

Disclosures

I receive no funding or support of any kind from any pharmaceutical or for-profit health care related industry.

Measuring Progress Towards Elimination -

No One Left Behind



Data for <u>action</u>

- 1. How can we measure progress towards viral hepatitis elimination?
- 2. What targets? What's feasible?

Data for <u>action</u>

- 1. How can we measure progress towards viral hepatitis elimination?
- 2. What targets? What's feasible?
- 3. How do we use data to enable ACTION to stop people being left behind?



Hepatitis C Mapping Project: 1st National Report, 2018 www.ashm.org.au/HCV/hepatitis-c-mapping-reports/

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www.ashm.org.au/HBV/hepatitis-b-mapping-reports/

National Viral Hepatitis Mapping Project

- Funded by the Australian Government
- Hepatitis B mapping from 2012 in partnership with ASHM
- Expanded to include hepatitis C from 2016
- Provide locally relevant, geographically specific estimates of the burden of disease and of access to treatment and care
- Identifying priority areas, progress, gaps and disparities

Questions we can answer

- Which local areas in my catchment have the highest burden of hepatitis C?
- Where should we target health workforce development to improve access to care?
- Who are the priority affected communities living with hepatitis B in my region? What languages do they speak?
- What is occurring with uptake of treatment and care over time and over place?

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1. Identifying priority populations



Hepatitis B prevalence according to region of birth, 2016

1. Identifying priority populations



2. Assessing disparities in progress

Hepatitis B treatment uptake according to Primary Health Network, 2016



2. Assessing disparities in progress

Hepatitis B treatment uptake according to SA3, Melbourne, 2016



2. Assessing disparities in progress

Hepatitis C treatment uptake according to Primary Health Network, 2016



3. Identifying drivers of access

Specialists per 1,000 people living with hepatitis B according to Primary Health Network, 2016



3. Identifying drivers of access

Association between hepatitis C treatment uptake and other health indicators



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3. Identifying drivers of access



Prescribing of hepatitis C treatment by providers other than specialists

3. Supporting the design and delivery of programs

- Health workforce education ASHM
- Australian Government / Hepatitis Australia Hepatitis B Community Education grants
- Victorian Integrated Hepatitis C Nurses
- NT viral hepatitis service
- Priority languages for resources
- Estimates used in many presentations at this conference already!

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4. Identifying success stories and model programs

- South Australia viral hepatitis nurses
 - Adelaide HCV treatment uptake
- South Western Sydney B Positive Program
 - Only PHN to achieve National Hepatitis B Strategy Treatment target
- NT hepatitis B response access to care / monitoring among highest in the country by PHN
- Increased focus on chronic hepatitis B in Far North Queensland

Ongoing work

 CRC-SI work – geospatial analysis, predictors, associations with access to health care



- Health record linkage studies providing individual level of care, maintenance in care, outcomes
- Surveillance for Hepatitis B Indicators mathematical modelling modelling – what will be the future impact of treatment scale up now in your local area?



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Making data WORK for elimination

Elimination of viral hepatitis is the goal



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Acknowledgements

WHO Collaborating Centre for Viral Hepatitis VIDRL, Doherty Institute – Epidemiology Unit Nicole Allard, Chelsea Brown, Benjamin Cowie, Jennifer MacLachlan, Karen McCulloch, Ashleigh Qama, Nicole Romero, Laura Thomas





Doherty

Research & Programmatic Funding Department of Health and Ageing, Australian Government Department of Health and Human Services, Victoria Melbourne Health Office for Research & RMH Foundation Cooperative Research Centre for Spatial Information Peter Doherty Institute for Infection and Immunity



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Download the Mapping Reports:

Hepatitis B

ashm.org.au/products/product/HepB-Mapping-Report-2016

Hepatitis C

ashm.org.au/products/product/HepC-Mapping-Report-2016

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