

## ASIA AND PACIFIC COMMISSION ON AGRICULTURAL STATISTICS

**TWENTY-SEVENTH SESSION**

**Nadi, Fiji, 19 – 23 March 2018**

**Agenda Item 10**

**Mongolia experience on generating livestock statistics**

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# **Key surveys, their frequency livestock indicators collected and collection methods from Mongolia**

Report/Survey (Frequency)	Livestock Data/Indicator
Agricultural census (every 10 years, by census every 5 years)	Labour, production, sales, land, machinery and equipment, well, water Bassein, fences, land degradation, services for livestock production, food supply
Livestock census (every census)	Number of livestock, by type, age, HH, labour, changes of livestock, losses and births, breeding type, HH social indicators
Livestock semi-annual sample survey	Number of livestock, ty type, age group, livestock insurance, losses, births

Report/Survey (Frequency)	Livestock Data/Indicator
Livestock births, survivals, losses (XAA -1) (3-5, 9-12 months)	Births of dam livestock, new born livestock, losses of new born animals, survivals
Losses of adult animals (XAA -2) (1-5, 9-12 months)	Lost animal, lost from diseases, lost dam livestock
Livestock main product market price survey (XAA -3) (each months)	Livestock price, by type, other animal prices, by type, price of livestock products

Report/Survey (Frequency)	Livestock Data/Indicator
Annual revenue and expenditure survey	Address, turnover, sales, total expenditure, inventories/stock, service cost and expenditures, raw material cost, number of employees, wages and salaries, capital formation
Yield survey on livestock (every 5 year)	General information, milk yield, by type, yields of wool, cashmere, mould, hair, by type
Producers' price survey on livestock products (every 5 year)	General information, livestock products (livestock, meat, milk, wool, cashmere, hide and skin)

Report/Survey (Frequency)	Livestock Data/Indicator
Household income and expenditure survey (every 5 year)	General information, income, cost and expenditure
Yield survey on livestock (every 5 year)	General information, milk yield, by type, yields of wool, cashmere, mould, hair, by type
Producers' price survey on livestock products (every 5 year)	General information, livestock products (livestock, meat, milk, wool, cashmere, hide and skin)

# Livestock census questionnaire

## Indicators- updated

1. Information about household, enterprise
2. Information about herder (age, marital status, education, have cellphone, use internet, loan, insurance, member of cooperative) - **NEW**
3. Information about professional worker
4. Livestock insurance - **NEW**
5. Changes of livestock
6. Intensified farmers - **NEW**

# Livestock census

## Indicators

7. Other animal, their production
8. Animal breeding
9. Prepared hay, feed, dung, conglomerate, fuel wood  
- **UPDATED**
10. Used machinery and equipment
11. Well, water Bassein
12. Fences of animal
13. Information about herder - **UPDATED**



# Main activities of Livestock sector

- According to ISIC 4.0 livestock production belongs to the Group-014.
- Animal production includes raising (farming) and breeding of all animals, except for aquatic animals.

# Main products of Livestock

- Livestock (horse, cattle, camel, sheep, goat, **reindeers, donkeys, pigs, poultry, bees and rabbits**)
- Meat (horse, cattle, camel, sheep, goat, pig, poultry)
- Milk (horse, cattle, camel, sheep, goat)
- Wool and cashmere (camel wool, sheep wool, goat cashmere and hair, horse mould and hair, cattle mould and hair)
- Hide and skin (horse, cattle, camel, sheep, goat)

# Main indicators of Livestock sector

- Production statistics
- Sequence of intuitional accounts (GVA, Output, Intermediate consumption and etc.)
- Livestock labour statistics
- Food security indicators
- Agricultural economic accounts
- Livestock price statistics
- Livestock yields and productivity

# Main indicators of Livestock sector

- Data on external trade in live animals
- Linking livestock production systems to rural livelihoods and poverty
- Livestock stock/inventory
- Livestock GFCF
- Dairy products

# Main indicators of Livestock sector

- Herd composition, demographics and breeding practices
- Land
- Livestock housing
- Water access
- Veterinary services
- Vaccinations and disease treatments;

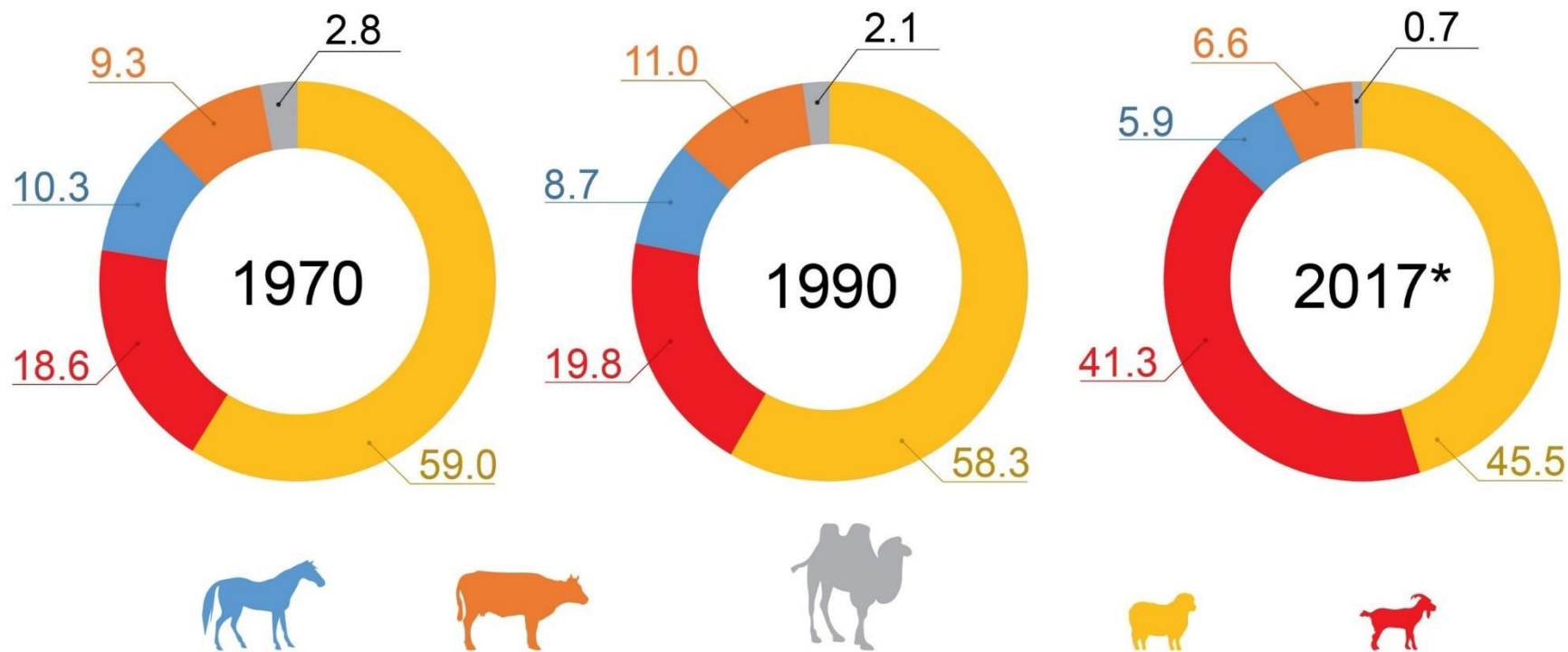
# Main results of Livestock census 2017

**AT THE END OF 2017, 66.2 MILLION  
OF LIVESTOCK WERE COUNTED**



# Main results of Livestock census 2017

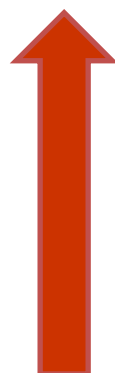
## STRUCTURE OF LIVESTOCK



# Main results of Livestock census 2017

## NUMBER OF HHs, by livestock grouping

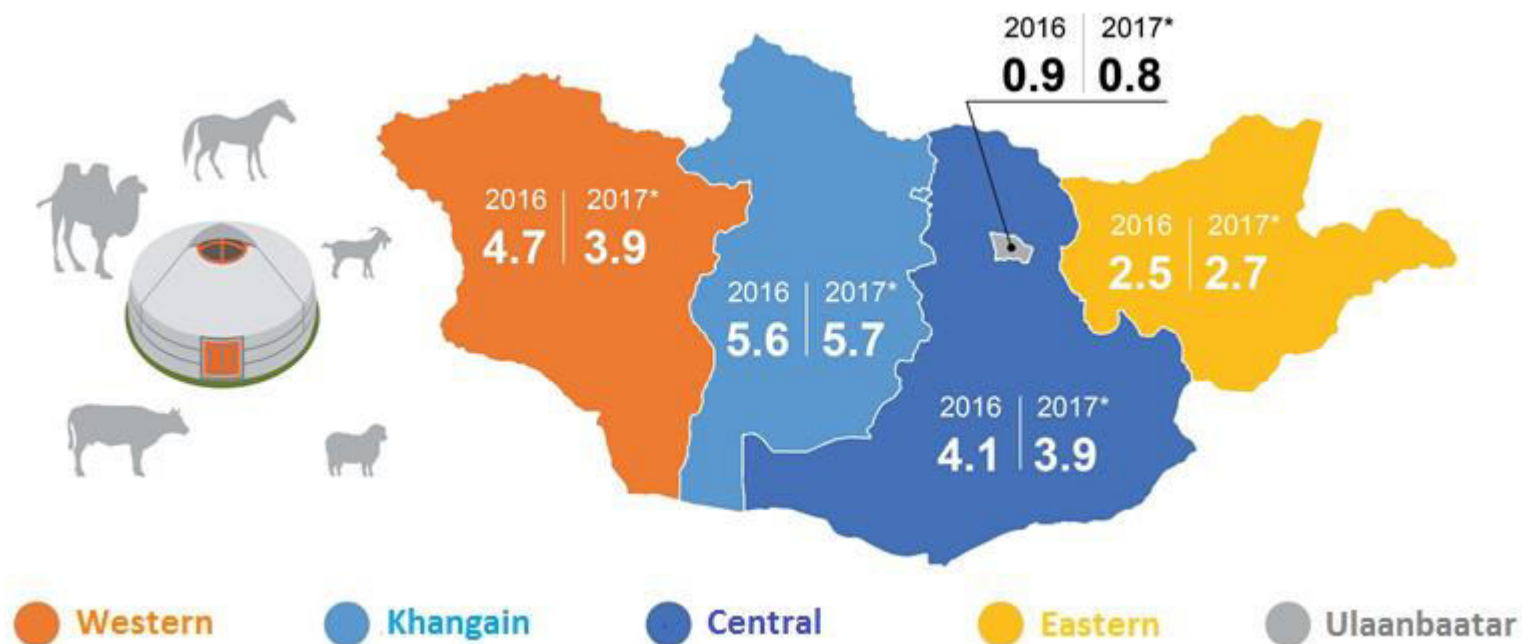
Grouping of livestock	Number of HHs with livestock		Share to total	
	2016	2017	2016	2017
Total	223.7	228.9	100.0	100.0
<=50	49.1	48.4	21.9	21.1
51-200	75	74.4	33.5	32.5
201-500	63.1	65.3	28.2	28.5
501-999	26.6	29.5	11.9	12.9
1000-2000	9.3	10.6	4.2	4.6
2001 <	0.6	0.7	0.3	0.3





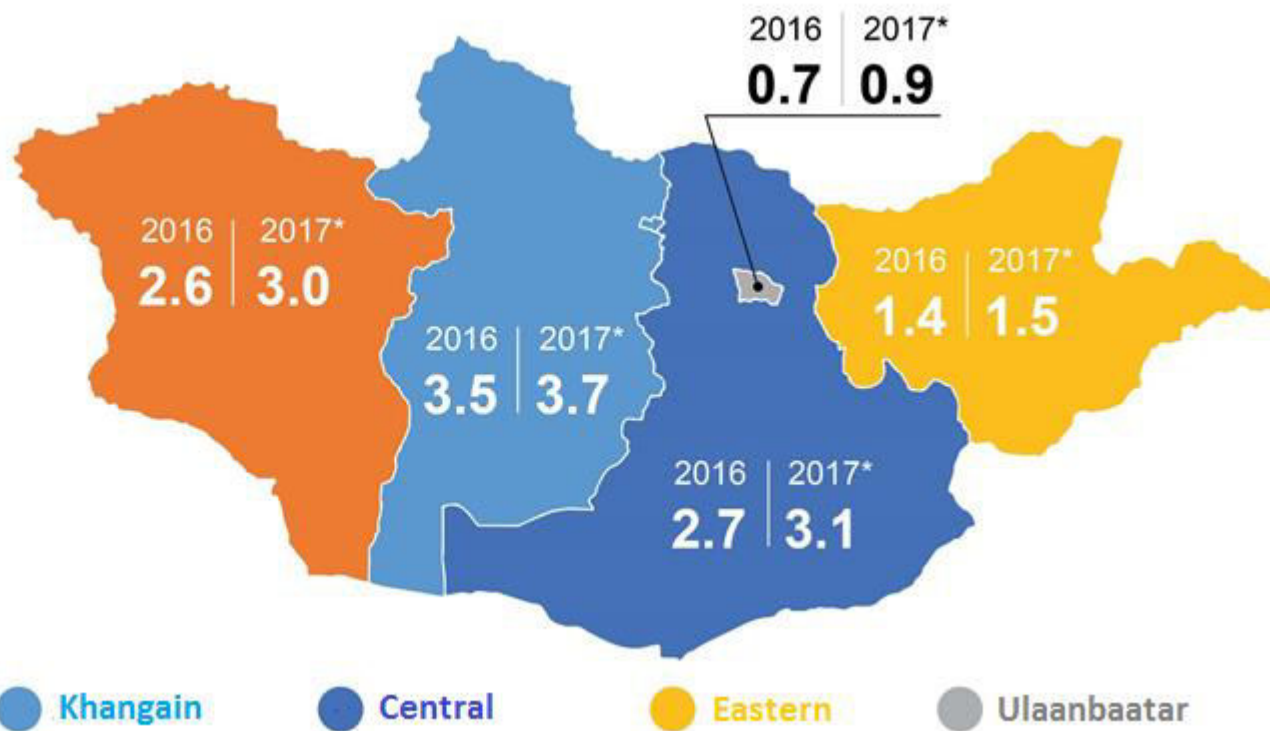
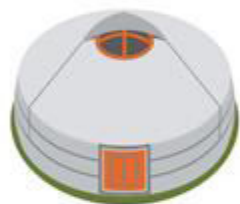
# Main results of Livestock census 2017

**HHs WITH NEW LIVESTOCK OR FIRST TIME PARTICIPATED IN LIVESTOCK CENSUS, by region, thous. HHs**



# Main results of Livestock census 2017

## HHs without livestock, by region and thousand HHs



# Areas for further improvements

For national accounts:

- review the national accounts for the agricultural sector, identify data needs, assess the availability and quality of existing data
- identify data weaknesses and gaps and determine priorities for improving the agricultural data for the national accounts;
- identify special studies needed to update input ratios and other factors used in the preparation of the national accounts;
- improve current methods of estimating milk production.

# Areas for further improvements

For livestock statistics:

- evaluate all aspects of livestock statistics, including the timetable of data reporting of livestock numbers, data items reported, reporting forms used, methodologies for estimating livestock production, availability of other data sources for preparing the statistics, and data quality;
- assess alternative data reporting/collection strategies for livestock data and develop a programme of statistical activities, including administrative reporting, censuses and sample surveys to provide these data;

# Areas for further improvements

For livestock statistics:

- review the current frequency of annual livestock census in order to gradually switch over the traditional methods that are currently being utilized to modern record-based methodology used by developed countries;
- develop food balance sheets
- develop agro-environmental statistics

**Thank you**