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# Presentation of the veterinary workforce in Bangladesh

OIE Regional Virtual Awareness Raising Workshop  
Veterinary Workforce and VPPs  
Asia and the Pacific  
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# Presentation outline

1. Country context
2. Overview of veterinary workforce
3. Solutions to workforce challenges and examples of VPP activities



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# Country context

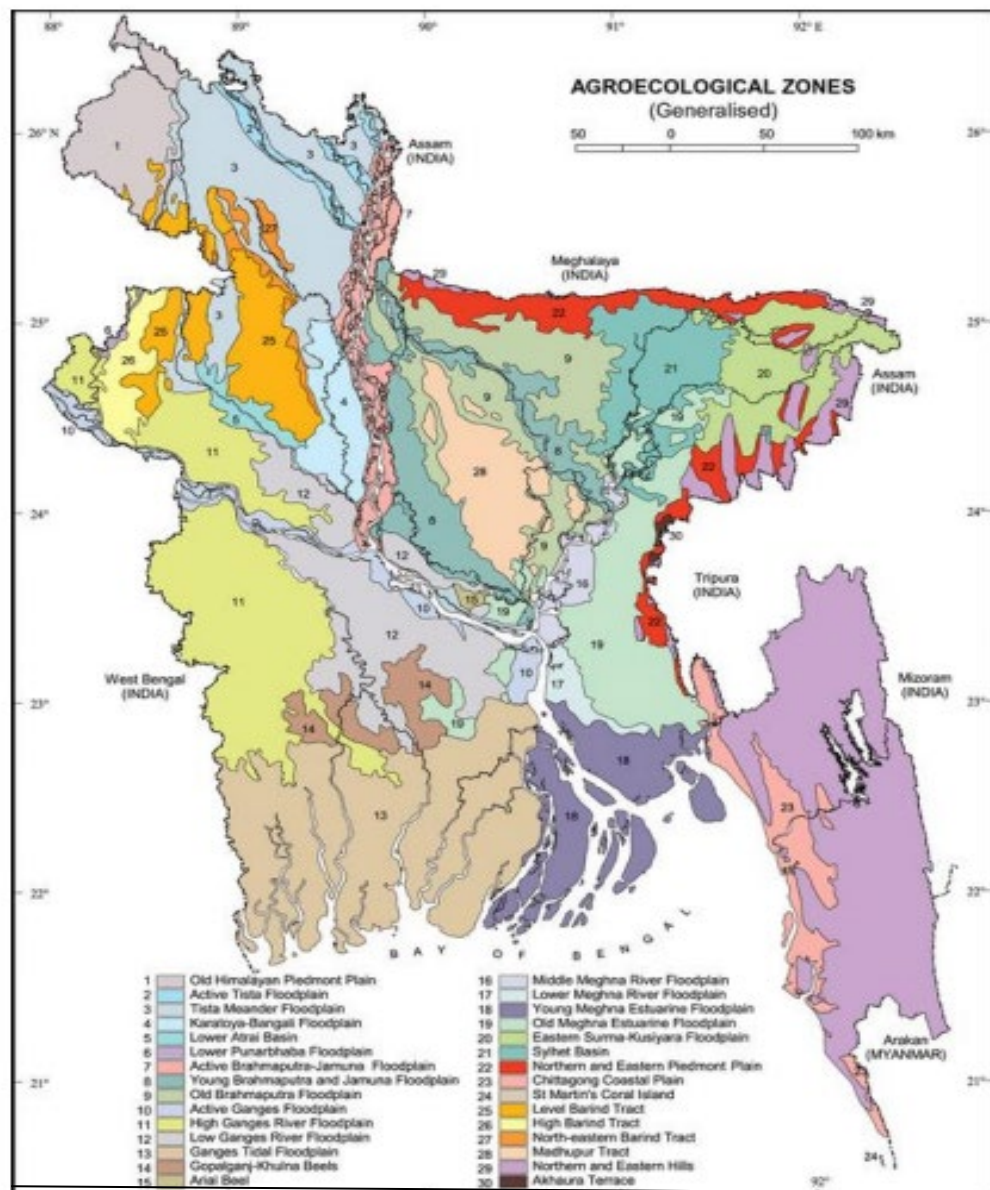


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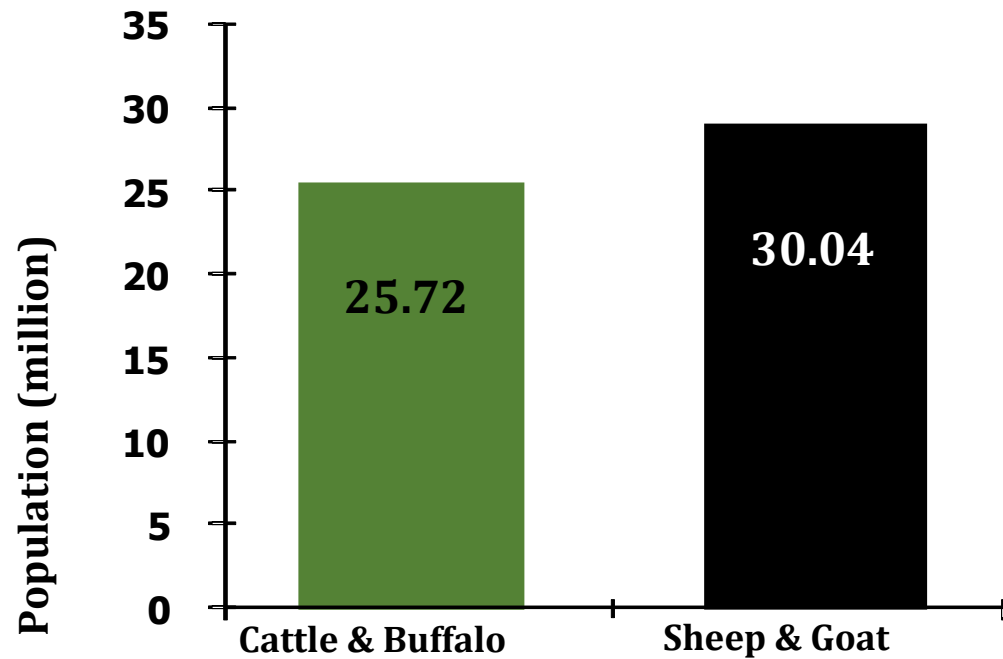
# Agro-ecological Zones: 30



Location: Eastern Part of South Asia, Bordered by India (North, West and East), Myanmar (South East) and Bay of Bengal (South).  
Area: 144 000 Sq. Km, Population: 160 million (2019)

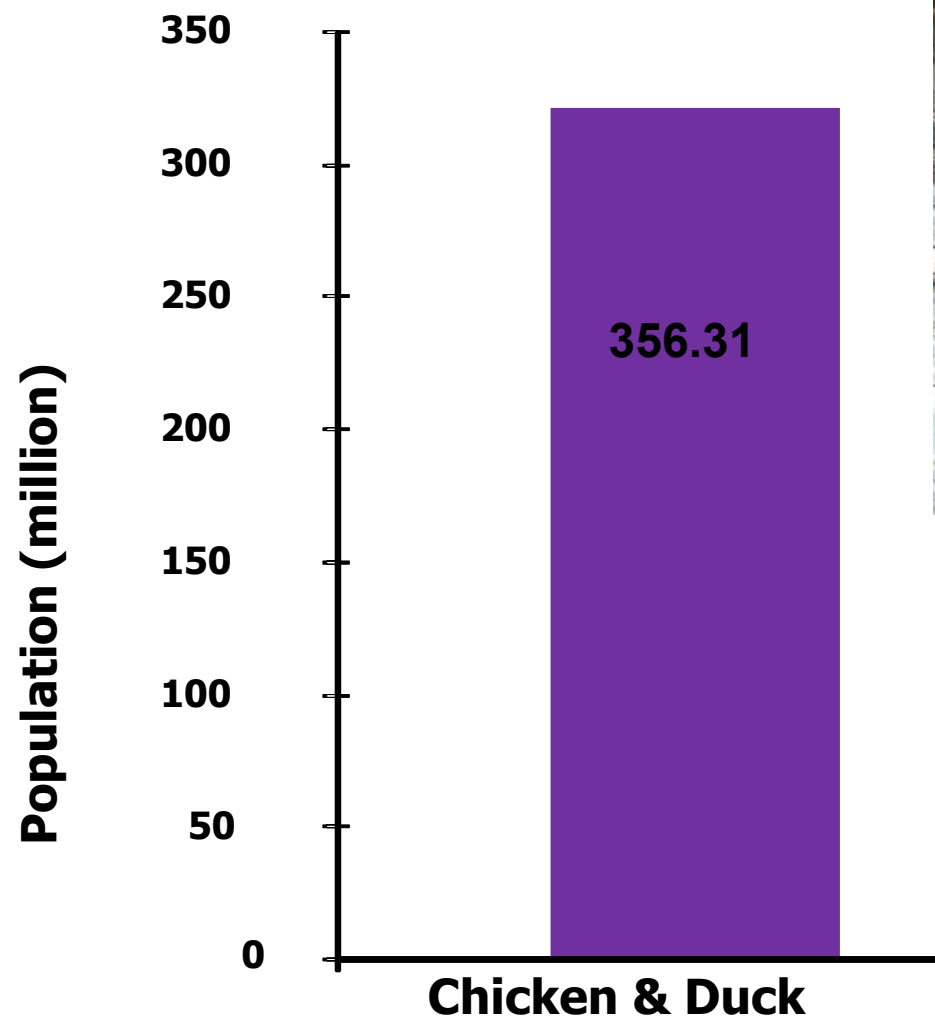


# Livestock Population (Small & Large Ruminants)



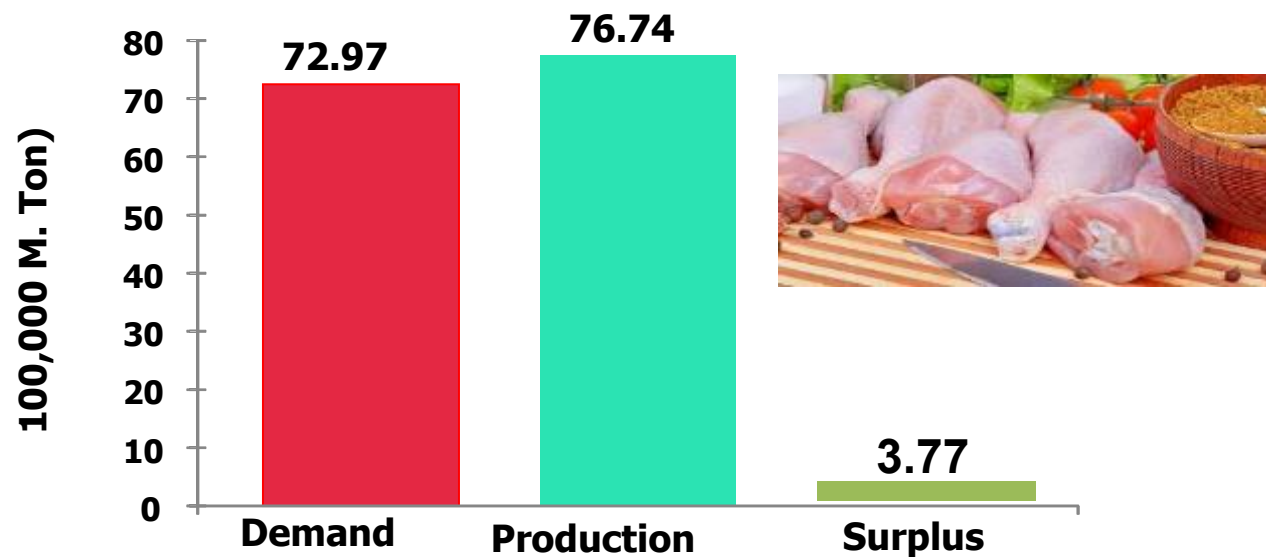


# Livestock Population (Chicken and Ducks)

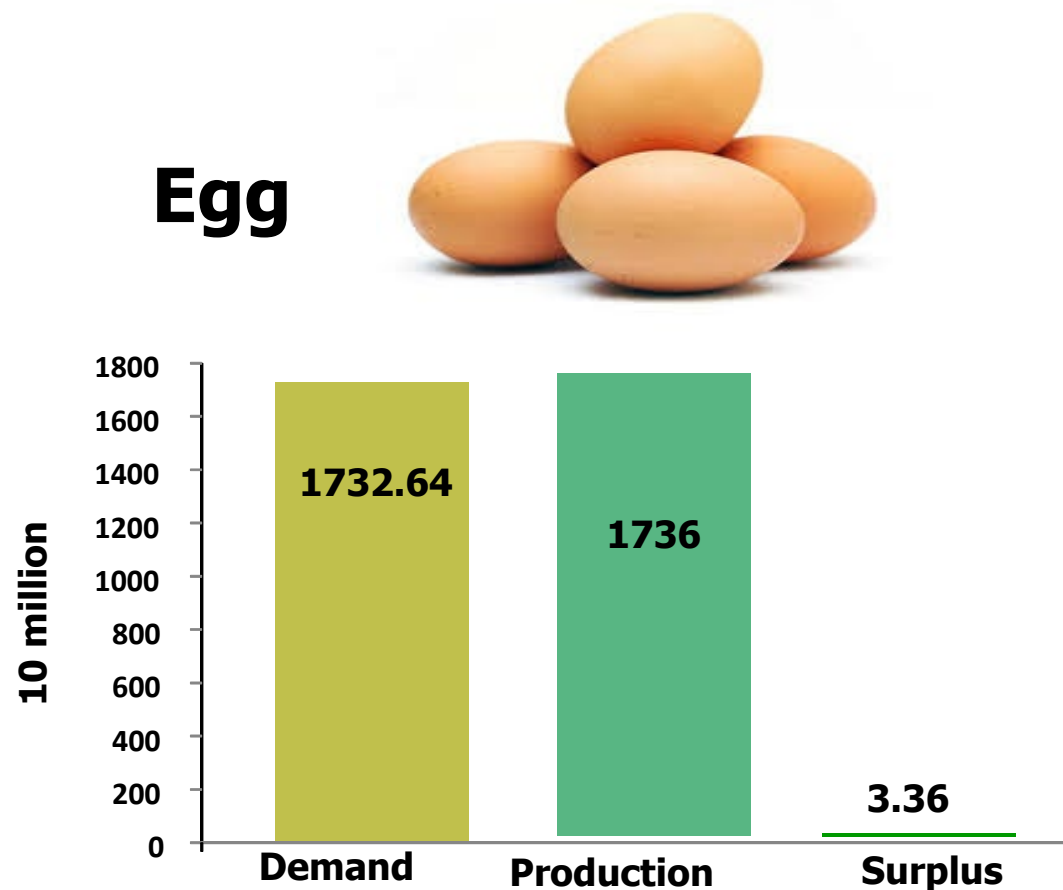


# Key Livestock Production Outputs (Demand vs Supply): Meat & Eggs

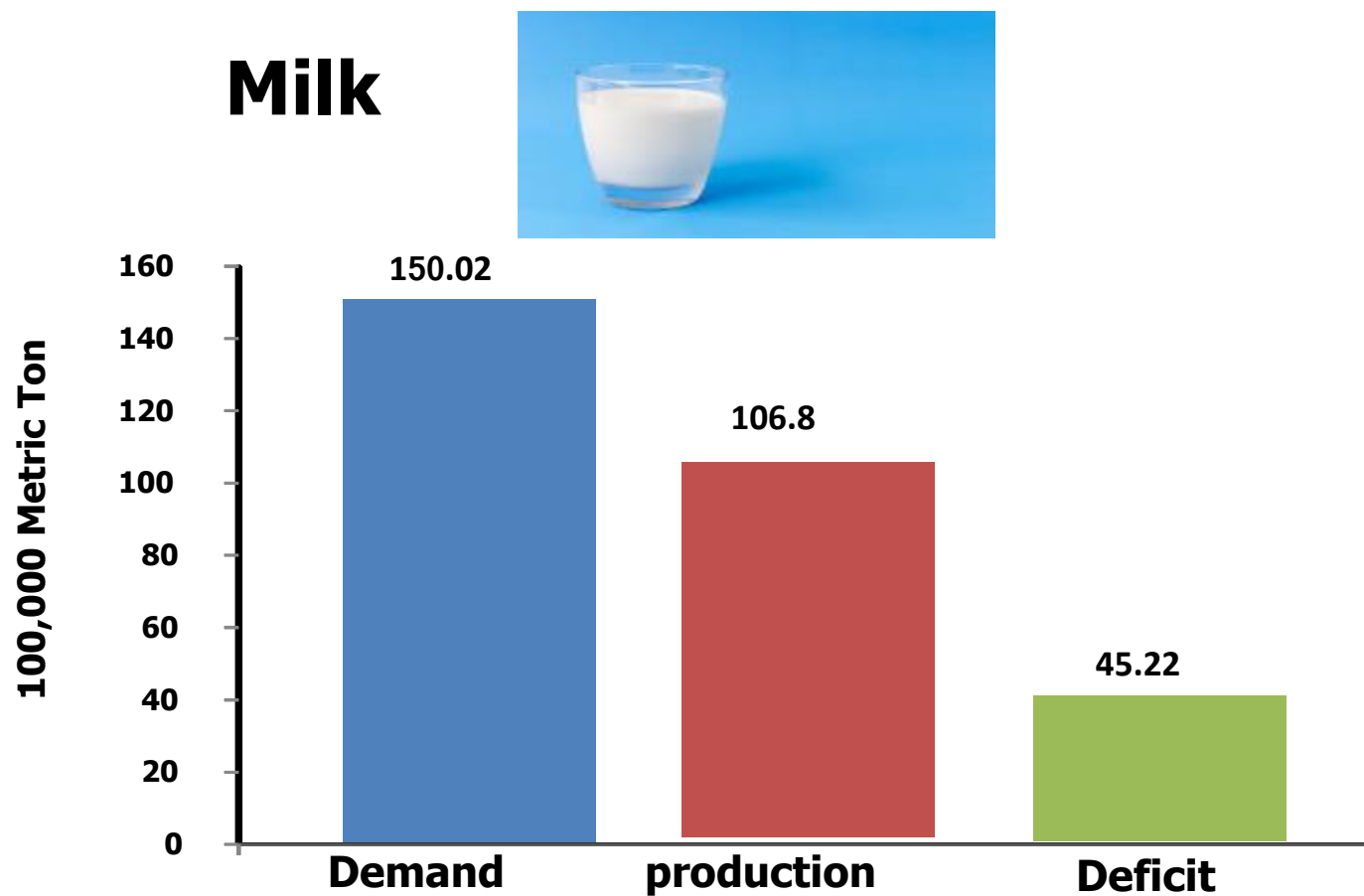
## Meat



## Egg

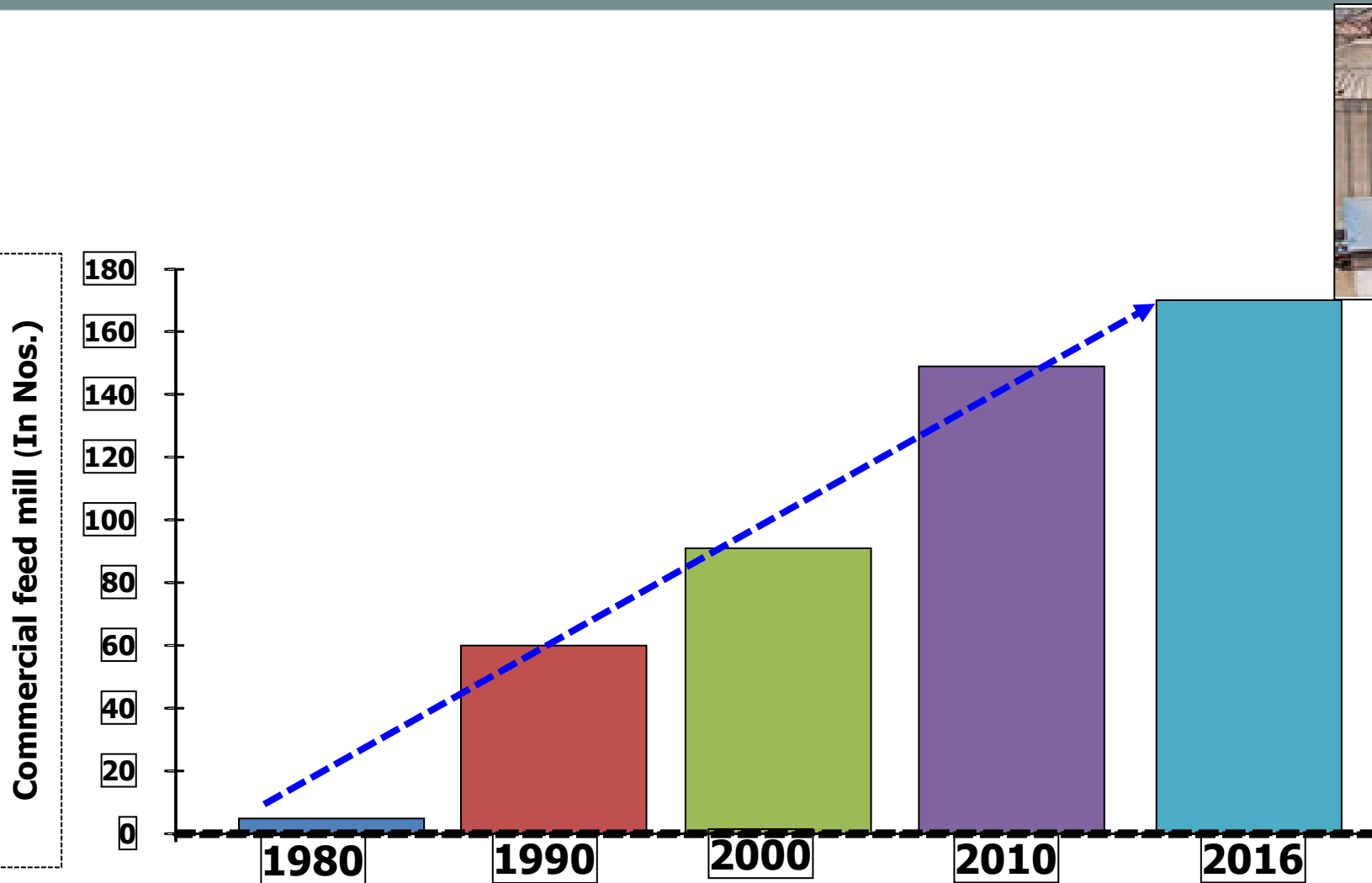


# Key Livestock Production Outputs (Demand vs Supply): Milk





# Backward linkage for livestock production (feed mills)



❖ Feed manufacturing: **198 feed mills** produces **4 million tons** feed/year

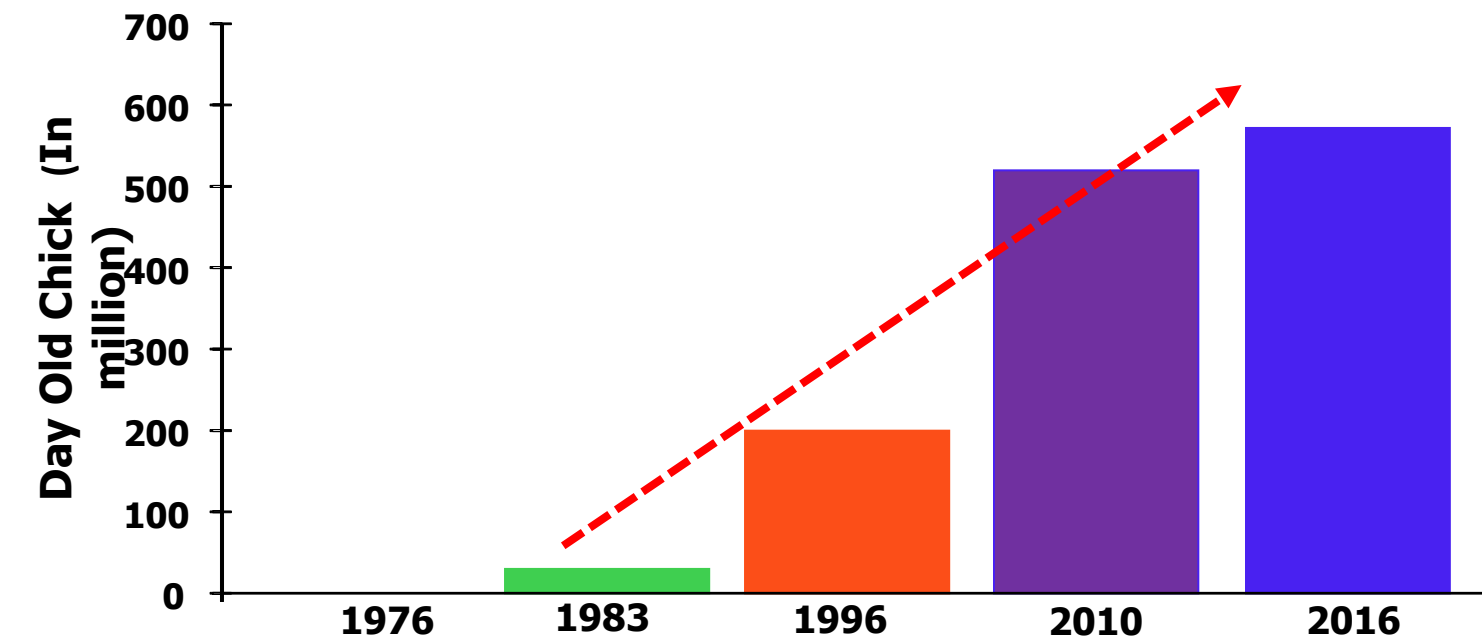


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# Backward linkage for livestock production (PS/GPS Hatcheries)



❖ Around 206 parent stock farms produce day old chicks **(15 million/week, Broiler)**, Layer chicks **(6 lakh/week)**, eggs **(25 million/day)**

# Livestock farmers

Category of farmers	Number
Dairy Farms	65,834
Beef Fattening farms	283
Buffalo Farms	40
Goat Farms	4,770
Sheep Farms	3,872
Poultry Farms (Layer)	20,152
Broiler Farms	56,043
Duck Farms	8,107
Hatchery/Parent Stock	248



# Relevant context in trade obligations and Progress

- ❑ Movement control of animals and animal products:
  - ✓ Limited control arrangements in all land and air ports
- ❑ Negotiations with trading partners to sanitary and/or equivalence trading agreements:
  - ✓ some extend addressed
- ❑ Introduction of pilot animal identification, movement control and traceability issue:
  - ✓ Not adopted yet
  - ✓ Plan to adapt under WB finance project (LDDP)
  - ✓ For traceability Quality control (QC) lab has started
- ✓ Organizational and institutional reforms and improve standards as per OIE compliance
  - ✓ Organizational reform accomplished (first time), additional staff included
  - ✓ Updating of rules and regulation underway
- ❑ Establishment of the authority to apply compartmentalization for selected export enterprises
  - Some steps taken compartmentalization in beef production and export as well



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# Animal and animal Product trade

- **The exoexport contribution is USD- 87 Million (2019-20)**



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# Overview of veterinary workforce



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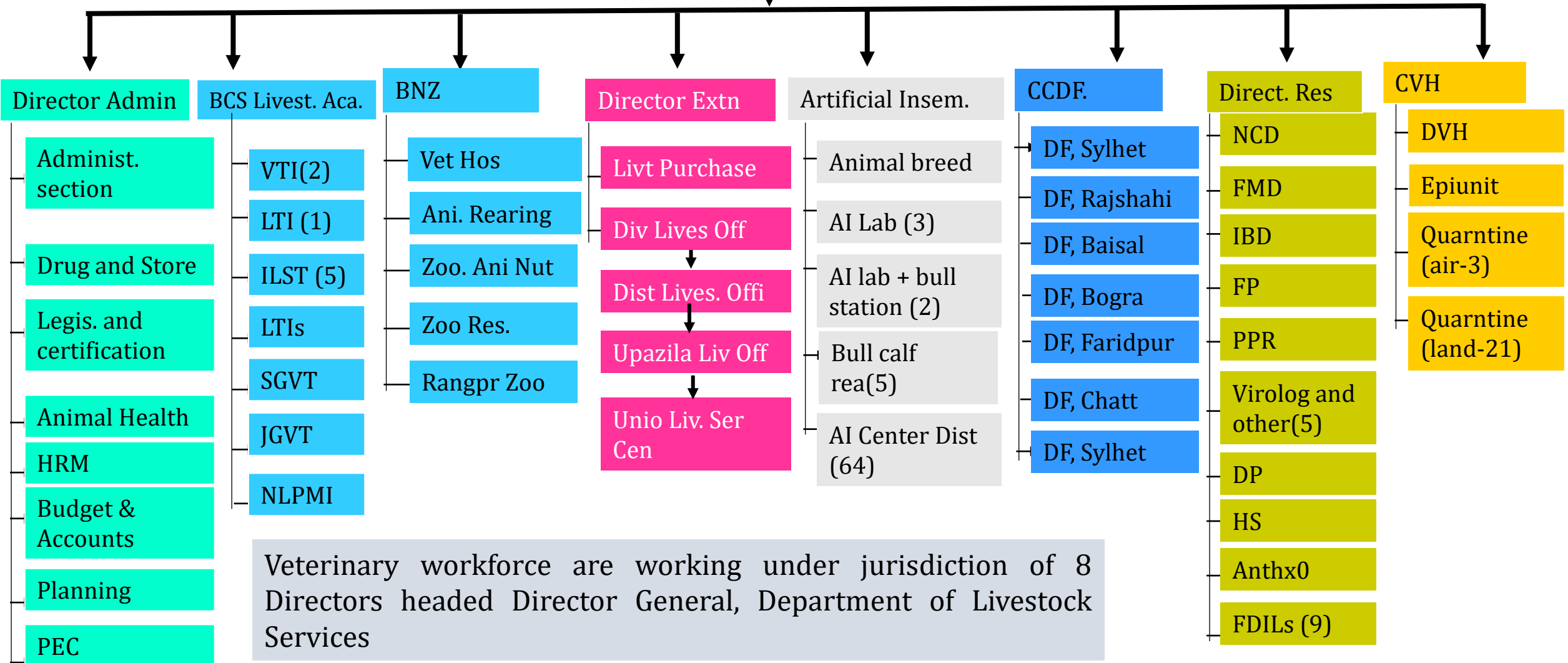
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# Veterinary Workforce

## Director General



# Veterinary workforce

	Public Administration	Private Accredited Practitioners	Total
<b>Veterinarians - Animal health</b>	1,725	4,528	6,253
<b>Veterinarians - Public health</b>	205	174	379
<b>Veterinarians - Laboratories</b>	165	203	368
<b>Veterinarians - Academic /Training Institutions</b>			1,250
<b>VPPs</b>	9,952	4,673	14,624
<b>CAHWs</b>	11,680	6,000	17,680



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# Overview of veterinary workforce

## Veterinarians

- ❑ Veterinarians working at different tiers of DLS organogram
- ❑ Support to livestock production by disease control and prevention activities
  - Disease diagnosis and treatment
  - Livestock extension services
  - Supervise animal vaccination
- ❑ Involvement with regulatory activities, food safety and public health issues.
- ❑ Involvement with vaccine production and diagnosis of diseases at Central and regional level.



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# Overview of veterinary workforce

## VPPS

- ❑ VPPs are working primarily at field level
  - ✓ To support to the veterinary health care services
  - ✓ To ensure primary treatment and vaccination for livestock
  - ✓ Livestock extension activities
  - ✓ Surveillance
  - ✓ Work with CAHWs
  - ✓ Supporting Farmers Field School (FFS)/Farmers Training (FT)/awareness programme
- ❑ VPPs assist in regulatory activities with the veterinarian

# Overview of veterinary workforce

## Main challenges for the veterinary workforce

- There is a general shortage of personnel.
- There is a shortage of personnel concerning specific areas only.
- Lack of logistic facility in sub district level
- No government-supported programmes to encourage young people to study to become veterinarians or VPPs.



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# Overview of veterinary workforce

## Main challenges for the veterinary workforce

- Inadequate vet and paraprofessional at all levels (central and local) considering current demand of livestock production (high number animal farms/farmers)
- Insufficient skills of emerging needs in the relevant areas like food safety, animal movement control and disease diagnosis etc
- Inadequate support services, vehicles, operational expenses
- Government high level persuasion/attention



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# Overview of veterinary workforce

## Current approaches for supporting veterinary service performance

- Vets: Training on management of Mastitis, reproductive, and metabolic diseases; on AMR; on Field Epidemiology Training Programme; BAHIS; Upazila to Community (U2C) for surveillance etc.
- For VPPs: Training on Professional development and other training on specific field.
- For CAHWs: Training on Livestock Service Provider and other project specific training.



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# Overview of veterinary workforce

## Current approaches for supporting veterinary service performance

- CE for veterinarians and VPPs arranged by government especially who are working in government sector
- NGO arrange training for nongovernment VPPs and veterinarians
- International organization like FAO, USAID arrange training for veterinarians and VPPs on emerging issues: new disease/surveillance/AMR
- Proportion women vets is higher than VPPs working government and nongovernment sector in current situation



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## Solutions to workforce challenges and examples of VPP activities

- Capacity building of VPPs through professional training
- Government support programmes for VPPs such as loans/grants to be self-employed and/or to set up in rural areas.
- Awareness programme to encourage young personnel to become VPPs.
- Encourage women's participation in the veterinary workforce.



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# Solution



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# Solutions to workforce challenges and examples of VPP activities

- Need-based training for vets and VPPs like zoonotic disease surveillance & detection; food safety and public health; trade compliance/sanitary and phytosanitary issue etc.
- Training on laboratory management.
- Training on animal movement control/ border control, animal and animal goods traceability etc for vets VPPs



*National Quality Control Laboratory*





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