

# Statistical Agriculture — Indicator Overview

**Domain:** Statistical Agriculture

**Track:** D — Knowledge Base Population

**Status:** ACTIVE (descriptive, reviewer-safe)

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## 1. Conceptual Overview

Statistical agriculture indicators describe **aggregated characteristics of agricultural systems** as recorded by official statistical institutions. These indicators summarise structures, production levels, and inputs across defined reporting units and periods.

Within SAL, indicators are treated as **reported statistical descriptors**, not as analytical constructs or decision tools.

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## 2. Structural Indicators

Structural indicators commonly documented by FAO and Eurostat include: - Number and size of agricultural holdings - Land-use categories and crop areas - Livestock populations by type - Farm structure classifications

These indicators describe **agricultural system composition**, not performance or efficiency.

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## 3. Production Indicators

Production-related indicators typically include: - Crop production quantities and yields (aggregated) - Livestock production volumes - Harvested area statistics

Production indicators are reported according to official statistical definitions and reference periods.

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## 4. Input and Resource Indicators

Statistical agriculture datasets may include indicators related to: - Fertiliser and input use - Labour and employment in agriculture - Machinery and capital stock (where documented)

These indicators are descriptive summaries of reported inputs.

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## **5. Temporal and Spatial Aggregation**

Statistical agriculture indicators are characterised by: - Annual or multi-annual reporting cycles - Aggregation at national or regional levels - Time series enabling trend description

SAL does not calculate trends or adjust indicators beyond reported values.

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## **6. Methodological Notes (Descriptive)**

FAO and Eurostat indicators are produced under: - Defined statistical methodologies - Harmonised classifications and codes - Legal and institutional reporting frameworks

SAL records the existence of these frameworks without evaluating methodology or data quality.

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## **7. Positioning Summary**

Within SAL, statistical agriculture indicators are positioned as: - Official, aggregated statistical descriptors - Reference information for agricultural system context - Complementary to environmental and Earth observation indicators

No modelling, forecasting, benchmarking, or policy interpretation is implied.