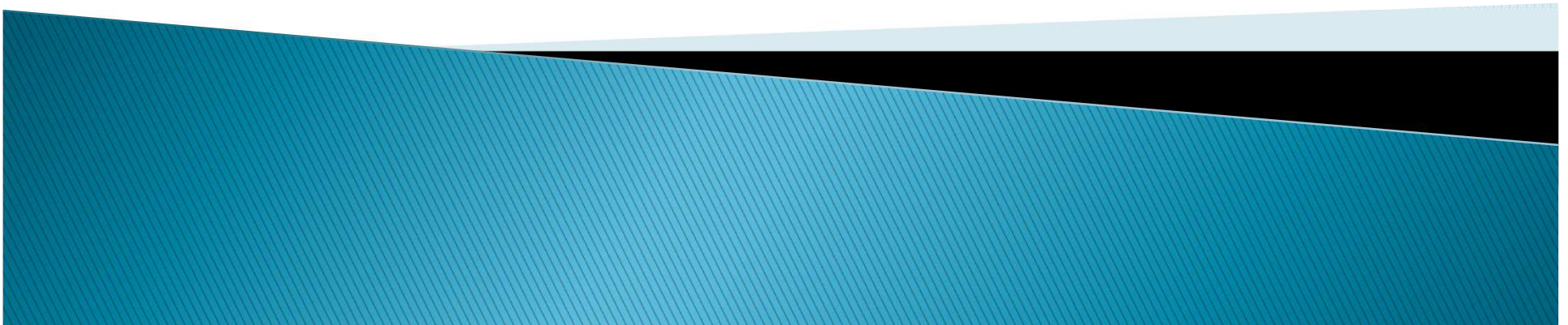


# Survey Result of Workforce Development Action Package

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# Review of Workforce Action Package

- ▶ Five-year target
  - Includes physicians, veterinarian, biostatistician, laboratory scientist, farming/livestock professional
  - Meet IHR and PVS competencies
- ▶ Measurement
  - One trained field epidemiologist per 200,000 population
  - One trained veterinarian per 400,000 animal unit
- ▶ 6 Action items



# Data collection

- ▶ Questionnaire survey
- ▶ Respondent

	Public Health	Animal Health
Respondent (countries)	14	10



## Result of Action Item 1: “Implement the workforce development strategy and plan”

- ▶ More than half of countries have workforce capacity building strategy and plan in the country (67%, 16/24).
- ▶ Not different between animal and public health sectors
- ▶ How much is the plan effective?
- ▶ Is it multi-sectoral strategy and plan?



**Action Item 2: “Establish and strengthen rigorous, sustainable training programs for public and veterinary health professionals. Utilizing established ministerial relationships and existing programs such as the Field Epidemiology Training Program (FETP), efforts should emphasize practical, hands-on experience and provide mentorship, guidance, and technical expertise to support Ministry of Health, Ministry of Agriculture and other officials. Areas of competency will include field-based epidemiologic methods (including outbreak investigations, planned epidemiologic studies, and public health surveillance analyses and evaluations), evidence-based decision making, development of effective public health programming, and fulfillment of core IHR and PVS core competencies, leading to the development of timely and effective public health interventions.”**



# Result of Action Item 2 (1)

- ▶ Most of the countries established field or applied epidemiology training program within the country (83%, 20/24).
- ▶ Most of countries (85%, 17/20) have multi-sectoral collaboration of field or applied epidemiology training program among sectors
- ▶ Most of countries have not enough well-trained epidemiologist (63%, 15/24).



# Result of Action Item 2 (2)

- ▶ However, most of countries have either enough incentives or well recognition (67%, 16 / 24).
- ▶ Do graduates meet competency?



Result of Action Item 3: “Strengthen national networks to share resources, scientific data, and best practices and to enhance the country’s ability to fulfill relevant IHR and PVS core competencies.”

- ▶ Most of countries (83%, 20/24) reported that they have network and produce evidence-based epidemiological information that has been sufficiently provided for decision makers to prevent and control of infectious diseases, including zoonoses.
- ▶ Areas of collaboration include joint field or applied epidemiology training program and joint field epidemiological investigation
- ▶ Are there sufficient national networks? and other areas of collaboration?





Action Item 4 and 5: “Strengthen international and regional networks to share resources (trainers, training material, etc.), scientific data, and best practices with other countries.” and “Foster opportunities for joint investigations, trainings and epidemiological studies among neighboring countries.”



## Result of Action Item 4 and 5

- ▶ All countries have collaboration with other countries for workforce development.
- ▶ Areas of collaboration include sending trainees to train in other countries (96%, 22/23), sharing graduates or public health expertise (57%, 13/23), conducting joint outbreak investigation (26%, 6/23) and trained international trainees (13%, 3/24)
- ▶ Are there sufficient international and regional networks? are there other areas?

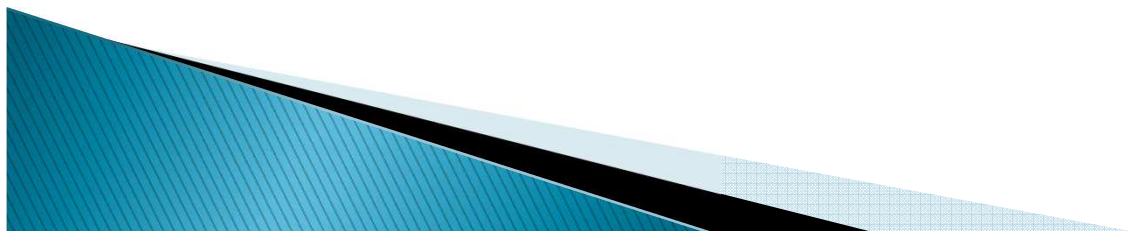


Action item 6: “Foster and expand the public health workforce at the district and provincial levels. Expedite progress on the goal of at least 1 trained field epidemiologist per 200,000 population by expanding basic and intermediate–level FETPs via a tiered approach to produce well–trained public health workers capable of conducting timely outbreak detection and investigation, public health response, and public health surveillance.”



## Result of Action Item 6 (1)

- ▶ Most countries (96%, 23 / 24) has epidemiological unit at National level, 42% (10 / 24) at regional level, 54% (13 / 24) at the provincial / state level and 29% (7 / 24) at lower than provincial / state level.
- ▶ Approximately, 64% (9 / 14) of countries estimated that more than half of field or applied epidemiology graduates works on epidemiological tasks in the country



## Result of Action Item 6 (2)

- ▶ A few countries targeted number of training health officers in the country (41%, 9/22).



# Overall Comments

- ▶ The workforce action package is too much specific to epidemiology.
- ▶ Are there any differences point of view among respondents and between animal and public health staffs when answering same question?



# Challenges

- ▶ Financial support
- ▶ Resource person and human resource
- ▶ Ability to communicate in English
- ▶ Political influence
- ▶ Several existing activities and involve many organizations.



Thank you

