



# **Original Purposes & Multi-applications of National Statistics Used for Japan's GHG Inventory**

## **- Agriculture Sector -**

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# 1. Major Problems for Developing Inventory Data on Agriculture Sector in Asia

Activity data for **agriculture soils emissions** are expected particularly related to **animals excretion** and **synthetic fertilizer N applied**.

*Lack of activity data: **livestock, water management for paddy, Area of Burned Grassland***

*Lack of activity data for the estimation of emissions of some source categories **in agriculture***



## 2. Japan's major statistics for Activity Data on Agriculture Sector

Category	Activity Data	Statistics	Ministry
4A, 4B	<i>Livestock population</i>	Livestock Statistics (Key sub-category)	MAFF (Ministry of Agriculture, Forestry and Fisheries)
		FAO statistics (Non-key sub-category)	-
4C	<i>rice field area</i>	1. Statistics of Cultivated and Planted Area 2. Crop Statistics	MAFF
4D, 4F	<i>crop field area</i>		
4D	<i>animals excretion</i>	Report of the research on the state of wide-range movement and cyclical use of wastes (the volume on cyclical use)	MOE
4D	<i>synthetic fertilizer N applied</i>	Yearbook of Fertilizer Statistics (Pocket Edition)	MAFF

# 3. Japan's Institutional Arrangement for Major Agricultural Statistics

MAFF  
(Statistics Department)

- Planning and designing of investigation
- National level aggregation of results
- Analysis of results

Agricultural Administration Office,  
Regional Agricultural Administration  
Offices (each prefecture)

Arrangement and report by  
prefecture level or district level

Statistical and Information Center  
(each local area in prefecture)

Implementation and  
Examination of investigation

Statistical  
investigator

Mailing etc.

Site survey

Investigated place



# 4. Statistics Merits for Developing statistics on Agriculture Sector

## **Overall MERIT**

- Promotion of agricultural policy (Stabilizing food self-sufficiency)
- Stabilization of agricultural products and livestock product price
- Reduction of rice area (adjustment of rice cultivation)

## **Each statistics MERIT**

- **Crop field area** : Food self-sufficiency rate
- **Livestock population** : Promotion of livestock administration ( grasp present condition , improvement of circulation, epidemic control, accident compensation)
- **Synthetic fertilizer** : N applied contributes to applying amount of proper
- **Animals excretion** : Promotion of waste administration



# 5. Summary

- In some Asian countries, problem is **Lack of activity data**.
- In Japan, **MAFF** produces the **main agricultural statistics**  
(livestock statistics, crop area statistics)
- In Japan, **MOE** produces **waste statistics** (livestock excretion)
- In Japan, **agricultural statistics by government** are improved for many years, and reliable institutional arrangement has been made.
- **Merits** which produces agricultural statistics are **grasp present condition, improvement of circulation, stabilization of food self-sufficiency ratio**, grasp and compensation of epidemic and disaster etc...



*Thank you!*

