: summary of MenACWY vaccine doses administered and estimated vaccination coverage (%), data extracted on 18.12.2017

	Goldfields		Kimberley		Pilbara		Total	
	2-11 months	12 months and over						
Vaccine doses administered before 16.10.2017 ¹	0	82	0	71	0	27	1	180
Vaccine doses administered, 23.10.2017 onwards	25	1,713	26	819	7	582	58	3,115
Total vaccine doses administered to date	1,820		916		616		3,352	
Total population²	1,769		1011		714		3,494	
Estimated coverage*	103%		91%		86%		96%	

* May be >100% because >1 dose is required for children <12months of age

Stage 2 of the targeted program - Summary of MenACWY vaccine doses administered and estimated vaccination coverage (%), data extracted on 14.02.2018

	Goldfields		Midwest		Total	
	2-11 months	12 months and over	2-11 months	12 months and over	2-11 months	12 months and over
Vaccine doses administered before 27.11.2017 ¹	695		62		757	
Vaccine doses administered, 27.11.2017 onwards	142	1,199	19	320	161	1,519
Total vaccine doses administered to date	2,036		401		2,437	
Total population to be vaccinated	3,247		437		3,684	
Estimated coverage	63%		92%		66%	

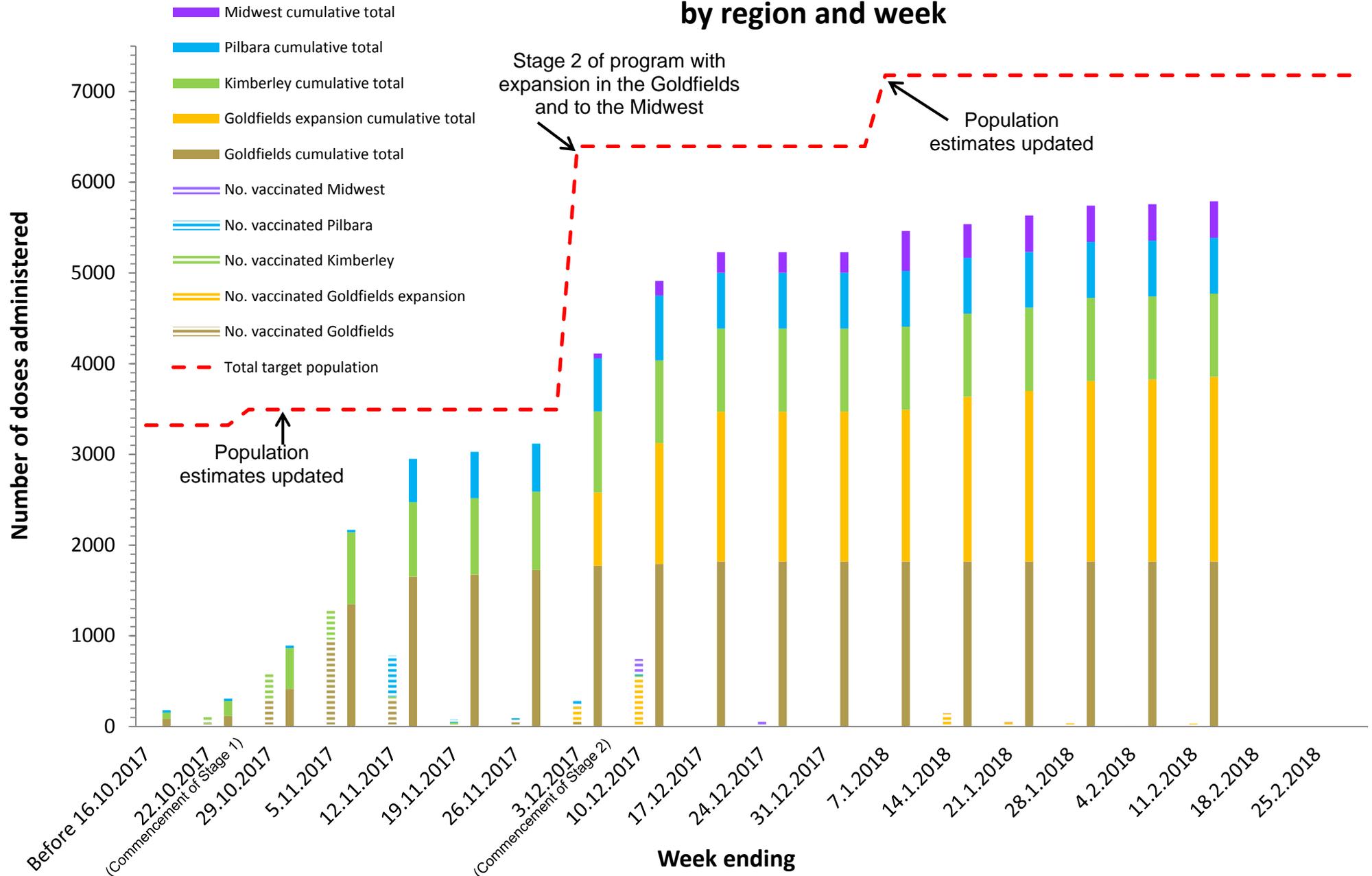
NB: Population to be vaccinated for expansion of program is: all Aboriginal residents aged 2 months to 19 years, and non-Aboriginal residents aged 2 months to 19 years if non-Aboriginal people make up less than 50% of total population of the community/town.

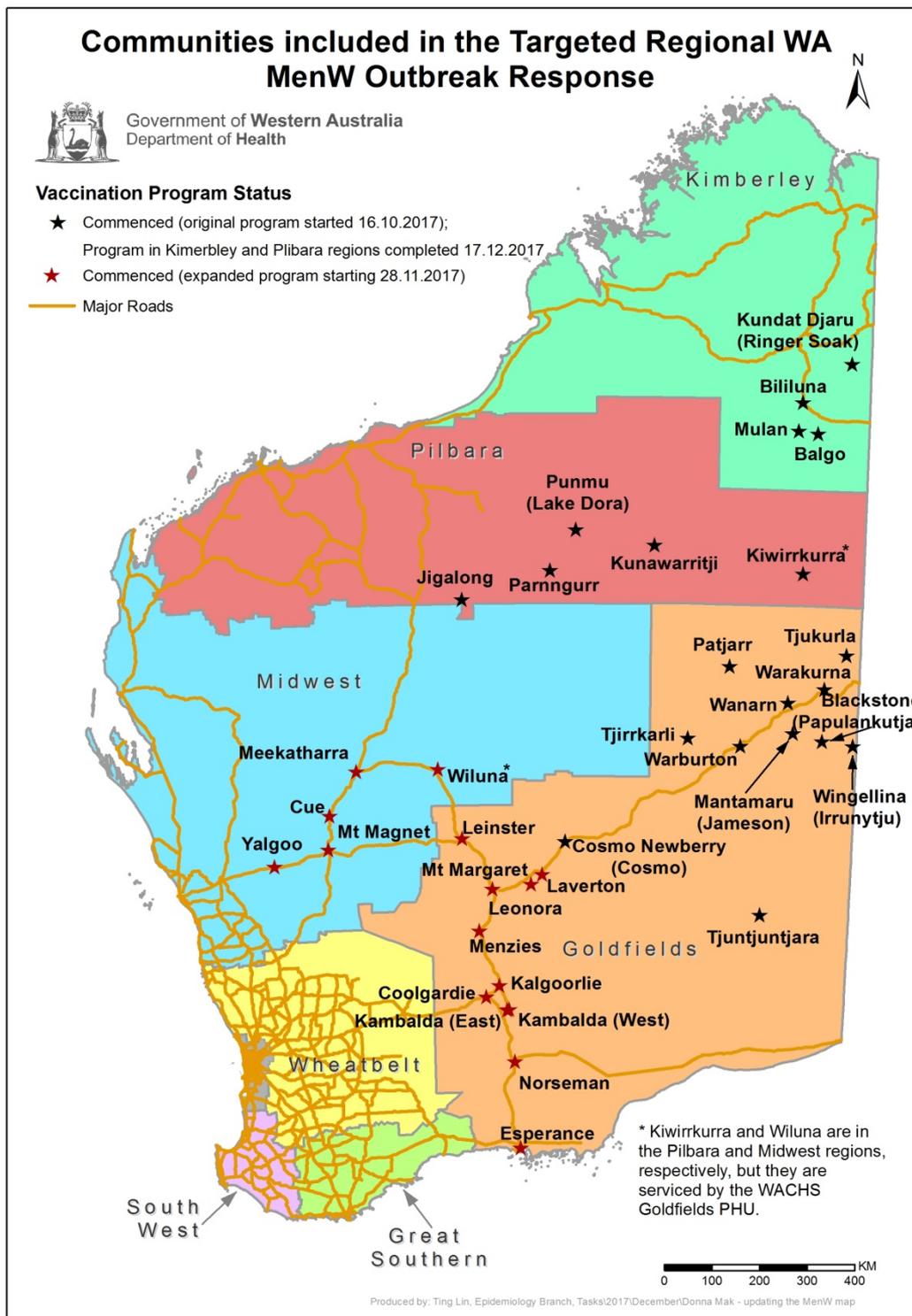
1. The majority of these figures represent those who have received vaccine as part of the state-wide MenACWY vaccination program for 15-19 year olds that commenced in April 2017.

2. Australian Bureau of Statistics (ABS) 2016 census.

Please note: Regional population estimates are based on 2016 census, however, populations will vary due to significant movement of people. Vaccination coverage should consider local population estimates at time of vaccination.

Weekly and cumulative total of number of Men ACWY vaccine doses administered, by region and week





Further communiques

- The next and final communique will be issued on 23.03.2018.

WebEOC Incident Name: 20171012 Targeted Regional WA MenW Outbreak Response

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