

SA Health Online Immunisation Education Programs

Summary of programs:
registration and evaluation data
1 Nov 2018 – 31 Oct 2019



Government
of South Australia

SA Health

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Overview

SA Health has developed a suite of online immunisation education programs for health professionals. The courses provide information that will assist health professionals providing an immunisation service and provides readily accessible comprehensive and affordable education to maintain the level of knowledge, skills and professionalism required to deliver a safe immunisation service.

Maintaining currency of course content and implementing course enhancements is undertaken by the Immunisation Section, Communicable Disease Control Branch, Department for Health and Wellbeing. The online courses have been developed and are hosted through Digital Media (DM), a core part of the Centre for Education and Training, Women's and Children's Health Network, SA Health.

Support for learners completing the programs is available from the Immunisation Section; by experienced registered nurses who have all worked, or are currently working, as immunisation providers in the community. Learner support was provided to users during the reporting period 1 November 2018 to 31 October 2019:

- > Responses by email – 535
- > Phone calls received and made – 671

Online Programs available:

1. *Understanding Vaccines and the National Immunisation Program*
2. *Understanding Vaccines for Midwives: Vaccination requirements during pregnancy and early childhood*
3. *Understanding vaccines and adult vaccination requirements for workplace programs*
4. *Immunisation: a training course for GPs*

Historical data on course purchases is available on request to the Immunisation Section, SA Health.

Course details

Understanding Vaccines and the National Immunisation Program

This comprehensive online education program has been available nationally for purchase since 2014 and contains four learning modules:

- > Module 1: Microbiology, immunology and vaccines
- > Module 2: Vaccine preventable diseases and associated vaccines available in the National Immunisation Program
- > Module 3: Aboriginal people and other groups with special vaccination requirements, the legal and ethical considerations for immunisation practice, vaccine safety and adverse events
- > Module 4: Vaccine cold chain management, planning a catch-up schedule and delivering an immunisation service

Total registrations nationally for the reporting period, 1 November 2018 to 31 October 2019, are 2,226 (Figure 1) with the majority of registrations in Western Australia (WA), Victoria (VIC), South Australia (SA) and the Northern Territory (NT), by registered nurses and registered nurse/midwives in general practices (GP Practice) and hospitals (Figure 2 and 3).

Figure 1 – Total sales: 1 November 2018 – 31 October 2019 (n=2226)

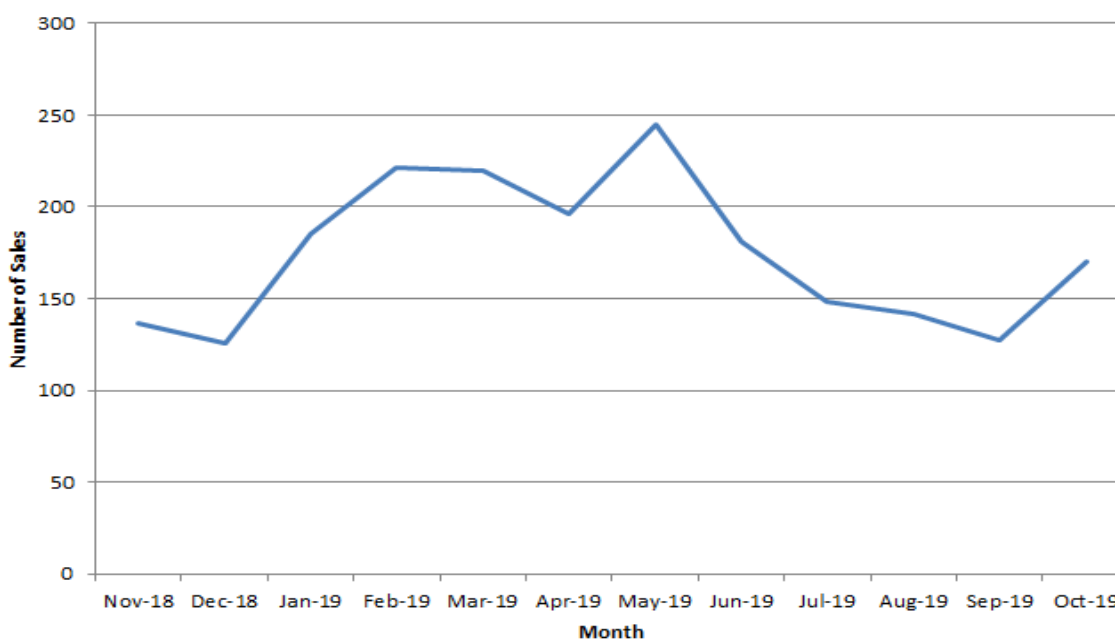


Figure 2 – Sales by state and territory: 1 November 2018 – 31 October 2019 (n=2226)

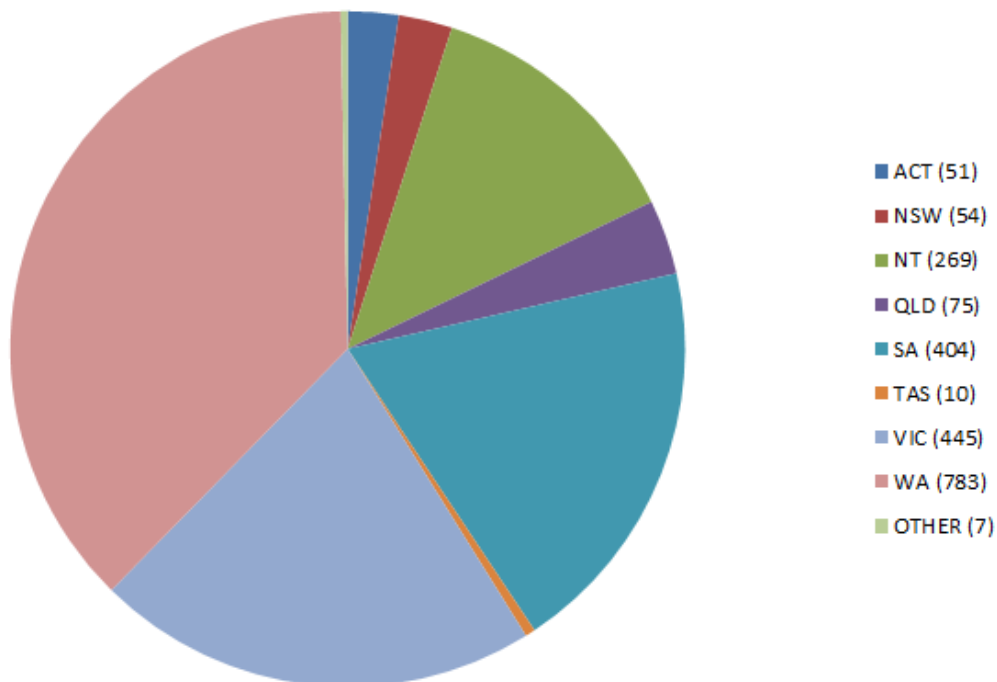
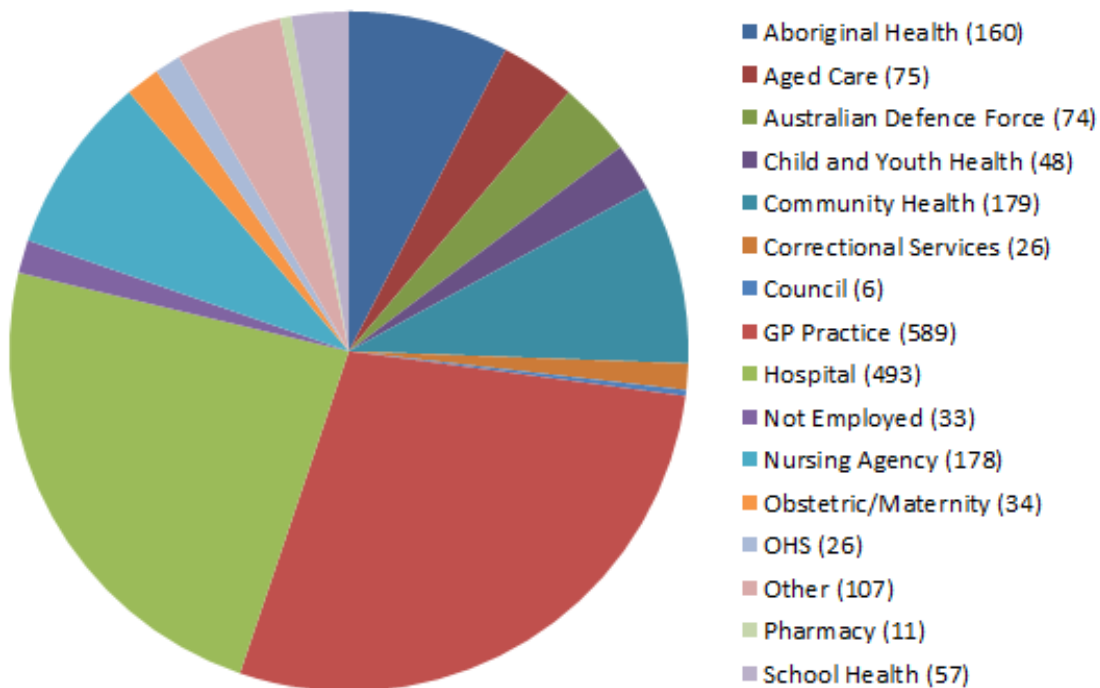


Figure 3 – Area of employment: 1 November 2018 – 31 October 2019 (n=2226)



This course is a recognised program of study leading to approved health practitioners immunising without a medical order in SA, WA, VIC and the NT, if all other conditions of the relevant legislation are met.

Understanding Vaccines for Midwives: Vaccination requirements during pregnancy and early childhood

This program was developed specifically for midwives and has been available for purchase since 2016.

Course content:

- > Module 1: Microbiology, immunology, vaccine preventable disease and the associated vaccines, primarily those routinely recommended in pregnancy
- > Module 2: Legal and ethical considerations for immunisation practice, vaccine safety, adverse events, vaccine cold chain management and delivering an immunisation service

Total registrations nationally for the reporting period, 1 November 2018 to 31 October 2019, are 104 (Figure 1) with the majority of registrations in SA, NT and WA by midwives in obstetric / maternity and hospitals (Figure 2 and 3).

Figure 1 – Total sales by month: 1 November 2018 – 31 October 2019(n=104)

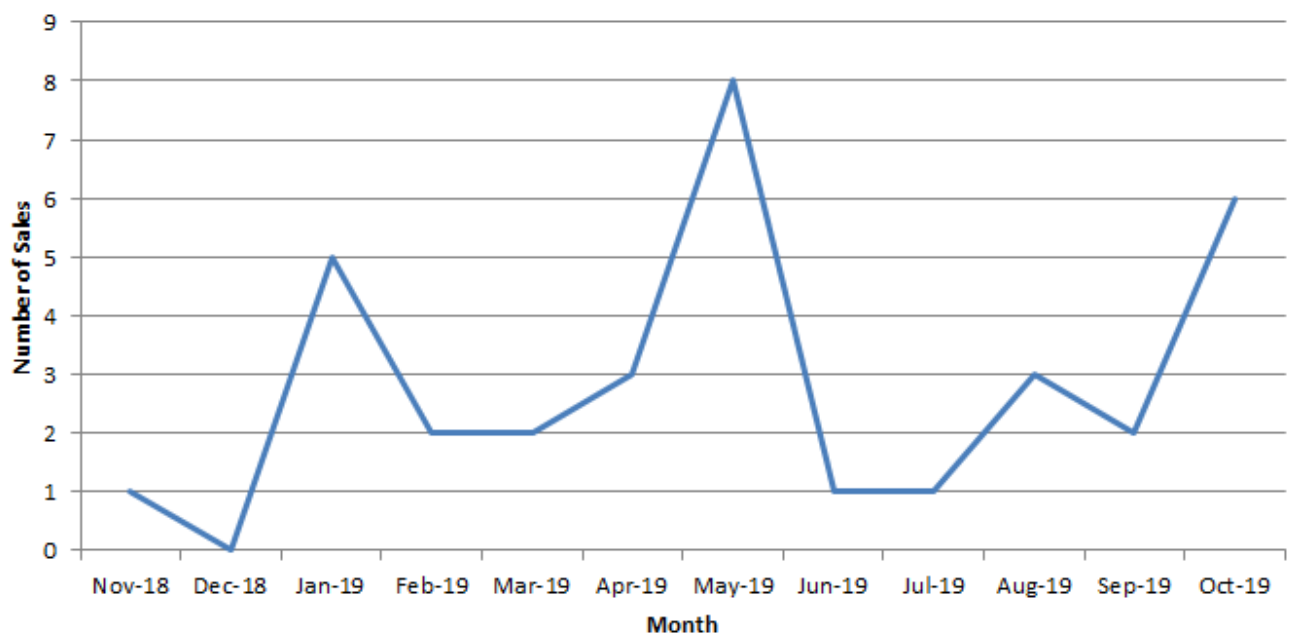


Figure 2 – Sales by state and territory: 1 November 2018 – 31 October 2019(n=104)

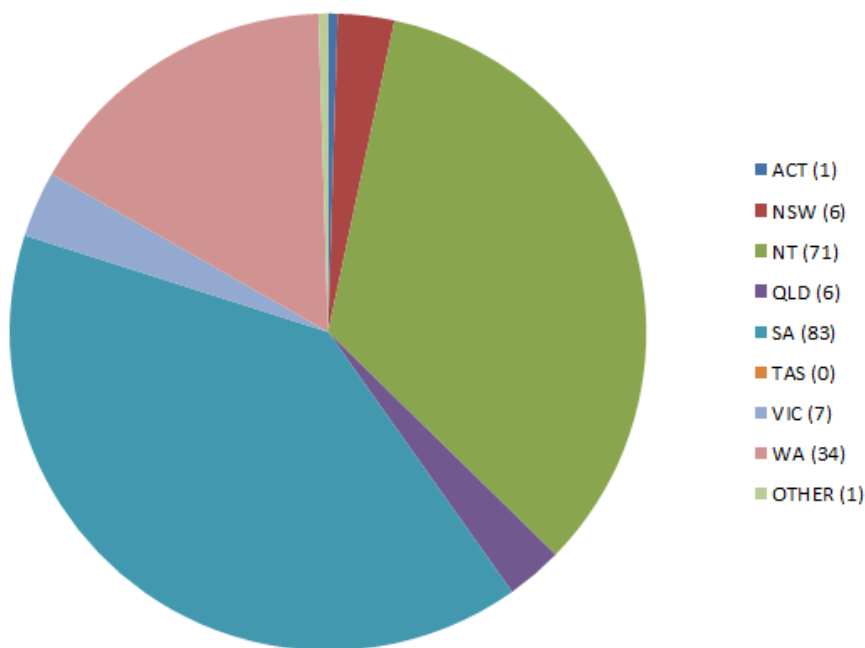
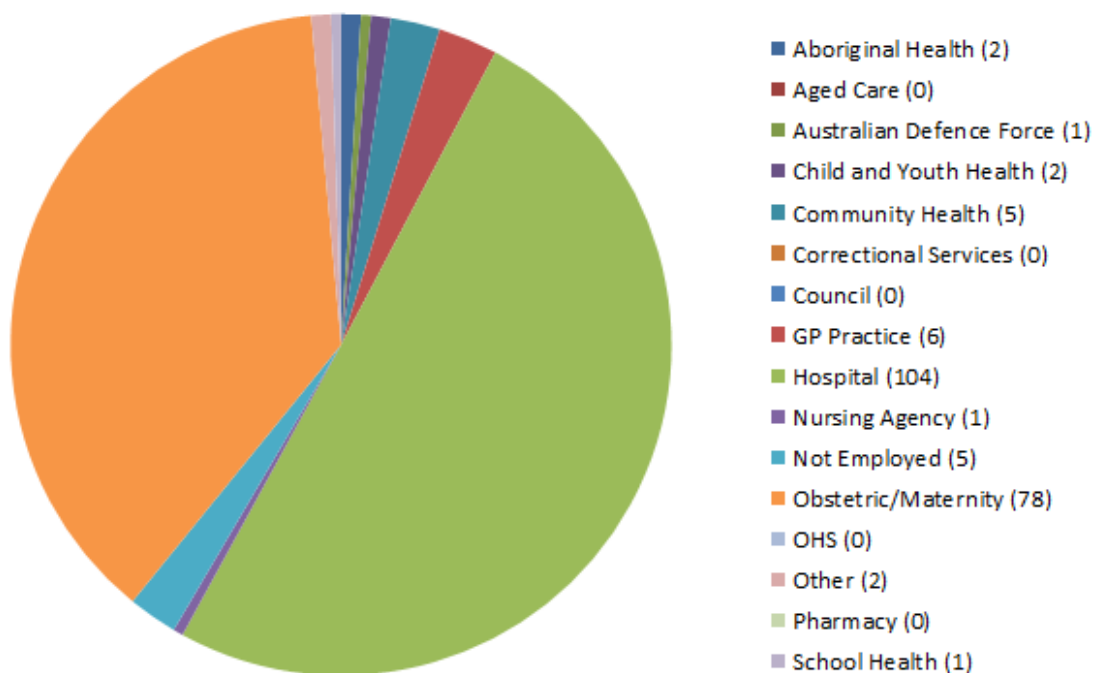


Figure 3 – Area of employment: 1 November 2018 – 31 October 2019(n=104)



This is an approved program of study leading to authorisation for Registered Midwives immunising in Western Australia and South Australia, if all other conditions of the relevant legislation are met.

Understanding vaccines and adult vaccination requirements for workplace programs

This program was developed for health professionals providing adult or occupational vaccination programs and has been available for purchase since 2016.

Course content:

- > Module 1: Microbiology, immunology and vaccines
- > Module 2: Vaccine preventable diseases and associated vaccines, primarily those recommended and administered to adults
- > Module 3: Legal and ethical considerations for immunisation practice, vaccine safety, adverse events, vaccine cold chain management and delivering an immunisation service

Total registrations nationally for the reporting period, 1 November 2018 to 31 October 2019, are 285 (Figure 1) with the majority of registrations in SA by pharmacists (SA only) (Figure 2 and 3).

Figure 1 – Total sales by Month: 1 November 2018 – 31 October 2019(n=285)

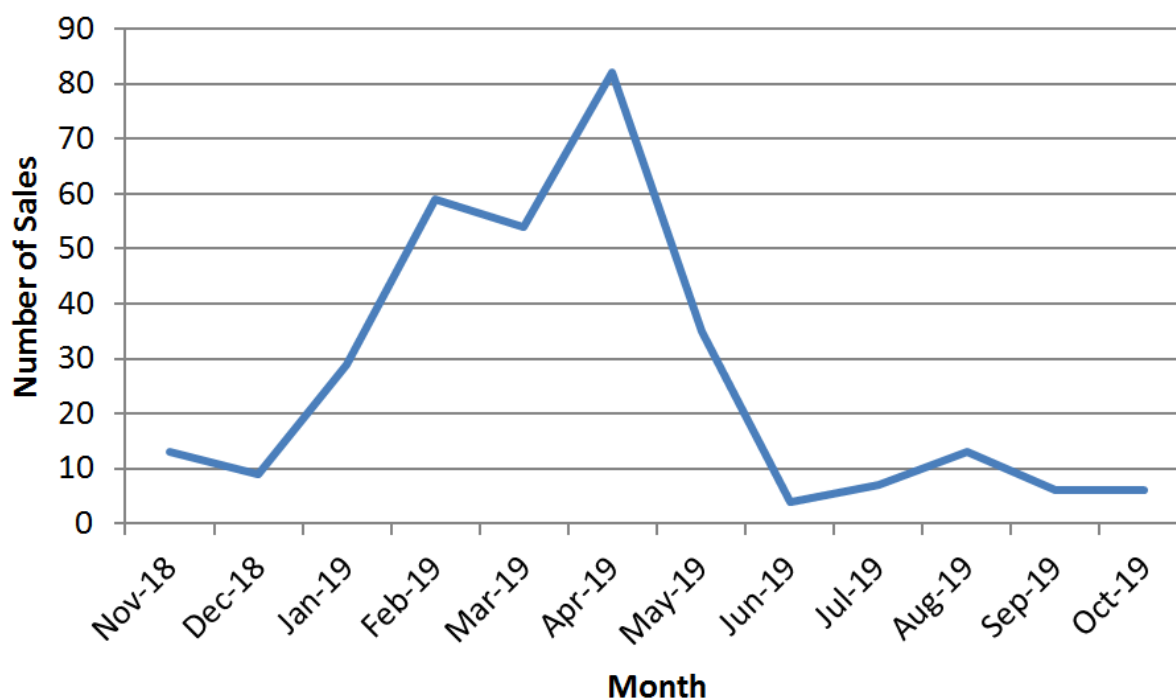


Figure 2 – Sales by state and territory: 1 November 2018 – 31 October 2019 (n=285)

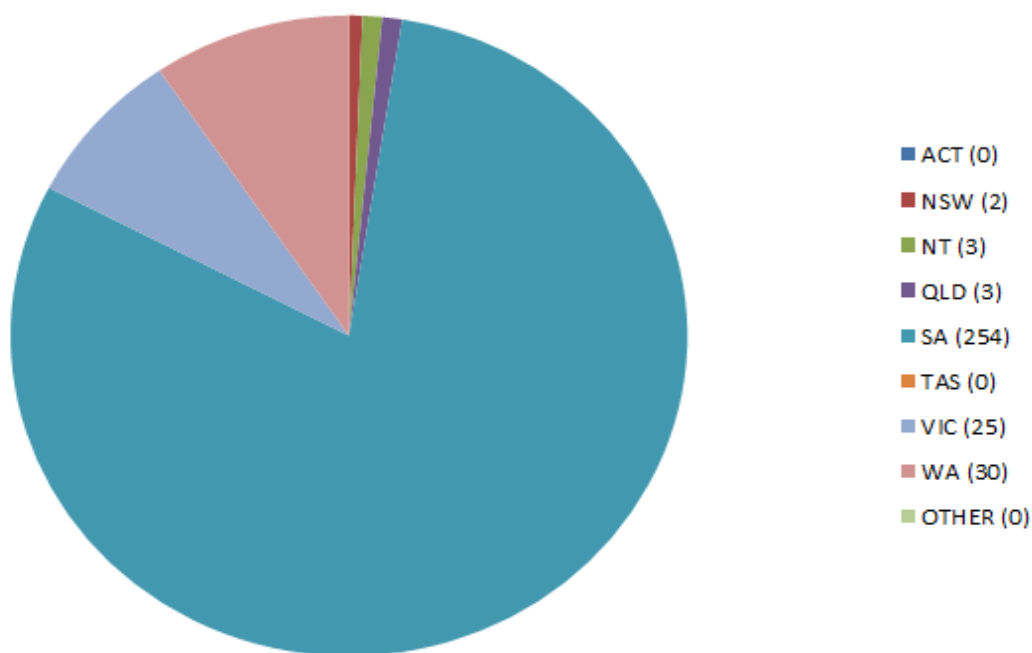
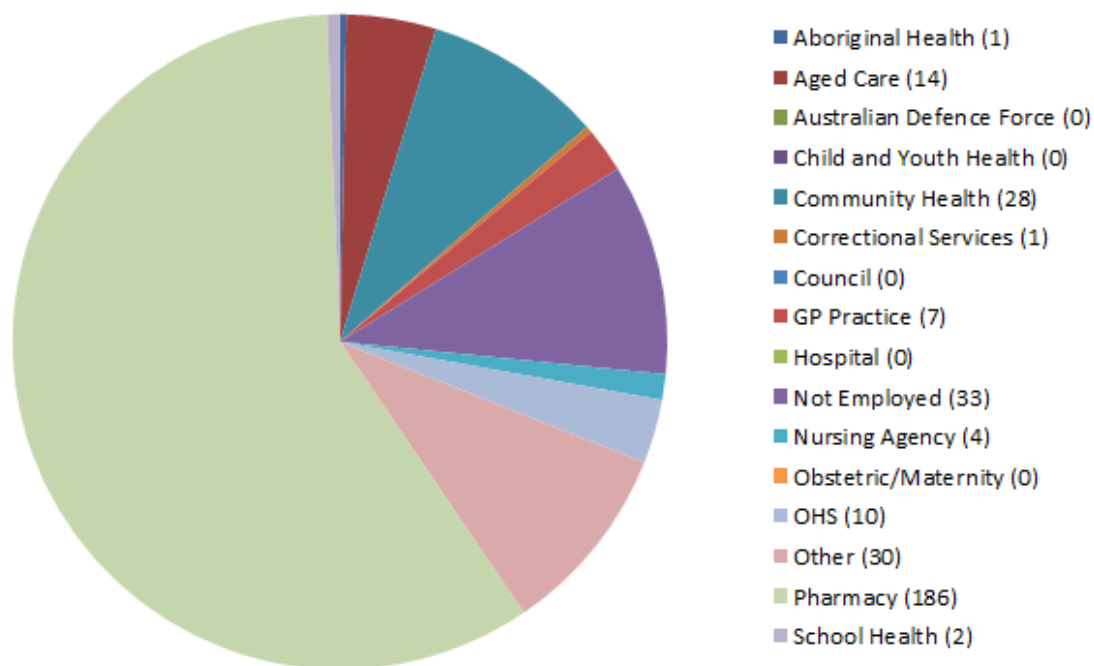


Figure 3 – Area of employment: 1 November 2018 – 31 October 2019(n=285)



This program is a pre-requisite for pharmacists in SA undertaking programs of study to be an Authorised immunisation provider, and is an approved program of study leading to authorisation for Registered Nurses in SA, if all other conditions of the relevant legislation are met.

Immunisation: a training course for GPs

This program is an accredited learning activity that has been designed for general practitioners' (GPs) nationally and has been available for purchase from 13 June 2018. Course content:

- > Module 1: Immunisation, vaccines, the immune response, vaccine efficacy and effectiveness
- > Module 2: Vaccine preventable diseases and associated vaccines, available in the National Immunisation Program (NIP) and non-NIP vaccines
- > Module 3: Aboriginal people and other groups with special vaccination requirements, and other risk groups
- > Module 4: Consent to medical treatment, vaccine safety and adverse events, vaccine cold chain management, planning a catch-up schedule and delivering an immunisation service

Total registrations nationally from 1 November 2018 – 31 October 2019 is nine GPs in total from SA, NT, QLD, VIC and NSW, mainly working in GP Practices.

This course is accredited by the RACGP and The Australian College of Rural and Remote Medicine for the 2017 – 19 triennium.

Data Source

All data is extracted from Digital Media* online sales reports within the period November 2018 to October 2019 for the online training programs offered by SA Health. Data is based on the state they registered under; this may or may not be where they reside.

*Centre for Education and Training, Women's and Children's Health Network

Summary of data from course evaluations

Evaluations are undertaken at the completion of each program and completion of the survey is required to complete the program. Scoring is presented as a percentage of total feedback forms using a 1-10 score with '0' unlikely and '10' highly likely, and a reporting scale of Strongly Agree, Agree, Neutral, Disagree or Strongly Disagree is used to assess evaluations.

Understanding Vaccines and the National Immunisation Program

The evaluation summary includes evaluation report data within the period from 1 November 2018 to 31 October 2019.

The total number of completed evaluations for the reporting period is 1,609.

Course Summary		How likely is it that you recommend this course to a colleague?		It was easy to find my way around the course once I had started it.		The content of the course was appropriate to my level of learning.		The information presented in the course met the stated learning outcomes.		The activities, interactives and scenarios in this course aided my understanding of the content.		I will be able to incorporate the learnings from this course into my practice		I will be able to pass on my learnings to others as a result of completing this course	
		No. of Responses	%	No. of Responses	%	No. of Responses	%	No. of Responses	%	No. of Responses	%	No. of Responses	%	No. of Responses	%
Total number of feedback forms 1609	Not likely ↑ ↓ Highly Likely	0	11	1%											
		1	6	0%											
		2	3	0%											
		3	4	0%											
		4	9	1%											
		5	52	3%											
		6	25	2%											
		7	67	4%											
		8	139	9%											
		9	410	25%											
	10	883	55%												
		Strongly agree		871	54%	949	59%	967	60%	945	59%	1062	66%	925	57%
		Agree		628	39%	583	36%	578	36%	579	36%	487	30%	595	37%
		Neutral		83	5%	61	4%	53	3%	66	4%	47	3%	76	5%
		Disagree		17	1%	9	1%	7	0%	14	1%	8	0%	6	0%
	Strongly disagree		10	1%	7	0%	4	0%	5	0%	5	0%	7	0%	
	No feedback available		0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
TOTAL		1609	100%	1609	100%	1609	100%	1609	100%	1609	100%	1609	100%	1609	100%

Evaluations results indicate:

- > Up to 95% agreed the content was appropriate to their level of learning and met the stated learning outcomes
- > 95% agreed that the activities, interactives and scenarios in this course aided their understanding of the content
- > 96% of learners agreed that they will be able incorporate the learnings from this course into their practice
- > Over 80% are likely or highly likely to recommend the program to a colleague.

Some of the feedback comments include:

“Great concise course containing relevant information, provided in succinct manner with nil irrelevant content. Thoroughly enjoyed being able to move at own pace, opposed to waiting for forum posts, etc.”

“Good course. Easy to follow. Some good downloads for future reference.”

“Clearer instructions regarding catch up schedules would have helped”

Understanding Vaccines for Midwives: vaccination requirements during pregnancy and early childhood

The evaluation summary includes evaluation report data within the period from 1 November 2018 to 31 October 2019.

The total number of completed evaluations for the reporting period is 96.

Course Summary		How likely is it that you recommend this course to a colleague?		It was easy to find my way around the course once I had started it.		The content of the course was appropriate to my level of learning.		The information presented in the course met the stated learning outcomes.		The activities, interactives and scenarios in this course aided my understanding of the content.		I will be able to incorporate the learnings from this course into my practice		I will be able to pass on my learnings to others as a result of completing this course	
		No. of Responses	%	No. of Responses	%	No. of Responses	%	No. of Responses	%	No. of Responses	%	No. of Responses	%	No. of Responses	%
Total number of feedback forms 96	Not likely ↑ ↓ Highly Likely	0	0%												
		1	0%												
		2	1%												
		3	0%												
		4	0%												
		5	0%												
		6	3%												
		7	3%												
		8	9%												
		9	33%												
10	50%														
	Strongly agree			60	63%	64	67%	63	66%	58	60%	65	68%	62	65%
	Agree			31	32%	32	33%	32	33%	37	39%	31	32%	32	33%
	Neutral			5	5%	0	0%	1	1%	1	1%	0	0%	2	2%
	Disagree			0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	Strongly disagree			0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
	No feedback available			0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
TOTAL		96	100%	96	100%	96	100%	96	100%	96	100%	96	100%	96	100%

Evaluations results indicate:

- > 100% agreed the content was appropriate to their level of learning
- > 99% agreed that the activities, interactives and scenarios in this course aided their understanding of the content
- > 100% of learners agreed that they will be able to incorporate the learnings from this course into their practice
- > Over 80% are likely or highly likely to recommend the program to a colleague

Some of the feedback comments include:

“Very informative and a must for all midwives and staff involved in care of pregnant women and newborns.”

“I found this course to be an excellent way to review and update my current knowledge of this important topic.”

“More videos to break up the reading would have been beneficial.”

Understanding vaccines and adult vaccination requirements for workplace programs

The evaluation summary includes evaluation report data within the period from 1 November 2018 to 31 October 2019.

The total number of completed evaluations for the reporting period is .

Course Summary		How likely is it that you recommend this course to a colleague?		It was easy to find my way around the course once I had started it.		The content of the course was appropriate to my level of learning.		The information presented in the course met the stated learning outcomes.		The activities, interactives and scenarios in this course aided my understanding of the content.		I will be able to incorporate the learnings from this course into my practice		I will be able to pass on my learnings to others as a result of completing this course		
		No. of Responses	%	No. of Responses	%	No. of Responses	%	No. of Responses	%	No. of Responses	%	No. of Responses	%	No. of Responses	%	
Total number of feedback forms 302	Not likely ↑ ↓ Highly Likely	0	0%													
		1	0%													
		2	1%													
		3	1%													
		4	0%													
		5	4%													
		6	2%													
		7	10%													
		8	15%													
		9	17%													
	10	49%														
		Strongly agree			182	60%	174	58%	181	60%	174	58%	187	62%	163	54%
		Agree			104	34%	114	38%	110	36%	118	39%	104	34%	123	41%
		Neutral			12	4%	10	3%	9	3%	8	3%	9	3%	12	4%
		Disagree			2	1%	3	1%	1	0%	1	0%	1	0%	3	1%
	Strongly disagree			2	1%	1	0%	1	0%	1	0%	1	0%	1	0%	
	No feedback available			0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	
TOTAL		302	100%	302	100%	302	100%	302	100%	302	100%	302	100%	302	100%	

Evaluations results indicate:

- > Up to 96% agree the content was appropriate to their level of learning and met the stated learning outcomes
- > 97% agreed that the activities, interactives and scenarios in this course aided their understanding of the content
- > 96% of learners agree that they will be able incorporate the learnings from this course into their practice
- > Over 81% are likely or highly likely to recommend the program to a colleague.

Some of the feedback comments include:

“It was a very thorough and well designed course. Very satisfied.”

“Would be great if there was a printable version for me to read in the future (to revise/review etc).”

“Good amount of resources and links to search from. I would highly recommend this course”

Immunisation: a training course for GPs

The evaluation summary includes evaluation report data within the period from 1 November 2018 to 31 October 2019.

The total number of completed evaluations for the reporting period is seven.

Evaluation results for all GP learners

Learning needs were *entirely met* in response to:

- > Utilise course reference materials to advocate for immunisation
- > Identify vaccination opportunities and construct an appropriate catch-up schedule
- > Undertake pre-vaccination screening, preparation for vaccination and the immediate management of an adverse event following immunisation
- > Please rate to what degree your personal learning needs were met.

Responses to the following were *excellent*:

- > The activities, interactives and scenarios in this course aided my understanding of the content
- > I will be able to pass on my learnings to others as a result of completing this course.

All learners were *highly likely* to recommend the course to a colleague.

Some of the feedback comments include:

What will you use from this course in your work role?

“I will use this for my everyday practice which includes vaccinations.”

“catch up immunization, recent changes in NIP”

“As part of a Primary health role”

Data Source

All data is extracted from Digital Media* evaluation reports within the period 1 November 2018 to 31 October 2019 for the online training programs offered by SA Health.

*Centre for Education and Training, Women’s and Children’s Health Network

Program reviews

Program coordinators review evaluation feedback monthly and program content every 6 months in November and May. If any change to information such as immunisation recommendations occurs between those periods, it is assessed and addressed immediately if required or at the next scheduled review date. The course introduces the user to all the major websites that carry up-to-date information relating to immunisation and any planned changes to the vaccine schedule, thus ensuring practitioners can maintain currency of information.

Program assessment and exam question responses are reviewed for each individual question. The *Question Statistics* indicate the percentage of each question being answered correctly. Questions that achieve less than 85% of being answered correctly, are reviewed to assess if the wording or answers need to be altered, to minimise potential ambiguity to improve the learning experience.

Summary of program changes

Changes to the programs in the reporting period, 1 November 2018 to 31 October 2019, include:

- > The most recent information on the National Immunisation Program has been incorporated into relevant sections of the programs.
- > Course links have been reviewed and updated and links to new resources added to provide supplementary information.
- > In response to the feedback provided by the users, more learning activities and case studies have been included for further interactive learning.
- > Assessment and exam questions have been reviewed and updated.
- > A resource has been developed and added to assist with navigating the digital Australian Immunisation Handbook.

For more information

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www.ausgoal.gov.au/creative-commons



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