

PPHSN Review

Start of Block: Introduction and Consent

Q1.1

As an active member of the Pacific Public Health Surveillance Network (PPHSN) , we would like to invite you to be part of a high-level review of the PPHSN.

This review is commissioned by SPC and was endorsed by member states. An experienced team of researchers from the University of Sydney is conducting the review in collaboration with the University of Queensland and Griffith University in Australia.

As part of the review, this online survey will capture information on your experience of working with and using the PPHSN services (PacNet, EpiNet, PICNet, PSSS, SHIP-DDM, LabNET) and the barriers and opportunities to achieving the networks' goals and objectives.

Data captured from this survey will be used to develop practical recommendations for the next phase of PPHSN efforts to be included in the design of the 2023-2027 Strategic Plan.

The survey will take approximately 10-20 minutes to complete. Participation in the survey is entirely voluntary, and you may withdraw at any stage. As you progress through the survey all responses will be stored even if you have not fully completed the survey. Saving of responses happens automatically you do not need to click save. Survey responses are anonymous.

You may withdraw your data by emailing jessica.hall@sydney.edu.au

You will be asked for your consent to participate in the question below.

Thank you for your time.

Q1.2 Do you consent to participating in this survey?

☐ Yes (1)

☐ No (2)

End of Block: Introduction and Consent

Start of Block: 1. Demographics

Q2.1 In this first section of the survey we will ask you some demographic questions. Any personal information provided will be kept confidential and stored securely on the University of Sydney encrypted server.

Q2.2 What is your age?

☐ 15 – 24 years old (1)

☐ 25 – 34 years old (2)

☐ 35-44 years old (3)

☐ 45-54 years old (4)

☐ 55-64 years old (5)

☐ 65 + years old (6)

Q2.3 Sex

☐ Male (1)

☐ Female (2)

☐ Prefer not to say (3)

Q2.4 What is your highest level of education ?

- ☐ Primary School (1)
- ☐ High school (2)
- ☐ Tertiary education (3)

Q2.5 Which Pacific Island Country or Territory are you currently working in?

- ☐ American Samoa (1)
- ☐ Cook Islands (2)
- ☐ Federated States of Micronesia (FSM) (3)
- ☐ Fiji (4)
- ☐ French Polynesia (5)
- ☐ Guam (6)
- ☐ Kiribati (7)
- ☐ Marshall Islands (8)
- ☐ Nauru (9)
- ☐ New Caledonia (10)
- ☐ Niue (11)
- ☐ Northern Mariana Islands (12)
- ☐ Palau (13)
- ☐ Papua New Guinea (14)
- ☐ Pitcairn Islands (15)
- ☐ Samoa (16)
- ☐ Solomon Islands (17)
- ☐ Tokelau (18)
- ☐ Tonga (19)

- ☐ Tuvalu (20)
 - ☐ Vanuatu (21)
 - ☐ Wallis and Futuna (22)
 - ☐ Hawaii (23)
 - ☐ Other (24)
-

Q2.6 Other country

(Please specify)

Q2.7 Which organisation do you work for?

(If multiple options apply to you, please select the primary organisation you work for)

- ☐ Ministry of Health (1)
- ☐ Fiji National University (FNU) (2)
- ☐ SPC (26)
- ☐ Pacific Island Health Officers Association (PIHOA) (3)
- ☐ World Health Organization (WHO) (4)
- ☐ Centers for Disease Control and Prevention (CDC) (5)
- ☐ Fiji Centre for Communicable Diseases (Mataika House) (8)
- ☐ Hawaii State Department of Health (9)
- ☐ Hunter New England Health, Australia (10)
- ☐ Institute of Environmental Science and Research (ESR) (11)
- ☐ The Pasteur Network (formerly called International Network of Instituts Pasteur and Associate Institutes) (12)
- ☐ James Cook University (JCU) (13)
- ☐ Malardé Institute, Tahiti (14)
- ☐ Micronesian Human Resources Development Center (15)
- ☐ National Centre for Epidemiology and Population Health / Australian National University (NCEPH/ANU) (16)
- ☐ Pacific Basin Medical Association (PBMA) (17)
- ☐ Pacific Pathology Training Center (PPTC) (19)

☐ Institut Pasteur of New Caledonia (IPNC) (20)

☐ TEPHINET (21)

☐ UNICEF (22)

☐ Western Pacific HealthNet (23)

☐ Other (24)

Q2.8 Other Organisation

(Please specify)

Q2.9 What is your position within this organisation?

(If multiple options apply to you, please select your primary role)

- ☐ Health leadership (16)
 - ☐ Community health worker (1)
 - ☐ Disease and infection investigator (2)
 - ☐ Environmental health specialist (3)
 - ☐ Epidemiologist (4)
 - ☐ Occupational health and safety specialist (5)
 - ☐ Health educator (6)
 - ☐ Emergency preparedness and response (7)
 - ☐ Public health policy (8)
 - ☐ Research/data analyst (9)
 - ☐ Public health physician (10)
 - ☐ Public health nurse (11)
 - ☐ Biostatistician (12)
 - ☐ Public Health professional (13)
 - ☐ Government staff member (14)
 - ☐ Other (15)
-

Q117 Other Position

(Please Specify)

Q2.10 Which of the following activities apply to you?

(Select all that apply)

- ☐ Data management (1)
- ☐ Clinical medicine (2)
- ☐ Laboratory (3)
- ☐ Field investigation/response (4)
- ☐ Surveillance (5)
- ☐ Public Health management / supervision (6)
- ☐ Disaster management (7)
- ☐ Training (8)
- ☐ Trainee/Graduate of SHIP-DDM (9)
- ☐ Infection prevention & control (11)
- ☐ Other (10)

Q2.11 Other

(Please specify role)

Q2.12 How many years have you worked in the field of Public Health/Health?

☐ 1-4 (1)

☐ 5-9 (2)

☐ 10+ years (3)

Q118 At what jurisdictional level does your organisation work?

☐ Community level (1)

☐ Provincial level (2)

☐ National Level (3)

☐ Regional Level (4)

☐ Multi-jurisdictional (5)

End of Block: 1. Demographics

Start of Block: 2. PPHSN experience

Q3.1 This section of the survey is about your involvement and experience in the Pacific Public Health Surveillance Network

Q3.2 How many years have you been involved with the Pacific Public Health Surveillance Network (PPHSN)?

- ☐ Less than 1 year (1)
- ☐ 1-5yrs (2)
- ☐ 6-10yrs (3)
- ☐ 11-15yrs (4)
- ☐ 16-20yrs (5)
- ☐ more than 20 years (6)

Q3.3 What do you see as the main purpose of the PPHSN?

- ☐ Communication platform for surveillance and response (1)
 - ☐ Strengthening outbreak detection and response (2)
 - ☐ Syndromic surveillance (3)
 - ☐ Capacity building on epidemiology and data management (4)
 - ☐ Strengthening laboratory capacity in the Pacific (5)
 - ☐ Advancing regional approaches to public health security (6)
 - ☐ Strengthening health systems (9)
 - ☐ Other (7)
-

Q96 Other (Please Specify)

Are you a coordinating body member of the PPHSN?

(The PPHSN Coordinating Body provides oversight over the PPHSN through its annual meeting. CB membership is rotated, with membership endorsed by network members)

☐ Yes (1)

☐ No (2)

Q3.4 Which of the 6 PPHSN networks (service arms) are you directly involved in/use?

(Select all that apply)

☐

PicNet (1)

☐

LabNet (2)

☐

PacNet (3)

☐

Pacific Syndromic Surveillance System (PSSS) (4)

☐

EpiNet (5)

☐

SHIP-DDM (Please only select this box if you are a trainee of the SHIP-DDM program) (6)

☐

None (7)

Start of Block: 2. PICNet

Q4.1 This section of the survey is about your involvement and experience with the PPHSN PICNet service.

Q4.2 Are you a member of the PICNet steering committee?

☐ Yes (1)

☐ No (2)

Q4.3 How effective do you think PICNet has been for supporting capacity building for infection prevention and control professionals in PICTs and regionally?

☐ Not effective at all (1)

☐ Slightly effective (2)

☐ Moderately effective (3)

☐ Very effective (4)

☐ Extremely effective (5)

Q4.4 How effective has PICNet been in raising awareness for infection prevention and control issues?

- ☐ Not effective at all (1)
- ☐ Slightly effective (2)
- ☐ Moderately effective (3)
- ☐ Very effective (4)
- ☐ Extremely effective (5)

Q4.5 How effective has PICNet been in strengthening partnerships towards addressing infection prevention and control priorities in PICTs

- ☐ Not effective at all (1)
- ☐ Slightly effective (2)
- ☐ Moderately effective (3)
- ☐ Very effective (4)
- ☐ Extremely effective (5)

This next set of questions relates specifically to the organisation or health facility you work in.

Q101 Does your organisation/health facility have trained infection control staff/professionals?

- ☐ Yes (1)
- ☐ No (2)
- ☐ Don't Know (3)

Q98 Is surveillance of Health Facility Associated Infections (HAIs) conducted in your organisation/health facility?

- ☐ Yes (1)
- ☐ No (2)
- ☐ Don't know (3)

Q4.6 Are you aware of the PPHSN Infection Prevention and Control Guidelines 2021

- ☐ Yes (1)
- ☐ No (2)

Q4.7 How often are the PPHSN Infection Prevention and Control Guidelines 2021 used within your organisation/Health facility?

- ☐ Never (1)
- ☐ Sometimes (2)
- ☐ Often (3)

Q4.8 My organisation/Health Facility has changed to be consistent with the PPHSN Infection Prevention and Control Guidelines 2021

- ☐ Yes (1)
- ☐ No (2)

Q4.11 In what areas has the organisation/health facility changed?

(Select all that apply)

- ☐ Management of the IPC programme (1)
- ☐ Application of standard and transmission-based precautions (2)
- ☐ Hand hygiene (3)
- ☐ Principles of personal protective equipment (4)
- ☐ Safe handling and disposal of sharps (5)
- ☐ Environmental cleaning (6)
- ☐ Safe reprocessing of reusable medical equipment (7)
- ☐ Safe handling of laundry (8)
- ☐ Airborne precautions (9)
- ☐ Droplet precautions (10)
- ☐ Contact precautions (11)
- ☐ IPC in special care areas (12)
- ☐ Management of occupational exposure (13)
- ☐ Vaccine preventable diseases for staff health (14)

- ☐ Surveillance for IPC (15)
- ☐ Environmental management practices (16)
- ☐ Food safety (17)
- ☐ Outbreak management situations (18)
- ☐ Other (19)

Q4.10 How useful were the PICNet guidelines/activities for your jurisdiction during the COVID-19 pandemic?

- ☐ Not at all useful (1)
- ☐ Slightly useful (2)
- ☐ Moderately useful (3)
- ☐ Very useful (4)
- ☐ Extremely useful (5)

End of Block: 2. PICNet

Start of Block: 3. EpiNet

Q5.1 This section of the survey is about your involvement and experience with the PPHSN EpiNet service.

Q5.2 Do you have a team designated to detect and respond to public health alerts in your jurisdiction (e.g. EpiNet Team)?

- ☐ Yes (3)
- ☐ No (1)
- ☐ Don't know (2)

Q5.4 Is this team called an EpiNet team?

- ☐ Yes (1)
- ☐ No (2)

Q5.5 How many people are involved in the response (EpiNet) team?

- ☐ 1 (1)
- ☐ 2 (2)
- ☐ 3 (3)
- ☐ 4 (4)
- ☐ 5 or more (5)

Yes

Q103 What areas of expertise does the response team (EpiNet) in your jurisdiction have?

(Select all that apply)

- ☐ Data management (1)
 - ☐ Clinical medicine (2)
 - ☐ Laboratory (3)
 - ☐ Field Investigation (4)
 - ☐ Public Health Management/Supervision (5)
 - ☐ Disaster Management (6)
 - ☐ Immunisation (10)
 - ☐ Infection control (8)
 - ☐ Health policy, health promotion and communication (11)
 - ☐ Other (7)
-

Q104 Other area of expertise

(Please Specify)

Q5.6 In the last 5 years how many times has the response team been mobilised domestically or to another country to investigate or respond to a significant public health event?

- ☐ Never (1)
- ☐ Less than 10 times (2)
- ☐ 10 or more times (3)

Q5.10 What tools/systems does your response team use for communication regarding public health emergencies/potential outbreaks?

(Select all that apply)

- ☐ PacNet (8)
- ☐ Report through IHR National Focal Point (1)
- ☐ Internal reporting only (2)
- ☐ Social media posts (e.g. Ministry Facebook page) (3)
- ☐ Pacific Syndromic Surveillance System (4)
- ☐ Informal notification to key partners (5)
- ☐ No standard reporting process established (6)
- ☐ Other (7)

Q5.11 Other communication tools/systems

(Please Specify)

Q105 What procedures/tools are in place to support the response team in your jurisdiction to be prepared and coordinate an appropriate response to an outbreak, epidemic, pandemic, or other significant public health event?

(Select all that apply)

- Standard Operating Procedures (SOPs) (1)
- Guidelines (2)

Pandemic Playbook (3)
Scenario Planning (4)
Simulation exercises (5)
Surveillance and response training (6)
Other (7)
Q106 Other procedures

(Please Specify)

Q5.12 Do you and your team feel you have the necessary resources and skills to organise public health measures to respond in a timely way to the outbreaks?

☐ No (1)

☐ Yes (2)

Q5.13 If No, what could be improved?

End of Block: 3. Epinet

Start of Block: 4. Pacific Syndromic Surveillance System (PSSS)

Q6.1 This section of the survey is about your involvement and experience with the PPHSN Pacific Syndromic Surveillance System (PSSS) .

Q6.2 How many sentinel sites (health facilities) are currently involved in conducting syndromic surveillance in your jurisdiction?

- ☐ 0 (1)
- ☐ less than 5 (2)
- ☐ 5-10 (3)
- ☐ more than 10 (4)
- ☐ Don't Know (5)

Q6.3 Of these sentinel sites (health facilities) how many are providing reports to the PSSS?

- ☐ 0 (1)
- ☐ less than 5 (2)
- ☐ 5-10 (3)
- ☐ more than 10 (4)
- ☐ Don't Know (5)

Q6.13 Which of the following types of surveillance does your jurisdiction conduct?

- ☐ Indicator based surveillance (IBS) (1)
- ☐ Event based surveillance (EBS) (2)
- ☐ Both Indicator based surveillance (IBS) and Event based surveillance (EBS) (3)
- ☐ None (4)

Q109 How do sentinel sites transfer their data to the Ministry of Health Surveillance Officer?

(Select all that apply)

- ☐ Paper-based (1)
- ☐ Email (2)
- ☐ Verbally via phone (3)
- ☐ SMS text message (4)
- ☐ Phone App (5)
- ☐ Other (6)

Q6.5 Are the tally reports provided by sentinel sites/health facilities complete?

- ☐ Always (1)
- ☐ Sometimes (2)
- ☐ Never (3)
- ☐ Don't Know (4)

Q6.10 Have there been situations where you or others could not submit the PSSS weekly report on time?

- ☐ Yes (1)
- ☐ No (2)
- ☐ Don't Know (3)

Q6.11 In your opinion what are the most common challenges for timely reporting?

(Select all that apply)

- ☐ Tally sheets not received on time from sentinel sites (health facilities) (1)
- ☐ No internet (no credit) (2)
- ☐ No internet (no signal) (3)
- ☐ No phone or computer access (4)
- ☐ Not enough time (5)
- ☐ Don't Know (6)

Q6.9 In the past year how often has the PSSS provided an alert that enabled the response team to identify an outbreak in your jurisdiction?

- ☐ Never (1)
- ☐ 1-5 (2)
- ☐ 6-10 (3)
- ☐ More than 10 (4)

Q6.7 How effective do you think the PSSS has been in providing early warning alerts and supporting responses to emergencies?

- ☐ Extremely (1)
- ☐ Very (2)
- ☐ Moderately (3)
- ☐ Slightly (4)

Q6.8 If not effective what do you think could be improved?

Q6.12 Did the PSSS support early warning and response in your country during the COVID-19 pandemic?

- ☐ Yes (1)
- ☐ No (2)
- ☐ Don't Know (3)

Q110 How is the information captured by your syndromic surveillance system used?

(Select all that apply)

- ☐ Trigger investigations and verify alerts (1)
- ☐ Identify outbreaks (2)
- ☐ Disease monitoring and analysis (3)
- ☐ Raise awareness and educate staff about infectious diseases and significant public health events (4)
- ☐ Health systems planning (5)
- ☐ Community health promotion activities (6)
- ☐ Other (7)

End of Block: 4. Pacific Syndromic Surveillance System (PSSS)

Start of Block: 5 PacNet

Q7.1 This section of the survey is about your involvement and experience with the PPHSN PacNet service.

Q7.4 Do you receive PacNet alerts?

- ☐ Yes (1)
- ☐ No (2)

Q7.10 Other than the current email format is there any other way you would you want to receive outbreak alerts from PacNet?

(Select all that apply)

☐ Text Message (1)

☐ Facebook (2)

☐ WhatsApp (3)

☐ Other (4)

☐ ☒ None (5)

Q119 Other

Please Specify

Q7.6 Have you or your organisation used PacNet to send alerts for outbreaks/public health emergencies in your jurisdiction?

☐ Yes (1)

☐ No (2)

☐ Don't Know (3)

Q7.7 If you/your organisation do not use PacNet to send alerts for outbreaks/public health emergencies, what communication method do you use instead?

☐ Email (Other) (1)

☐ SMS (2)

☐ WhatsApp (3)

☐ Phone Call (4)

☐ Other (5)

Q120 Other

Please Specify

Q111 How useful is the epidemic and emerging disease alerts in the Pacific map shared via PacNet for supporting surveillance and response activities?

- ☐ Not at all useful (1)
- ☐ Slightly useful (2)
- ☐ Moderately useful (3)
- ☐ Very useful (4)
- ☐ Extremely useful (5)

Q7.2 Do you feel PacNet is meeting its objective of facilitating communication between PPHSN members and partners?

☐ Yes (1)

☐ No (2)

☐ Don't Know (3)

Q7.3 If not, how can this be improved?

Q7.5 In what ways has PacNet been useful to you and your organisation?

(Select all that apply)

- ☐ Alerts on potential health threats (1)
- ☐ Supports preparedness and planning (2)
- ☐ Outbreak response (3)
- ☐ Public Health prevention and control measures (4)
- ☐ Accessing support for Lab testing (5)
- ☐ Accessing technical expertise (6)
- ☐ Accessing material assistance (Vaccines, Bednets etc) (7)
- ☐ Funding support (8)
- ☐ Not useful (9)
- ☐ Other (10)

Q107 Other

Please Specify

End of Block: 5 PacNet

Start of Block: 6 Labnet

Q8.1 This section of the survey is about your involvement and experience with the PPHSN LabNet service.

Q8.2 What level laboratory do you work with/in?

(Select all that apply)

☐ L1 (1)

☐ L2 (2)

☐ L3 (3)

Q112 Are you a member of the LabNet Technical Working Group?

☐ Yes (1)

☐ No (2)

Q8.9 How has the capacity of your laboratory changed since the COVID-19 pandemic?

☐ Capacity has increased (1)

☐ Capacity has decreased (2)

☐ Unsure (3)

Q8.10 How helpful has LabNet been in advancing/sustaining these new capacities?

☐ Extremely (1)

☐ Very (2)

☐ Moderately (3)

☐ A little (4)

☐ Not at all (5)

Q8.5 On average how long does it take to have laboratory confirmation from reference laboratories?

- ☐ 1-2 days (1)
- ☐ 3-4 days (2)
- ☐ 5-6 days (3)
- ☐ 1 week (4)
- ☐ 2 weeks (5)
- ☐ 3 weeks (6)
- ☐ 1 month (7)
- ☐ Don't Know (8)

Q8.6 Does your lab use PacNet-Lab for communications, recommendations and support for shipping and testing of specimens?

- ☐ Yes (1)
- ☐ No (2)
- ☐ Don't Know (3)

Q8.11 Does your laboratory have an electronic laboratory information management system (LIMS)?

- ☐ Yes (2)
- ☐ No (1)
- ☐ Don't Know (3)

Q113 Does this system report into PPHSN surveillance systems?

- ☐ Yes (1)
- ☐ No (2)
- ☐ Don't know (3)

Q114 How is information shared between private clinical laboratories and LabNet?

(Select all that apply)

- ☐ Reporting Notifiable Diseases and routine sharing of data (1)
- ☐ LabNet meeting and workshops (2)
- ☐ PacNet-Lab (3)
- ☐ Electronic Health records (4)
- ☐ Encrypted emails or secure online portals (5)
- ☐ Other (6)

Q115 Other

(Please Specify)

Q8.8 Do you or other lab staff communicate with the following networks/organisations?

(Select all that apply)

- ☐ Animal health laboratories and Pacific Animal Health Laboratory Network (PAHLNet). (1)
- ☐ WHO Collaborating Centre at The Doherty Institute (VIDLR) (2)
- ☐ ESR NZ (3)
- ☐ Fiji CDC (4)
- ☐ Institut Pasteur in New Caledonia (6)
- ☐ Other (7)
- ☒ None of the above (5)

Q108 Other

(Please Specify)

Q8.7 Which of the following have you or other staff in your lab received training on from PPHSN partners:

(Select all that apply)

- ☐ Testing methodologies (1)
- ☐ Laboratory equipment (2)
- ☐ Management systems (3)
- ☐ Procurement and stock management (4)
- ☐ Sample referral networks (5)
- ☐ Occupational Health and Safety (6)

☐ Other (7)

Q109 Other

(Please Specify)

Q8.12 Are there any specific areas you feel the laboratory needs additional support in?

(Select all that apply)

- ☐ Supply Management (1)
- ☐ Data Management (2)
- ☐ Laboratory Information Management Systems (9)
- ☐ Molecular Testing (3)
- ☐ Microbiology (4)
- ☐ Whole genome sequencing (5)
- ☐ Specimen preparation and shipping (6)
- ☐ Other (7)

Q8.13 Other Please Specify

Q8.3 How effective do you think LabNet has been in helping to strengthen health laboratory services in Pacific Island Countries and Territories?

- ☐ Extremely (1)
- ☐ Very (2)
- ☐ Moderately (3)
- ☐ Slightly (4)
- ☐ Not at all (5)

Q8.4 How effective do you think Labnet has been for supporting testing for PPHSN priority diseases?

- ☐ Extremely (1)
- ☐ Very (2)
- ☐ Moderately (3)
- ☐ Slightly (4)
- ☐ Not at all (5)

End of Block: 6 Labnet

Start of Block: 7 SHIP-DDM

Q9.1 This section of the survey is about your involvement and experience with the PPHSN SHIP-DDM program.

Q9.2 1. Which SHIP Tier are you currently enrolled in/have you completed?

Select the option that applies to you currently.

- ☐ Tier 1 PGCFE (DDM) Trainee (1)
- ☐ Tier 1 PGCFE (DDM) Graduate (2)
- ☐ Tier 2 PGDAE (Diploma) Trainee (3)
- ☐ Tier 2 PGDAE Graduate (4)
- ☐ Tier 3 MAE Trainee (5)
- ☐ Tier 3 MAE Graduate (6)

Q9.3

When did you finish your last module/complete your SHIP-DDM training?

Select a Date:

(Select month and year)

	Month	Year
Please Select: (1)	▼ January (1 ... December (12)	▼ 2000 (1 ... 2023 (94)

Q9.4 Where did you receive your SHIP-DDM training?

Page Break

Q9.6 Please answer yes or no to the following statements relating to your involvement in the SHIP-DDM program:

	yes (1)	No (2)
Following SHIP-DDM training I was able to network with other health professionals regionally and in-country (1)	☐	☐
I received supportive mentoring by faculty during the SHIP program Workplace Support (2)	☐	☐
Since undertaking SHIP-DDM training I have been involved in outbreak response (Please note that 'involvement' also includes data collection/analysis, health administration, and management) (3)	☐	☐
Since undertaking SHIP-DDM training I was involved in the COVID-19 preparedness and response? (4)	☐	☐

Q9.7 How helpful was SHIP-DDM training in your outbreak and/or COVID-19 preparedness and response role?

- ☐ Not at all helpful (1)
- ☐ Slightly helpful (2)
- ☐ Moderately helpful (3)
- ☐ Very helpful (4)
- ☐ Extremely helpful (5)

Q9.8 How would you rate your overall level of satisfaction with the SHIP-DDM Program?

- ☐ Not at all satisfied (1)
- ☐ Slightly satisfied (2)
- ☐ Moderately satisfied (3)
- ☐ Very satisfied (4)
- ☐ Extremely satisfied (5)

Q9.9 Please read the following statement and select the response that most relates to you.

The training received during the SHIP-DDM program is relevant to my day-to-day work.

- ☐ Strongly disagree (1)
- ☐ Disagree (2)
- ☐ Neither agree nor disagree (3)
- ☐ Somewhat agree (4)
- ☐ Strongly agree (5)

Q9.10 Which modules/topics did you find the most relevant to your day-to-day work?

- ☐ Epidemiology and Field Epidemiology (1)
- ☐ Health Information Systems (HIS) (2)
- ☐ Investigation and Management of Disease outbreaks (3)
- ☐ Management and Analysis of HIS Data (4)
- ☐ One Health concepts to disease surveillance and response (5)
- ☐ Climate issues impact public health. (6)
- ☐ Biostatistics (7)
- ☐ Operational Research (8)
- ☐ Other (9)

Q9.11 Other (Please Specify)

Q9.12 What did you like most about the SHIP-DDM program?

If you Don't Know type 'DK'

Q9.13 How could the SHIP-DDM program be improved?

If you Don't Know type 'DK'

Q9.14 Do you intend to pursue the next Tier in the SHIP-DDM program (three tiers are PGCFE, then PGDAE then MAE)?

- ☐ No (1)
- ☐ Maybe (2)
- ☐ Yes (3)
- ☐ Not applicable to me (4)

End of Block: 7 SHIP-DDM

Start of Block: Feedback

Q10.1 You have now reached the end of the survey. The results from this survey will be analysed by researchers from the University of Sydney and a report and recommendations will be provided to key stakeholders.

Would you like to receive feedback on the results of this online survey?

- ☐ Yes (1)
- ☐ No (2)

Q111 If you would like to receive feedback please provide your email below.

Your personal email will not be shared with anyone other than the study team and will not be used in any outputs for the review.

End of Block: Feedback