

FOR INFORMATION

NSDIP Advisory Committee Annual Meeting 2023

Agenda Item 7.2

Last updated: 7 June 2023

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National Significant Disease Investigation Program Status Report 2021-22

RECOMMENDATION

1. That the NSDIP Advisory Committee NOTE the program status report and performance for 2021-22

BACKGROUND

2. The National Significant Disease Investigation Program (NSDIP) is an ongoing, core subscription program of Animal Health Australia. The NSDIP seeks to increase engagement with private veterinarians and to deliver tailored programs with the aim of increasing the quantity and quality of livestock and wildlife disease investigations reported nationally.
3. Key outcomes (as per the AHA AOP) for 2021-22 were
 - Strong connections and collaboration between government and private veterinarians.
 - Improved quality and quantity of significant disease investigations conducted by private veterinarians.
 - Professional development of private veterinarians in disease investigation is supported.
 - A national approach to increasing Australia's capacity for general surveillance through private veterinarians.

DISCUSSION

4. Financial summary

The total budget for the NSDIP, as approved by members in the 2021-22 AHA Annual Operating Plan was \$289,423. At the end of June 2022, the total expenditure was within budget with an overall expenditure of \$223,350 (Figure 1). Meeting costs were less than budgeted, with the annual meeting held in a virtual format in 2021. Payment for the NSW necropsy video is pending and reflected in the under expenditure. The Qld EAD training was held over to September 2022 and will utilise the 2022-23 budget to fund, with the 2021-22 Qld budget utilised for investigations.

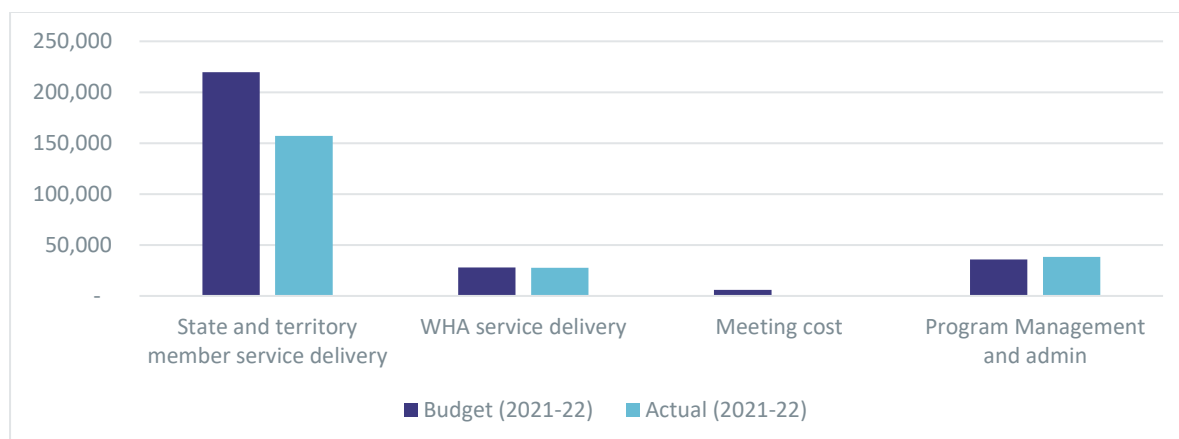


Figure 1 Project financial summary 2021-2022¹

¹ Figures for state and territory member service delivery and WHA service delivery affected by prior and current year accruals. Actual costs may vary.

Table 1 Deliverables and performance

Key outputs/deliverables 2021-22	Target	Outcome	Comment
Significant disease investigations undertaken by non-government veterinary practitioners in collaboration with government laboratories	June 2022	Complete	Details of disease investigations supported through the program are outlined in Figures 1-6.
Participation of sentinel veterinary clinics in a surveillance network for wildlife disease	June 2022	Complete	WHA continue to manage a wildlife sentinel veterinary clinic network. See the WHA annual report (Item 8.1) for further information.
Disease investigation training for non-government veterinary practitioners	June 2022	Partially complete	The program supported EAD training for PVPs in NSW and the development of a necropsy technique training video for NSW. The Qld EAD training was held over till the 2022-23 FY.
A National Animal Health Information System (NAHIS) data project collating administrative records of disease investigations undertaken in the Program	June 2022	Complete	AHA has maintained a discrete data project for the NSDIP within the NAHIS.
An annual program report in the Animal Health in Australia (AHIA) publication	June 2022	Complete	A program report was published as part of the 2021 AHIA Annual Report, highlighting the role of private veterinary practitioners in supporting general surveillance and disease investigations
A program page maintained on the AHA website	June 2022	Complete	The NSDIP page on the AHA website has been maintained.

Table 2 Key achievements and operational issues

Key achievements or operational issues	Strategies for addressing operational issues	Resolved (Y/N)
Achievement: National application of the program	The program continues to be well utilised across all components and provides a national platform to increase collaboration with private veterinarians.	n/a

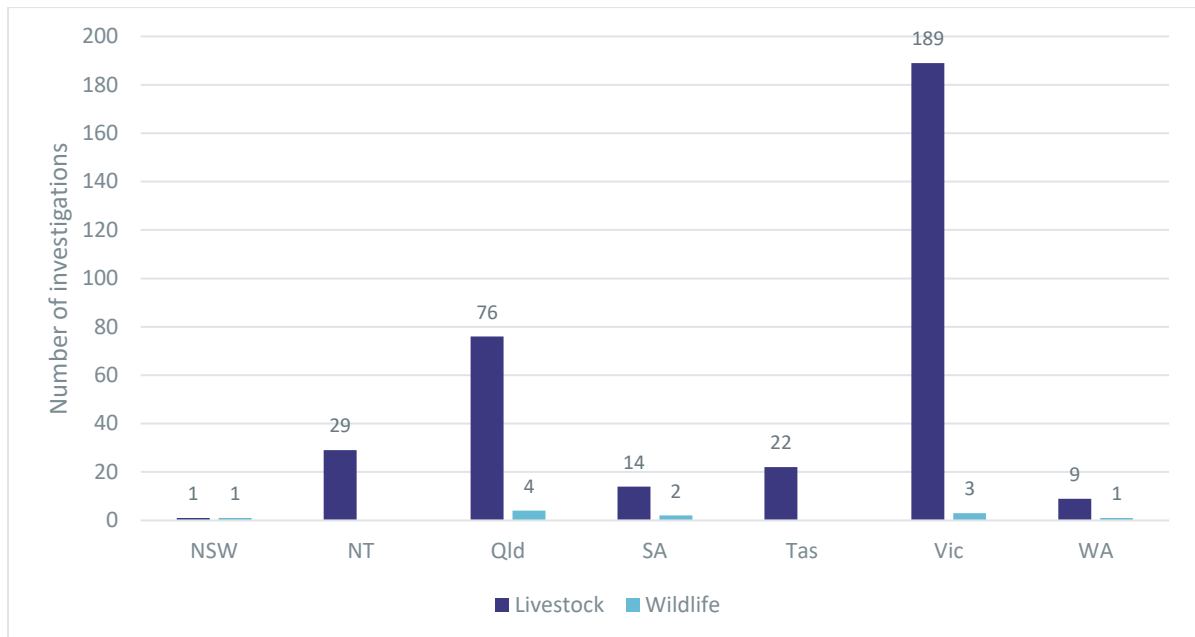


Figure 2 Number of NSDIP livestock and wildlife disease event investigations, by jurisdiction, 1 July 2021 to 30 June 2022

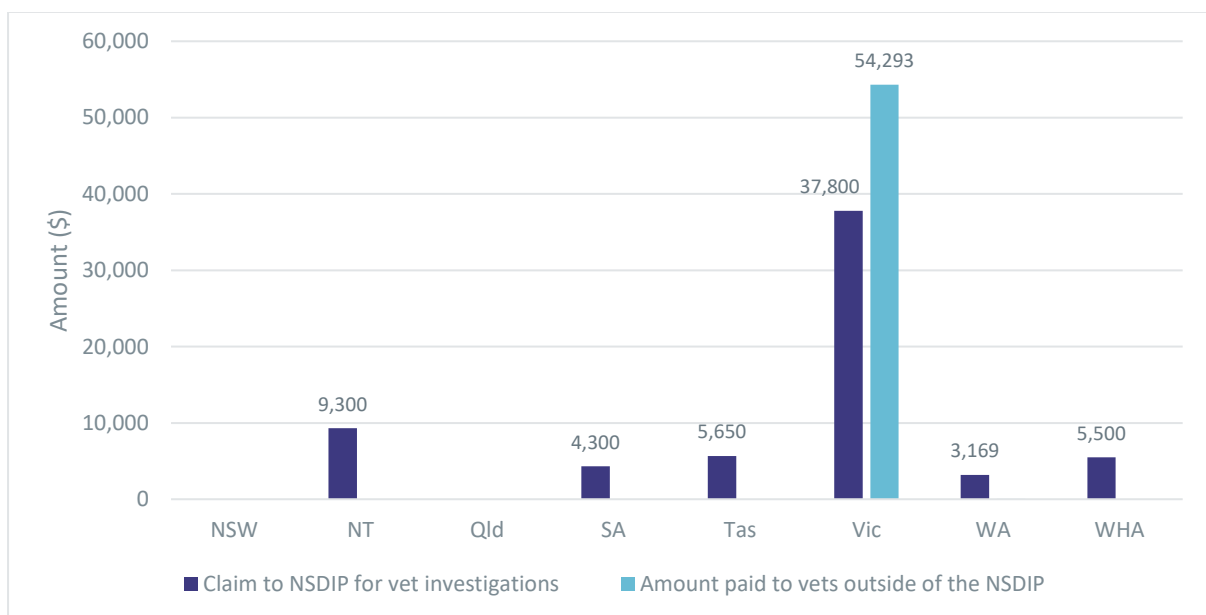


Figure 3 Amount paid for vet investigations under the NSDIP and co-contributions on designated NSDIP investigations from other sources, by jurisdiction, 1 July 2020 to 30 June 2021.

Note: additional activities fully funded through other mechanisms within jurisdictions are not included in this figure.

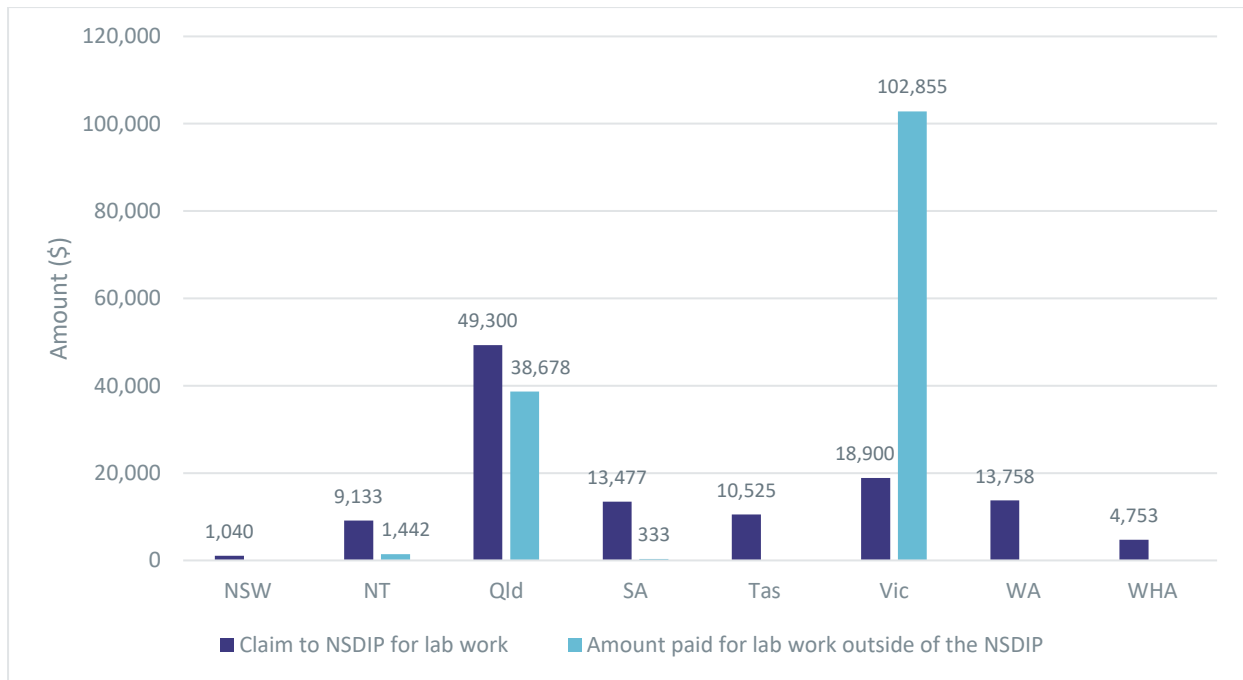


Figure 4 Amount paid for laboratory work associated with investigations under the NSDIP and co-contributions on designated NSDIP investigations from other sources, by jurisdiction, 1 July 2021 to 30 June 2022.

Note: additional activities fully funded through other mechanisms within jurisdictions are not included in this figure.

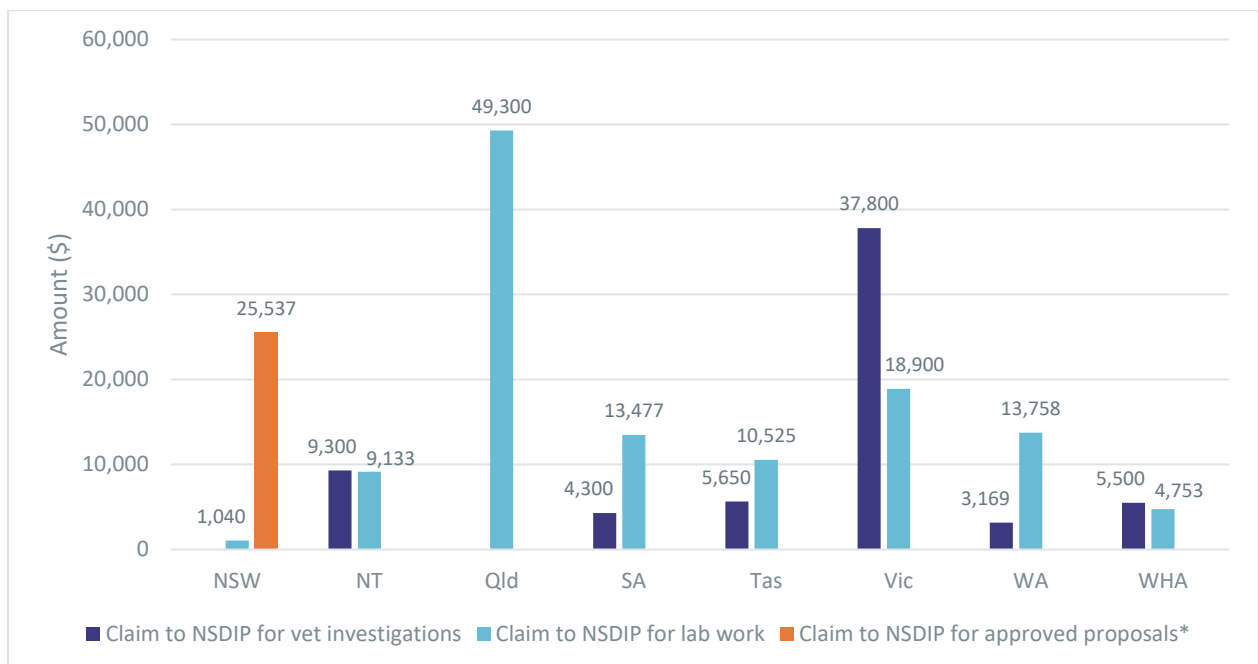


Figure 5 Amount claimed per agency on disease investigations, laboratory work and approved proposals (e.g. training) through NSDIP, 1 July 2021 to 30 June 2022.

* Some training figures are yet to be finalised, expenditure has been accrued.

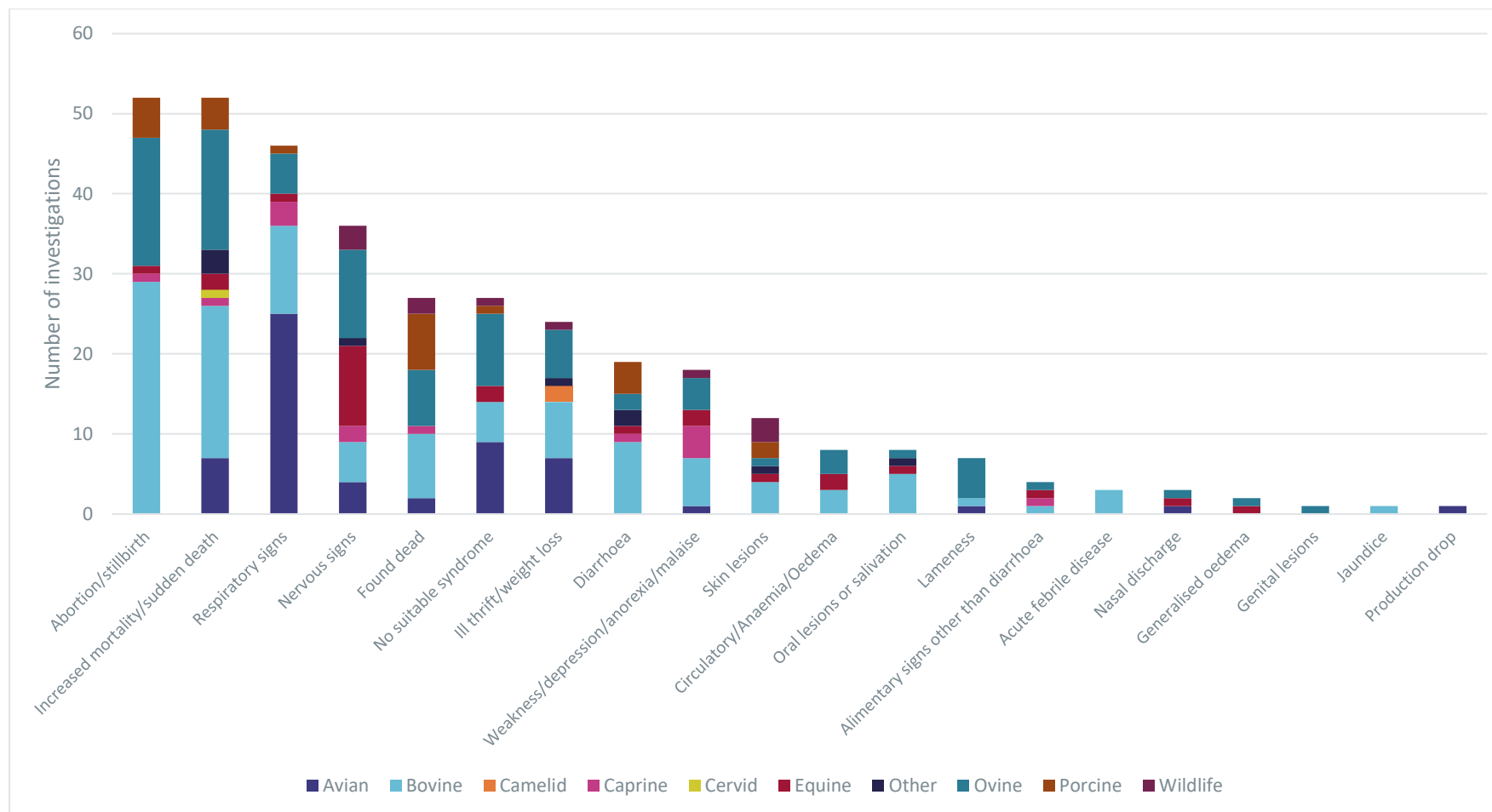


Figure 6 Number of NSDIP investigations reported by syndrome and species, 1 July 2021 to 30 June 2022.

*Other refers to domestic animal species

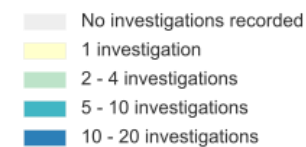
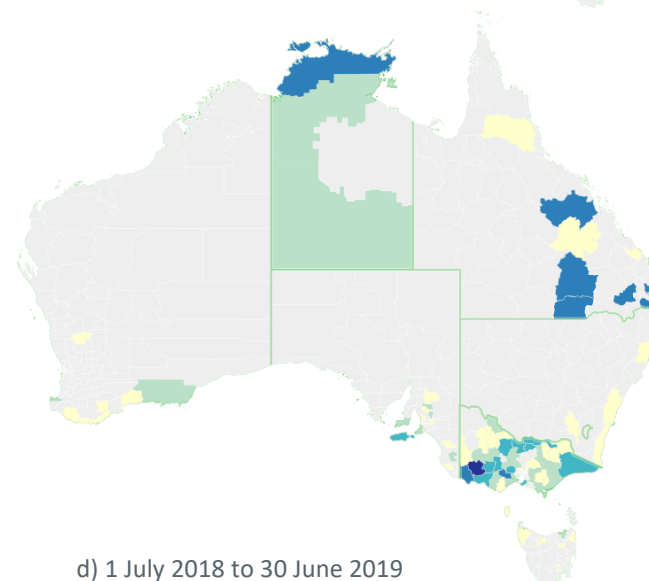
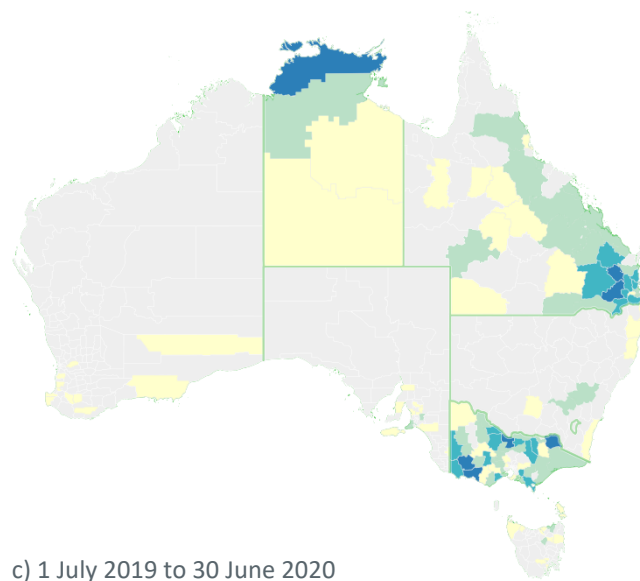
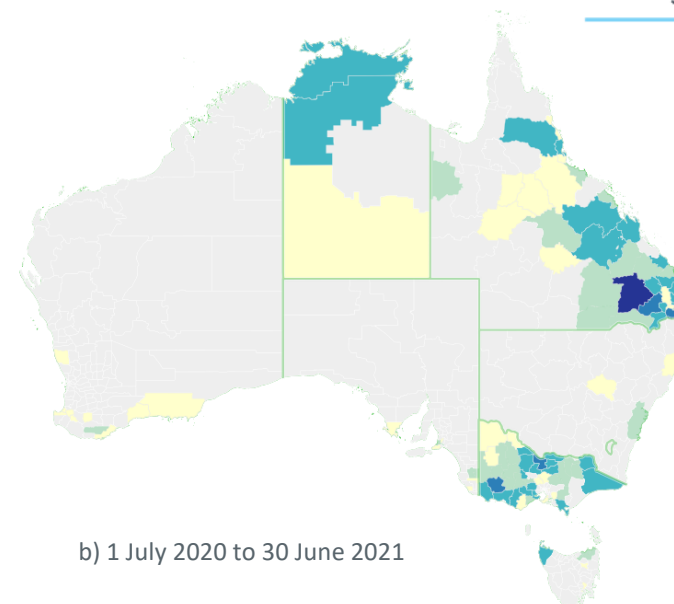
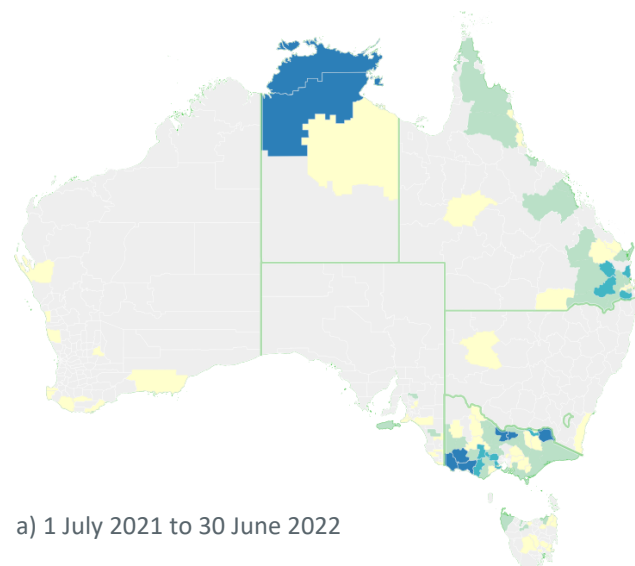


Figure 7 Maps showing the number of investigations undertaken with support through the NSDIP, by local government area (or equivalent) by year

Table 3 Exclusions of national notifiable diseases associated with cases investigated through the NSDIP

National notifiable disease	Number of exclusions
African horse sickness	6
African swine fever	10
Anthrax	12
Aujeszky's disease	6
Australian bat lyssavirus	5
Avian influenza	50
Avian paramyxovirus	2
Bluetongue	2
Bovine virus diarrhoea Type 2	26
<i>Brucella</i> spp.	27
<i>B. abortus</i>	4
<i>Chlamydophila abortus</i> (enzootic abortion of ewes, ovine chlamydiosis)	2
Classical swine fever	9
Contagious bovine pleuropneumonia	3
Contagious caprine pleuropneumonia	1
Equine encephalosis virus	1
Equine herpesvirus-1	1
Equine piroplasmosis	1
Flavivirus	8
Food-and-mouth disease	11
Haemorrhagic septicaemia	1
Hendra	15
Influenza A virus in swine	5
Japanese encephalitis virus	26
Lumpy skin disease virus	2
Malignant catarrhal fever (wildebeest associated)	2
Maedi-visna	1
Melioidosis	4
Menangle virus	1
Newcastle disease	34
Nipah virus	1
Paratuberculosis - Johne's disease	4
Peste des petits ruminants	2
Porcine reproductive and respiratory syndrome	5
<i>Psoroptes ovis</i> (sheep scab)	1
Rabies virus	1
Rift valley fever	1
<i>Salmonella</i> spp.	1
<i>Salmonella abortus-ovis</i>	1
Scrapie	1
Sheep pox	1
Surra	1
Transmissible spongiform encephalopathies	2
Transmissible gastroenteritis coronavirus	1
Vesicular stomatitis virus	9