

# 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 basic parameters for the estimation of food deprivation; in tandem, a suite of food security indicators will be compiled using data available from crop and household surveys. The methodology 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 and sub-national levels.
- Technical assistance is being provided to member countries through FAO's capacity building activities projects.

##### Priority objectives:

- Development of new approaches for food security indicators at national and sub national levels;
- Updates of country-specific food security information including related web-based publication;
- Capacity building on food consumption and security statistics, in particular as part of the Household Survey Programme:  
<http://www.fao.org/economic/ess/food-security-statistics/>

---

## 2. Economic statistics (FAO)

### 2.4 Sectoral statistics (FAO)

#### 2.4.1 Agriculture, forestry, fisheries (FAO)

##### Ongoing methodological work:

- FAO has developed, in cooperation with national governments and development partners, a Global Strategy to Improve Agricultural and Rural Statistics (henceforward the "Global Strategy"); the Global Strategy was adopted by the United Nations Statistical Commission in February 2010. Global and regional implementation plans of the Global Strategy are being developed with the plan for Africa being finalized.

##### 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 2011:

- Finalization of the Global Strategy and including the corresponding fund raising activities;
- Methodological Review of World Census of Agriculture 2000.

##### Meeting to be organized in 2011:

- Regional training on sampling techniques in Latin America, Near East, and Africa;
- Meeting with African Commission on Agricultural Statistics;
- Meeting of the FAO/OEA-CIE/IICA Working Group on Agricultural and Livestock Statistics for Latin America and the Caribbean.

#### Dissemination and coordination of data collection

##### Ongoing work:

- 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/statistics/www.fao.org/corp/statistics/en/>

##### Priority objectives:

- Publication of new estimates for the number and prevalence of undernourishment as well as other FAOSTAT data series.

#### Dissemination and coordination of data collection

##### Ongoing work:

- The dissemination programme for food and agriculture statistics via the FAOSTAT database available at (<http://faostat.fao.org>).
- The FAO Statistical Yearbook to consolidate FAO's agriculture, forestry and fishery statistics.

- Work to continue on the development of metadata on crops and livestock as well as prices and resources, which underlies the data disseminated by FAOSTAT.
- Major work to continue on upgrading and developing the webpage of FAO's Statistics Division <http://www.fao.org/economic/statistics/>

#### **Priority objectives:**

- Publication of new undernourished estimates and FAOSTAT data series.

#### **Government expenditure on agriculture & Official Development Assistance to Agriculture (ODA), Capital Stocks and External Assistance to Agriculture**

- 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, wrt. to the fishery and aquaculture sector.

##### **Priority objectives beyond 2011:**

- 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. Specific emphasis of this year includes re-construction of fleet statistics, re-designing capture and aquaculture production, and integration of catch statistics maintained by Regional Fishery Bodies in unified format.
- 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. Substantial update of the statistics dissemination software (FishStat) is in process since 2009.
- 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).

##### **New work to be undertaken in 2011:**

- Retrieval and reconstruction of trade and commodities data prior to 1980.
- Assembling fleet information for evaluation of current status and recent 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.

##### **Meeting to be organized in 2011:**

- The Inter-sessional Fishery Group meeting of Coordinating Working Party on Fishery Statistics (CWP): July 2011, La Jolla, USA.
- Regional Workshop in identifying capacity building needs in fisheries statistics and data collection (Africa): April 2011, Tanzania
- Regional Workshop in identifying capacity building needs in fisheries statistics and data collection (South Pacific): to be decided

#### **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#ancor>  
<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 2010-2015 (1 Volume), hardcopy and on-line version.

---

## 2.7 Prices (FAO)

### Agricultural Producer Prices

#### New activities:

- The agricultural price domain redesigned with a new methodological database framework.
- The new domain will comprise new price concepts (e.g. consumer prices) with links 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.
- Expert Group on Cost of Production/Prices planned for March-June 2011.

---

## 3. Environment and multi-domain statistics (FAO)

### 3.2 Regional and small area statistics (FAO)

#### Sub-National Statistics

#### Ongoing work:

Sub-national codes:

- As part of the FAOSTAT updating process, incorporation of GAUL codes (Global Administrative Unit Layer) into various modules for users interested in working with sub-national data will be considered. See also: <http://faostat.fao.org>

---

### 3.4 Yearbooks and similar compendia (FAO)

#### Essential data series

The FAOSTAT Database and the FAO Statistical Yearbook consolidate agriculture, forestry and fishery statistics across 180 countries and territories from today back to 1962 - in close collaboration with national and regional statistical authorities. Over 70 data series on production, trade, prices, resources including land use, machinery, fertilizers, pesticides, food supply and utilization, and estimates of number of undernourished are maintained and updated according to a release calendar published. Likewise, statistical methods and standards, concepts and definitions on food and agriculture are maintained and made accessible online.

<http://faostat.fao.org>

<http://www.fao.org/economic/statistics>

#### Agri-environmental/climate change statistics and indicators

#### Domain development activities for 2011:

- Undertake project on monitoring and assessing GHG emissions and mitigation potentials in agriculture;
- Development of an agri-environmental dataset for FAOSTAT;
- Development of a SEEA - Agriculture/rural development.

---

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

### 4.2 Classifications (FAO)

#### Classifications

FAO has been cooperating closely with the UN Expert Group and Technical Subgroup on International Economic and Social Classifications and taking the lead in the work on classifications in agriculture by contributing its proposal for ISIC Rev 4.0 and CPC revisions. This resulted in more than twice the number of agricultural products included in the domain (from 260 in CPC v.1.1. to 550 in CPC v.2.0). Based on the CPC revision, collaboration was strengthened also with the World Customs Organization (WCO) and participation ensured in the review process of the Harmonized System (HS) 2012. FAO played a key role along with the European Environment Agency (EEA) and EUROSTAT in the development of standards for land use and land cover classifications in the revised UN Handbook of National Accounting - Integrated Environmental and Economic Accounting (SEEA), undertaken under the joint responsibility of the UN, European Commission, IMF, OECD and the World Bank. During 2011 FAO will continue its contribution to major international classifications with the purpose of better meeting the needs of statistics and related analyses in the areas of agriculture, fisheries, forestry, and food.

---

### 4.3 Data sources (FAO)

#### 4.3.2 Business and agricultural censuses and registers (FAO)

##### World Census of Agriculture 2010

The 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:[www.fao.org/economic/ess/ess-data/ess-wca/wca-guidelines/en/](http://www.fao.org/economic/ess/ess-data/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 is actively involved in the Wye City Group on Statistics on Rural Development and Agriculture Household Income.
- 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).

**Meetings in 2011:**

- The Inter-sessional Fishery Group meeting of Coordinating Working Party on Fishery Statistics (CWP): July 2011, La Jolla, USA.
- 

**5.7 Technical cooperation and capacity building programmes (FAO)**

**Technical Assistance**

- Technical assistance will be provided through FAO's Technical Cooperation projects as well as through other external funded projects.
-