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of the United Nations

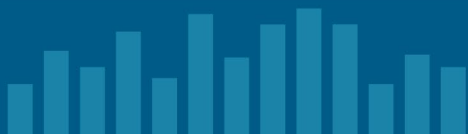
>> FAO Statistics Division

FAO Climate Change Statistics

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Background

- ❑ The FAO Statistics Division collects environment data from member states via National Focal Points

Example: National Statistic Offices, Ministry of Agriculture, etc.

- Fertilizers
- Pesticides
- Land Use



Inorganic fertilizers
2002–2023



Pesticides use and trade
1990–2023



Land statistics
2001–2023
Global, regional and country trends

- ❑ FAO also compiles analytical data products aligned with international methodologies and reporting
 - Emissions and Temperature Change (but also Bioenergy, Nutrient Balances, Land Cover)
- ❑ Data are disseminated in FAOSTAT annually

Climate Change Data in FAOSTAT



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<https://www.fao.org/faostat/en/#data/>

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FAOSTAT

Home Data Selected Indicators Compare Data Rankings Definitions and Standards FAQ Search an Indicator or Commodity

Data

DOMAINS DOMAINS TABLE

- Production
- Food Security and Nutrition
- Food Balances
- Trade
- Prices
- Cost and Affordability of a Healthy Diet
- Food and Diet
- Land, Inputs and Sustainability
 - Land
 - Inputs
 - Sustainability Indicators
 - Climate Change Indicators
 - Temperature change on land
- Population and Employment
- Investment
- Macro-Economic Indicators
- Food Value Chain
- Climate Change: Agrifood system emissions
 - Totals and Indicators
 - Farm gate
 - Land use and change
 - Pre and post agricultural production
- Forestry
- SDG Indicators
- World Census of Agriculture

[News Release GHG](#)

[News Release Temp Change](#)



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FAOSTAT ANALYTICAL BRIEF 101

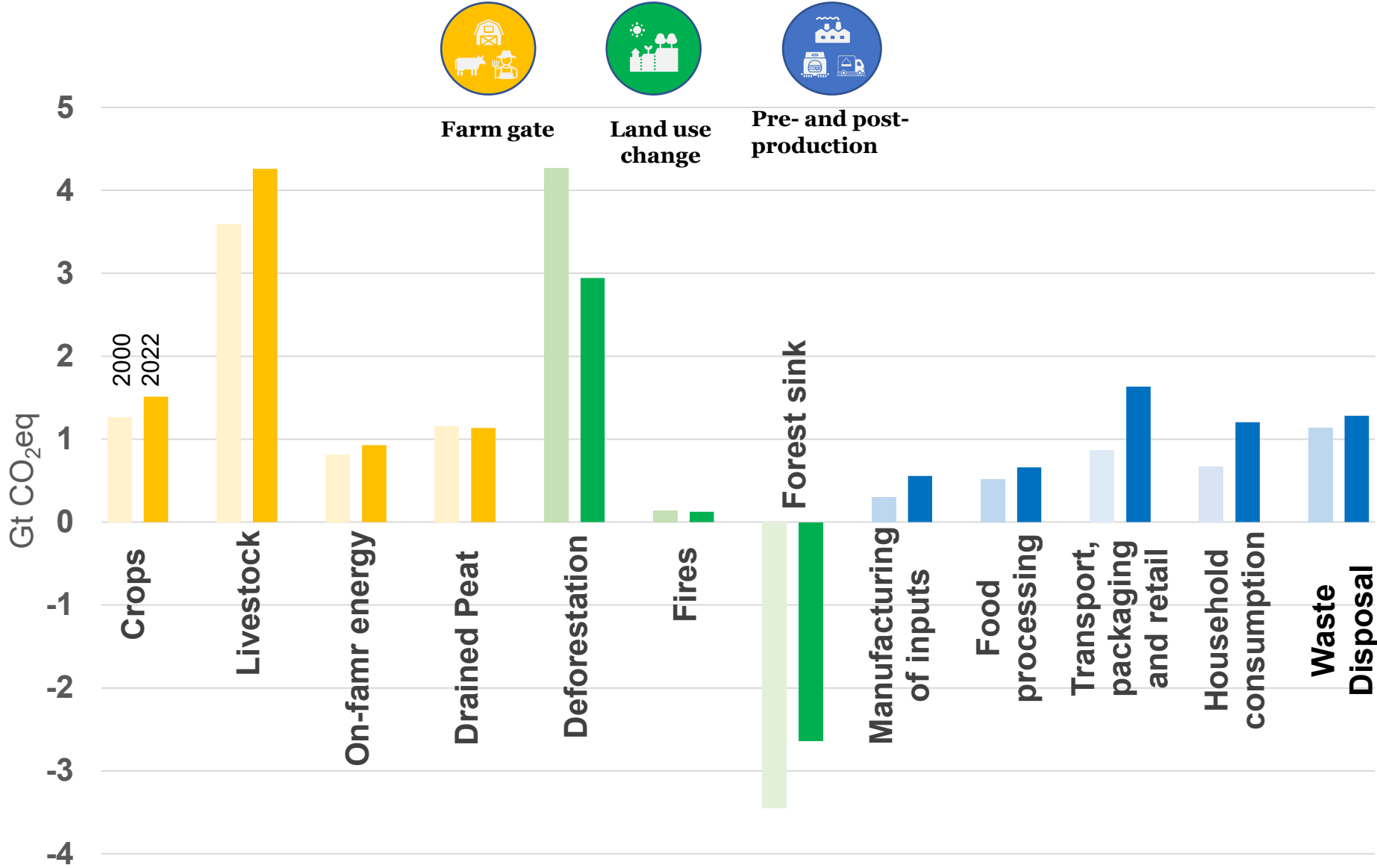
Temperature change statistics 1961–2024

Global, regional and country trends

EXAMPLES



Emissions from agrifood systems, 2000-2022



Emissions from agrifood systems (cont.)



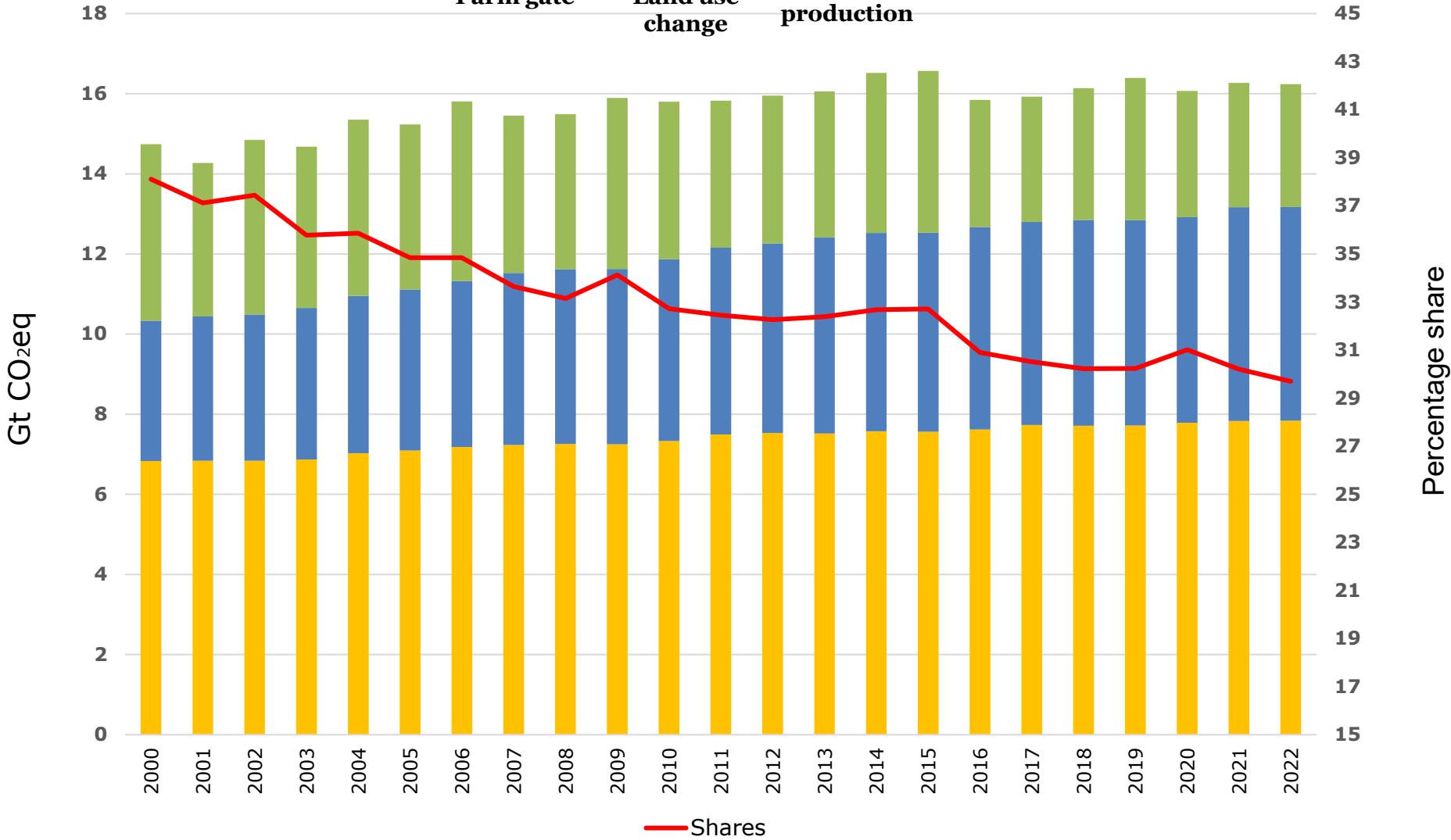
Farm gate



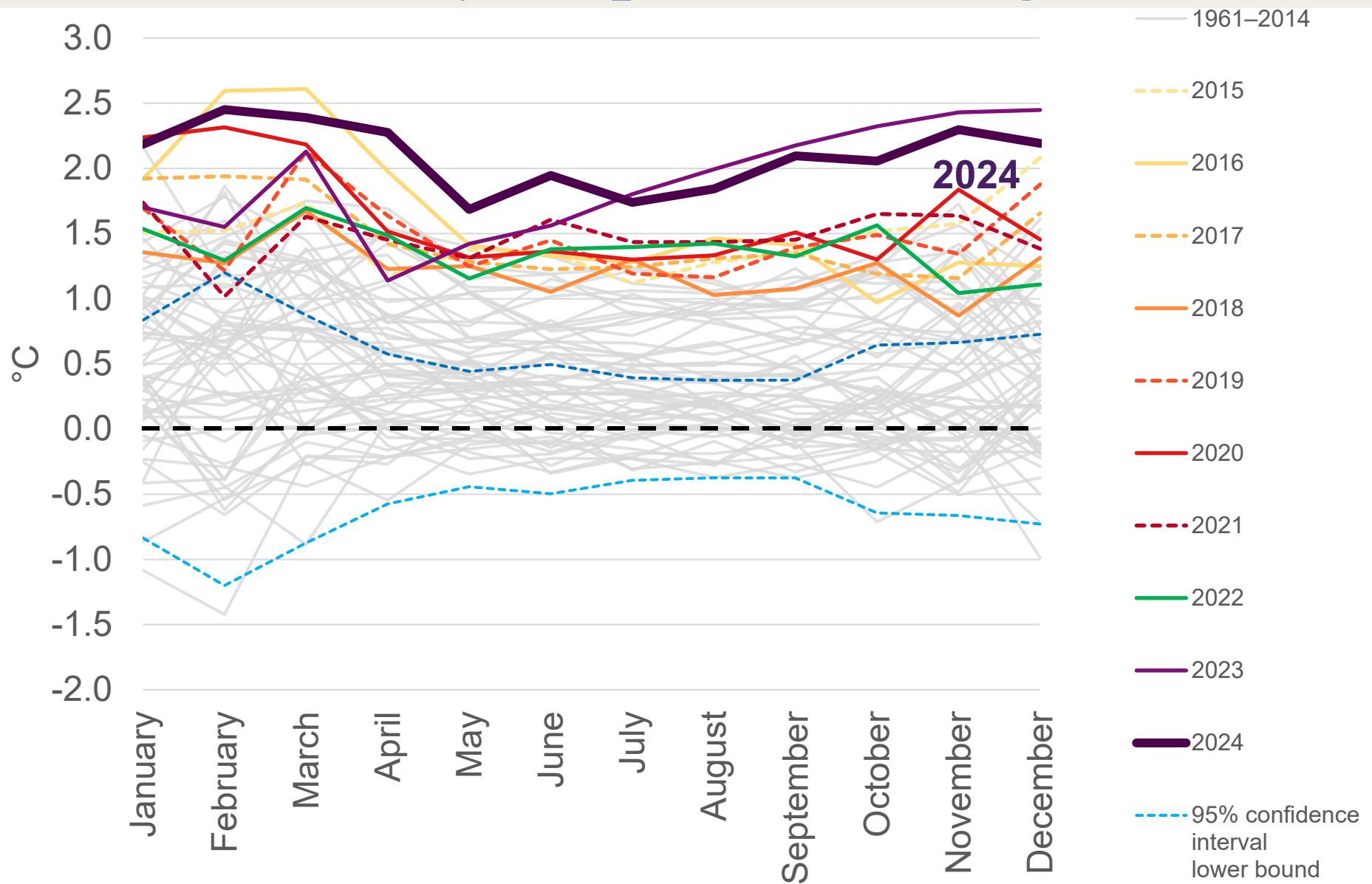
Land use change



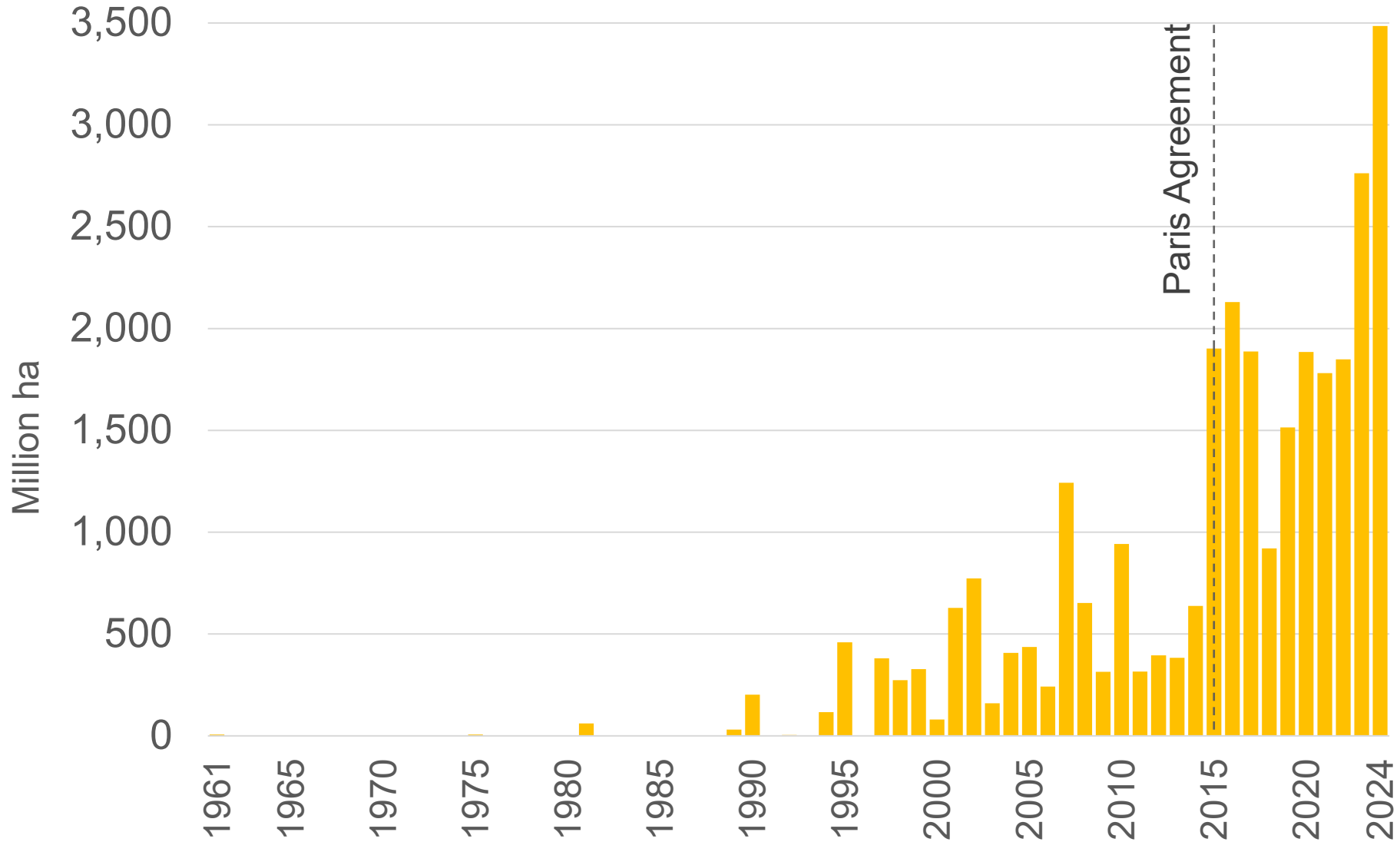
Pre- and post-production



Mean monthly temperature change on land



Global agricultural area above 1.5 C



Summary

- FAO produces and disseminates annually **Emissions** and **Temperature Change** statistics relevant to agrifood systems, making data available to users worldwide
- FAO Climate Change data support national analysis, mitigation and adaptation planning that align with international climate policy
- FAO experts are available to work with member countries in support of data quality improvements and national analysis



Thank You

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