

FOR INFORMATION

NSDIP Advisory Committee Annual Meeting 2020

Agenda Item 1.2

Last updated: 3 September 2020

Prepared by E Sears

National Significant Disease Investigation Program (NSDIP) Project Status Report

Project Code: 7003
Responsible person: Emily Sears, Program Manager
Funding: Core Funded
Timeframe for the project: Ongoing

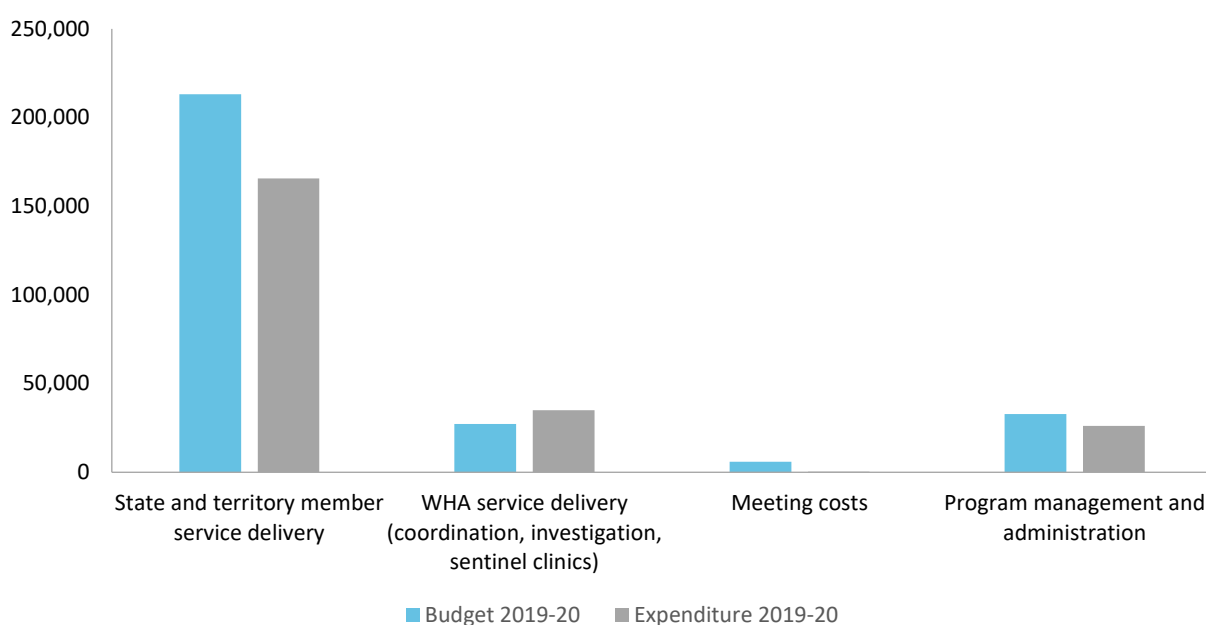


Figure 1 Project financial summary 2019-2020¹

The total budget for NSDIP, as approved by members in the 2019-20 AHA Annual Operating plan was \$279,114. At the end of June 2020, the total expenditure was within budget with an overall expenditure of \$227,174. COVID-19 travel restrictions meant that previously agreed and planned disease investigation training for Queensland was not able to be conducted in the 2019-20 year and resulted in an underspend in the 2019-20 year. Funds will be made available in 2020-21 to allow for the postponed activity to be caught up.

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 performance²

Key outputs/deliverables 2019-20-	Target	Outcome	Comment
Significant disease investigations undertaken by non-government veterinary practitioners in collaboration with government laboratories.	June 2020	Complete	Details of disease investigations undertaken are outlined in Figure 1-6.
Participation of sentinel veterinary clinics in a surveillance network for wildlife disease.	June 2020	Complete	WHA continues to manage a wildlife sentinel veterinary clinic network, with eight clinics currently involved. Refer to agenda Item 2.1 for further information.
Disease investigation training for non-government veterinary practitioners.	June 2020	Delayed	Face to face animal disease investigation training in 2019-20 was delayed due to human biosecurity restrictions resulting from COVID-19.
A National Animal Health Information System (NAHIS) data project collating administrative records of disease investigations undertaken in the Program.	June 2020	Complete	AHA has maintained a discrete data project for the NSDIP within the NAHIS.

Table 2 Key achievements and operational issues

Key achievements or operational issues	Strategies for addressing operational issues (include a date if required)	Resolved (Y/N)
Achievement		
Toward national adoption	Seven of seven jurisdictions and WHA utilising funds in 2018-19. Budget utilisation was significantly improved compared to prior years.	n/a
Operational Issues		
Some jurisdictions are reporting difficulties in receiving information and invoices from private vets.	Going forward for 2018-19 greater detail is required for assessing training activities and ensuring that the outcomes are related to the objectives of the NSDIP. Further discussion to be held at the 2018 Annual Meeting.	N

² AHA Annual Operating Plan 2019-20 and Annual Report 2019-20

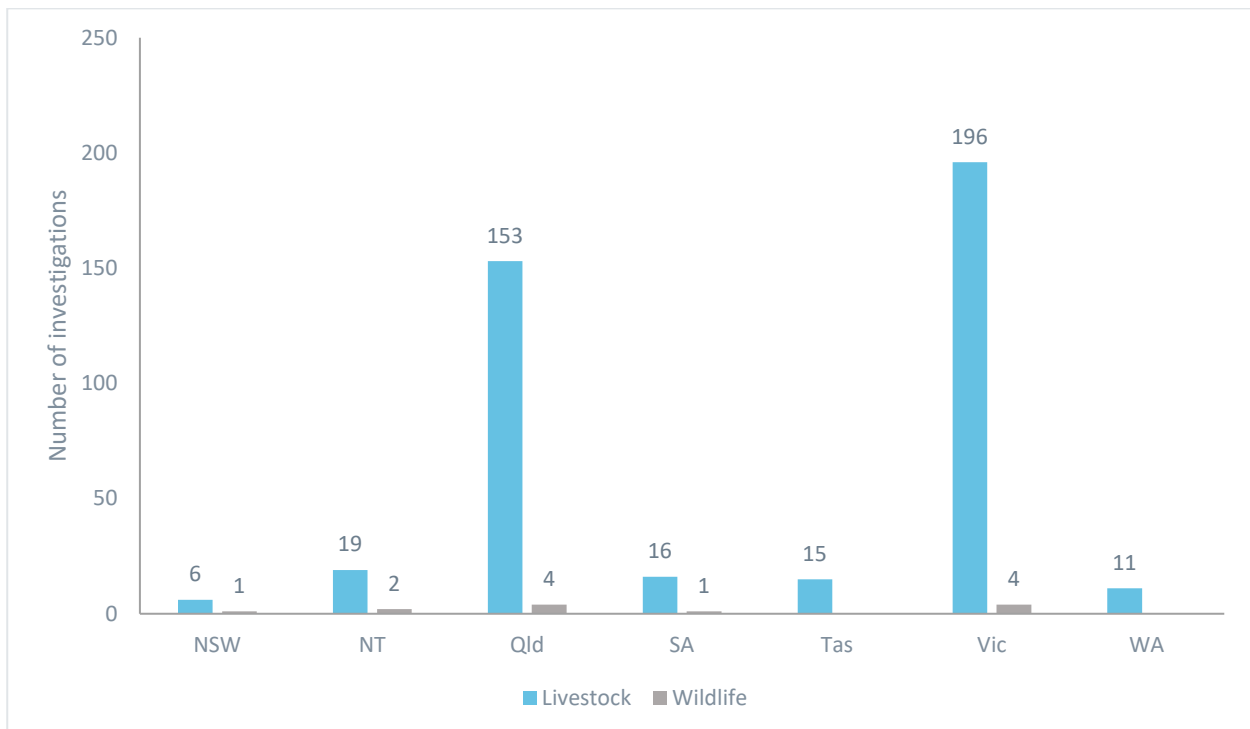


Figure 2 Number of NSDIP livestock and wildlife disease event investigations, by jurisdiction, 1 July 2019 to 30 June 2020

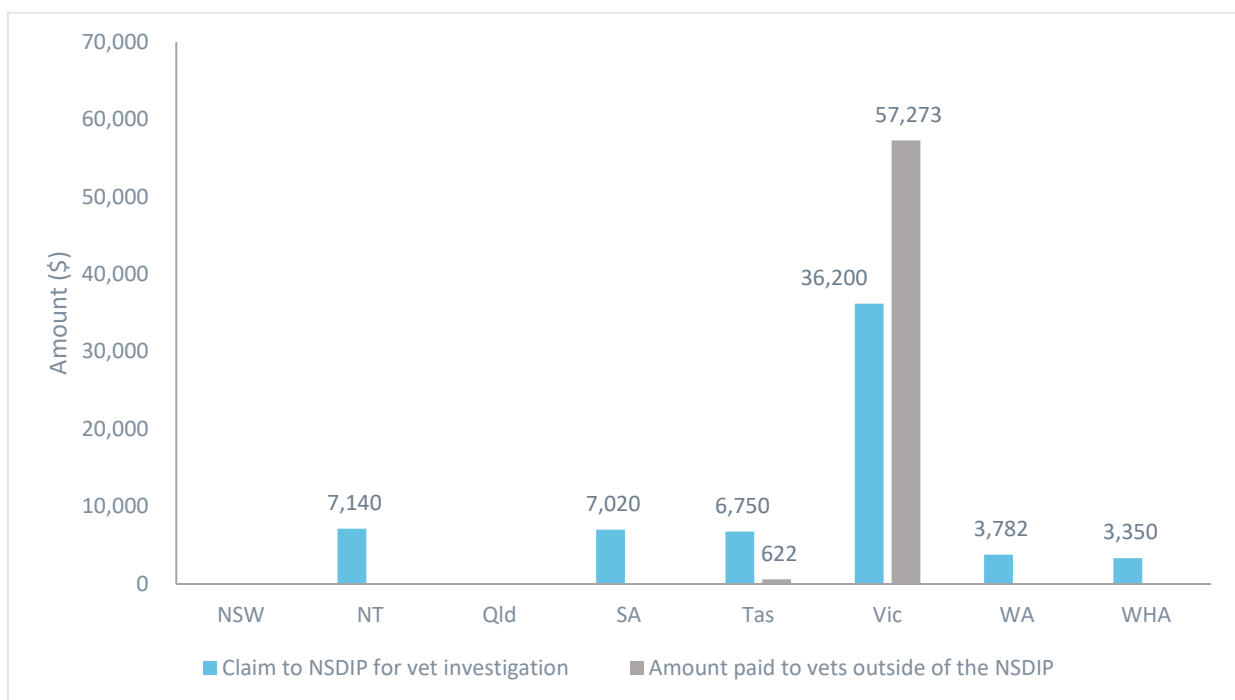


Figure 3 Amount paid for vet investigations under the NSDIP and through other sources of funding, by jurisdiction, 1 July 2019 to 30 June 2020

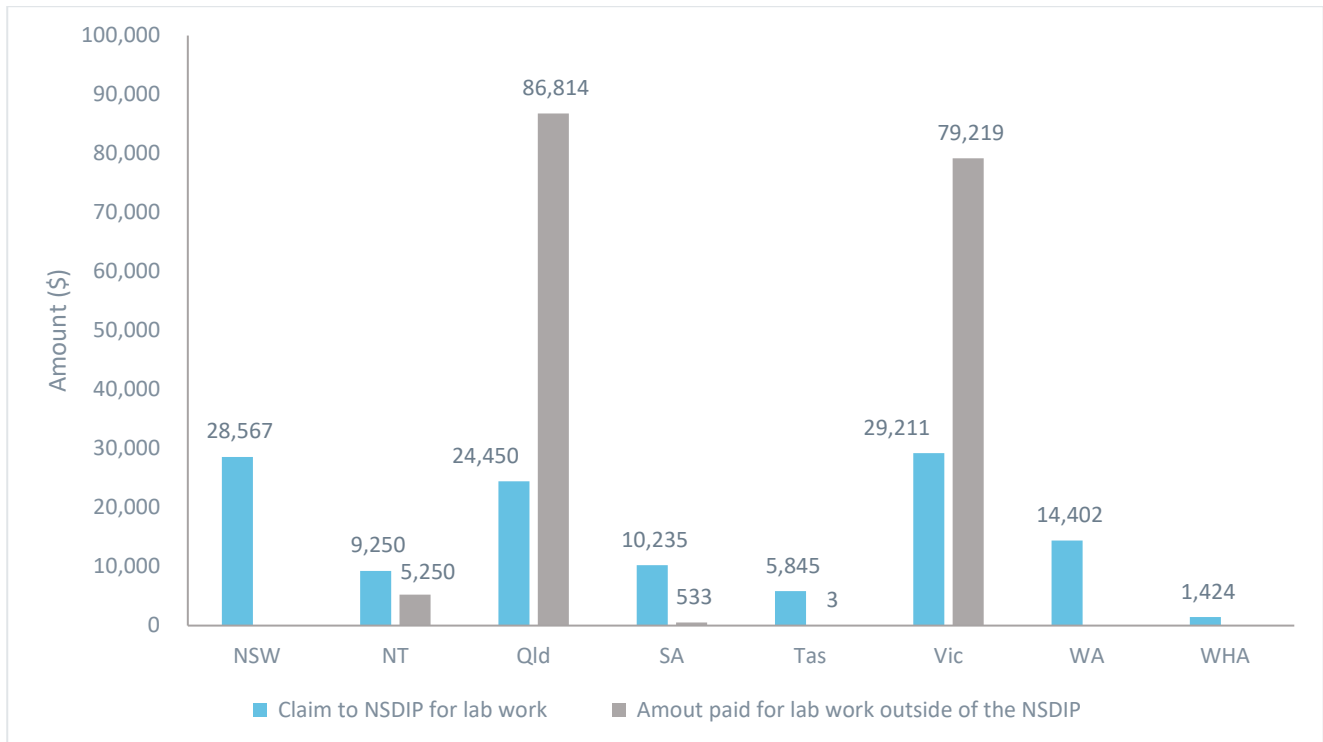


Figure 4 Amount paid for laboratory work for NSDIP investigations and source of funding, by jurisdiction, 1 July 2019 to 30 June 2020

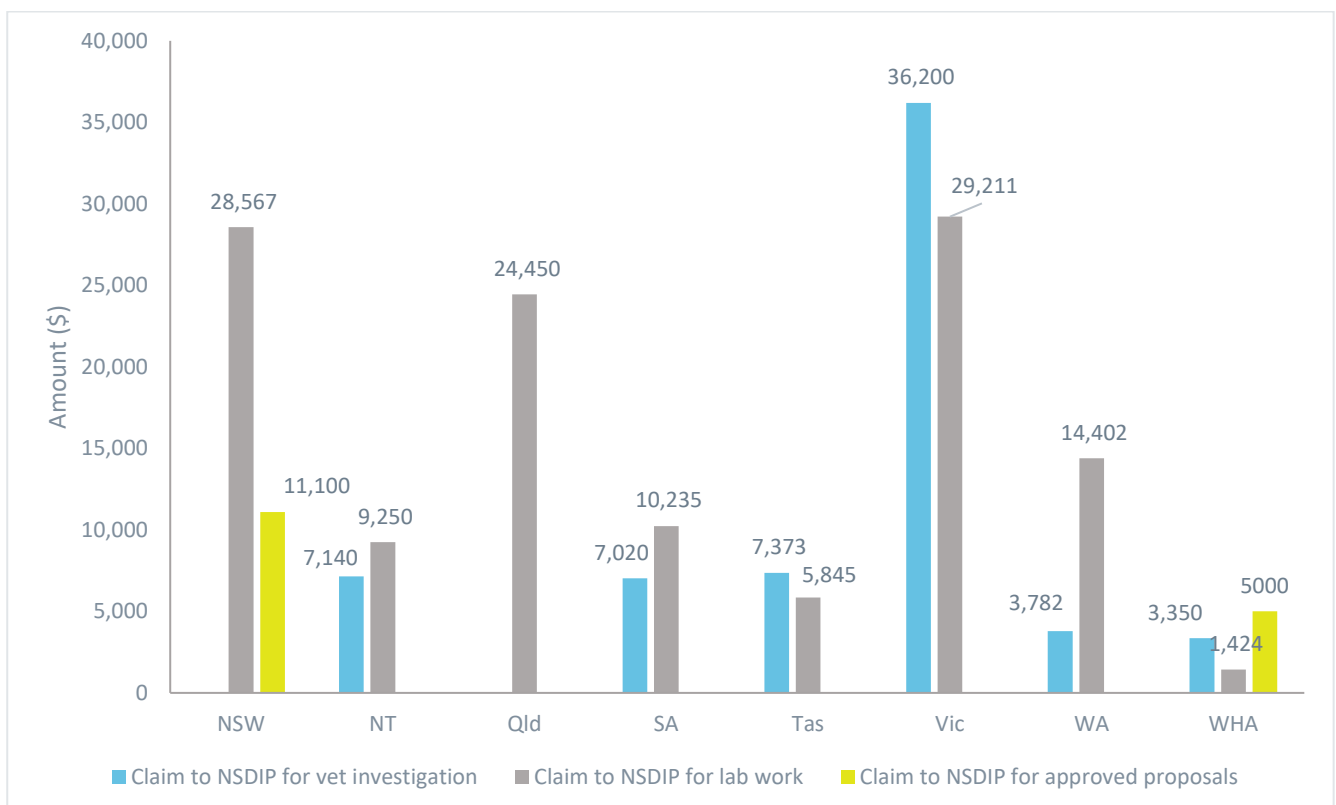


Figure 5 Amount claimed per agency on disease investigations, laboratory work and approved proposals (e.g. training), 1 July 2019 to 30 June 2020

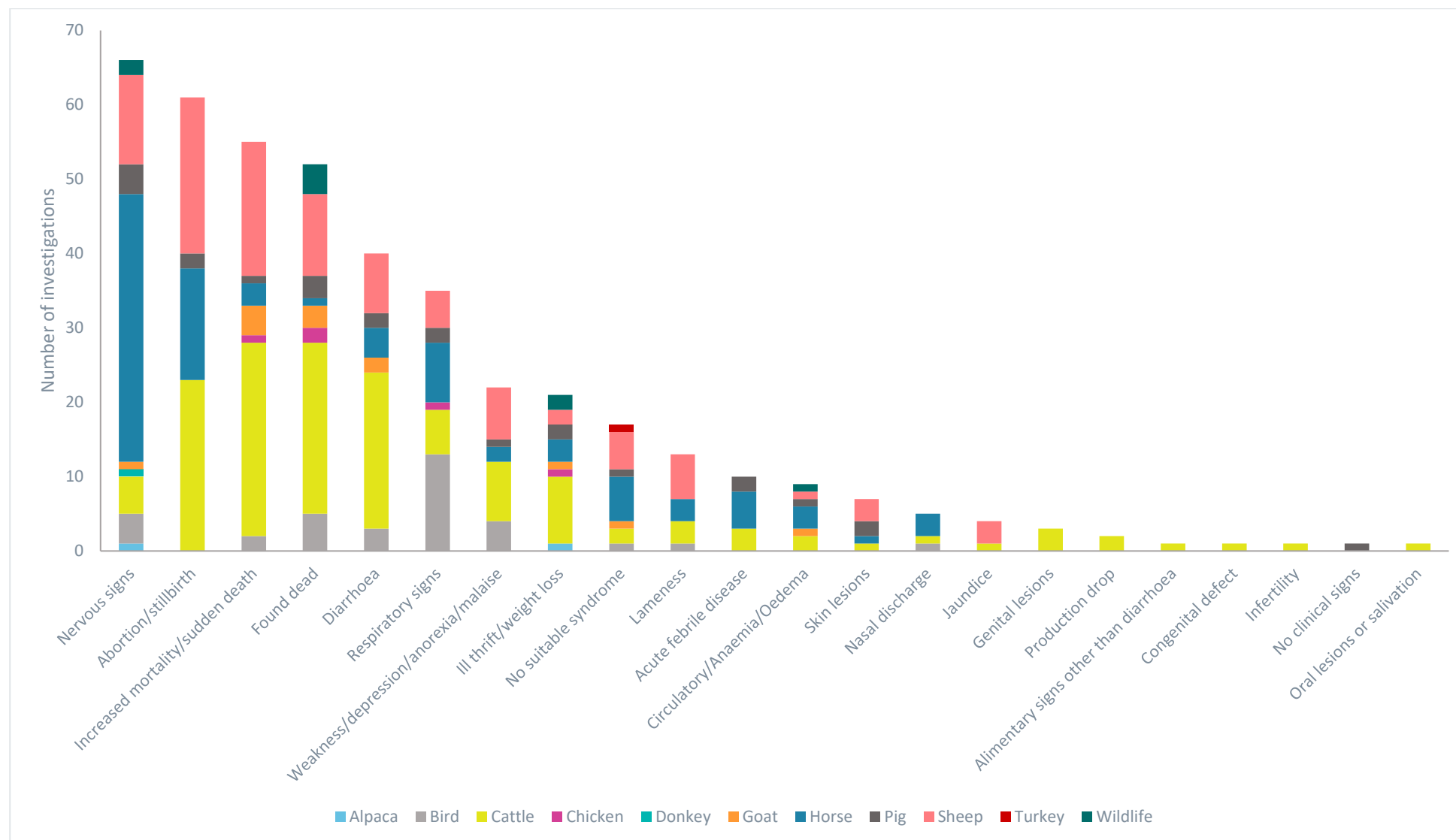


Figure 6 Number of NSDIP investigations reported by syndrome and species, 1 July 2018 to 30 June 19

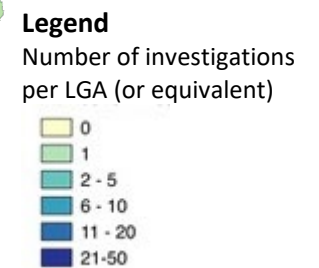
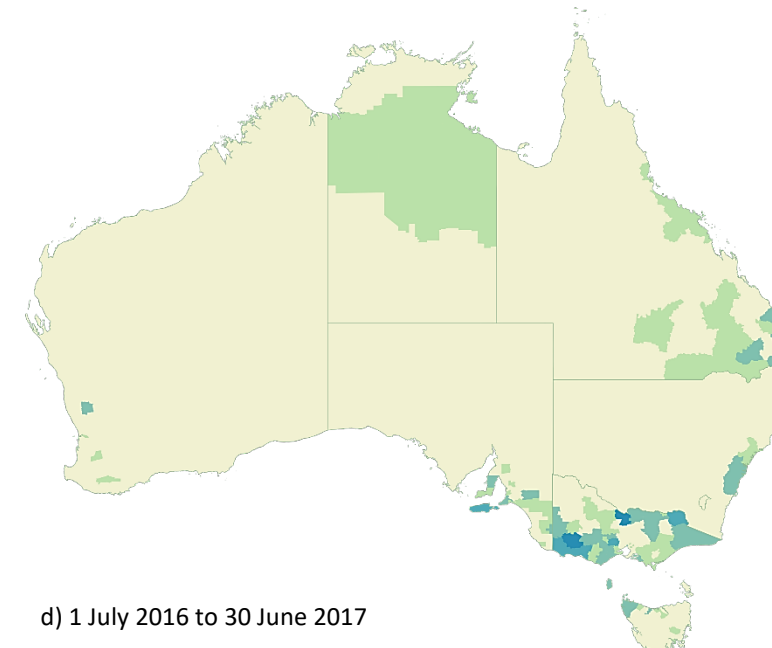
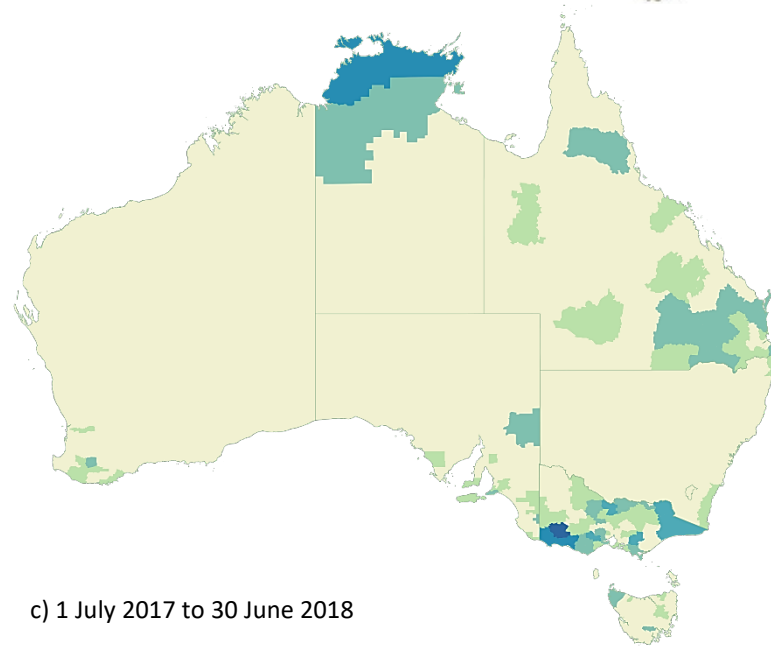
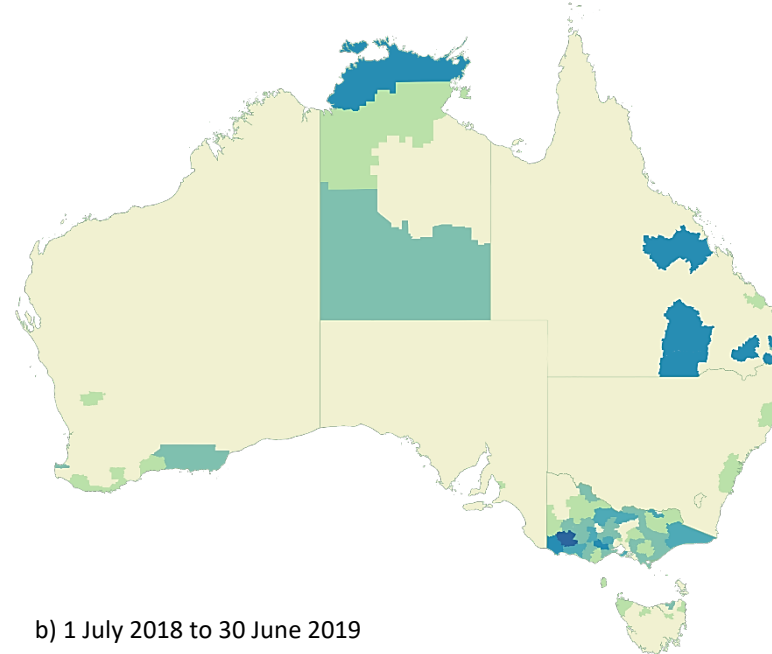
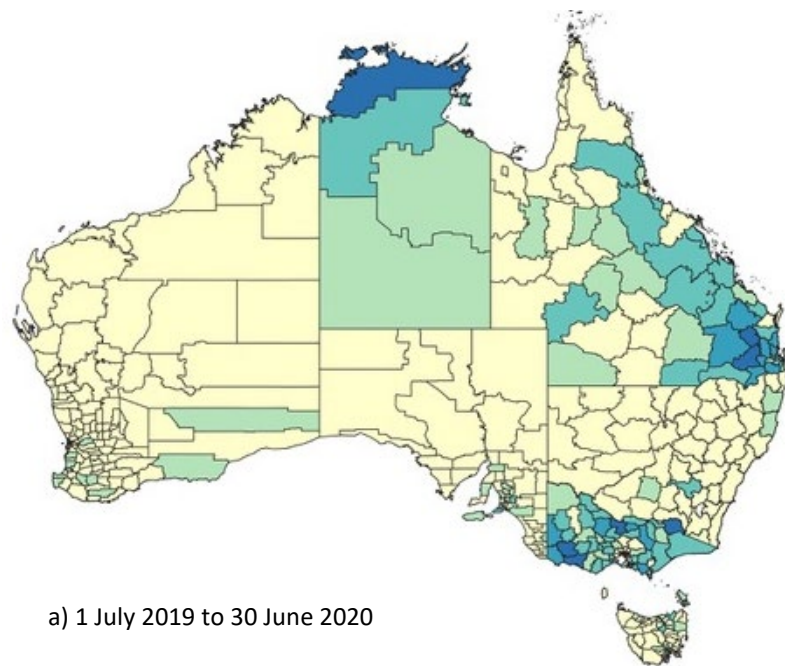


Figure 7 Maps showing the number of investigations undertaken as part of the NSDIP, by local government area (or equivalent), by period

Table 3

National Notifiable Disease	Number of exclusions
African horse sickness	2
African swine fever	18
Anthrax	29
Aujeszky's disease	1
Australian bat lyssavirus	34
Avian influenza	41
B. abortus	19
B. suis	2
Bluetounge	7
Borna disease	2
Bovine Babesiosis	1
Bovine virus diarrhoea Type 2	16
Brucellosis	7
Classical swine fever	17
Contagious bovine pleuropneumonia	2
Duck enteritis virus	1
Duck hepatitis virus	1
Eastern, Western or Venezuelan equine encephalomyelitis viruses	12
Encephalitides (tick-borne)	1
Enzootic bovine leucosis	2
Equine arteritis virus	6
Equine herpesvirus-1	74
Equine infectious anaemia virus	8
Equine influenza virus	4
Food-and-mouth disease	11
Heartwater	1
Hendra	70
Influenza A	1
Japanese encephalitis	13
Malignant catarrhal fever (wildebeest associated)	4
Mycobacterium paratuberculosis	20
Mycobacterium tuberculosis	1
Mycoplasma spp.	3
Newcastle disease	35
Peste des petits ruminants	2
Porcine epidemic diarrhoea virus	1
Porcine reproductive and respiratory syndrome	1
Rabies	1
S. abortus-equi	1
S. abortus-ovis (Salmonellosis)	7
Screw-worm fly	1
Sheep pox	1
Teschovirus	1
Theileria parva (East Coast fever)	1
Transmissible spongiform encephalopathies	7
Transmissible gastroenteritis coronavirus	1
Vesicular stomatitis virus	7
West Nile virus	18