

FOR INFORMATION

NSDIP Advisory Committee Annual Meeting 2023

Agenda Item 1.2

Last updated: 28 August 2023

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National Significant Disease Investigation Program Status Report 2022-23

RECOMMENDATION

1. That the NSDIP Advisory Committee NOTE the program status report and performance for 2022-23

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 2022-23 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 2022-23 AHA Annual Operating Plan was \$291,144. At the end of June 2023, the total expenditure was within budget with an overall expenditure of \$274,274 (Figure 1).

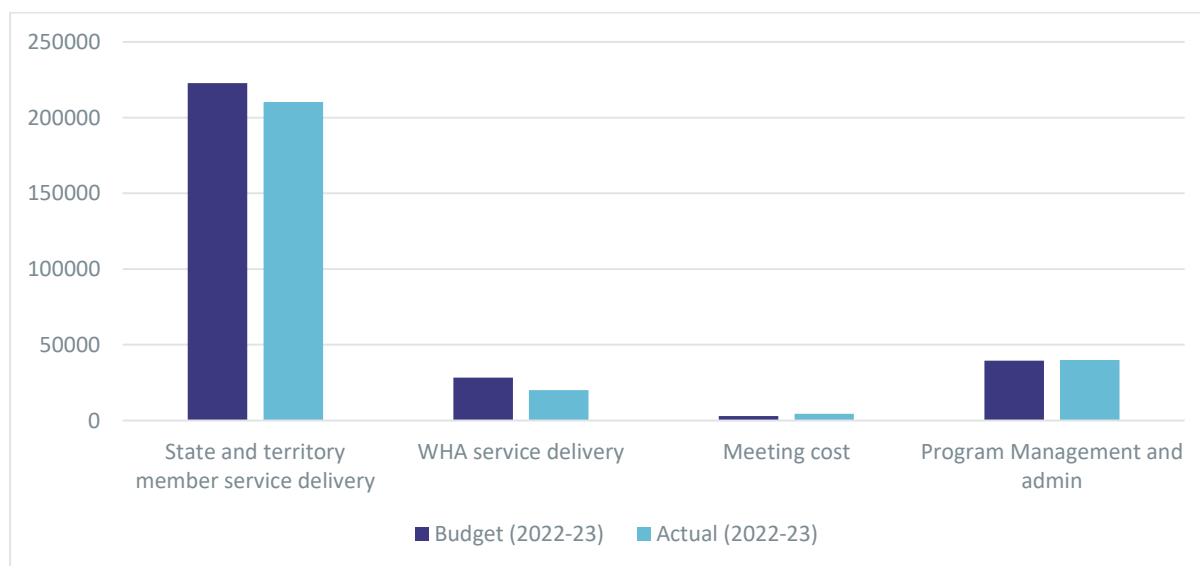


Figure 1 Project financial summary 2022-2023¹

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 2022-23	Target	Outcome	Comment
Significant disease investigations undertaken by non-government veterinary practitioners in collaboration with government laboratories	June 2023	Complete	Details of disease investigations supported through the program are outlined in Figures 1-8.
Participation of sentinel veterinary clinics in a surveillance network for wildlife disease	June 2023	Complete	WHA continue to manage a wildlife sentinel veterinary clinic network. See the WHA annual report (Item 1.1) for further information.
Disease investigation training for non-government veterinary practitioners	June 2023	Complete	The program supported EAD training for PVPs in Qld.
A National Animal Health Information System (NAHIS) data project collating administrative records of disease investigations undertaken in the Program	June 2023	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 2023	Complete	A program report was published as part of the 2022 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 2023	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

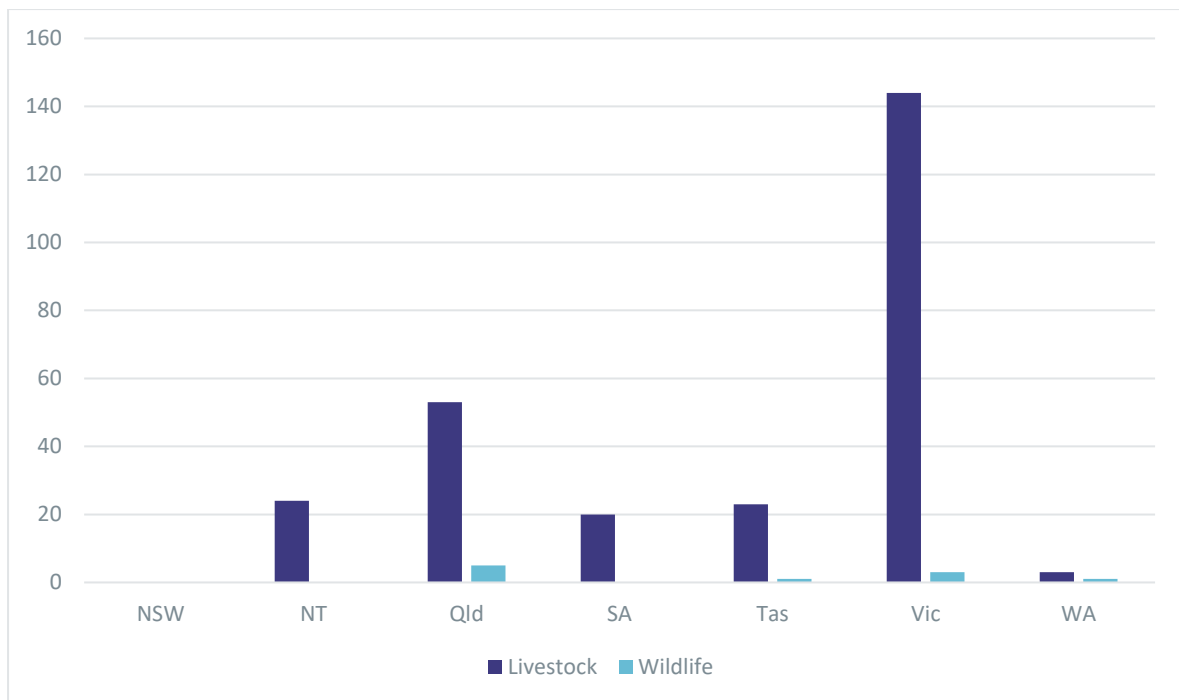


Figure 2 Number of NSDIP livestock and wildlife disease event investigations, by jurisdiction, 1 July 2022 to 30 June 2023

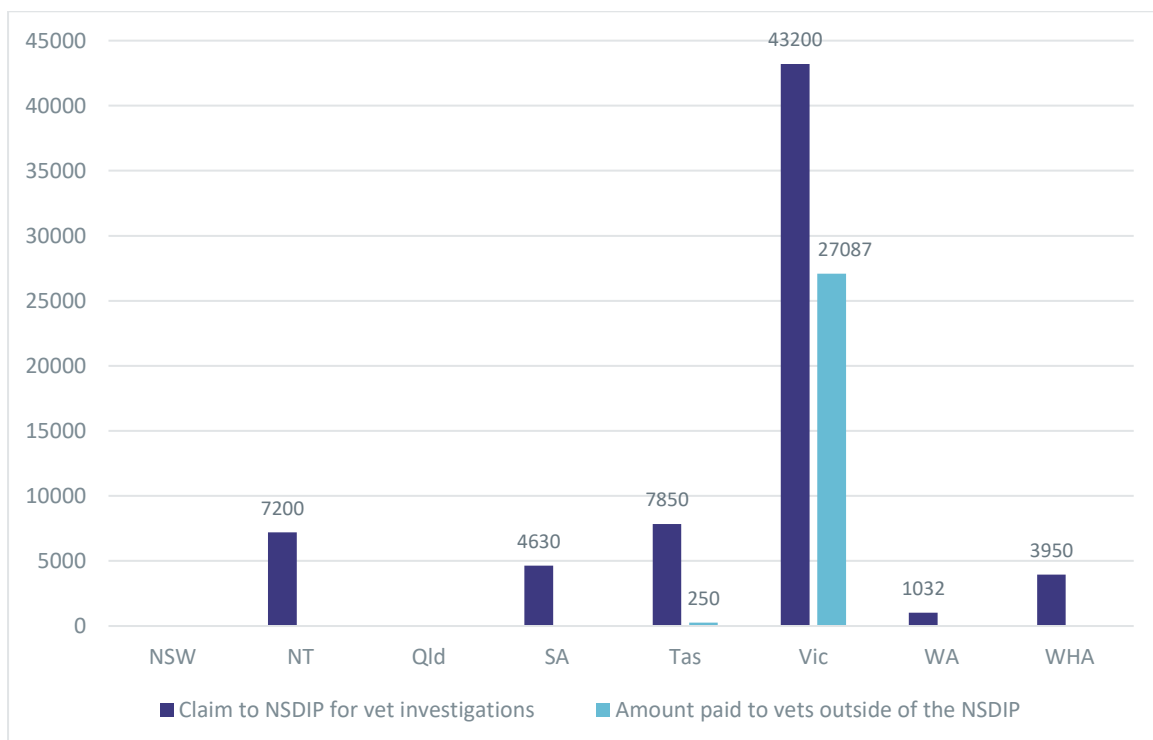


Figure 3 Amount paid for vet investigations under the NSDIP and co-contributions on designated NSDIP investigations from other sources, by jurisdiction, 1 July 2022 to 30 June 2023.

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

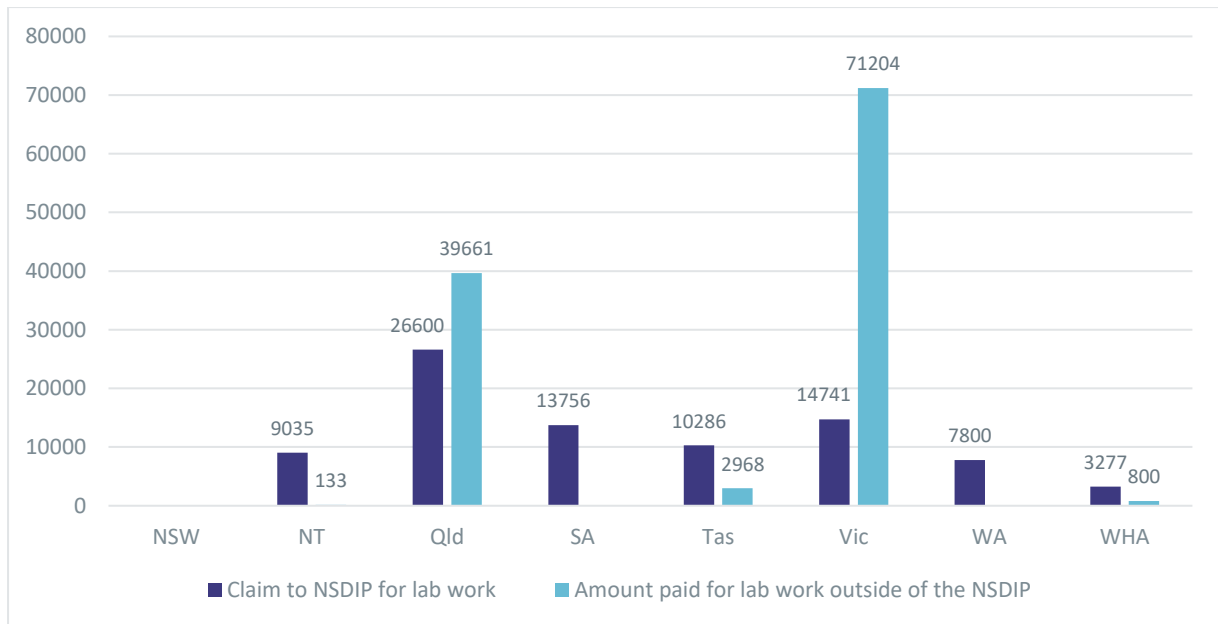


Figure 4 Amount paid for laboratory work associated with investigations under the NSDIP and co-contributions on designated NSDIP investigations from other sources, by jurisdiction, 1 July 2022 to 30 June 2023.

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

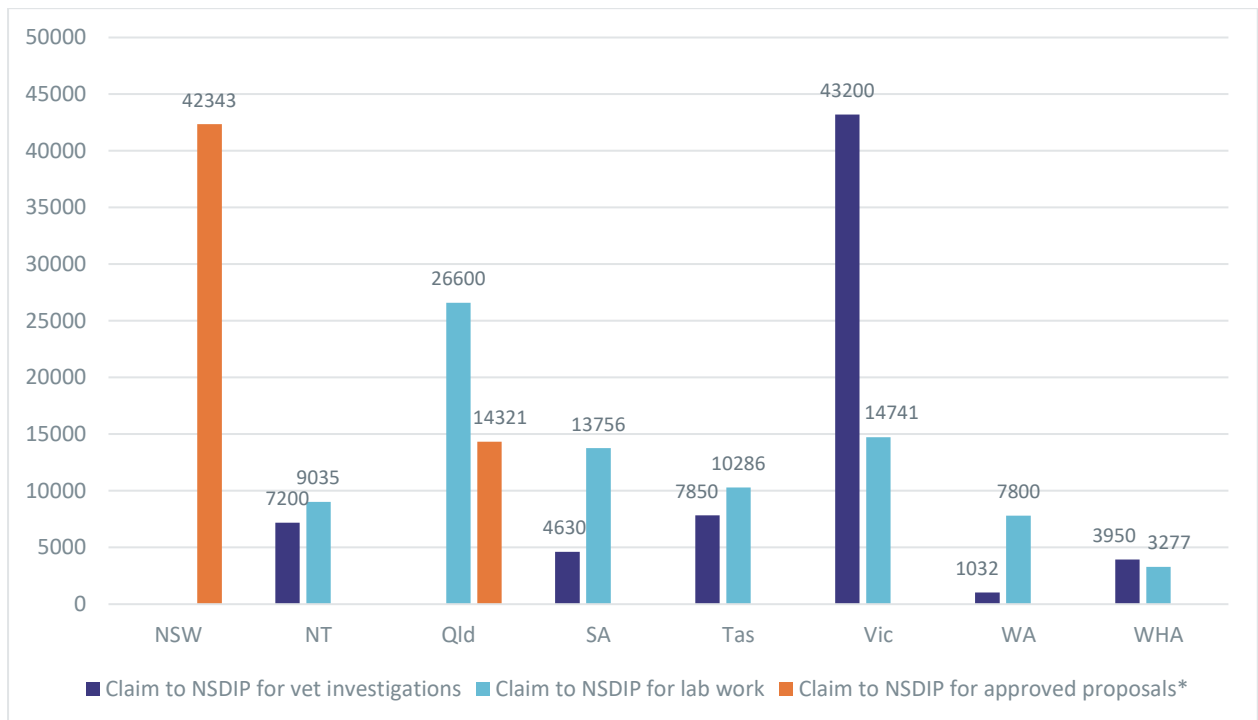


Figure 5 Amount claimed per agency on disease investigations, laboratory work and approved proposals (e.g. training) through NSDIP, 1 July 2022 to 30 June 2023.

* NSW training proposal and figures are yet to be finalised, expenditure has been accrued.

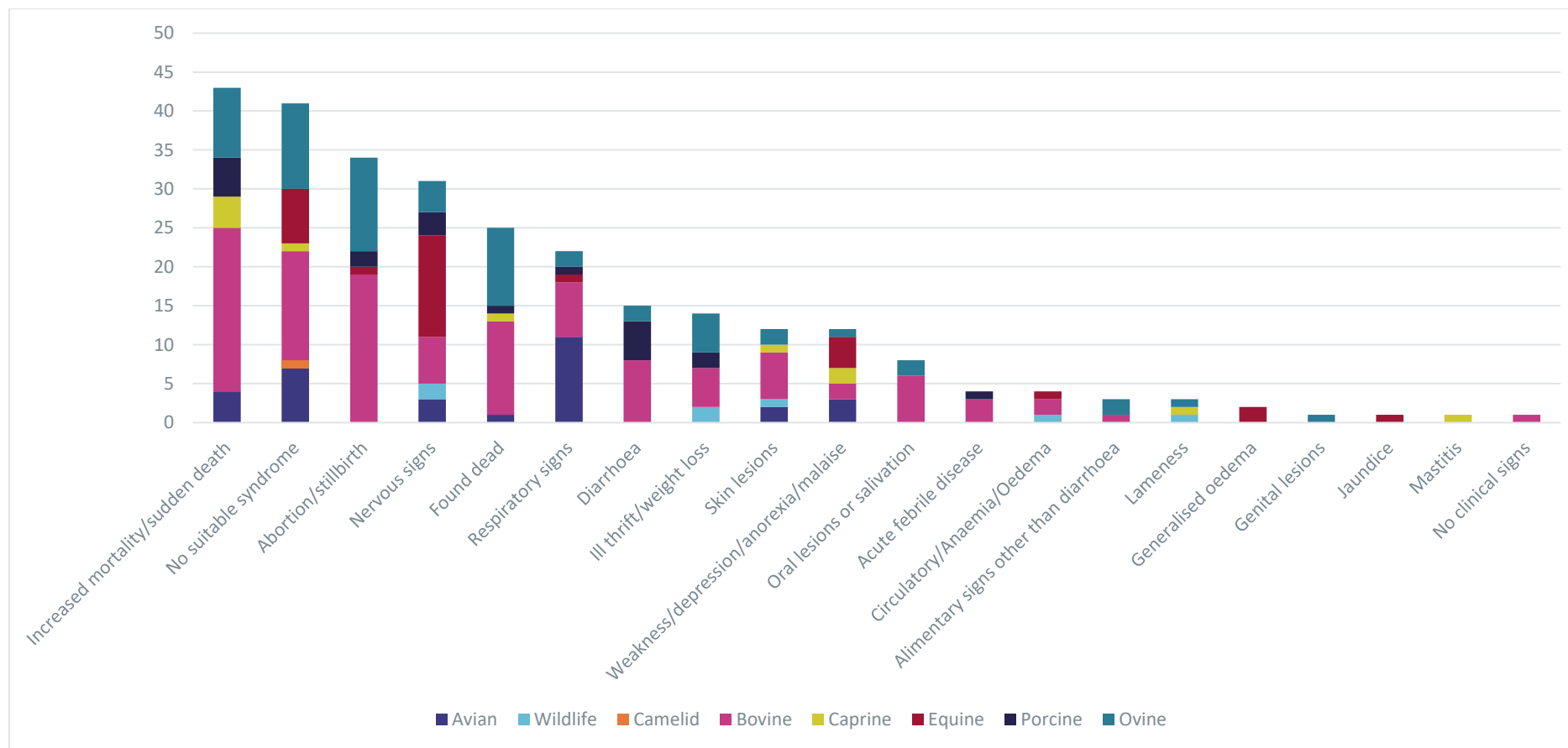


Figure 6 Number of NSDIP investigations reported by syndrome and species, 1 July 2022 to 30 June 2023.

*Other refers to domestic animal species

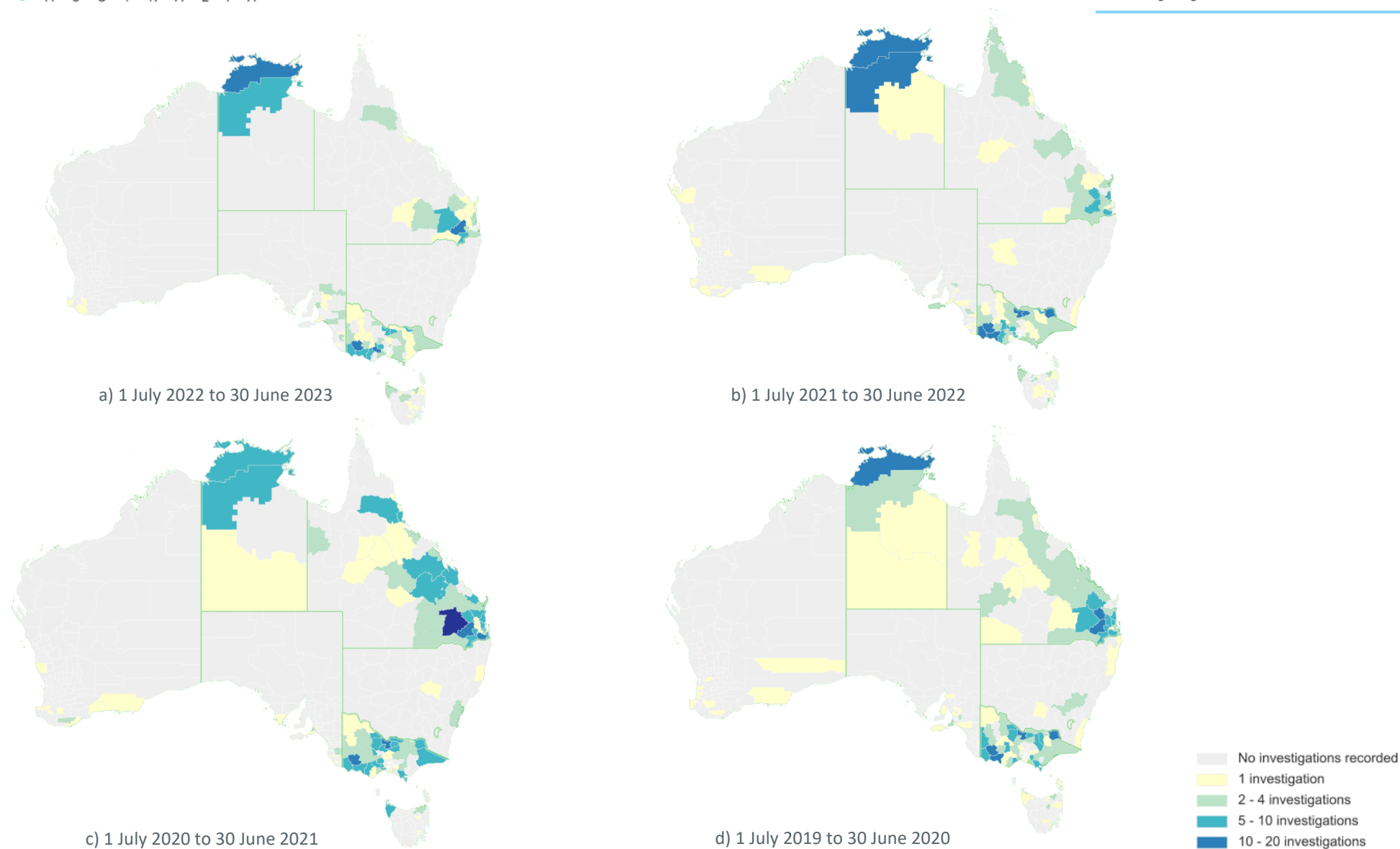


Figure 7 Maps showing the number of investigations undertaken with support through the NSDIP, by local government area (or equivalent) by year.

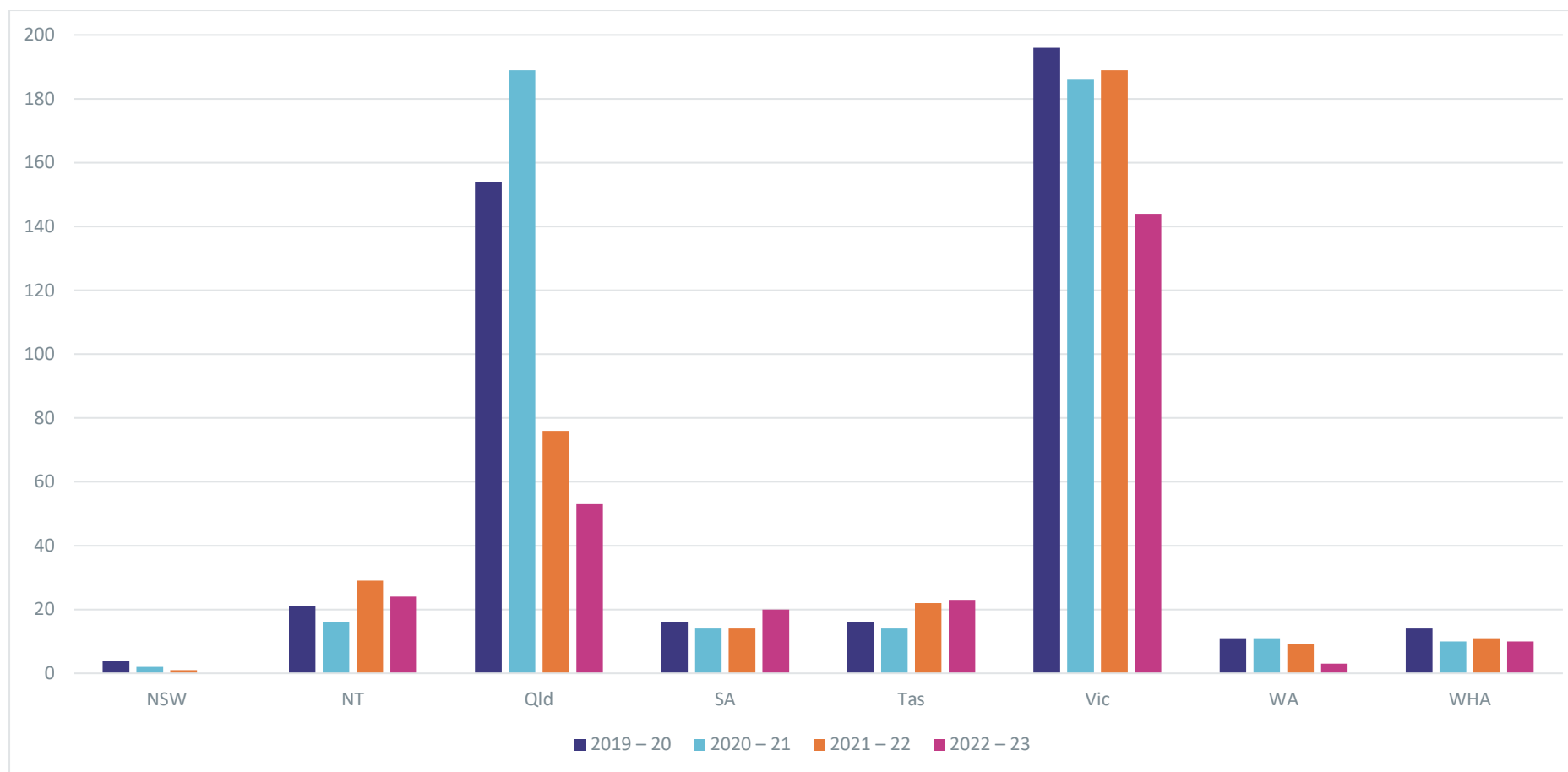


Figure 8 Number of investigations undertaken with support through the NSDIP, by jurisdiction from July 2019 to June 2023.

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

National notifiable disease	Number of exclusions
African horse sickness	2
African swine fever	6
Anthrax	16
Aujeszky's disease	4
Australian bat lyssavirus	5
Avian influenza	24
Avian paramyxovirus	3
Bluetongue	2
Bovine babesiosis	1
Bovine virus diarrhoea Type 2	9
<i>Brucella</i> spp.	2
<i>B. abortus</i>	13
<i>Chlamydophila abortus</i> (enzootic abortion of ewes, ovine chlamydiosis)	2
Classical swine fever	6
Enzootic bovine leucosis	3
Equine arteritis virus	2
Eastern, Western or Venezuelan equine encephalomyelitis viruses	2
Equine herpesvirus-1	8
Equine influenza virus	2
Foot-and-mouth disease	13
Hendra	19
Influenza A virus in swine	1
Japanese encephalitis virus	34
Lumpy skin disease virus	6
Malignant catarrhal fever (wildebeest associated)	1
<i>Mycobacterium avium</i>	1
<i>Mycobacterium bovis</i>	1
Mycoplasmosis	5
Newcastle disease	19
Paratuberculosis - Johne's disease	5
Peste des petits ruminants	3
Porcine epidemic diarrhoea virus	1
Porcine reproductive and respiratory syndrome	3
Rabies virus	1
Rift valley fever	1
<i>Salmonella</i> spp.	12
<i>Salmonella abortus-ovis</i>	1
Scrapie	1
Screw-worm fly	1
Surra	2
Transmissible spongiform encephalopathies	4
Transmissible gastroenteritis coronavirus	1
Vesicular stomatitis virus	10
West Nile virus	17