Item No	Concept name	Definition
1	**Contact**	**Individual or organisational contact points for the data or metadata, including information on how to reach the contact points.**
1.1	Contact Organisation	National Sample Survey Office (NSSO), Ministry of Statistics & Programme Implementation
1.2	Compiling agency	National Sample Survey Office, (Field Operations Division) Agricultural Statistics Headquarters Faridabad.
1.3	Contact Details	1. Sh. S.C. Malik Additional Director General National Sample Survey Office (Field Operation Division) Sankhiyiki Bhawan Near Karkarduma Court, Delhi-110032 2. Smt. Nitika Gupta Deputy Director General National Sample Survey Office (Field Operation Division) C.G.O Complex, Block 2, NH 4 Agricultural Statistics Headquarter Faridabad. Contact No. 0129-2410199

2	**Statistical Presentation and Description**	**Description of the disseminated data which can be displayed to users as tables, graphs or maps**
2.1	Data description	1. The Report tabulates the findings of Crop Estimation Surveys (CES) that are conducted by States and Union Territories for obtaining sufficiently precise estimates of average yield of Principal food and non-food crops using the objective technique of Crop Cutting Experiments (CCE) by applying scientific sampling method. The estimates of yield rates thus arrived at, are generally adopted for the compilation of official estimates of Crop production and used for the purposes of planning, policy formulation and implementation 2. Major component of Crop Statistics viz, Area Statistics & Yield Statistics are covered in this publication. The primary responsibility for collection of statistics on these two aspects rests with the State/UT Governments. Statistics of land use and area under crops are obtained as by-product of land revenue administration in respect of the land record States/UTs, commonly known as Temporarily Settled States. On the other hand, the Permanently Settled States, viz., Kerala, Odisha and West Bengal are reporting land utilisation and area statistics based on sample surveys. 3. The Report also highlights the procedural, observational, recording & transcription errors committed by primary workers in conduct of Crop Cutting Experiments(CCEs) for Yield estimation
2.2	Classification system	Season: Kharif, Rabi/ Summer Agency: State Irrigation Particulars: Irrigated or Unirrigated Seed Particulars: High Yield or Local State-wise and Crop-wise Disaggregation for Yield Statistics & Area Statistics.
2.3	Sector coverage	Agriculture Sector
2.4	Statistical concepts and definitions	Page ii- Concepts and definition of the report entitled "Consolidated Results of Crop Estimation Survey on Principal Crops 2017-18.
		https://mospi.gov.in/sites/default/files/publication_reports/CES_2016_17_20jan21.pdf
2.5	Statistical unit	Survey Nos. of Khasra Register/Adangal and Experimental Plots therin as reporting units.
2.6	Statistical population	Net Area under Agriculture inter alia Nine Fold classification of land usage.
2.7	Reference Period	July 2019-June2020

2.8	Data Confidentiality	All statistical information published by any agency shall be arranged in such a manner so as to prevent any particulars becoming identifiable by any person (other than the informant by whom those particulars were supplied) as the particulars relating to the informant who supplied it, even through the process of elimination (Source: Collection of Statistics Act, 2008).
3	**Institutional Mandate**	**Law, set of rules or other formal set of instructions assigning responsibility as well as the authority to an organisation for the collection, processing, and dissemination of statistics**
3.1	Legal acts and other agreements	As a consequence of the Cabinet Resolution of 1952, the Field Operations Division of MoSPI, has been mandated the work related to the estimation of food production and conduct of large-scale sample surveys to spearhead the systematic attempt at developing the Statistical architecture for generation of Crop Statistics in India. https://mospi.gov.in/web/mospi/allocation-of-business-rules
3.2	Data sharing	1. The primary responsibility for Collection of Statistics of Land Use and Area Under Crops following prescribed procedures rests with various State Authorities. The yield rates of principal crops are estimated through General Crop Estimation Surveys (GCES) conducted by State agencies following scientific techniques of multi-stage stratified random sampling. 2. Field Operations Division (FOD) of the National Sample Survey Office (NSSO) under the Ministry of Statistics & Programme Implementation exercises supervision through Statistical checks to ensure quality of Area and Yield Statistics collected in the State/UTs. Further, it has the overall responsibility of providing technical support to the States in developing suitable survey techniques for obtaining reliable estimates, assistance in training of staff and exercising supervision. 3. The primary data regarding Area and Yield Statistics is supervised by Centre and State supervisors with that of the State primary worker from Girdawri and by on-spot verification in CCEs and findings are recorded in AS Schedules 1.0 and 2.0. The State SASAs are also expected to code, tabulate and analyse the data collected for Area Enumeration, Area aggregation & Crop cutting experiments in form of Appendices. The State is required to send results of CES in Standard format (CES appendices) to Faridabad A.S Hqrs. 4. An annual Report titled "Consolidated Results of Crop Estimation Survey on Principal Crops" on the state of CES in the State, prepared on the basis of information received from States with respect to Area Enumeration, Area aggregation & Crop cutting experiments is sent to different SASAs through e-mail and post for remedial action.
3.3	Release policy	The Report 'Consolidated Results of Crop Estimation Survey on Principal Crops' is brought out each year on the basis of the analysed data of CES and supplied to all concerned.[pg 4, chapter 1,AS Manual part 1]
3.4	Release calendar	

3.5	Frequency of dissemination	Yearly
3.6	Data access	Title: Consolidated Results of Crop Estimation Survey on Principal Crops 2018-19. Dataset Edition: 72nd Dataset Reference data type: .xls) Presentation Format: Report Dataset Language: English Status/Version: Yearly updated
4	**Quality Management**	**Systems and frameworks in place within an organisation to manage the quality of statistical products and processes.**
4.1	Documentation on methodology	Agricultural Statistics Manual Part 2.
4.2	Quality documentation	Agricultural Statistics Manual Part 3.
4.3	Quality assurance	NSSO in collaboration with the States/UTs implements sample check programmes on Area Enumeration, Area Aggregation and conduct of Crop Cutting Experiments under the Scheme of Improvement of Crop Statistics (ICS). ICS is one of the pioneer Schemes of quality assurance in Crop Statistics not only in India but also in the world. It encompasses almost all crucial sub-elements of quality assurance viz. Process Monitoring, Training, Assessment, Benchmarking and Use of Best Practices 1. **Process Monitoring**:- Sample check on Area Enumeration, Aggregation & Crop Cutting Experiments (CCEs), the crucial components of Area & Yield estimation processes & procedures in India. 2. **Training**:- The training of primary workers in procedural & methodological aspects of Crop Estimation Surveys (CES), is carried out in around 2000 centres in 22 participating States/ UTs in India. These centres trains annually almost 55000 primary workers related to collection of Agriculture Statistics in India. 3. **Assessment:** - The supervised data collected through the process monitoring is tabulated, analysed, validated & presented in Season-wise Status Report for both Kharif & Rabi for 22 participating States/ UTs in ICS. 4. **Benchmarking:** - The Sample size for Yield & Area Estimation is premised on acceptable range of sampling errors & non-sampling errors which are highlighted in aforesaid reports and General guidelines for Crop Estimation Surveys (CES). 5. **Use of best practices**: Various forums for coordination & exchange of best practices are: High Level Coordination Committee (HLCC), Zonal State Agricultural Statistics Authority (SASA) meetings & The Conference of Central and State Statistical Organizations (CoCSSO).
4.4	Quality assessment	-

5	**Accuracy and Reliability**	**Accuracy of data is the closeness of computations or estimates to the exact or true values that the statistics were intended to measure. Reliability of the data, defined as the closeness of the initial estimated value to the subsequent estimated value.**
5.1	Sampling error	Confidence Level =95%, Precision Level = ± 5%

[3] In international terminology, A1 is simply used for Sampling Errors. In other words, indicator for Sampling Errors is denoted by A1. For further details, refer to: https://ec.europa.eu/eurostat/documents/64157/4373903/02-ESS-Quality-and-performance-Indicators-2014.pdf/5c996003-b770-4a7c-9c2f-bf733e6b1f31

6	**Timeliness**	**The timeliness of the data collection release to be compiled.**
6.1	Timeliness	Generally the Report is prepared within one year of completion of an Agricultural Year. [July of preceeding year to June of current year]
7	**Coherence and Comparability**	**Adequacy of statistics to be reliably combined in different ways and for various uses and the extent to which differences between statistics can be attributed to differences between the true values of the statistical characteristics**
7.1	Comparability – over time	The Agricultural Sowing pattern and Land Utilisation do not change rapidly and it is comparable with previous year(s) data.
7.2	Coherence	Follows a well established stipulated method of data tabulation, analysis and reporting to facilitate coherence.

8	**Statistical Processing**	**Any statistical processing undertaken to finalise the data**
8.1	Source data type	Survey Data primarily from TRS/ EARAS villages ,
8.2	Frequency of data collection	Seasonwise in every Agricultural Year
8.3	Data collection method	1.The primary responsibility for collection of Statistics of Land Use and Area under Crops following prescribed procedures rests with various State Authorities. (a) For Land use Statistics complete land enumeration is done in the Land Record States. In case of Non-Land Record States land use statistics is estimated on the basis of multi-stage stratified sampling from 20% villages in the State in an agricultural year. (b)The yield rates of principal crops are estimated through General Crop Estimation Surveys (GCES) conducted by State agencies following scientific techniques of random sampling. 2. The Statistical check on 'core data' is undertaken through ICS Scheme and its three attendant AS Schedules namely: AS 1.0, AS 2.0 & AS 1.1.
8.4	Data validation	1. The information canvassed through GCES form- I,II & III and AS Schedules are scrutinized at multiple levels. 2. Through the scheme 'Improvement of Crop Statistics (ICS)', AS Hqrs Faridabad, participates in sample check on the primary field work on sample basis by exercising technical supervision.
8.5	Data compilation	1. On the basis of CES appendices furnished by different SASAs, AS Hqrs. Faridabad prepares various State-wise Tables which are then sent to respective States for verification, after verification the verified data are consolidated into various Annexures & Appendices. 2. On the basis of Annexures & Appendices report writing is undertaken, the data is compiled into a Report titled "Consolidated Results of Crop Estimation Survey on Principal Crops 2018-19".
9	**Metadata Update**	**The date on which the metadata element was inserted or modified in the database.**
9.1	Metadata last posted	29-03-2023
9.2	Metadata last update	26-09-2023