

FOR INFORMATION/ DISCUSSION

NAHIP Advisory Committee Virtual Meeting Oct 2024

Agenda Item 1.1

Last updated: **17 October 2024**

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NAHIP STATE COORDINATOR REPORT NSW

RECOMMENDATION

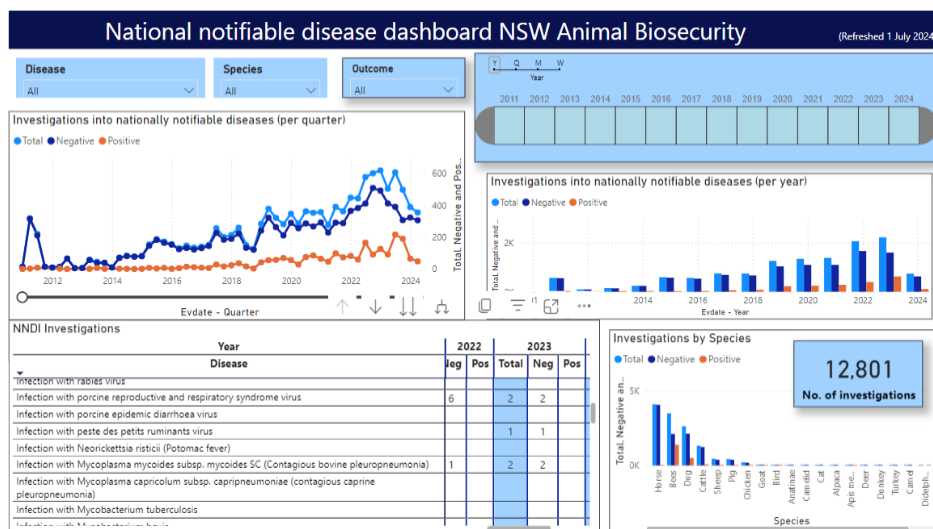
1. That the NAHIP Advisory Committee NOTE:
 - a. the current update and activities undertaken by NSW Department of Primary Industries and Regional Development (DPIRD).
 - b. NSW support further development of the data standards and data sharing agreements for NAHIP.
 - c. NSW welcome the review of data quality through the Data quality subgroup.

BACKGROUND

2. This report outlines the process and projects undertaken in NSW to deliver on our jurisdictional requirements for NAHIP. This includes a summary of some of the outputs throughout 2023-2024.

DISCUSSION

3. NSW continues to report data on a quarterly basis for NAHIP, with laboratory data extracted from Sample Manager (the state laboratory data management system), our Livestock Health Management System (LHMS) for certain diseases (like Anthrax), MAX (for emergency management data) and other monitoring and accreditation program reports (for OB and TB). We further use and validate laboratory information provided by other jurisdictions and the Australian Centre for Disease Preparedness (ACDP).
4. NSW is continuing the project to develop better reporting mechanisms for NAHIP and to automate the extraction of our surveillance data prior to validation (using Power Bi). Within the project we are also developing a work instruction for NSW surveillance officers and a written instruction that documents the data transformation process. This also incorporates our NSW laboratory test standard.
5. NSW are also developing dashboard visualisations to enable better utilisation of our notifiable disease investigation data for internal reporting purposes:



6. During 2023-2024, the NAHIP investigation data that NSW reported included:
- **1853** investigations to the NNDI data project,
 - **243** investigations to the AVI and POU data projects (for AI/ND),
 - **125** investigations to the ATX2 data project for Anthrax.

There were investigations across 53 different nationally notifiable diseases. This included positive results for the following NNDI diseases in 2023-2024:

NNDI Investigations	
	Year
	Disease
▼	
Paratuberculosis - Johne's disease	
Infestation of bees with Varroa destructor or V. jacobsoni (Varroosis)	
Infection with Hendra virus	
Infection with Ehrlichia canis (Ehrlichiosis)	
Infection with Brucella suis	
Infection with Babesia bovis, B. bigemina or B. divergens (bovine babesiosis) in tick free areas	
Infection with Anaplasma marginale (bovine anaplasmosis) in tick free areas	
Infection of bees with Paenibacillus larvae (American foulbrood)	
Infection of bees with Melissococcus plutonius (European foulbrood)	
Bluetongue - clinical disease	

7. NSW continue to welcome the work undertaken by the NAHIP Advisory Committee in reviewing the data standard and developing the data sharing MOU and we look forward to further progress on these. Validation of the data to the current requirements continues to be challenging and time consuming. This is in part due to the number of data projects that exist, and the variation, complexity, and volume of data fields across data projects. Changes that are being proposed to the data standard should simplify some aspects of reporting. There is still a reasonable body of work for us to transition our internal reporting outputs to a new data standard.
8. NSW welcome the review of data quality through the Data quality subgroup. Further clarity on what constitutes an investigation for NAHIP (and a case) should contribute to better data consistency and provide clearer guidance to NAHIP coordinators when extracting and validating investigation data.
9. NSW provided data and further inputs during 2023-2024 financial year for Animal Health in Australia (AHIA) and the Animal Health Surveillance Quarterly (AHSQ).
10. NSW continue to upload NAHIP data to NAHIS for investigations undertaken in the ACT, who use the New South Wales Animal and Plant Health Laboratories as their diagnostic laboratory.

FINANCIAL IMPLICATIONS

11. NA

CONSULTATION/COMMUNICATION

12. NA

NEXT STEPS/ACTIONS

13. NA

FEEDBACK

14.

Q1 My organisation's needs and expectations of the NAHIP are being met.				
Strongly agree	Agree	Undecided	Disagree	Strongly disagree

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

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

Q4 NAHIP satisfies national surveillance data and reporting requirements. (Please outline any requirements not being met).				
Strongly agree	Agree	Undecided	Disagree	Strongly disagree
We would generally seek feedback from the Commonwealth that national requirements are being met.				