

(Translation from Mongolian)

**Annex of the Resolution approved
by the State Great Khural, Mongolia
20 January 2006**

PROGRAM OF OFFICIAL STATISTICS DEVELOPMENT /2006-2010/

One. Purpose and Duration of the Program

- 1.1. Purpose of the Program is to define goals, policies and measures of official statistical activities, administration and funding for the implementation of the program, and expected outcomes of it.
- 1.2. The Program shall be implemented until 2010.

Two. Objective of the Official Statistics

- 1.3. Principal objective of the official statistics is to develop national standards which meet public needs and are based on the internationally accepted methodologies and provide users with a high-quality statistical information service by introducing up-to-date information technologies into statistical activities.
- 1.4. In the light of the objective of official statistics, the sub-objectives of the developments of macro-economy, economy, demography and social statistics and statistical methodologies and analysis, information and communication technologies, human resource management, and foreign relations and cooperation in the field of statistics shall be implemented.

Three. Sub-objectives for Macro-economy

- 3.1. Sub-objectives for macro-economy are to introduce fully the milestones of the system of national accounts and to improve methodologies for key economic and social and indicators at the macro-economy level.
- 3.2. For these sub-objectives for macro-economy the following measures shall be implemented:
 - 3.2.1. Compile financial account, other changes in assets accounts, revaluation accounts of accumulation account at national level by 5 institutional sectors according to international methodology and introduce experimental estimates;
 - 3.2.2. Compile balance sheets and use it for analysis and estimates;
 - 3.2.3. Move to methodology of estimation of gross capital formation by the difference between the beginning and end of the year value;

- 3.2.4. Compile consolidated economic and environmental accounts and take preparatory steps for compilation of environmentally adjusted gross domestic product (hereinafter called GDP) and introduce it further.
 - 3.2.5. Move to methodology of estimation of GDP by production approach at constant prices using double deflation method;
 - 3.2.6. Move to methodology of estimation of GDP by income and expenditure methods at constant prices;
 - 3.2.7. Improve estimation of per capita GDP by PPP;
 - 3.2.8. Estimate the size of the informal economy by direct and indirect methods and adjust GDP estimation;
 - 3.2.9. Renew the basket of goods, weights and base period for CPI and estimate national CPI; and
 - 3.2.10. Introduce Institutional Sector classification in business register database of establishments and move to system for producing industrial outputs by institutional sectors.
- 3.3. The expected outputs from the sub-objectives identified above are summarized below:
- 3.3.1. Complete introduction of international system of national accounts (hereinafter called SNA-93); and
 - 3.3.2. Internationally comparable macro-economic key indicators.

Four. Sub-objectives for Economic Statistics

- 1.1. Sub-objectives for economic statistics are to introduce internationally accepted methodologies into economic statistics and to improve system of indicators and to create capacities to conduct statistical sample surveys and censuses based on statistical units.
- 1.2. For these objectives the following measures shall be implemented:
 - 1.2.1. Improve crop statistics and develop indicators necessary for compiling economic accounts;
 - 1.2.2. Conduct a feasibility study to employ sample survey method in livestock census and carry out survey of cost and expenditure, composition of expenditure, and prices of livestock products and include results in estimation of livestock output;
 - 1.2.3. Introduce the Central Product Classification into estimates of industrial production;

- 1.2.4. Develop statistics of renewable energy;
- 1.2.5. Set up a system of short term indicators to estimate construction outputs and estimate output at constant prices;
- 1.2.6. Develop retail trade statistics of turnover of goods to be sold;
- 1.2.7. Improve information and communication statistics and estimate common indicators that are being estimated at international level;
- 1.2.8. Create a data base related to e-government, e-commerce and e-production which are incorporated in “the e-Mongolia” Program and disseminate to users;
- 1.2.9. Create data sources and statistical indicators on renting a real estate and other business activities industry;
- 1.2.10. Improve indicators of environmental statistics in accordance with international standards and methodologies;
- 1.2.11. Conduct next census of establishments and create statistical units based on its results; and
- 1.2.12. Regularize conducting of sample survey based on statistical units by economic industries.
- 1.3. The expected outputs from the sub-objectives identified above are summarized below:
 - 1.3.1. Availability of data necessary for the estimation of SNA-93 and GDP; and
 - 1.3.2. Expansion of statistical data and surveys coverage and improvements to estimation basis of value added of economic industries.

Five. Sub-objectives for Population and Social Statistics

- 5.1. Sub-objectives for population and social statistics are to improve population registration and to promote population and social statistics in conformity with the international methodology and to estimate main indicators of living standards, income (consumption) and capability (intellectual) poverty at regional level.
- 5.2. For population and social statistics sub-objectives the following measures shall be implemented:
 - 5.2.1. Estimate MDG indicators and indicators of human development report in accordance with international common standards;

- 5.2.2. Advance household income and expenditure survey and enhance the survey methodology;
 - 5.2.3. Develop a methodology for determining poverty status of population and introduce it and estimate key poverty indicators;
 - 5.2.4. Revise the methodology for determining minimum subsistence level;
 - 5.2.5. Estimate human development and basic demographic indicators by aimags and regions and disseminate to public;
 - 5.2.6. Improve population and social statistics indicators in conformity with the international standards;
 - 5.2.7. Create a database of population and household registration at the primary administrative units and monitor its implementation;
 - 5.2.8. Conduct preparatory works for the conduct of next round 2010 population and housing census;
 - 5.2.9. Improve registration of internal and external migration of population in accordance with internationally accepted methodologies;
 - 5.2.10. Conduct regular labour force survey every quarter;
 - 5.2.11. Improve methodology and indicators of labour statistics and their concepts and definitions and estimate fully common indicators of international labour statistics;
 - 5.2.12. Develop concepts, definitions and indicators of informal employment in accordance with internationally accepted standards and methodologies; and
 - 5.2.13. Produce crime and justice statistics in accordance with international methodologies and disseminate the statistics to users on a regular basis.
- 5.3. The expected outputs from the sub-objectives identified above are summarized below:
- 5.3.1. Establishment of a data system and common methodologies on indicators of living standards and poverty and unemployment which are comparable at international level;
 - 5.3.2. Improvements in quality and availability of population and household registration data; and

5.3.3. Improvements in coverage of surveys and estimations in the areas of demography and social statistics and in sampling representativeness.

Six. Sub-objectives for Development of Statistical Methodology and Research

6.1. Sub-objectives for development of statistical methodology and research are to develop national standards in conformity with international standards and to improve scientific base of statistical analysis and research works by introducing modeling, forecasting and projection methods and techniques, and factor analysis.

6.2. For these objectives the following measures shall be implemented:

6.2.1. Improve statistical data, indicators definitions and classifications and their methodologies on a regular basis in conformity with international standards;

6.2.2. Develop national standards that conform to SNA-93 and reflect features of the country

6.2.3. Develop a methodology for studying informal economy and put it into practice;

6.2.4. Study the possibilities for wide use of sample survey methods in social and economic surveys and introduce them;

6.2.5. Set up a data system to evaluate and monitor implementation of programs which are being implemented at the national level, namely MDG and Economic Growth Support and Poverty Reduction;

6.2.6. Estimate statistical indicators that have been arisen from the issues following the major and rapid changes in the social and economic relations and are needed to be estimated further;

6.2.7. Create an effective integrated information system by providing consistency of methodologies for official and administrative statistics;

6.2.8. Revise procedures to operate statistical data collection, transmission, monitoring, checking and processing of statistical reports, surveys and censuses to be provided by regional statistical offices according to the approved technology processes;

6.2.9. Improve population projection reflecting features of the country in conformity with international methodology;

6.2.10. Develop models based on short and long term estimates of key social and economic indicators;

6.2.11. Make time series analyses and conclusions on social and economic development indicators compared to international figures; and

6.2.12. Develop and introduce a uniform guideline and recommendation of methodology for conducting survey.

6.3. The expected outputs from the sub-objectives identified above are summarized below:

6.3.1. Improvements in the scientific base of surveys and research works and enhancement of quality, results and reliability of statistics and surveys and censuses; and

6.3.2. National standards including definitions of indicators and methodologies of official statistics and surveys.

Seven. Sub-objectives for Statistical Information and Communication Technology

7.1. Sub-objectives for statistical information and communication technology are to introduce low operational-cost and efficient information and communication technologies and techniques in every stage of statistical data processing and to upgrade techniques and technologies of central and regional statistical offices and to eradicate the gap in technique and technology development level between central and regional statistical offices.

7.2. For these objectives the following measures shall be implemented:

7.2.1. Undertake step-by-step actions to create an integrated statistical database and provide statistics to users by online services;

7.2.2. Create a meta-database; create opportunities to utilize the meta-database in all stages of questionnaire design of statistical surveys and censuses and data processing, storing and dissemination;

7.2.3. Widely use laptops/notebooks in collecting census and survey data;

7.2.4. Process data of statistical reports, censuses and sample surveys through software developed in the environment of Windows application system;

7.2.5. Collect and process census and survey data by e-technology-based software that enables the automatic loading of processed data into database;

7.2.6. Keep upgrading techniques of statistical offices of all levels and resolve the issues on acquisition of techniques and software that ensure safe network maintenance and data storage, security, protection and confidentiality when the need arises;

7.2.7. Upgrade 15% of techniques of statistical offices of all levels and include necessary resources in the annual state budget; and

7.2.8. Cooperate with the Government within the “e-Mongolia” Program and introduce statistical data processing techniques, technologies and software in soum, bag and horoo levels.

7.3. The expected outputs from the sub-objectives identified above are summarized below:

7.3.1. Enhanced data processing level reached international standards;

7.3.2. The same level of technique and technology development between central and regional statistical offices and opportunity created to process statistical data and completion of consolidated database; and

7.3.3. Conditions created for statistical respondents to transmit data and utilize database using advanced technologies regardless of time and location.

Eight. Sub-objectives for Human Resource Management

8.1. Sub-objectives for human resource management are to introduce modern management and to improve human resource management and implement international standard of quality management in the statistical activities by training qualified and dedicated staff.

8.2. For these objectives the following measures shall be implemented:

8.2.1. Involve statistical staff in programs to promote housing and social welfare provisions and improve working conditions;

8.2.2. Take measures to increase the requirements to ethics of statistical staff;

8.2.3. Strengthen the staff capacities to conduct statistical analyses and researches and construct models and make prognosis/forecasting on development perspectives;

8.2.4. Take steps to train 1-2 staff in developed countries’ graduate schools in statistics every year;

8.2.5. Take measures to involve students in colleges and universities of developed countries in statistics; and

8.2.6. Improve professional skills of central and regional statistical office staff and cover them in short and long term trainings.

8.3. The expected outputs from the sub-objectives identified above are summarized below:

8.3.1. Increase in productivity of staff of statistical system and improvements in quality of statistical outputs and high quality and accurate statistical information provided to users; and

8.3.2. Creation of a system to train professionals in the country and foreign countries and to upgrade their professional skills, and highly qualified national staff.

Nine. Sub-objectives for Development of Foreign Relations and Cooperation

9.1. Sub-objectives for development of foreign relations and cooperation are to carry out active policies of bilateral and multi-lateral cooperation aimed at developing official statistics and building national statistical capacity.

9.2. For these objectives the following measures shall be implemented:

9.2.1. Fulfill own responsibilities taken to international institutions, namely UN and its specialized institutions, IMF, WB, and ADB actively cooperate with them;

9.2.2. Attend conferences, meetings and other activities to be organized by international organizations in statistical field and pursue active participation in the regional level;

9.2.3. Establish relations with international cooperation and development agencies such as USAID, JICA, TICA, GTZ, and KOICA and study opportunities to get technical assistance from them and make own requests to relevant ministries;

9.2.4. Strengthen bilateral cooperation with the countries having traditional ties and introduce best experiences of these countries on the basis of studying, exchange statistical information, and seek opportunities to be involved in international cooperation programmes and pursue those issues; and

9.2.5. Phase in introduction of statistical standard indicators and their concepts, definitions and methodologies recommended by international organizations such as UN Statistical Committee, WB, IMF, WHO and ADB.

9.3. The expected outputs from the sub-objectives identified above are summarized below:

9.3.1. Opportunities provided to get foreign assistance in the areas of development methodologies and strengthening human resources, technical and technological capacities; and

9.3.2. Increase in reputation and strengthening of Mongolian role, active participation and position in the relationship with international organizations and foreign countries.

Ten. Financing

10.1. Financial source of the program is consisted of state and local budgets and foreign aid and loans; and

10.2. The total cost of the program is estimated at MNT 12 billion.

Eleven. Administration and Management of the Program

11.1. The NSO is responsible for implementing the Program in central and regional statistical offices.

11.2. State censuses and sample and comprehensive surveys shall be conducted under the Law on Statistics and the implementation of the Program.

11.3. All appropriate measures shall be taken to enhance administration and planning of statistical operations.

11.4. “A mobile unit for training, advertising, monitoring and servicing” which works on regular basis in regional areas in order to improve knowledge and skills of officers, who are in charge of statistics and statistical registration at bags, khorroos, soums, districts, aimags, capital city, government agencies and ministries and to evaluate their work performance and to ensure and monitor data reliability.

Twelve. The Expected Outcomes

12.1. Qualified and efficient services of statistics that meet user demands and are developed by internationally accepted methodologies.

12.2. Data coverage improved having created the conditions to collect and use statistical data/information in a mutual trust-based environment between respondents and users of statistics, and reliable data provided in a timely basis.

12.3. Statistical offices strengthened as a science-based institution.

12.4. Having introduced internationally accepted methodologies and standards into statistical activities and implemented SNA-93 in full at national level, official statistical development reached close to the level of developed countries’ statistics.