

FAO - United Nations Food and Agriculture Organization

1. Demographic and social statistics (FAO)

1.5 Income and consumption (FAO)

Food Consumption and Food Security Statistics derived from Household Surveys

Ongoing methodological work:

- Methodological work focuses on revising and updating the procedures for the assessment of households' habitual food consumption based on data from a wide range of different household surveys (including income and expenditure surveys, LSMS, etc.) to be used, together with macro indicators of food availability from Food balance Sheets, for the estimation of the extent of food deprivation in the population.
- In addition to the prevalence of chronic hunger, a suite of food security indicators will be compiled using data available from surveys. The methods and tools will be shared with national statistical organizations to enable them to estimate the level of food deprivation as defined by the Millennium Development Goals (indicator 1.9) at national level, and a series of food security indicators at sub-national levels.
- Technical assistance is being provided to member countries through FAO's capacity building activities projects.

Priority objectives:

- Development improved methods for the estimation of food security indicators at national and sub national levels;
- Update of country-specific food security information including related web-based publication;
- Strengthening country ownerships of methods and tools for food security assessment through capacity building on food consumption and security statistics, in particular as part of the FAO ESS Household Survey Programme, <http://www.fao.org/economic/ess/ess-fs/essfscd/en/>

New activities:

- A module is being developed under the World Bank ADePT software platform (<http://go.worldbank.org/KVDRVFVBA0>) to allow for the analysis of food security from household survey data.

Meetings in 2012:

- National seminars will be held in Bangkok, Rangoon and Vientiane to illustrate methods of data analysis for food security assessment, using the Food Security Statistics Module.

2. Economic statistics (FAO)

2.4 Sectoral statistics (FAO)

2.4.1 Agriculture, forestry, fisheries (FAO)

Agricultural Statistics

Ongoing methodological work:

- FAO and the Friends of the Chair Group on Agriculture Statistics have been given the lead by the United Nations Statistical Commission to develop a Global Action Plan to implement the Global Strategy to Improve Agricultural and Rural Statistics which will be submitted at the UNSC 43rd session in February 2012 for endorsement. FAO is assisting the development of Regional Plans and is developing a Country Assessment Framework for agriculture statistics.
- Methodological work to develop an integrated programme of census and surveys in the agriculture sector, in collaboration with EUROSTAT.
- Methodological work to develop a frame work for development of statistics on small farm and family farms.

Priority objectives:

- Collect and compile subject-specific statistical modules, expand coverage, improve the quality and timeliness of data dissemination;
- Focus on the implementation of the Global Strategy, including related capacity building;
- Review of the key statistics of the domain on farm machinery and implements.

New work to be undertaken in 2012:

- Finalization of the Global and Regional Action Plans including the corresponding fund raising activities; create a Global Office to coordinate the implementation;
- Finalization of several manuals and publications related to the link between Agriculture and Population Censuses, to the integration of Agriculture Statistics into National Statistics Systems; to Crop Forecasting, and Country Assessment Implementation;
- Methodological Review and Analysis of World Census of Agriculture 2000.

Meeting to be organized in 2012:

- Regional training on sampling techniques and on linking agriculture and population censuses in Latin America, Near East, and Africa;
- Meeting with Asia and Pacific Commission on Agricultural Statistics.

Coordination of data collection and dissemination

Ongoing work:

- Data collection, processing, analyses and dissemination of food and agriculture related information - crop production, livestock and livestock production, international trade, utilization and food availability by quantity and nutritive factors.
- Increase the availability and the quality of food and agriculture statistics working in close cooperation with the country authorities to consolidate the national agriculture information systems.
- Dissemination programme for food and agriculture statistics via the FAOSTAT database, available at (<http://faostat.fao.org>). The FAO Statistical Yearbook consolidates FAO's agriculture, forestry and fishery statistics.
- Work to continue on the development of metadata on crops and livestock as well as price and resource statistics, which are integral part of all data disseminated by FAOSTAT.
- Major work to continue on upgrading and developing the webpage of FAO's Statistics Division <http://www.fao.org/corp/statistics/en/>.

Priority objectives:

- Publication of new estimates for the number and prevalence of undernourishment and FAOSTAT data series on production, international trade and commodity balance.

Government expenditure on agriculture & Official Development Assistance to Agriculture (ODA)

Ongoing work:

- Continued compilation of government expenditure on agriculture by sub-sectors of main activities, subsidies or taxes on agriculture, total government expenditures; updates of the database on capital stocks in agriculture and external assistance to agriculture.

Fishery statistics

Ongoing methodological work:

- Revision of CWP Handbook of fishery and aquaculture statistics, especially for the components of "aquaculture", "catch and effort data", "vessel related information", "social economic data" and "ecosystem information".
- Separation of small and large pelagic fish as well as separation of diadromous fish from fresh fish in estimation procedure of apparent food consumption of fish and fishery products.
- Development of guidelines and case studies for the implementation of Global Strategy to the fishery and aquaculture sector.

Priority objectives beyond 2012:

- Establishing standard procedures and guidelines to monitor all aspects of fishery and aquaculture sector, in comparable way with other sectors' information.
- Disseminating global status of various aspects of fishery and aquaculture sector based on best available information to assist sustainable management of the sector.
- Continued improvement of the quality and timeliness of FAO-collated fishery statistics and information. Retrieval and reconstruction of trade and commodities data prior to 1980.
- Coordination to enhance and update global standards for terminology, data requirement, and guideline for the purpose of monitoring of and supporting management for aquaculture and capture fishery sectors.

Ongoing work:

- Data collection, evaluation, analyses and dissemination of fishery related information - capture production, aquaculture production, commodities and trade, disposition, food-consumption of fishery products, fishers and fleets.
- Annual release of FAO Yearbook-Fishery Statistics for Capture Fisheries production, Aquaculture Production, Commodities and Apparent Consumption.
- On-line dissemination of statistics through FIGIS (Fisheries Global Information System, <http://www.fao.org/fishery/statistics/en>) together with software for database handling, data collection and analyses. Data and software are also available as complementary CD version. The new statistics dissemination software (FishStatJ) was released in 2011.
- On-line dissemination of statistical guidelines, standards, and classifications relevant to fisheries and aquaculture, together with fisheries and stock status information provided from international and regional fisheries bodies through partnership arrangement of FIRMS (Fisheries Resources Monitoring System).
- Technical assistance for fishery and aquaculture data collection and monitoring system development along the line with the Strategy for Improving Information on Status and Trends of Capture Fisheries (Strategy-STF) and Strategy and Outline Plan for Improving Information on Status and Trends of Aquaculture (Strategy-STA).
- Preparation and dissemination of Fish Chapter of FAO/OECD Food Outlook which was established in 2011.

New work to be undertaken in 2012:

- Dissemination of statistical circular of status and trend of global fleets and fishing capacity.
- Collating and analyzing hatchery production data, stocking information and utilization of wild seeds, to describe the global status of fishery-aquaculture interaction and to establish monitoring standards in this aspect.

- Development of a set of water use indicators for fishery and aquaculture sector.

Meeting to be organized in 2012:

- The Inter-sessional Aquaculture Group meeting of Coordinating Working Party on Fishery Statistics (CWP): April 2012, Cape Town, South Africa.

Forestry Statistics

Ongoing work:

- Annual release of forest products on-line statistical databases - production, trade and bilateral trade matrices, available at: <http://faostat.fao.org/site/630/default.aspx>
<http://faostat.fao.org/site/626/default.aspx>
<http://faostat.fao.org/site/628/default.aspx>
- Yearbook of Forest Products (1 volume), hardcopy and on-line version.
- Complementary CD-Rom version, the database containing all FAOSTAT-Forestry statistics.
- Pulp and Paper Capacity Survey 2011-2016 (1 Volume), hardcopy and on-line version.

2.7 Prices (FAO)

Agricultural Producer Prices

Ongoing work:

- Annual compilation and release of producer prices and agriculture producer price indices.

Consumer Price Indices (CPI)

Ongoing work:

- Monthly releases of monthly and annual overall CPI and Food CPI and related metadata information.

New activities:

- Development of price volatility indices and of a Cost of Production collection of good practices in view of a Handbook and Compilation Guidelines.
- Link different price datasets (e.g. input prices, output prices, trade unit values); this activity will include new derived indicators and value-chain analysis in agriculture.

3. Environment and multi-domain statistics (FAO)

3.4 Yearbooks and similar compendia (FAO)

Essential data series

Maintenance and updating the essential data series on demographic estimates and projections, macroeconomic aggregates and prices received by farmers. Other time series, which will be updated, pertain to land use, farm machinery, fertilizer and pesticides statistics, estimates of number of undernourished and other economic data.

New activities:

- **FAO Statistical Yearbook:** a complete revision of the classical FAO Statistical Yearbook, providing a statistical synthesis of global and aggregate trends and an introduction to the major issues facing agriculture from the perspectives of food security, rural development, poverty, natural resource and environmental sustainability. The publication encompasses 33 topic-based dimensions and employs over 350 indicators. Publication in first half of 2012.
- **FAO Regional Yearbooks:** region-focused editions, providing a similar synthesis to the global publication, with emphasis on regional concerns, by offering detailed information on trends and issues at the country level.
- **FAOSTAT Dissemination Platform:** The classical FAOSTAT data and metadata dissemination platform is being modernized to serve the users further to the basic data also with key indicators, trends and quantitative analysis. Pilot release in first half of 2012.

Agri-environmental/climate change and indicators

New activities:

- Annual compilation and releases of agri-environmental indicators in FAOSTAT according to Eurostat and OECD methodology;
- Preparation of guidelines and material on Agri-Environmental Statistics;
- Undertake project on monitoring and assessing GHG emissions and mitigation potentials in agriculture;
- Development of a SEEA - Agriculture/rural development.

Food Balance Sheet

Ongoing work :

- Food Balance Sheet compilation and release of up to 2009 reports by the end of first semester 2012;
- Methodological review and improvement in the estimation methods of missing data; data collection methodological review to improve basic data quality;
- Technical assistance is being provided to member countries through FAO's capacity building activities projects.

New activities:

- Drafting a manual for country-level users;
- Research and update at regional and country level of the technical conversion factors for processed food products, waste and nutrients factors used in the Supply Utilization Accounts and Food Balance Sheets.

Priority objectives:

- Methodological Review and Analysis of the compilation of Supply/Utilization Accounts and Food Balance Sheets.

Reference:

- Food balance sheets - a handbook: <http://www.fao.org/economic/ess/ess-fs/fs-methods/ess-fbs0/jp/>.

4. Methodology of data collection, processing, dissemination and analysis (FAO)

4.2 Classifications (FAO)

Classifications

Activities 2011:

- The FAO proposal to undertake a revision of the CPC (update CPCVer. 2.1) to better meet the needs of Agriculture, Fisheries and Aquaculture and Forestry production domains has been accepted and submitted for information the 43rd session of the UNSC.

Priority objectives 2012:

- Development of an expanded CPC for Food and Agriculture to be included as an official annex to the CPC.

4.3 Data sources (FAO)

4.3.2 Business and agricultural censuses and registers (FAO)

World Census of Agriculture 2010

FAO World programme for the Census of Agriculture 2010, providing guidelines for national agricultural censuses to be conducted in the decade 2006 - 2015 have been prepared and published. FAO has worked closely with UNECE in developing the relationship between the population and housing census and the agricultural census so that a common approach is included in both the Eurostat/ECE guidelines on Population and Housing Censuses and the FAO Programme. An advanced draft of the "Methodological Review -2000 World Census of Agriculture" is already available and will be published in 2011. FAO will continue its work on providing more information on national agricultural census methodologies through its Internet site: <http://www.fao.org/economic/ess/ess-wca/wca-guidelines/en/>.

5. Strategic and managerial issues of official statistics (FAO)

5.6 Co-ordination of international statistical work (FAO)

Coordination of International Statistical Work

- FAO leads the Coordinating Working Party on Fishery Statistics (CWP) to identify the statistical needs and develop standard concepts, definitions, classifications and methodologies of the collection and collation of fishery and aquaculture statistics.
 - FAO leads the Inter-secretarial Working Group on Forest Sector Statistics (IWG).
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