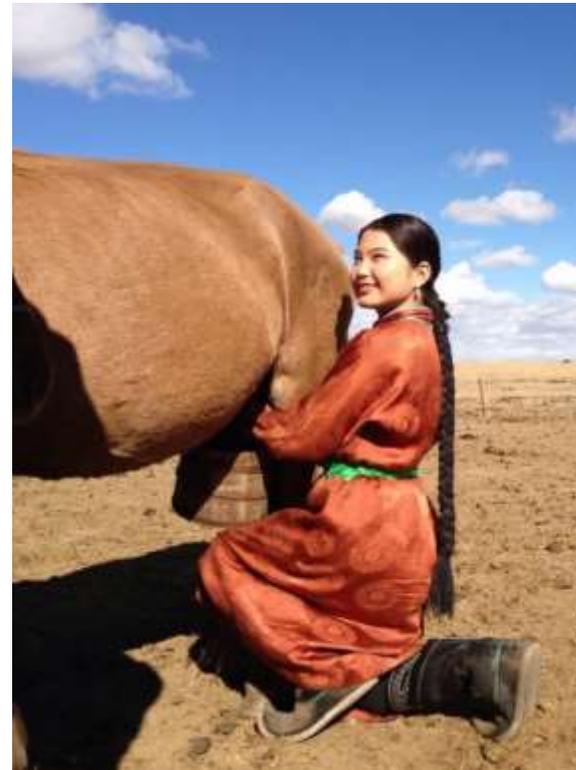


# Integrating gender-related questions in Mongolia's Livestock census to assess women's herders' needs

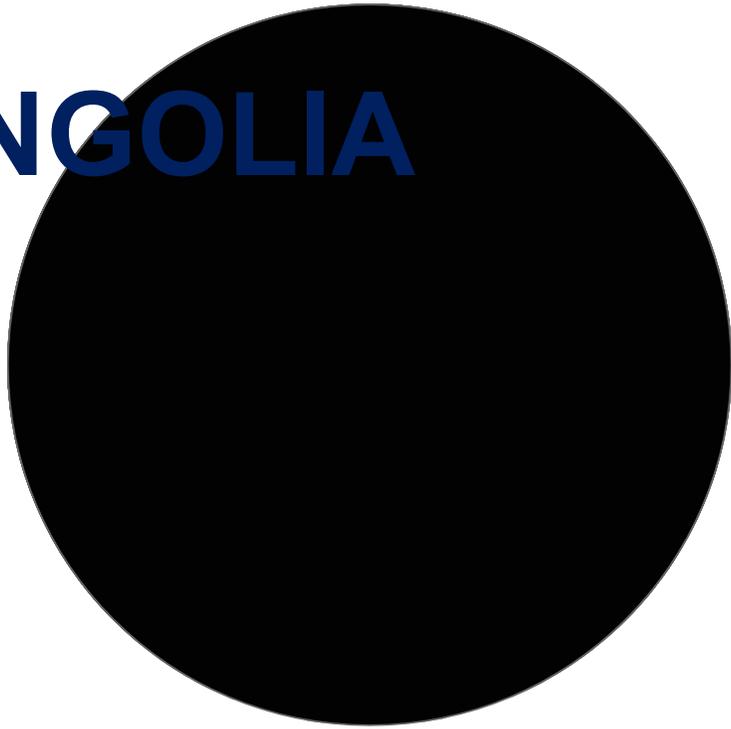


AMARBAL Avirmed  
Director,  
Population and Social Statistics Department,  
National Statistics Office of Mongolia



Bangkok, Thailand  
03/09/19

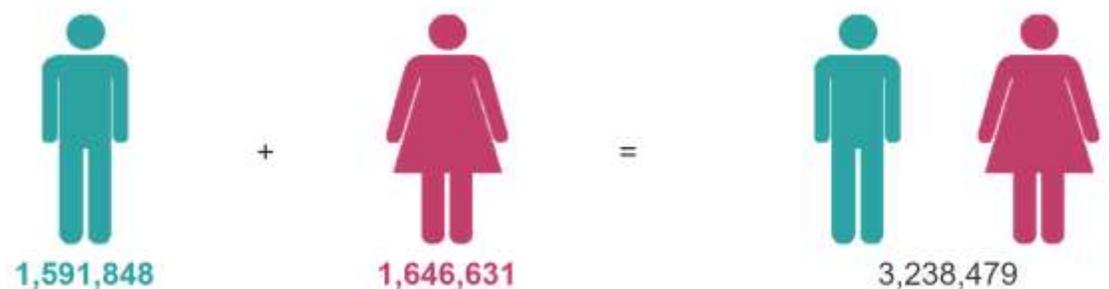
# MONGOLIA



- Land area: **1,564,116 km<sup>2</sup>**
  - Mongolia is the 18th-largest and the most sparsely populated sovereign state in the world. It is also the world's second-largest landlocked country and the largest landlocked country that does not border a closed sea.
- Capital: **Ulaanbaatar**
  - Ulaanbaatar also shares the rank of the world's coldest capital city with Moscow, Ottawa, and Nur-Sultan.
- Official language: **Mongolian**
- GDP: **\$43,174 billion**

- Population: **3,238,479**

- 3.7 percent of the total population are under 35 years of age. Specifically, 30.9 percent or 1,002,052 of the total population are children aged 0-14 years, 62.4 percent or 2,020,696 people aged 15-59 and 6.7 percent or 215,731 are seniors aged 60 and older.



# CONTENT

- Legal framework
- Methodology and classification
- Statistics data of agriculture sector
- Agricultural software
- Integrating gender-related questions in Mongolia's Livestock census
- Data dissemination

# 1. LEGAL FRAMEWORK

## Mongolian law on Statistics

- Livestock and domestic animal census
- Fence, well and fodder census
- Agriculture census
- Indicators of official statistics, estimation

1966

...

2019

Next  
2021

National Program on Developing Official Statistics

## 2. METHODOLOGY AND CLASSIFICATION

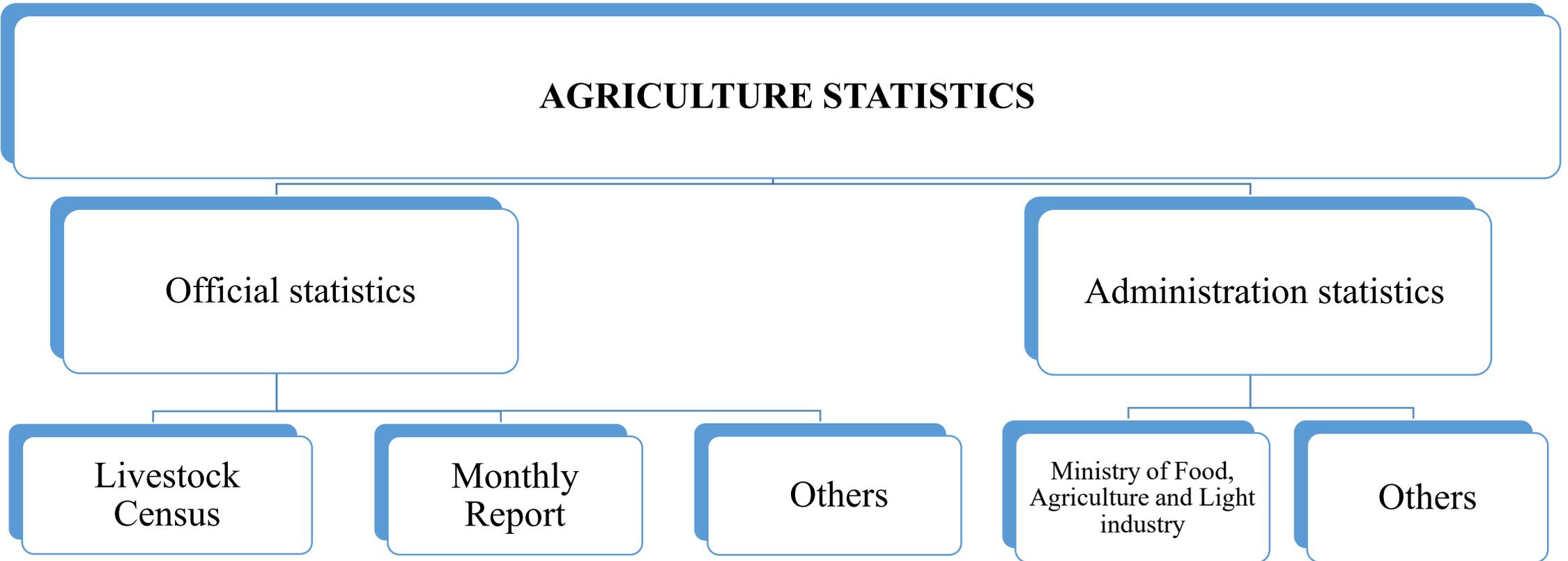
Current methodology used in Agriculture sector

- Methodologies to estimate statistics indicators of Agriculture sector
- Methodologies to estimate the indicators of Food security and supply
- Methodologies to estimate GDP and GNI
- Principles and guidelines of Agriculture census and Livestock census

Current classification used in Agriculture sector

- International standard industrial classification for all economic activities Rev.4.0
- The Central Product Classification (CPC-2.0)
- Administrative unit code

### 3. STATISTICS DATA OF AGRICULTURE SECTOR



## 4. FREQUENCY OF AGRICULTURE STATISTICS

Censuses	Frequency	Indicators
I. <i>Agriculture census</i>	Every 10 year	752
by-census	Every 5 year	209
2. Livestock and domestic animal census	Annual	31
Half-year livestock census	Annual	
3. Fence, well and fodder census	Every 3 year	



## 5. ABOUT LIVESTOCK CENSUS

- **Frame:**

- ✓ all aimags, capital, soums and district (at national level)
- ✓ with livestock:
  - Household /household with livestock, herder household/
  - Enterprises and organization

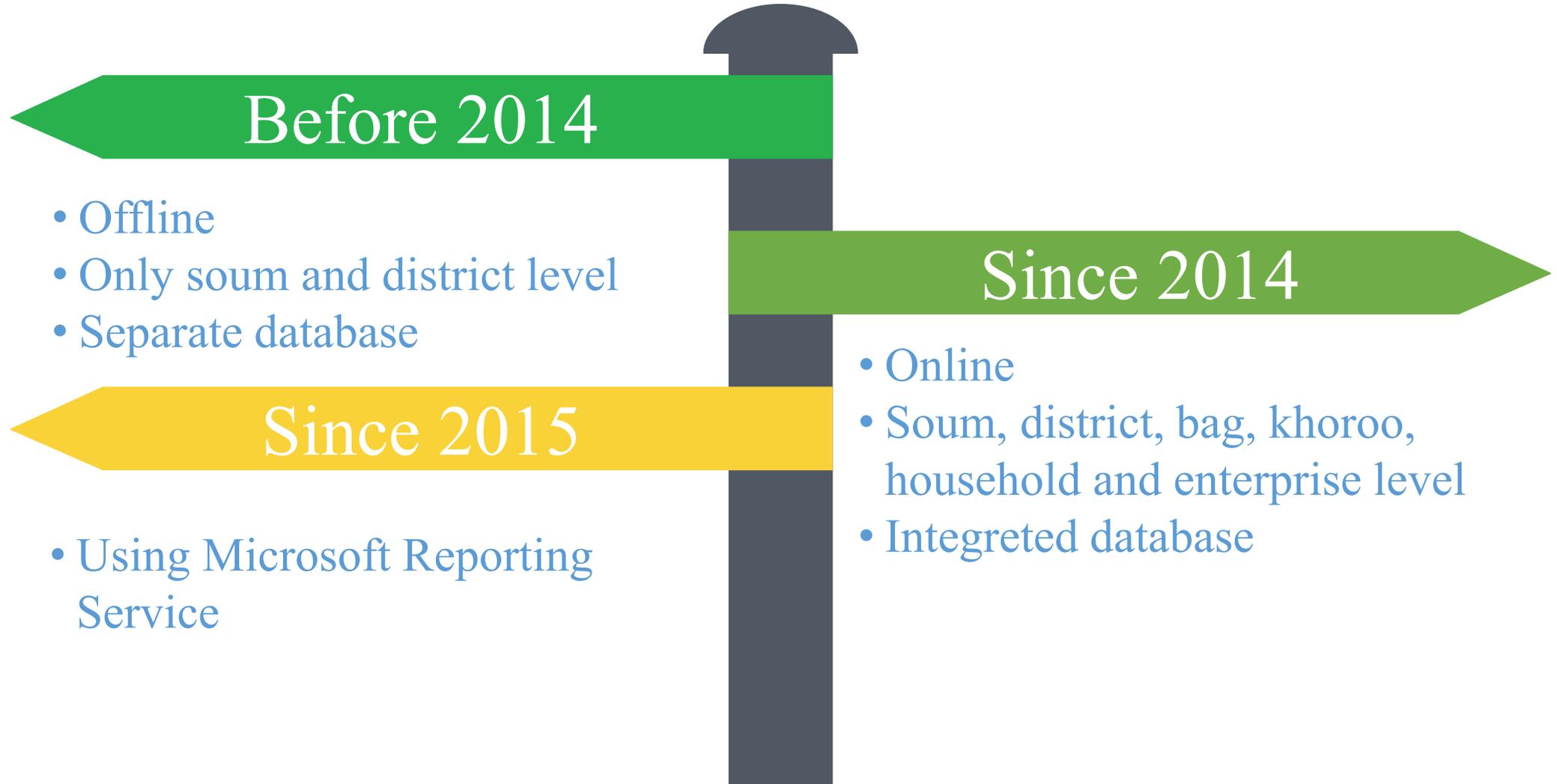
- **Census frequency:**

- ✓ at the end of the year, once

- **Duration:**

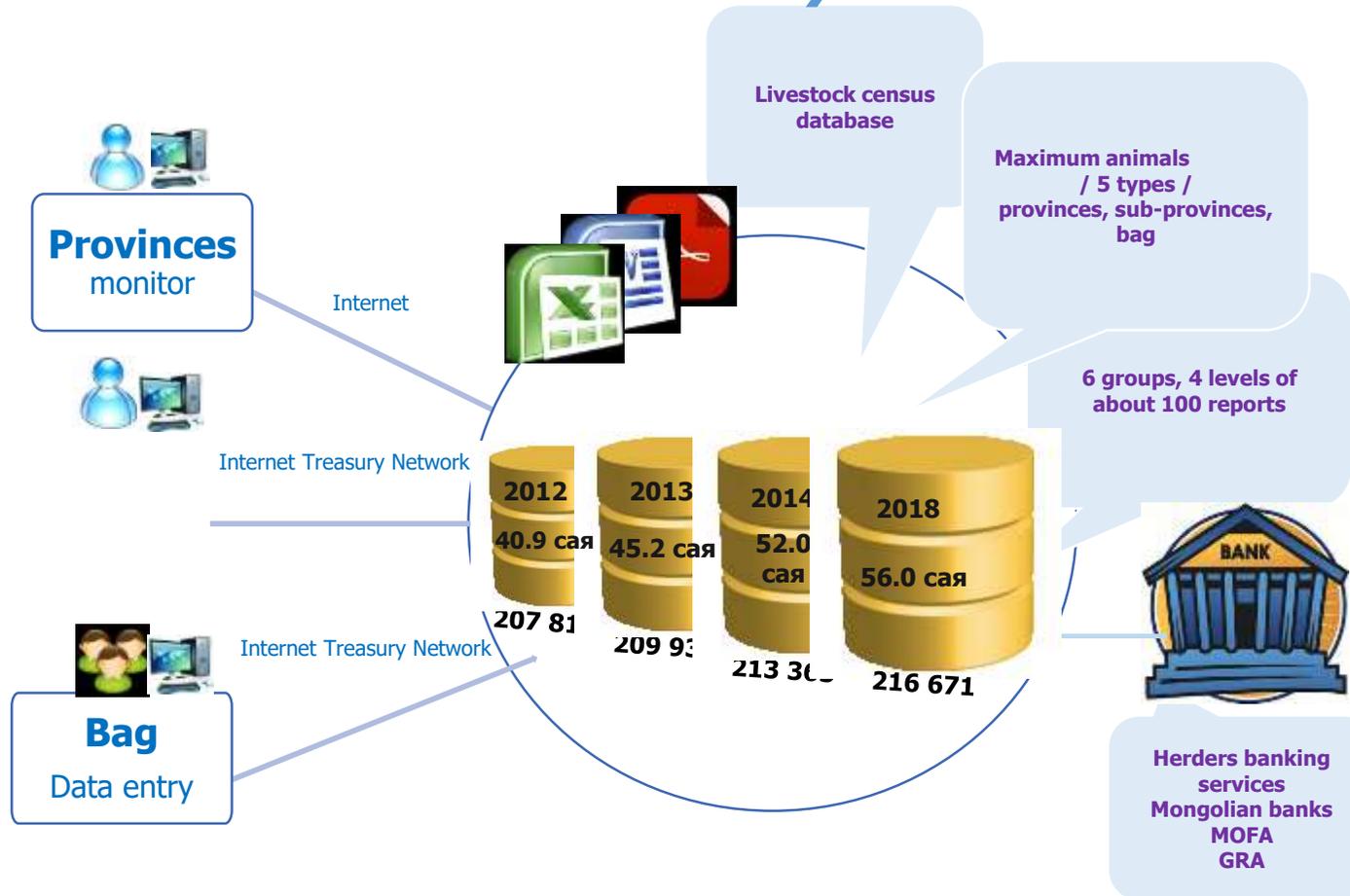
- ✓ 10 days, during 7-17 December
  - Corresponds with production year of livestock
  - Herders settles in their residence
  - Livestock income and expenditure flows are stagnated

# LIVESTOCK CENSUS – ABOUT AGRICULTURAL SOFTWARE



# LIVESTOCK CENSUS – ABOUT AGRICULTURAL SOFTWARE

## *Livestock census online system*



# Integrating gender-related questions in Mongolia's Livestock census



**II. Herder information**

№	Surname	Name	Sex	Id number	Age	Ethnicity (could be proxied by language spoken at birth)	Total number of children living in the household	Age of children living in the household	Herders' Occupation	Disability status (use one of 5 categories - WG questions)	Marital status	Age at first marriage
			Male 1 Fema 2						Main Assistant		ONLY FOR HOUSEHOLD MEMBERS AGED 15 AND ABOVE  Use codes below	
A	1	2	3	4	5				6		7	
01												
02												
03												
04												
05												
06												
07												
08												
09												
10												
11												
12												
13												
14												
15												
16												
17												
18												

**Pilot Survey**







1	Ethnicity (could be proxied by language spoken at birth)	Household Database	
2	Total number of children living in the household		
3	Age of children living in the household		
4	Disability status (use one of 5 categories - WG questions)		
5	Age at first marriage	MICS/SISS	   
6	Age at first delivery		
7	Total number of animals owned by person	Ownership	
8	Land ownership under person's name		
9	House/ger ownership under person's name		
10	Car/other mean of transportation owned by person (name on property title)		

11	Average daily time spent taking care of children this month	Time-Use Survey
12	Average daily time spent taking care of ger this month (e.g. cleaning, repairs)	
13	Average daily time spent on agricultural activities this month	
14	Average daily time spent taking care of animals this month (including taking them out and back in, attending births, giving water, milking, cleaning, combing, shaving, giving food, other)	
15	Average daily time spent on animal milking	
16	Average daily time spent on preparation of animal products this month (including processing of dairy products)	
17	Are you in charge of processing animal products, including dairy (yes, alone / yes, with husband / yes, with children/ yes, with husband and children/ no, husband alone / no, children alone/ no, someone else)	LFS
18	Average daily time spent on animal shelter care (including construction, repair, cleaning)	Time-Use Survey
19	Average daily time spent on animal product sales	Ownership
20	Are you usually in charge of animal product sales? (yes, alone / yes, with husband / no, husband alone / no, someone else)	
21	Are you usually in charge of administering money from animal product sales? (yes, alone / yes, with husband / no, husband alone / no, someone else)	
22	Usually in charge of collecting water (yes, alone / yes, with husband / yes, with children/ no, husband alone / no, daughter alone/ no, son alone / no, someone else)	Time-Use Survey MICS
23	Average daily time spent on water collection this month	Time-Use Survey MICS
24	Average daily time spent on fodder/firewood/spice collection	
25	Do you usually perform any of these activities simultaneously? If yes, select which ones (Taking animals in/out, milking, shaving, processing animal products, cleaning animals and stables, caring for children, cooking, collecting water, collecting fodder or wood)	

26	Usually in charge of making decisions regarding herding management, including managing size and species of herd, rotation and removals, herding times and locations (yes, alone / yes, with husband / no, husband alone / no, someone else)	Ownership
27	Usually in charge of making decisions regarding purchases and sales of animals (yes, alone / yes, with husband / no, husband alone / no, someone else)	
28	Usually in charge of making decisions regarding animal's health and veterinary visits (yes, alone / yes, with husband / no, husband alone / no, someone else)	
29	Usually in charge of making decisions regarding children's participation in herding (yes, alone / yes, with husband / no, husband alone / no, someone else)	
30	Usually in charge of making decisions regarding own healthcare (yes, alone / yes, with husband / no, husband alone / no, someone else)	
31	Usually in charge of making decisions regarding large purchases (yes, alone / yes, with husband / no, husband alone / no, someone else)	
32	Usually in charge of making decisions regarding daily household expenditures (yes, alone / yes, with husband / no, husband alone / no, someone else)	
33	Has another job/source of income besides herding-related? (yes/no)	LFS

# STATE INTEGRATED DATABASE

Database of General Authority  
for State Registration

Legal entity  
database

Property  
Information  
Database

Civil  
Information  
Database

ADDRESS DATABASE

Land Database

HOUSEHOLD  
DATABASE

**ID  
REGISTRATION  
NUMBER**

Family name  
Surname  
Given name

Health  
database

Education

Social insurance  
database

Employment

Welfare database

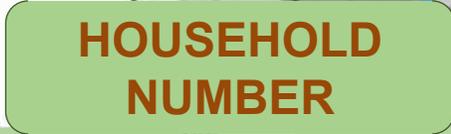
- State Administrative Bodies
- Research Organizations
- Other users
- Dissemination

Website, Year  
book, CD,  
Infographics

# CONNECTING DATABASES WITH KEY INDICATORS



Household Database



**HOUSEHOLD NUMBER**



Address information

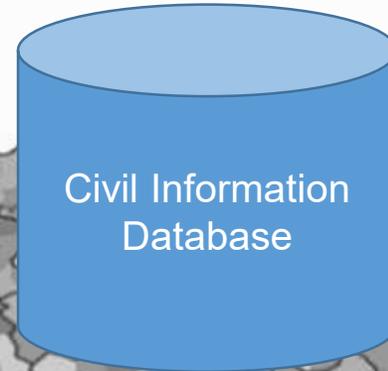


Household point

**ID REGISTRATION NUMBER**  
Family name  
Surname  
Given name



Address Information Database



Civil Information Database



Health



Welfare



Social Insurance



Database

**ID REGISTRATION NUMBER**  
**HOUSEHOLD NUMBER**



# Pilot Survey – 2019/2020

## LIVESTOCK AND DOMESTIC ANIMALS, FENCES, WELLS 20. . . CENSUS



### ID REGISTRATION NUMBER

Family name  
Surname  
Given name

1. Aimag city name		Code	
2. Soum, district name		Code	
3. Bag, khoroo name		Code	

<b>1. Household Information</b>			
<b>a. Main household information</b>			
5. Household Registration number			
6. Surname of Head of the household			



II. Herder information					
№	Surname	Name	Sex		Id number
			Male 1	Fema 2	
A	1	2	3	4	
01					



Next 2021

**Household Income and Expenditure Survey**

Every year

Labor Force Survey

Every year

MICS/SIS

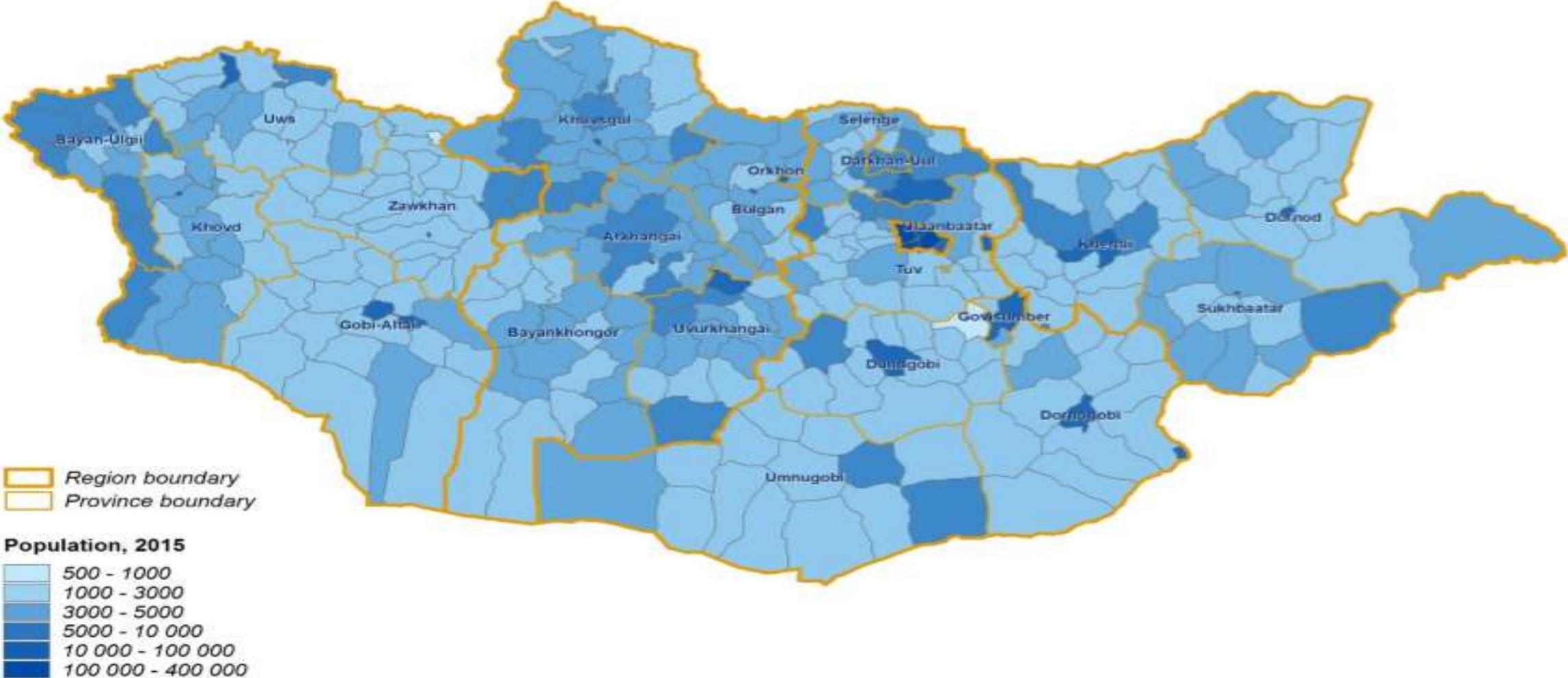
Every five year

Time-Use Survey

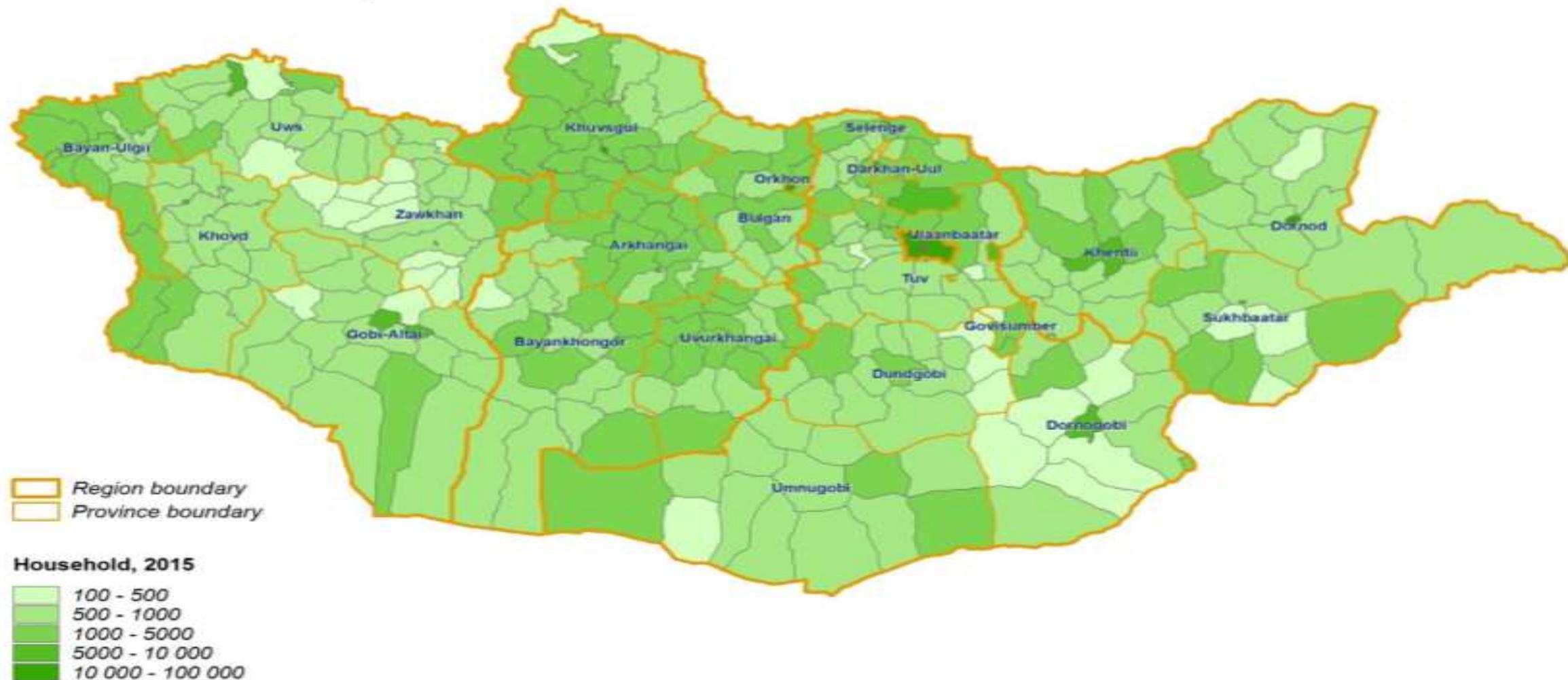
Every five year

Ownership

# POPULATION BY SOUMS AND DISTRICTS



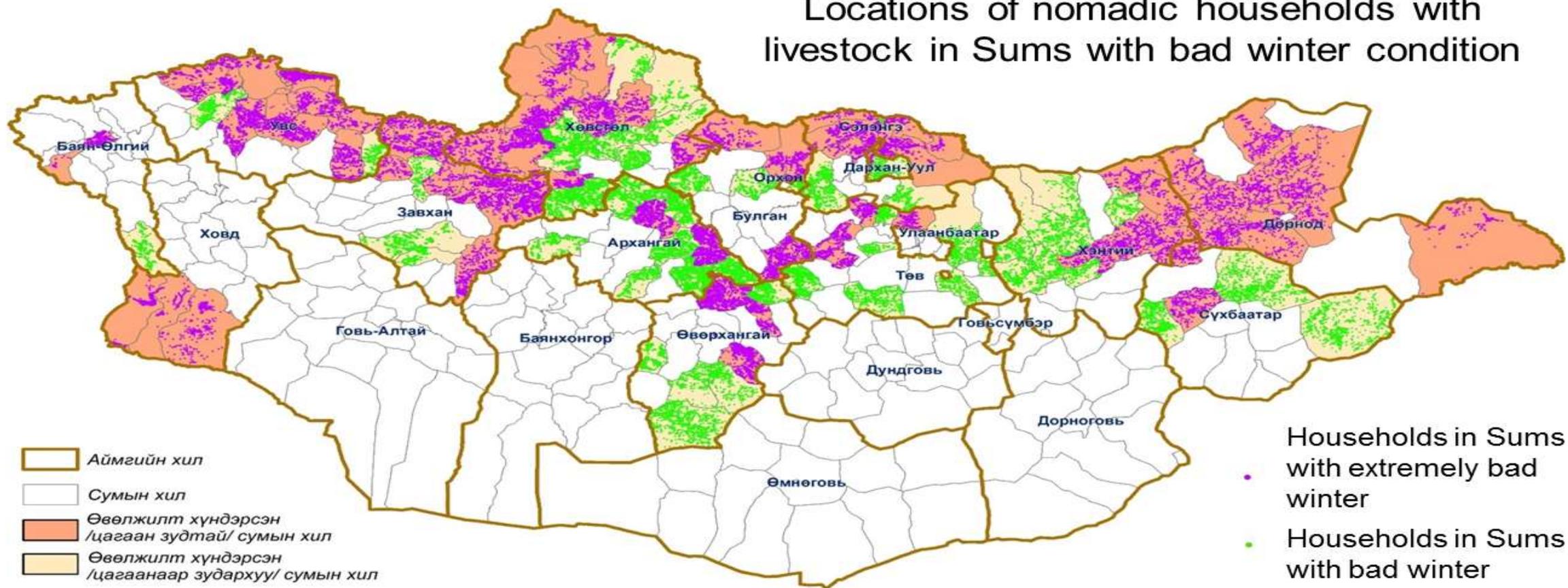
# HOUSEHOLDS OF MONGOLIA, BY SOUMS, 2015



# HOUSEHOLD DATABASE - HD

- Incorporation of household id number into the livestock census enabled further use of the geospatial statistical database.

Locations of nomadic households with livestock in Sums with bad winter condition



# LIVESTOCK CENSUS DISSEMINATION

- You can access to statistical integrated database [www.1212.mn](http://www.1212.mn) website and open data.

- Latest trends in the agricultural sector especially livestock production, main raw materials for manufacturing, amount of exports and imports, number of herder households, quality of veterinary service, number of wells and water points, size of harvested yield and cropland are summarized in **Annual report of Agricultural Sector.**

MONGOLIAN STATISTICAL INFORMATION SERVICE

STATISTICS PUBLICATIONS GEOGRAPHIC INFORMATION SYSTEM CENSUS DATABASE SDG HOMO STATISTICS

NATIONAL STATISTICS OFFICE

Social and economic situation of Mongolia in the first half of 2019

ADMINISTRATIVE UNITS, TERRITORY

ELECTION

POPULATION

GENDER

FAMILY, CHILDREN

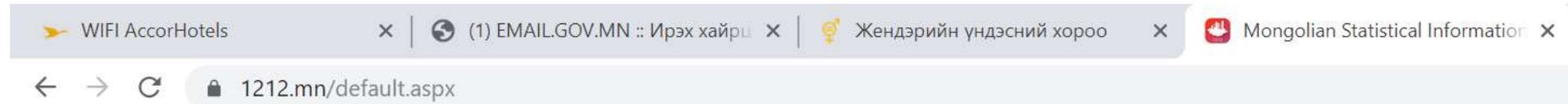
LABOUR FORCE, UNEMPLOYMENT

NATIONAL ACCOUNTS

CONSUMER PRICE INDEX



# Data dissemination



## MONGOLIAN STATISTICAL INFORMATION SERVICE

LOGIN | FACT QUIZ | TERMS OF USE | CONTACT US | MN

STATISTICS PUBLICATIONS GEOGRAPHIC INFORMATION SYSTEM CENSUS DATABASE SDG HOMO STATISTICS

NATIONAL STATISTICS OFFICE

### Social and economic situation of Mongolia

As of July 2019

READ MORE

METADATA



MICRO DATA



METHODOLOGY



OPEN DATA

### POPULATION



This section presents statistics on the growth, age and sex, distribution and vital statistic characteristics as births, deaths, marr...

### GENDER



The traditional statistics explore, produce and disseminate data on men and women of their practical life, information surrounding po...

### ADMINISTRATIVE UNITS, TERRITORY



Administratively, Mongolia is divided into 21 aimags (provinces) and the capital city Ulaanbaatar. Aimags are...

### ELECTION



The section Elections provides statistics on presidential and parliamentary elections and election results of Mongolia. The data is...

### POPULATION



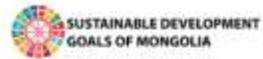
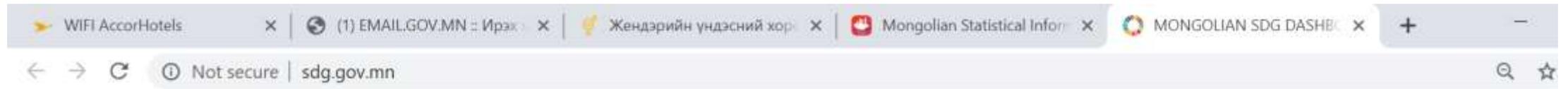
This section presents statistics on the growth, age and sex, distribution and vital statistic characteristics as births, deaths, mar...

### GENDER



The traditional statistics explore, produce and disseminate data on men and women of their practical life, information surrounding po...

# Data dissemination



## Goals

### SUSTAINABLE DEVELOPMENT GOAL OF MONGOLIA

In 2012, With the "Rio +20" Conference on Sustainable Development, where Governments decided to develop global Sustainable Development Goals (SDG's) are the continuation of the "Millennium Development Goals" that are due in 2015. The 70th session of the UN General Assembly adopted 17 goals and 169 targets of SDG's. SDG's have officially launched since 1st of January 2016.

[see more](#)





Home > Gender statistics

### GENDER STATISTICS



2018



Жендэрийн хөгжлийн индекс

0.732 0.764



Жендэрийн эрх мэдлийн хэмжүүр

0.529



Хүн ам

1591850 1646630



Дундаж насралт

66.11 75.78



Төрөлт

40260 38184



Нас баралт

10782 7082



Гэрлэлт, цуцлалт

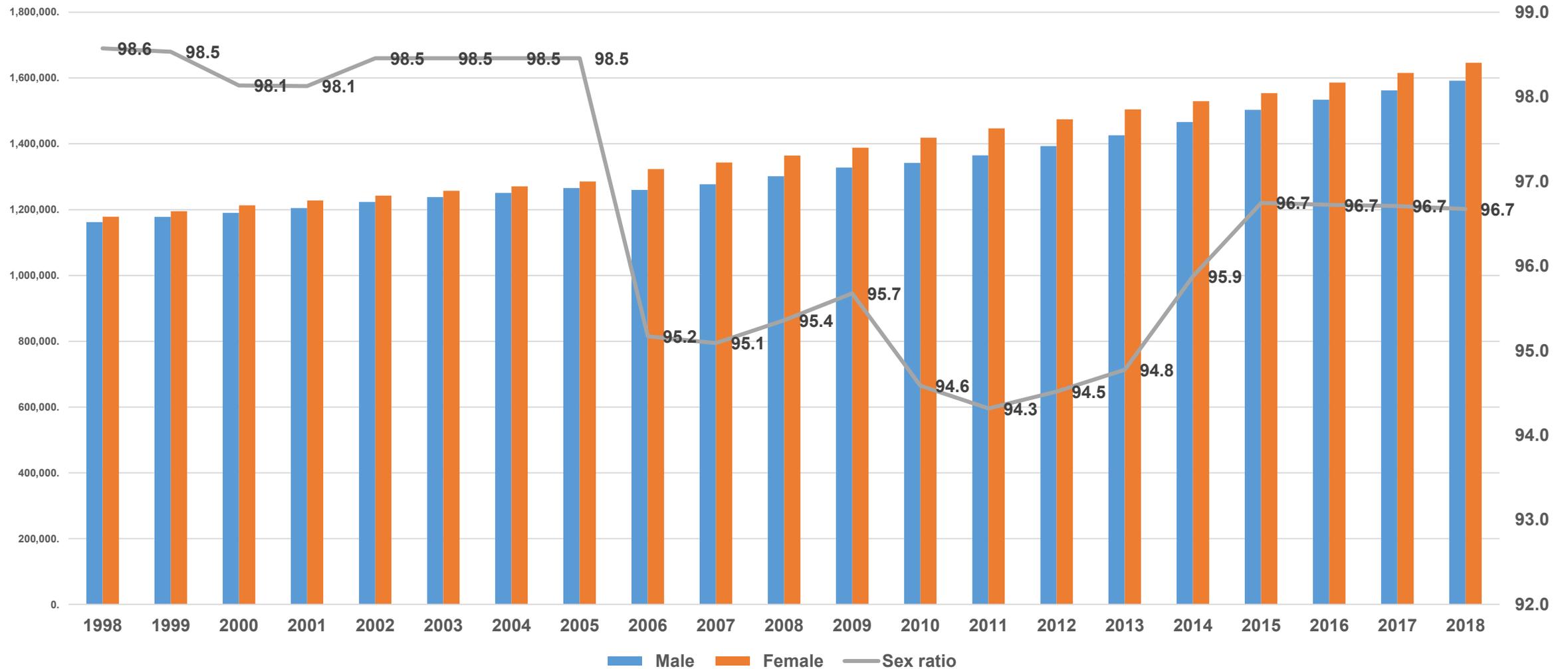
21020 4201



Өрх толгойлсон хүн

19135 72035

# Sex ratio of the population (X males in 100 females)



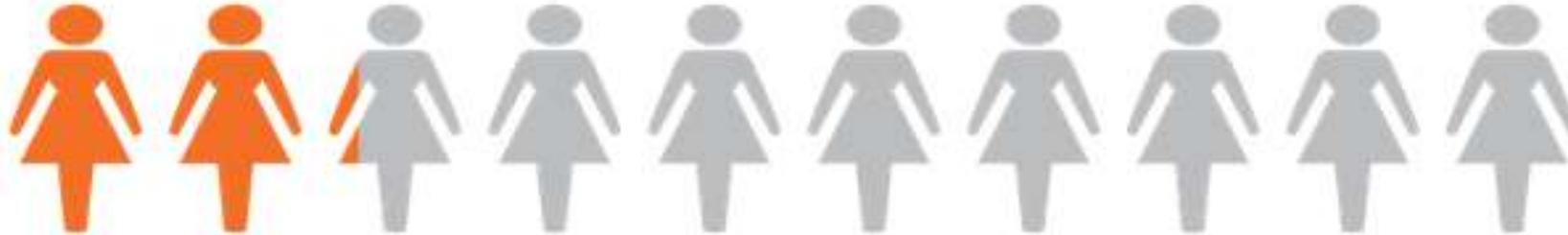


# Labour force

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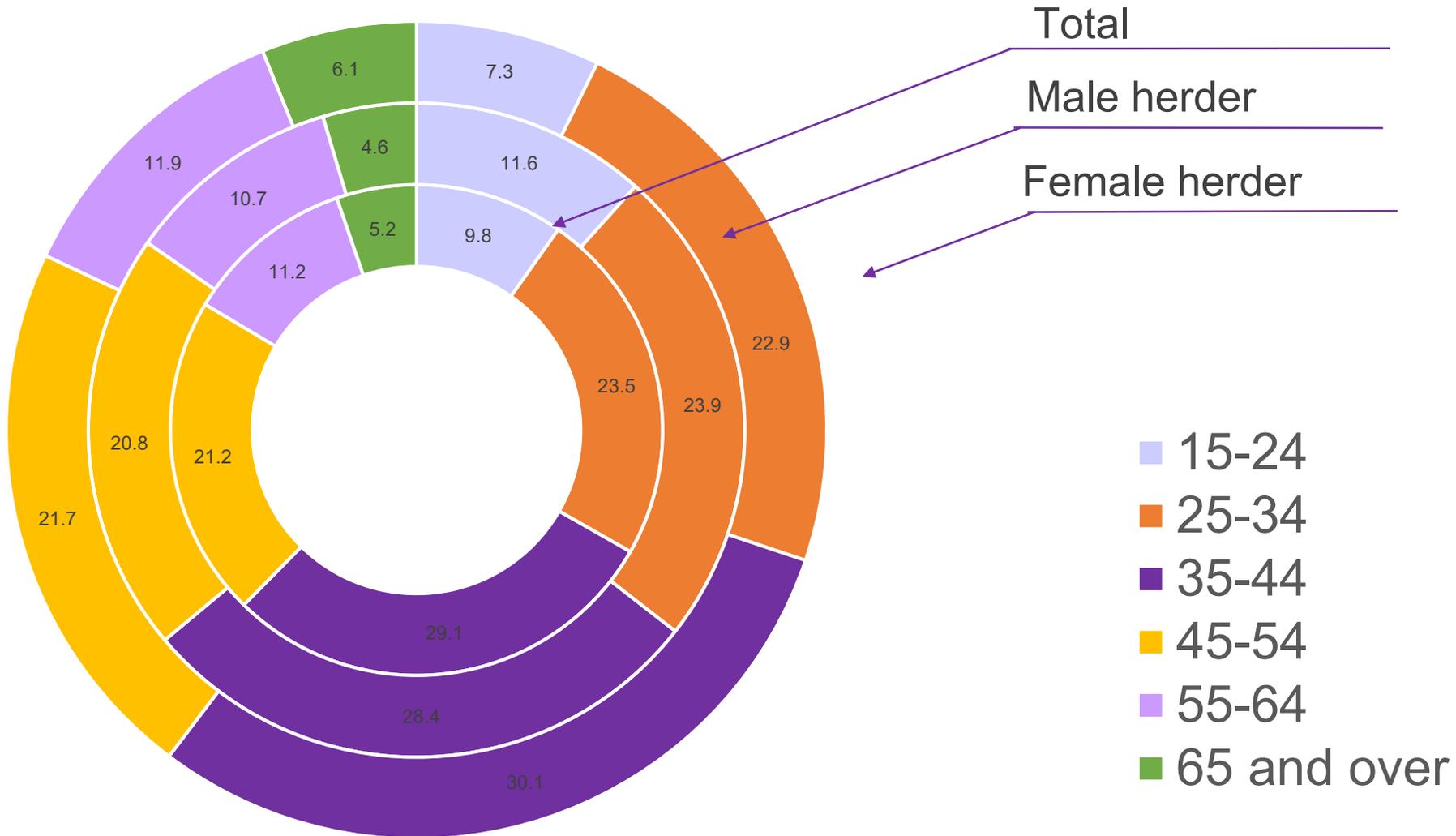


24.6% of all women are working in agriculture, forestry, fishery and hunting sector.



Source: Labour force survey, 2018

# SHARE OF HERDER IN AGE GROUPS, 2018, by percentage and sex



# Monthly average monetary income and monetary expenditure per household, by sex



	Monthly average monetary income per household		Monthly average monetary expenditure per household	
	2017	2018	2017	2018
Head of the household, by sex				
Male	948,543	1,159,592	1,006,718	1,229,229
Female	693,625	844,924	724,492	873,924

## Poverty main indicators, by sex, 2018

	Male	Female
Poverty headcount	28.5	28.4
Poverty gap	7.1	7.2
Poverty severity	2.6	2.7

**THANK YOU FOR YOUR  
ATTENTION**