

Land Use Statistics

Indicators

1. Total reported area (000s ha)
2. Forest land area (000s ha)
3. Total land area not available for cultivation (000s ha)
4. Area under non-agricultural Uses (000s ha)
5. Barren and un-cultivable Land (000s ha)
6. Total other uncultivated land excluding fallow land (000s ha)
7. Permanent pastures and other grazing lands (000s ha)
8. Miscellaneous tree crops and groves (000s ha)
9. Cultivable waste land (000s ha)
10. Total fallow lands (000s ha)
11. Current fallows (000s ha)
12. Fallow lands other than current fallows (000s ha)
13. Net sown area (000s ha)
14. Total cropped area (000s ha)
15. Cultivated land (000s ha)
16. Un-cultivated land (000s ha)
17. Cultivable land (000s ha)
18. Un-cultivable land (000s ha)
19. Area sown more than once (000s ha)

Data Sources

Land Use Statistics are compiled from the Web based Land Use Statistics information system, Directorate of Economics and Statistics, Ministry of Agriculture & Farmers Welfare

Geographic Area is reported by the Office of the Registrar General and Census Commissioner, Ministry of Home Affairs, Government of India

Institution Who Collected Primary Data

Land Use Statistics are compiled by the Directorate of Economics and Statistics, Ministry of Agriculture & Farmers Welfare

*Note: Land Use Statistics (LUS) of Odisha from 2009-10 onwards: Before 2009-10, Director of Agriculture and Food Production, Odisha has been the reporting authority/data source of Land

Use Statistics (LUS) and the statistics/data furnished by them were based on eye estimation. Data source from 2009-10 onwards is the Directorate of Economics & Statistics (DES) which is the SASA (State Agriculture Statistics Authority).

Years Data Have Been Collected

1950-present

Years Data Are Available

1998-99 to 2020-21, through Directorate of Economics and Statistics

Years Data Are Compiled For

2014-2020

Population Subgroups Available

None

Methods of Data Collection

Statistics of land use are compiled from the village land records maintained by the patwari. The information is available according to each survey number and recorded under nine categories: (a) Forests, (b) Area under Non-Agricultural use, (c) Barren and Uncultured Land, (d) Permanent Pastures and other Grazing Land, (e) Miscellaneous Tree Crops, (f) Culturable Waste Land, (g) Fallow Land other than Current Fallows, (h) Current Fallows, and (i) Net Area Sown.

Land use statistics are also being collected through nationwide land use or cover mapping by the National Remote Sensing Agency (NRSA) according to a 22-fold classification, the definition of each category is given in the Annexe 4.6. The categories are much more detailed and provide useful information for land development programmes. However, these details are still not available at the local levels of block and panchayat.¹

Nine-fold classification of Land Use²

Statistics on land use are collected at present, in the form of a nine-fold classification on a yearly basis. Out of a geographical area of 329 million hectares (reporting area) statistics are available only from 305 million hectares (non-reporting area), which makes some areas to the extent of 7% still not covered or classifiable under the nine-fold classification. The reporting area is classified into the following nine categories:

¹ <https://mospi.gov.in/47-land-use>

² <https://mospi.gov.in/45-nine-fold-classification-land-use>

- Forests: This includes all lands classed as forest under any legal enactment dealing with forests or administered as forests, whether state-owned or private, and whether wooded or maintained as potential forest land. The area of crops raised in the forest and grazing lands or areas open for grazing within the forests should remain included under the forest area.
- Area under Non-agricultural Uses: This includes all lands occupied by buildings, roads and railways or under water, e.g. rivers and canals and other lands put to uses other than agriculture.
- Barren and Un-culturable Land: includes all barren and unculturable land like mountains, deserts, etc. Land which cannot be brought under cultivation except at an exorbitant cost, should be classed as unculturable whether such land is in isolated blocks or within cultivated holdings.
- Permanent Pastures and other Grazing Lands: includes all grazing lands whether they are permanent pastures and meadows or not. Village common grazing land is included under this head.
- Land under Miscellaneous Tree Crops, etc. : This includes all cultivable land which is not included in 'Net area sown' but is put to some agricultural uses. Lands under Casurina trees, thatching grasses, bamboo bushes and other groves for fuel, etc. which are not included under 'Orchards' should be classed under this category.
- Culturable Waste Land: This includes lands available for cultivation, whether not taken up for cultivation or taken up for cultivation once but not cultivated during the current year and the last five years or more in succession for one reason or other. Such lands may be either fallow or covered with shrubs and jungles, which are not put to any use. They may be assessed or unassessed and may lie in isolated blocks or within cultivated holdings. Land once cultivated but not cultivated for five years in succession should also be included in this category at the end of the five years.
- Fallow Lands other than Current Fallows: This includes all lands, which were taken up for cultivation but are temporarily out of cultivation for a period of not less than one year and not more than five years.
- Current Fallows: This represents cropped area, which are kept fallow during the current year. For example, if any seeding area is not cropped against the same year it may be treated as current fallow.
- Net area Sown: This represents the total area sown with crops and orchards. Area sown more than once in the same year is counted only once.

References and Further Reading

Information on Land Use Statistics can be found at:

<https://desagri.gov.in/document-report-category/land-use-statistics-at-a-glance/>

Data can be downloaded from: <https://aps.dac.gov.in/LUS/Index.htm>