

FOR INFORMATION

NSDIP Advisory Committee Annual Meeting 2024

Agenda Item 1.2

Last updated: 18 October 2024

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National Significant Disease Investigation Program Status Report 2023-24

RECOMMENDATION

1. That the NSDIP Advisory Committee NOTE the program status report and performance for 2023-24

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 2023-24 were
 - Ongoing support of veterinary investigations and support of jurisdictions in training veterinarians to undertake effective disease investigations.

DISCUSSION

4. Financial summary

The total budget for the NSDIP, as approved by members in the 2023-24 AHA Annual Operating Plan was \$319,712 (EX GST). At the end of June 2024, the total expenditure was within budget with an overall expenditure of \$275,934 (Ex GST) (Figure 1).

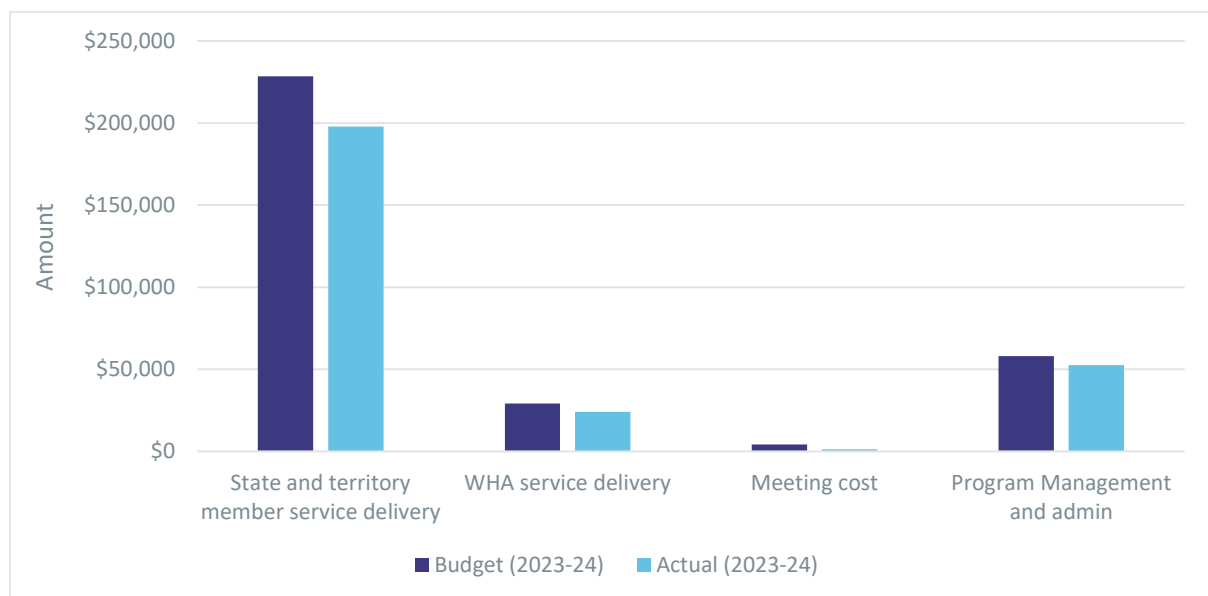


Figure 1 Project financial summary 2023-2024¹

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 2023-24	Target	Outcome	Comment
Significant disease investigations undertaken by non-government veterinary practitioners in collaboration with government laboratories	June 2024	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 2024	Complete	WHA continue to manage a wildlife sentinel veterinary clinic network. See the WHA annual report (Item 2.1) for further information.
Disease investigation training for non-government veterinary practitioners	June 2024	Complete	The program supported EAD training for PVPs in Qld and equine-specific disease investigation workshops in NSW. The program also supported the creation of video training footage for private vets encompassing sampling (ante-mortem and post-mortem) and necropsy techniques in poultry.
A National Animal Health Information System (NAHIS) data project collating administrative records of disease investigations undertaken in the Program	June 2024	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 2024	Complete	A program report was published as part of the 2023 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 2024	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

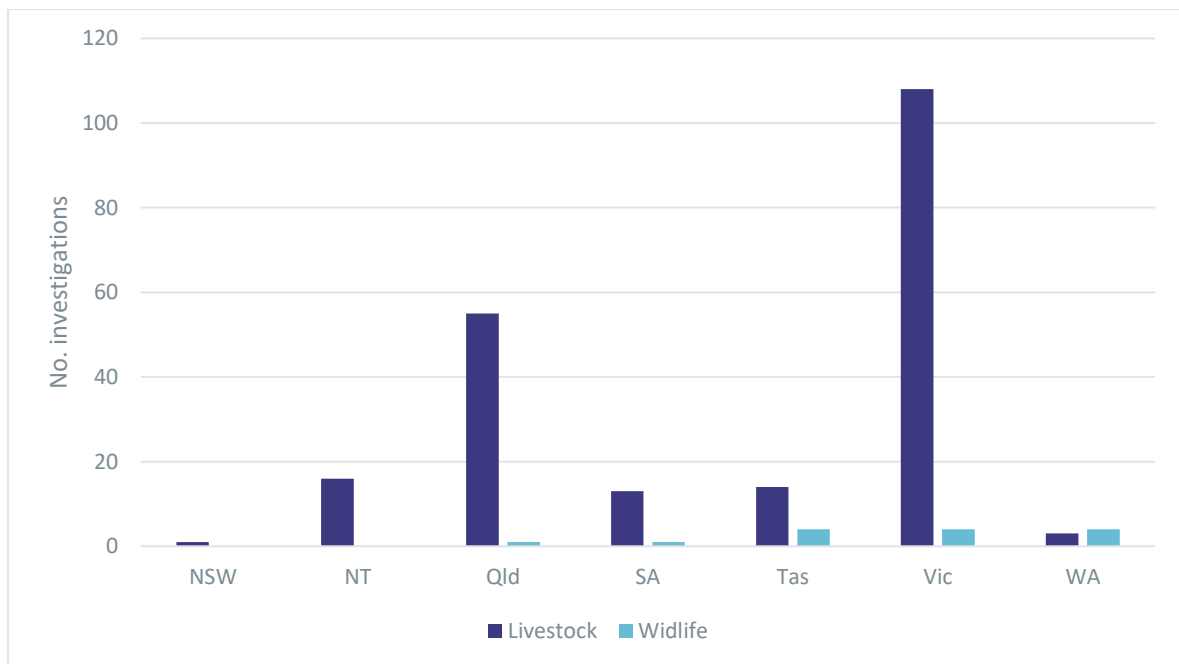


Figure 2 Number of NSDIP livestock and wildlife disease event investigations, by jurisdiction, 1 July 2023 to 30 June 2024

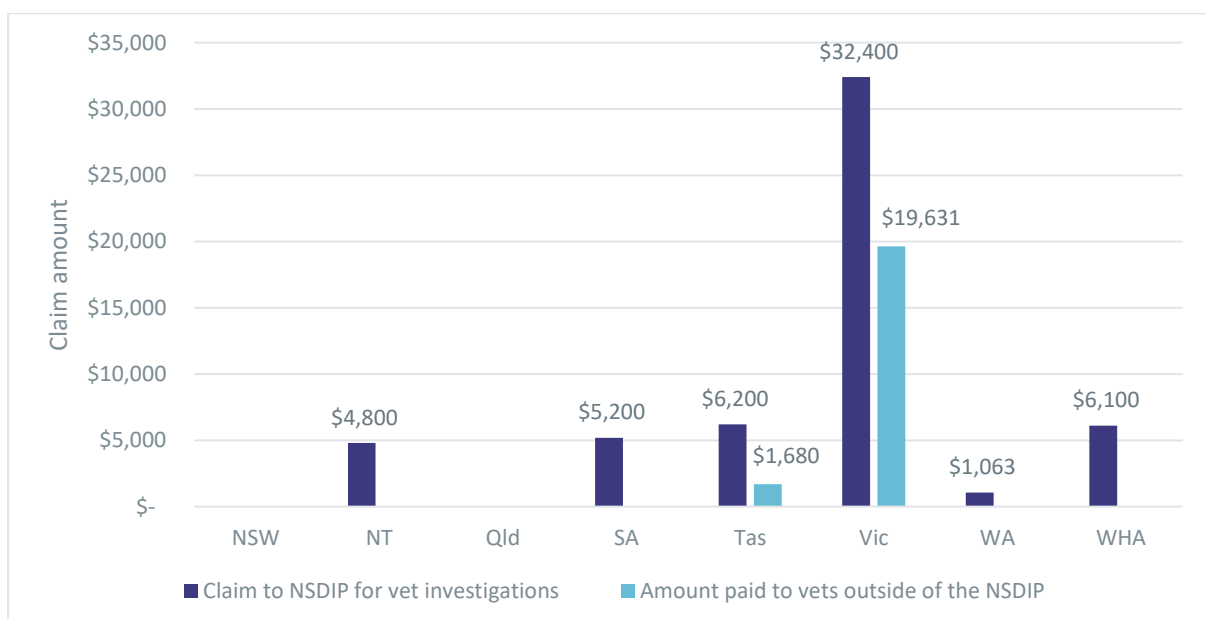


Figure 3 Amount paid for vet investigations under the NSDIP and co-contributions on designated NSDIP investigations from other sources, by jurisdiction, 1 July 2023 to 30 June 2024.

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

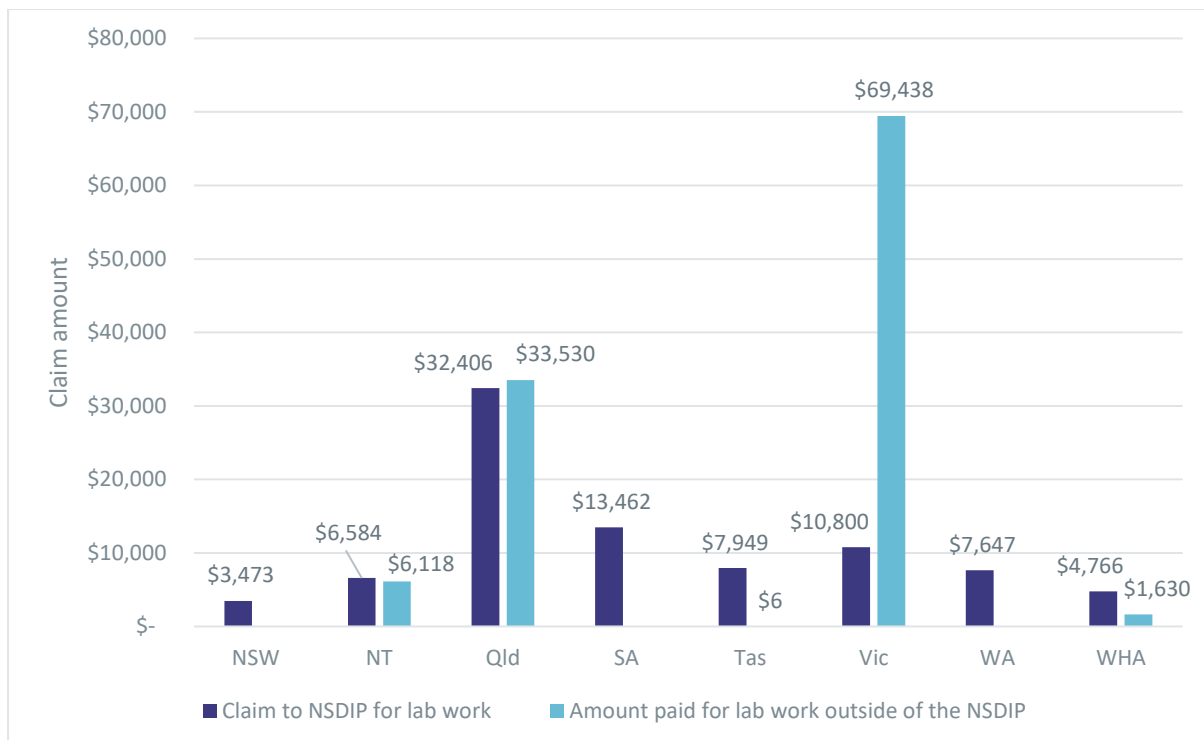


Figure 4 Amount paid for laboratory work associated with investigations under the NSDIP and co-contributions on designated NSDIP investigations from other sources, by jurisdiction, 1 July 2023 to 30 June 2024.

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

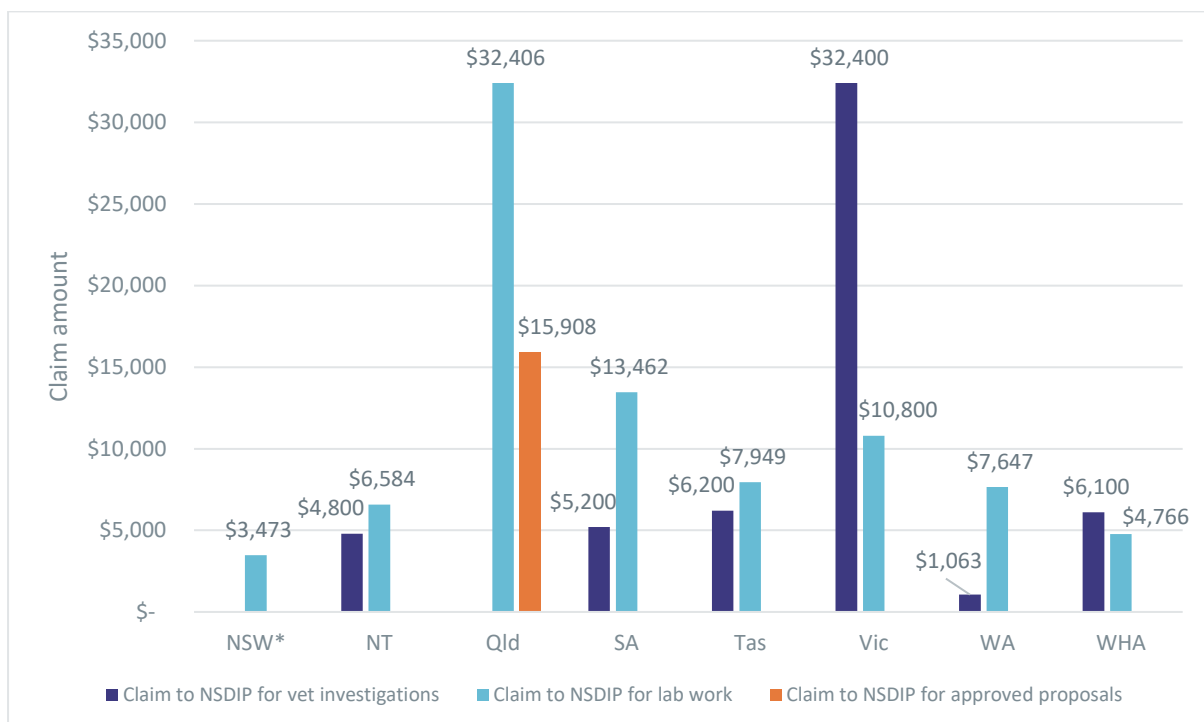


Figure 5 Amount claimed per agency on disease investigations, laboratory work and approved proposals (e.g. training) through NSDIP, 1 July 2023 to 30 June 2024.

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

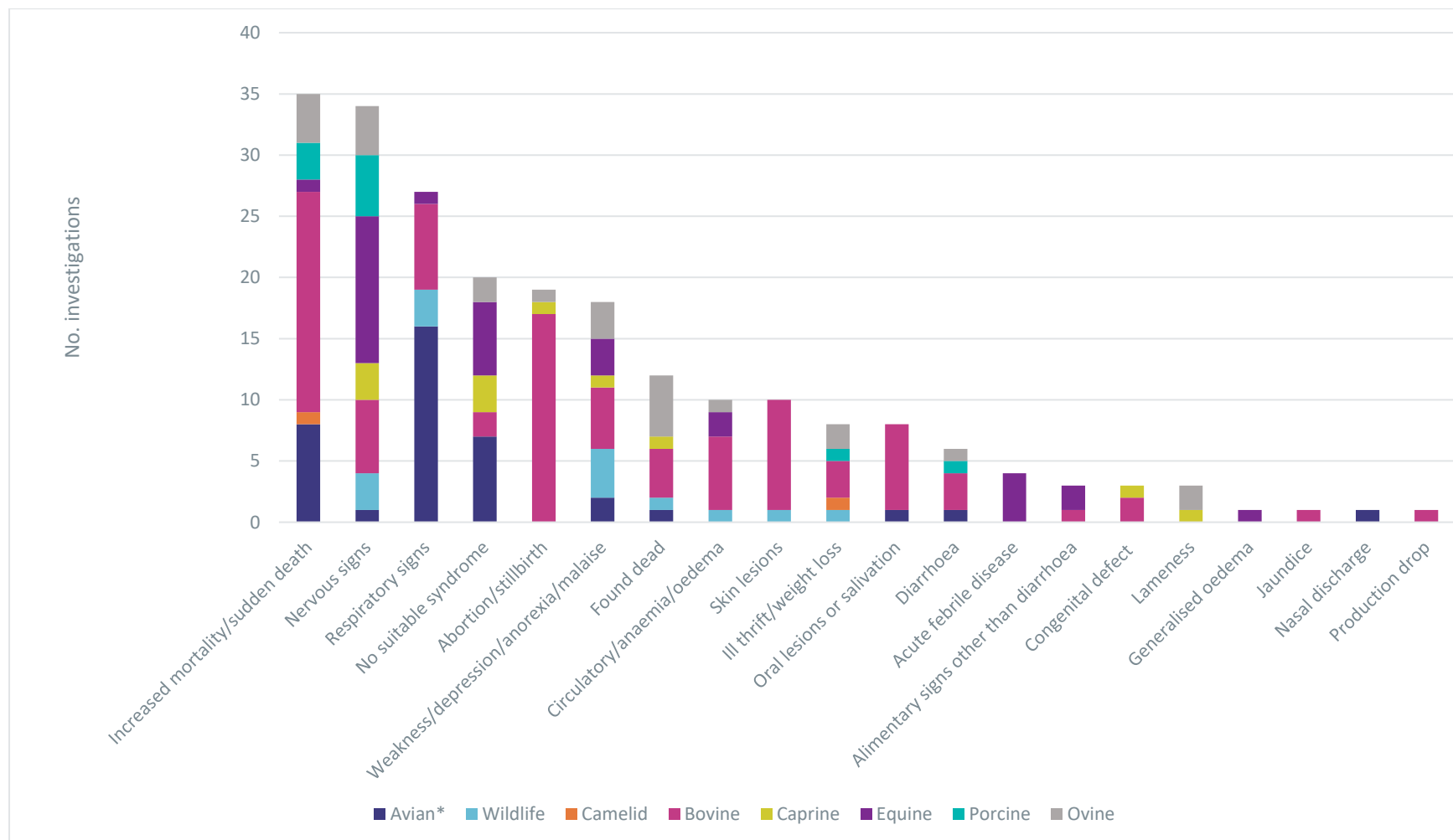


Figure 6 Number of NSDIP investigations reported by syndrome and species, 1 July 2023 to 30 June 2024.

*Domestic poultry and caged bird species.

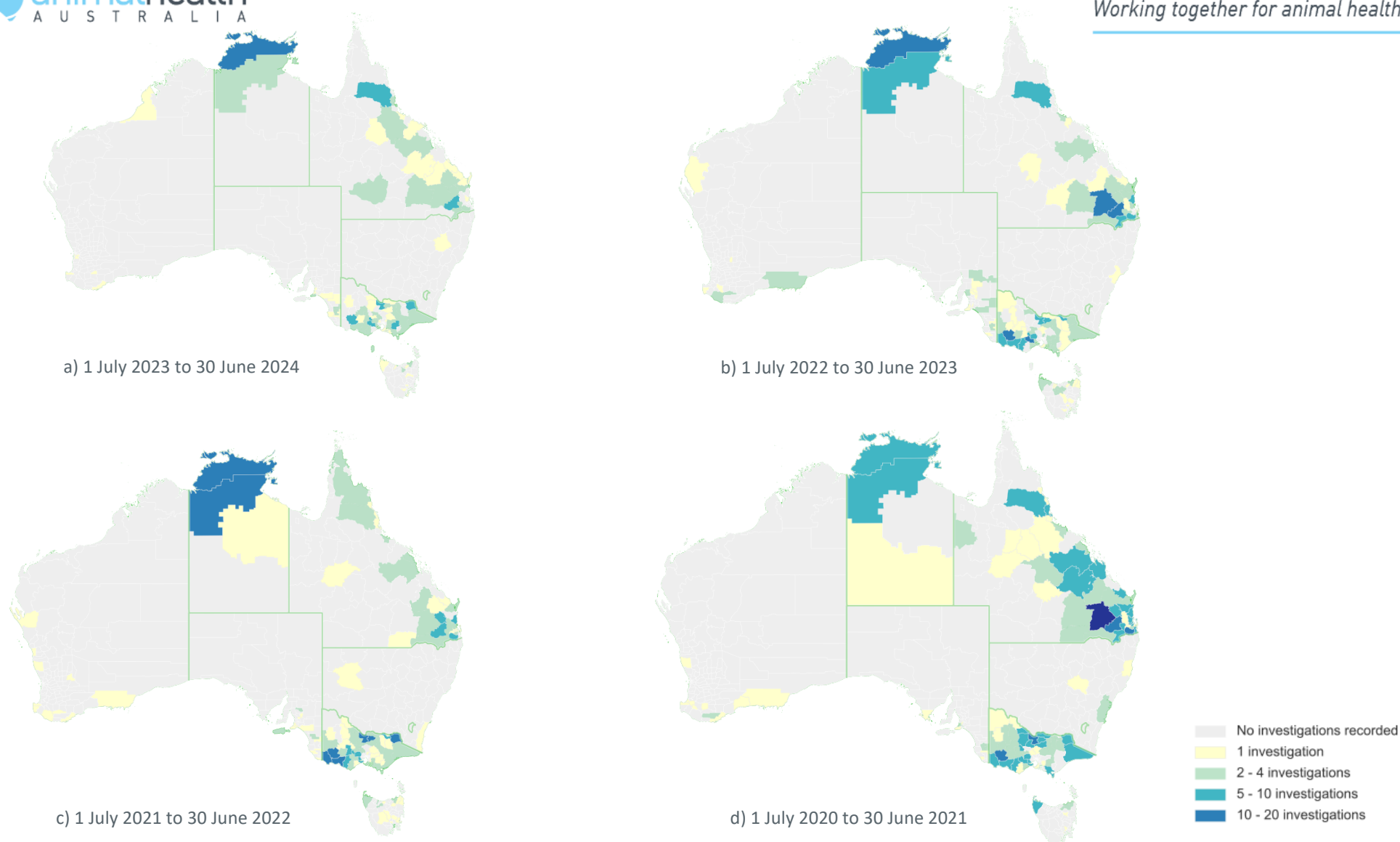


Figure 7 Maps showing the number of investigations undertaken with support through the NSDIP, by local government area (or equivalent) by year.

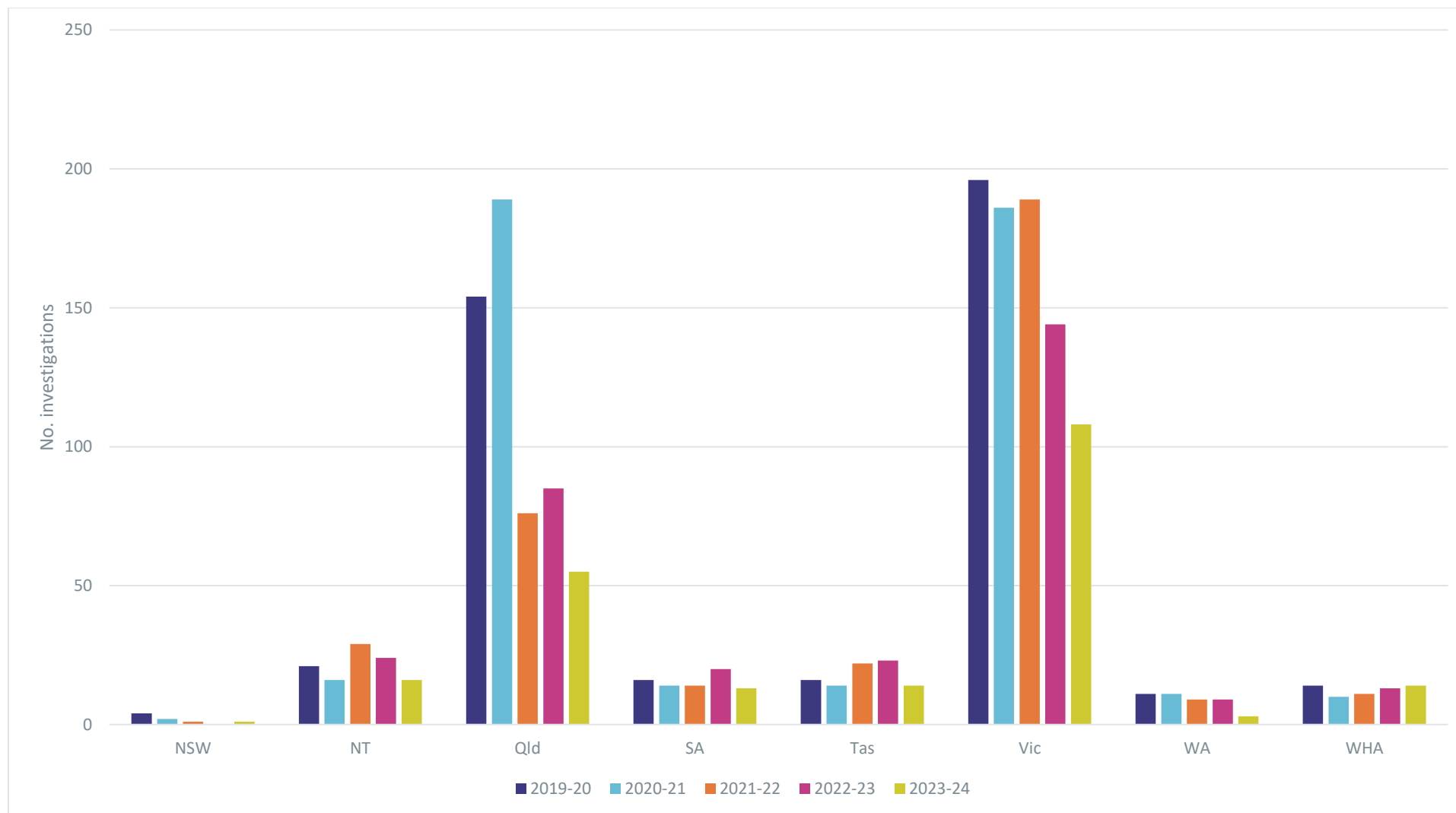


Figure 8 Number of investigations undertaken with support through the NSDIP, by jurisdiction from July 2019 to June 2024.

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

National notifiable disease	Number of exclusions
African horse sickness	8
African swine fever	5
Anthrax	11
Aujeszky's disease	2
Australian bat lyssavirus	6
Avian influenza	36
Avian paramyxovirus	1
Bluetongue	2
Bovine virus diarrhoea Type 2	7
Brucella spp.	1
B. abortus	14
Contagious bovine pleuropneumonia	1
Classical swine fever	5
Equine arteritis virus	2
Eastern, Western or Venezuelan equine encephalomyelitis viruses	3
Equine herpesvirus-1	9
Equine infection anaemia	1
Equine influenza virus	4
Equine viral arteritis	1
Foot-and-mouth disease	12
Hendra	23
Influenza A virus in swine	1
Japanese encephalitis virus	32
Lumpy skin disease virus	8
Malignant catarrhal fever (wildebeest associated)	1
Newcastle disease	33
Paratuberculosis - Johne's disease	2
Porcine reproductive and respiratory syndrome	1
Post-weaning multisystemic wasting syndrome	1
Salmonella spp.	1
Teschovirus encephalomyelitis	2
Transmissible spongiform encephalopathies	6
Vesicular stomatitis virus	9