

FOR INFORMATION

NAHIP Advisory Committee Annual Meeting 2021

Agenda Item 3.1

Last updated: **15 November 2021**Prepared by *G. Campbell*

NSW NAHIP NOV 2021

RECOMMENDATION

1. That the NAHIP Advisory Committee:
 - a. **NOTES current NAHIP activities from NSW.**

BACKGROUND

1. NSW reports quarterly via the standard NAHIP reports. Our data is collated from:
 - Sample Manager (the state laboratory data management system),
 - the Livestock Health Management System (LHMS),
 - monitoring and accreditation program reports (for OB, TSE, TB), and
 - laboratory information provided by other jurisdictions and the Australian Centre for Disease Preparedness (ACDP).

Data into Sample manager and LHMS includes that provided by Local Land Services District Veterinarians and private practitioners where samples are sent to the State Veterinary Diagnostic Laboratory.

DISCUSSION

2. NSW is now using a new data extraction tool (Power Bi) for the purpose of sourcing and filtering laboratory data from Sample manager. Power Bi replaces the “Alteryx” program that was previously used. Power Bi was used for the first time for Q3 2021 NSW NAHIP data extraction and sorting and comes with some benefits such as an ability to:
 - extract data into a format more compatible with the NAHIP reporting workbook requirements.
 - automate some data collation functions, such as an ability to automatically add values when there is a need to summate the number of tests conducted for a period from multiple data rows (such as is required for EBL).
 - create internal dashboards, graphs, maps and other spatial outputs from the data within PowerBi.
 - draw LHMS data into the same workspace as the sample manager data.

Working with the NSW DPI data intelligence team, further use and training with Power Bi will be required to realise some of the possible gains and opportunities from using this tool.

3. NSW utilises NAHIP data:
 - in the NSW Animal Health Surveillance newsletter
 - for internal reporting (for ministerial requirements, house folders, as-needed requests)
 - for interagency reporting and updates (e.g. zoonotic disease updates and collaboration with NSW health)

- in combination with internal data from District Veterinarians in the Livestock Health Management System, to generate surveillance reports for individual Local Land Services regions
 - recently, in an internal roundtable presentation to DPI and LLS staff on Surveillance data sources and uses in NSW.
4. NSW is undertaking a laboratory test standard project. Currently there is no agreed list of tests for nationally notifiable diseases and NAHIP reporting. This is especially challenging for the sorting and validation of large volumes of data. Having a clear list of agreed tests will make data extraction and validation for notifiable diseases a more targeted and streamlined process. The project will involve NSW Animal Biosecurity staff and staff from the State Diagnostic Veterinary Laboratory.

FINANCIAL IMPLICATIONS

5. None

CONSULTATION/COMMUNICATION

6. N/A

NEXT STEPS/ACTIONS

7. N/A

FEEDBACK

8. *[Please respond to the questions below in assessing the performance of the NAHIP over the 2020–21 year, and use this as an opportunity to offer feedback and suggested changes for continual improvement.]*

Q1 My organisation's needs and expectations of the NAHIP are being met.				
Strongly agree	Agree	Undecided	Disagree	Strongly disagree
NSW would appreciate clarity and justification for the data requirements of NAHIP. The extraction and validation of some of the data sets continues to be time consuming for NSW and we are unsure how all the data is used. The process for NSW takes about 3 weeks every quarter, which is time not available to spend on core critical business for Animal Biosecurity. We note and appreciate that this is on the agenda at item 2.1.				

Q2 My organisation is satisfied that the outputs of NAHIP, such as the Animal Health in Australia report are Animal Health Surveillance Quarterly, are credible and robust.				
Strongly agree	Agree	Undecided	Disagree	Strongly disagree
NSW is satisfied with these outputs.				

Q3 The format and protocols in place for uploading and transferring national surveillance data are fit for purpose.				
Strongly agree	Agree	Undecided	Disagree	Strongly disagree
NSW agree the format and protocols meet the current data requirements but refer to our comment at Q1 regarding clarity and justification for the data requirements of NAHIP.				

Q4 NAHIP satisfies national surveillance data and reporting requirements. (Please outline any requirements not being met).				
Strongly agree	Agree	Undecided	Disagree	Strongly disagree
Scope of this question may best be answered by the commonwealth.				