



**SCREENING CHAPTER 18
STATISTICS**

LAND USE AND LANDSCAPE

**Country Session: The Republic of TURKEY
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CONTENT

- Overview
- Responsible Institution and Stakeholders
- Methodology
- Future Plans



Overview

Turkey has approximately 78 million ha total area

Land use data in Turkey are obtained from 2 different sources:

- Agricultural Censuses
- Annual crop production statistics



Overview (cont'd)

The current agricultural statistics and the statistics on the arable lands namely cultivation area for field crops, fallow land, vegetable gardens, fruit orchards and area under vineyard cultivation are compiled annually

The data are compiled on the basis of districts and published at province level

Overview (cont'd)

Following land use variables have been derived from the Census of Agriculture:

- unused and undeveloped potentially productive land
- permanent meadow
- pasture lands
- wooded land and forest land
- non-arable land

Overview (cont'd)

Since 1992, TURKSTAT has carried out two Remote Sensing studies for agricultural statistics:

- The first study was “Cereal Acreages Estimation Project” between the years 1992-1997. MARS methodology was used for this application
- The second study was "Determination of Land Cover/Use Map by Using Remote Sensing and Geographical Information System Techniques" on the basis of CORINE methodology between 2001 and 2005



Responsible Institution

TURKSTAT

Stakeholder

MARA

Methodology

The current agricultural land use statistics:

Coverage: Turkey, District Level (LAU 1)

Data Sources: MARA - administrative data and observations by agricultural experts

Classifications: New Cronos-ZPA1 Domain

Periodicity: Annual

Dissemination: Publication in paper and electronic format

Land use data which contains 27 items on different land use areas are transmitted to EUROSTAT



Future plans

Implementing LUCAS in Turkey as a pilot study in one province in 2008