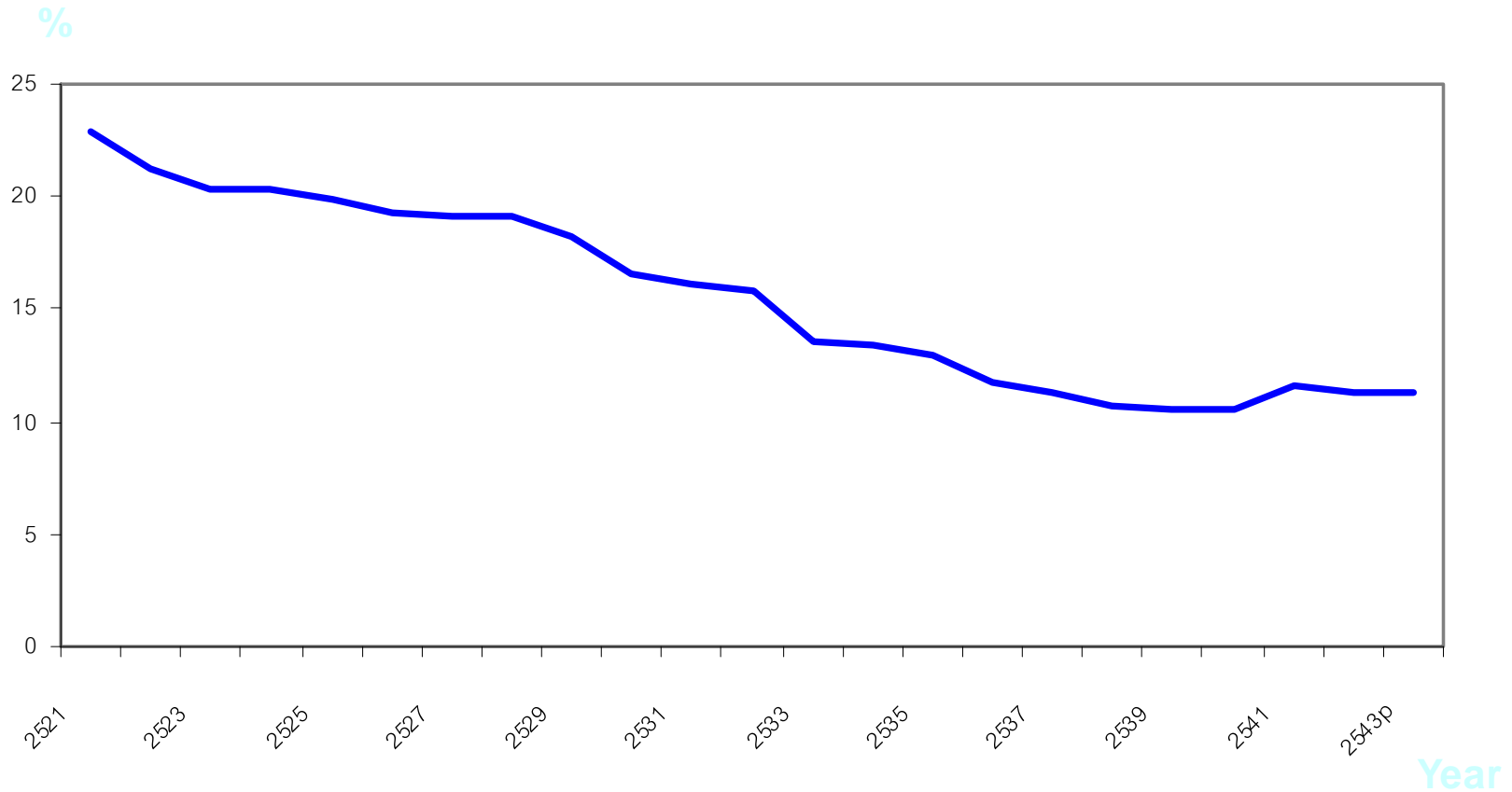


Thai Agriculture

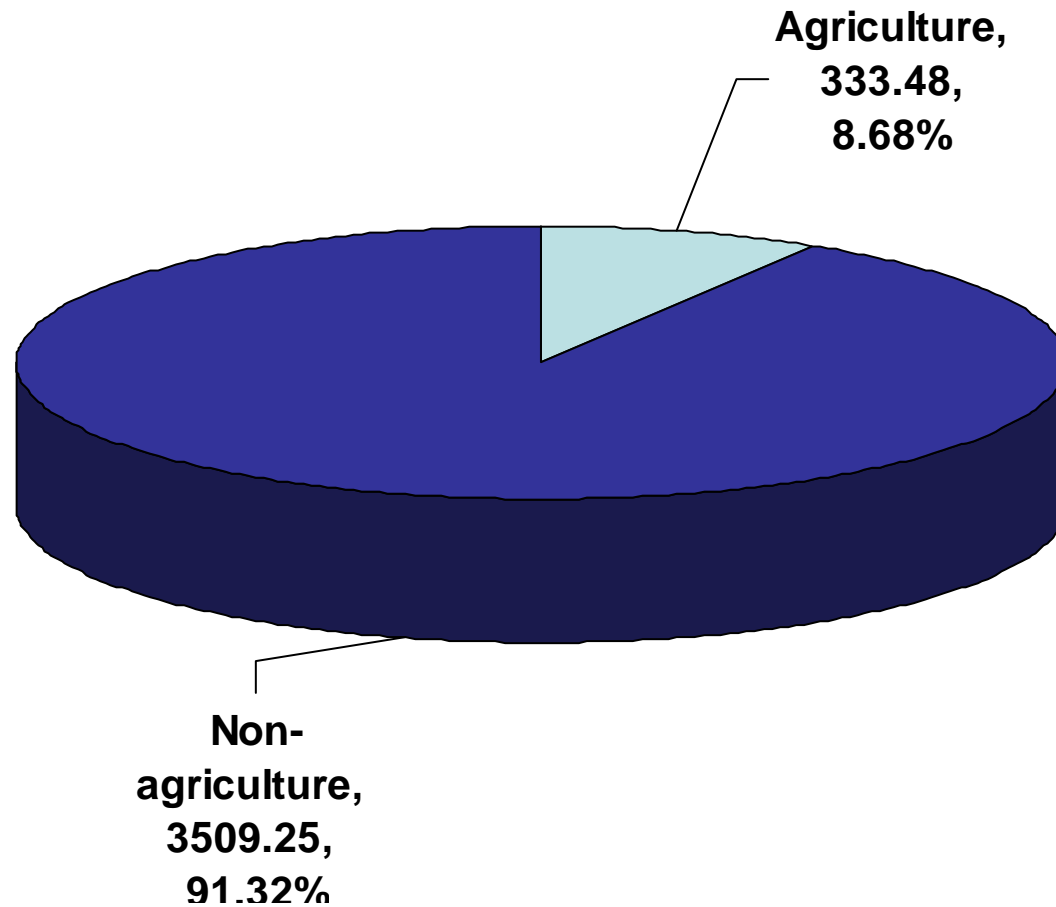
Share of Agricultural GDP (1988-2000)



ที่มา : สำนักงานคณะกรรมการพัฒนาการเศรษฐกิจและสังคมแห่งชาติ

GDP 2005

Unit: billion baht
& %



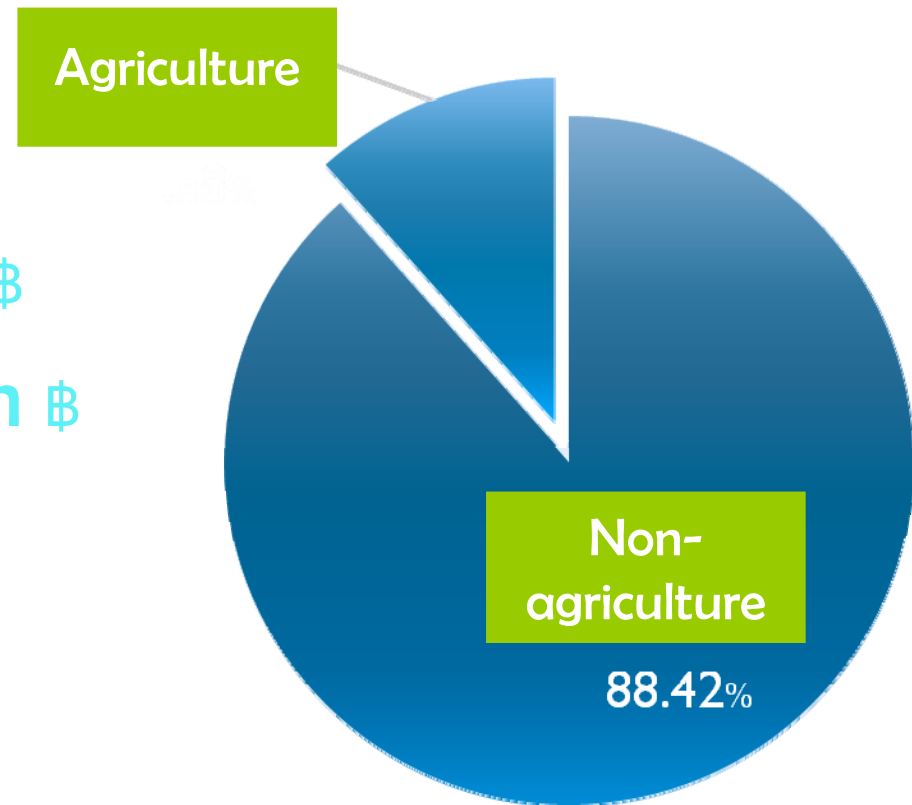
Source: NESDB

GDP 2008

9,104.96 Billion baht

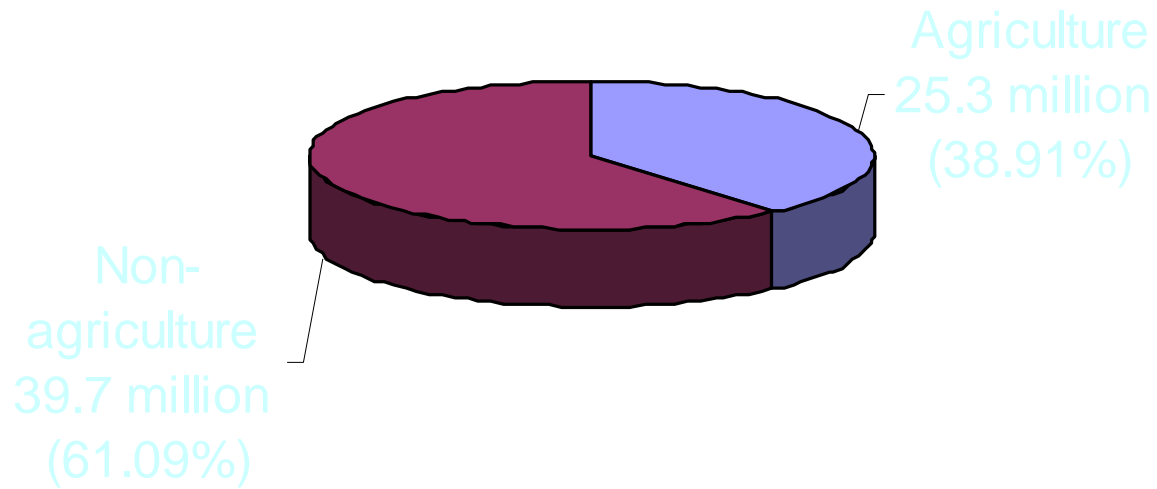
Non-agr. 8,050.78 Billion ฿

Agriculture 1,054.18 Billion ฿



Source: NESDB

Population 2005



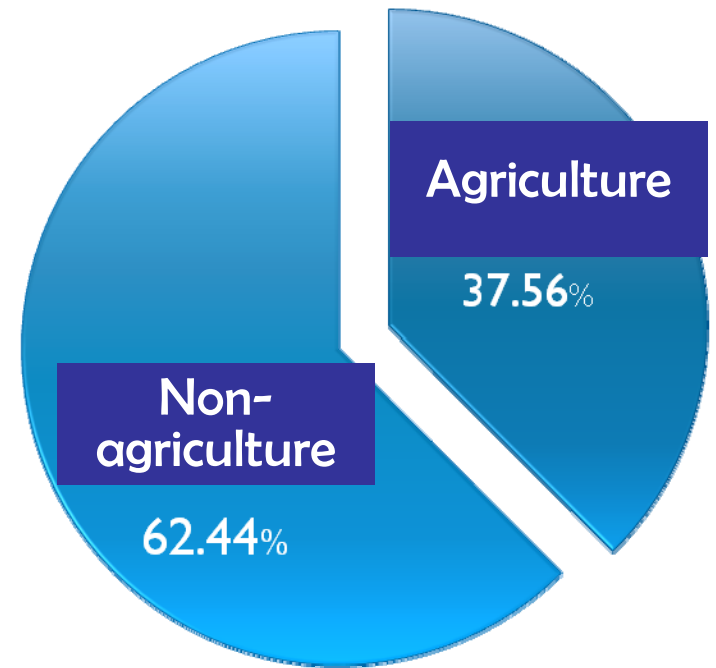
Source: NESDB

Population 2008

66.32 million people

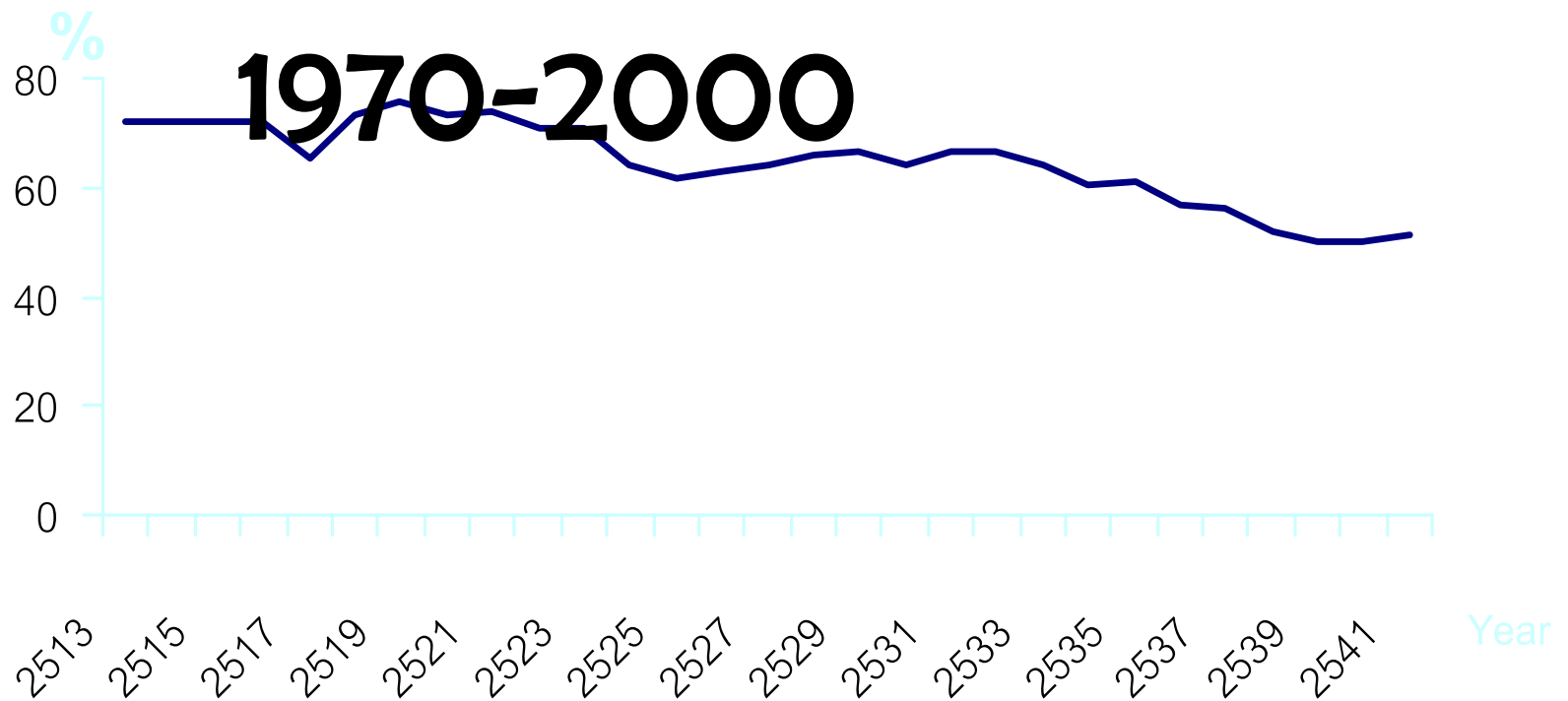
Agriculture 24.9 million

Non-agriculture 41.11 million

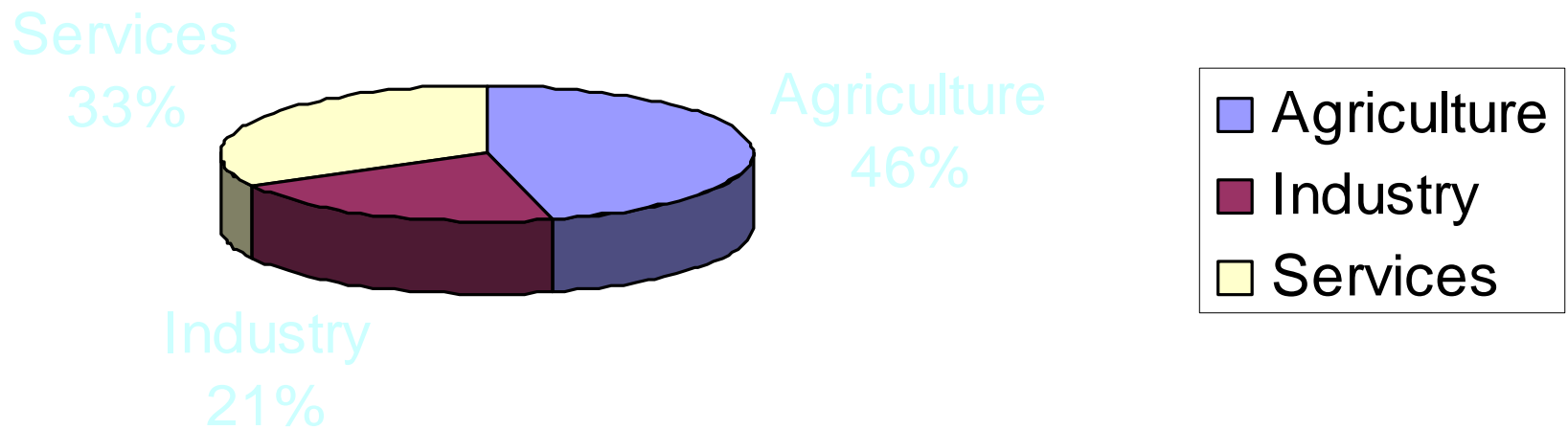


Source: NSO

Share of Agriculture in Total Labor Force



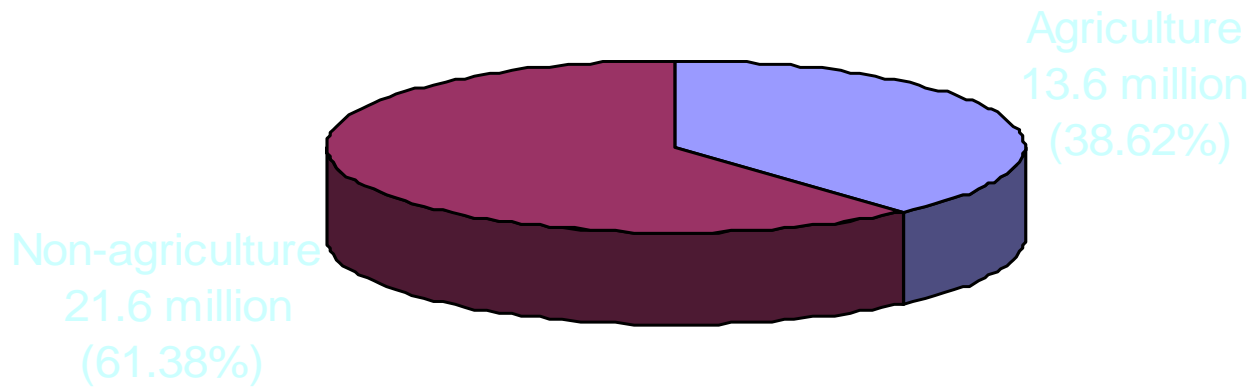
Labour Force (2002)



Source: NESDB

Labour Force 2005

หน่วย : ล้านคน



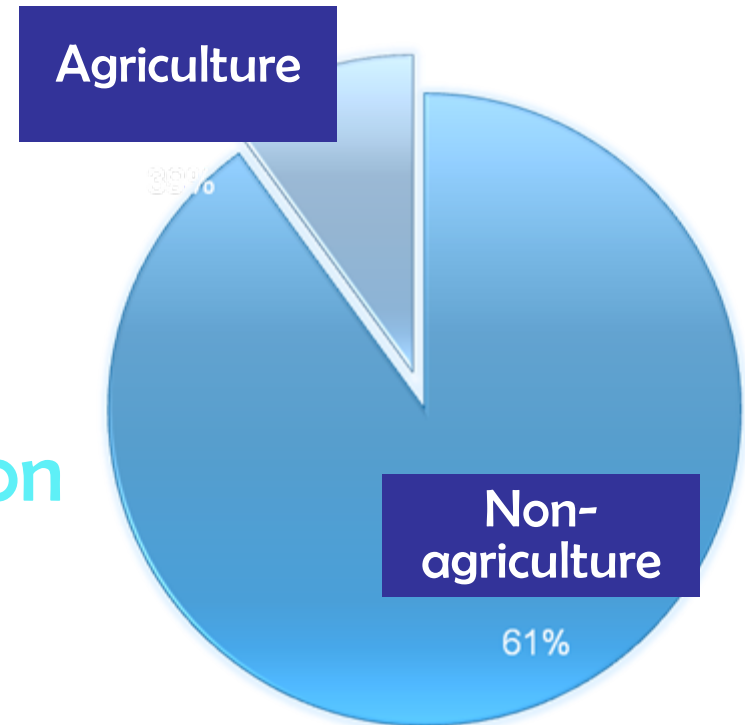
Source: NESDB

Labour Force 2008

37.7 million

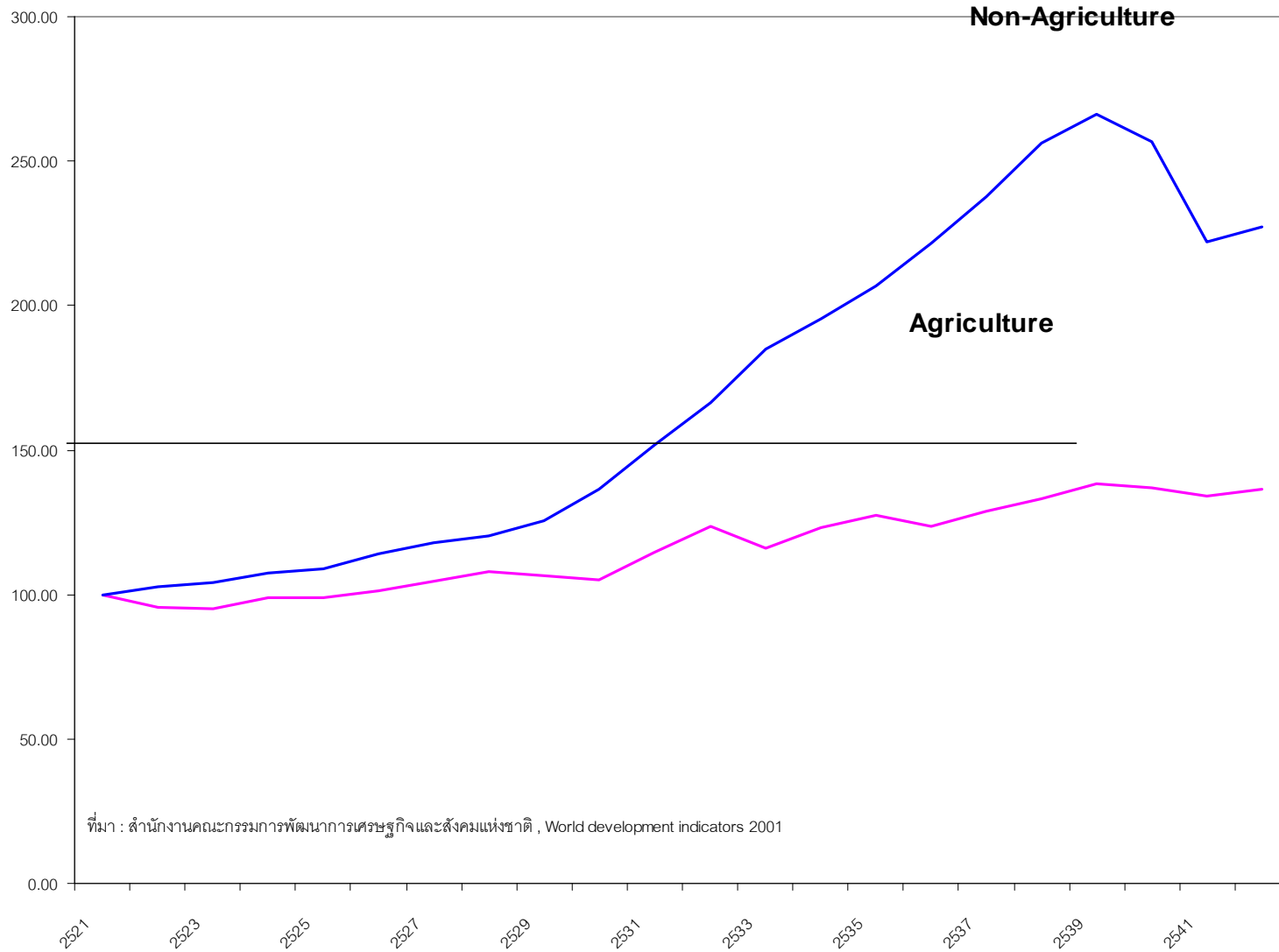
Agriculture 14.7 million

Non-agriculture 22.3 million



Source: NSO

Index of Real Per Capita Income 1978-2000



ที่มา : สำนักงานคณะกรรมการพัฒนาการเศรษฐกิจและสังคมแห่งชาติ , World development indicators 2001

YY

GDP per capita (2005)

	GDP (m.฿)	Population (m.)	GDP per capita	
Agriculture	333,480	25.3	13,181.0	1.0
Non agriculture	3,509,250	39.7	88,394.2	6.7
Total	3,842,730	65.0	101,575. 2	

GDP per capita (2008)

	Population (m.)	GDP (m.₹)	GDP per capita
Agriculture	24.9	1,054,175	42,336.345
Non-agriculture	41.1	8,050,784	195,882.82
Total	66.32	9,104,959	137,288.28

1
4.6

Sources: NESDB and NSO

GDP per capita (2008) at 1988 price

	Population (m.)	GDP (m.฿) 1988 price	GDP per capita
Agriculture	24.9	389,125	15,627.51
Non- agriculture	41.1	3,980,931	96,859.64
Total	66.32	4,370,056	65,893.47

1

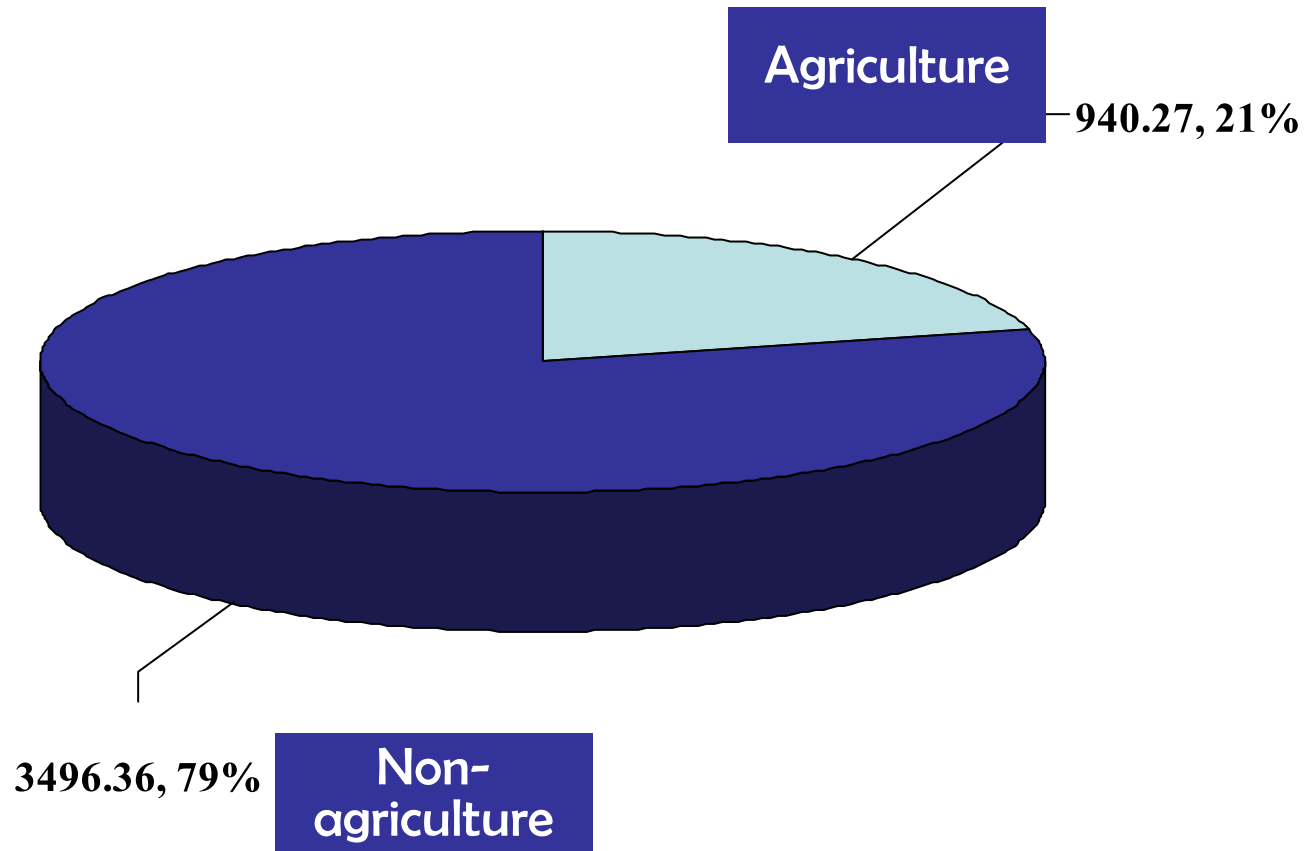
6.2

Sources: NESDB and NSO

- **Recently, agricultural product prices tend to rise faster than prices of non-agricultural products, reducing the gap of per capita income**
 - **Food prices, prices of natural rubber**

Export 2005

Unit: billion baht
and %



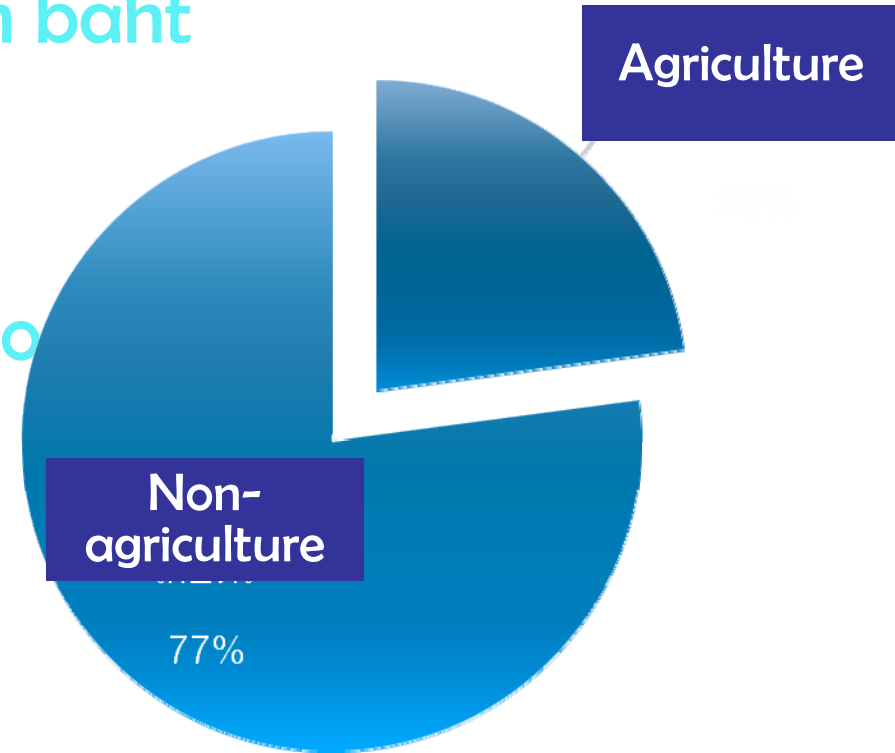
Source: Bank of Thailand

Export 2008

Total Export 5,853,629 million baht

Agriculture 1,339,412 million

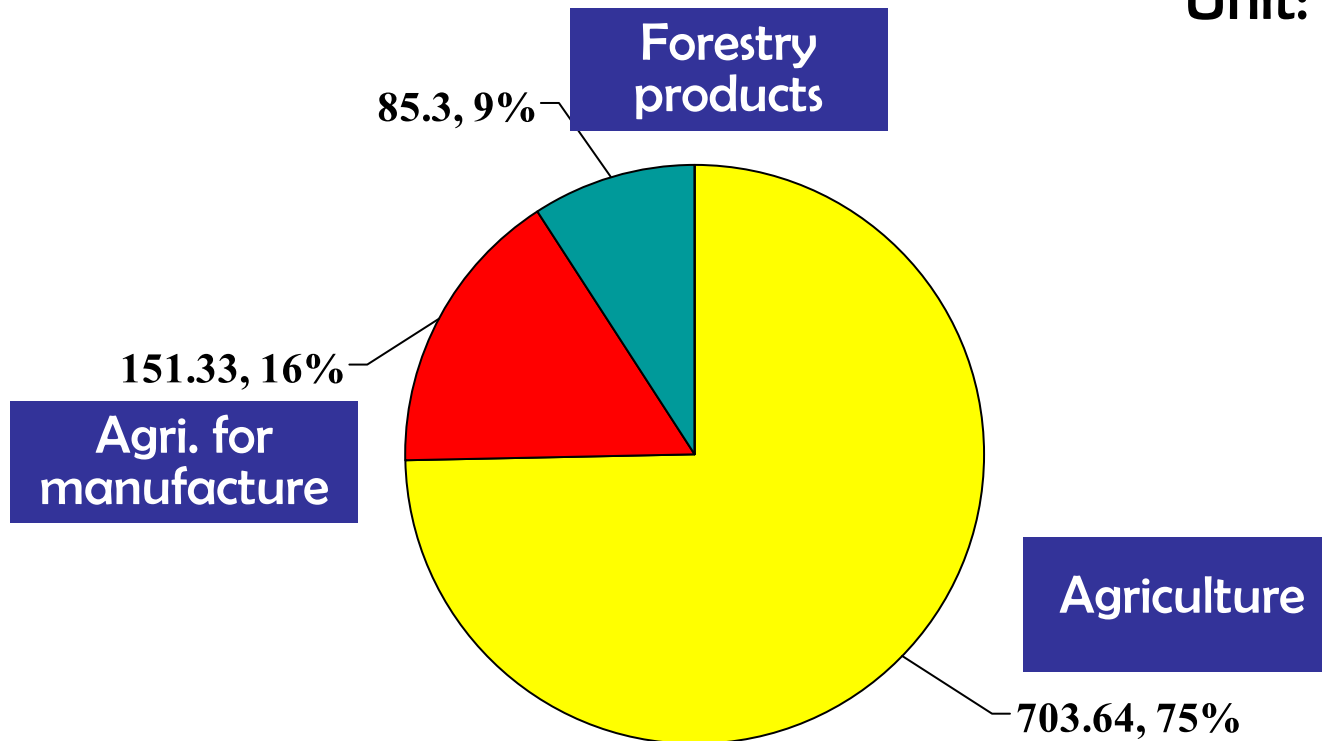
Non-agriculture 4,514,217 million



Source: Bank of Thailand

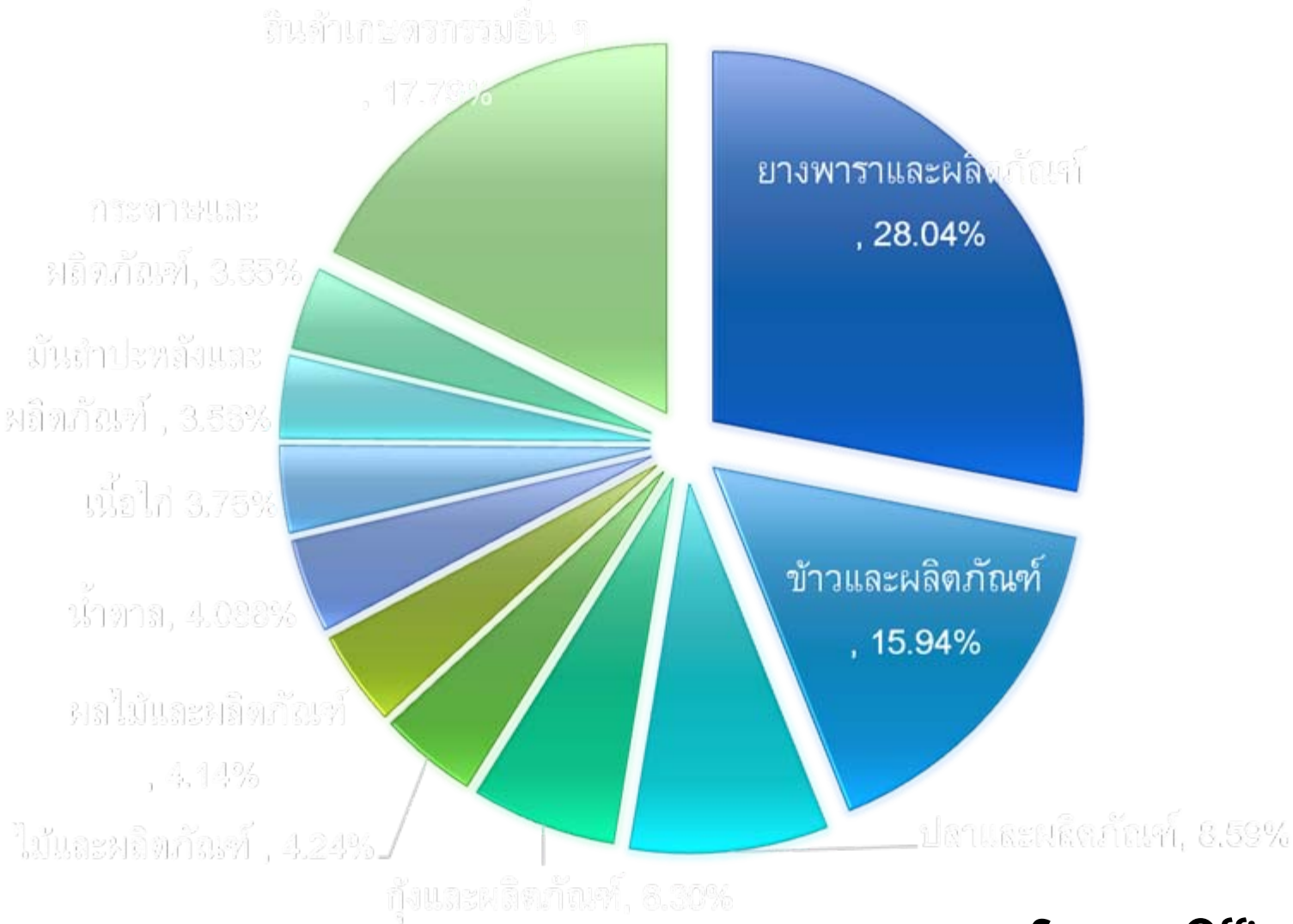
Export of Agricultural Products 2005

Unit: billion baht
and %



Source: Custom Department

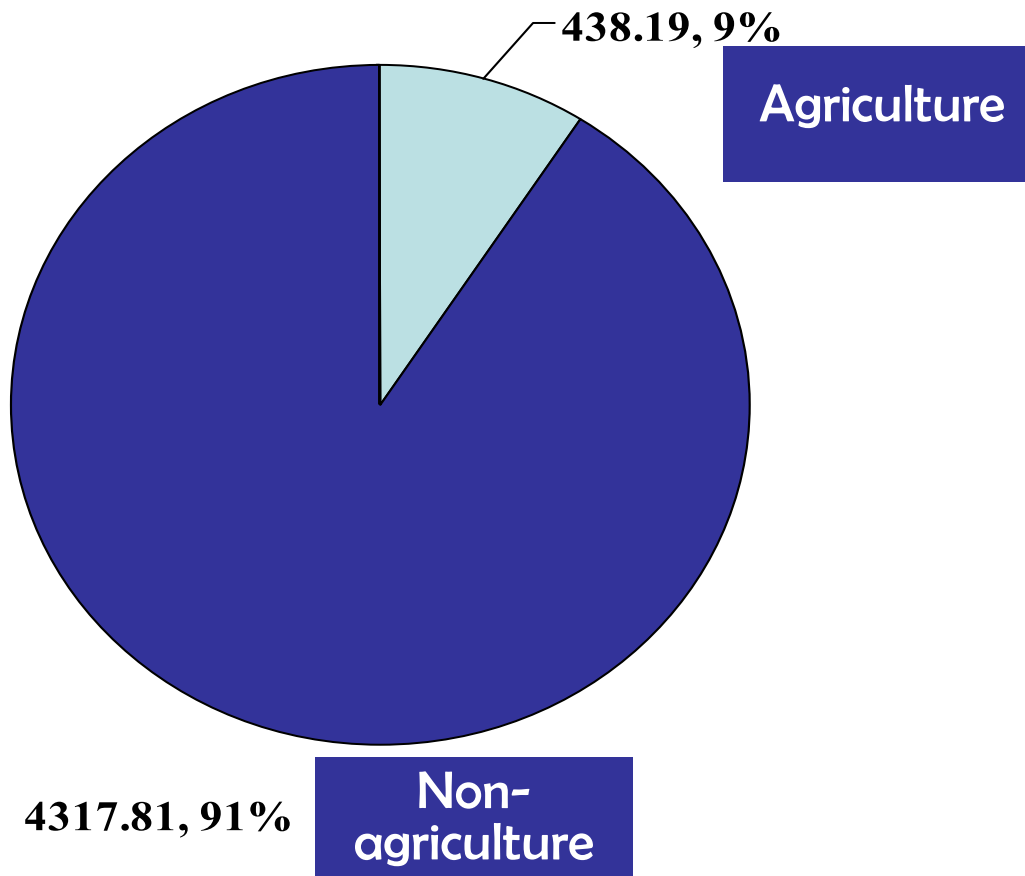
Export of Agricultural Products 2008



Source: Office of Agri.
Economic

Import 2005

Unit: billion baht
and %



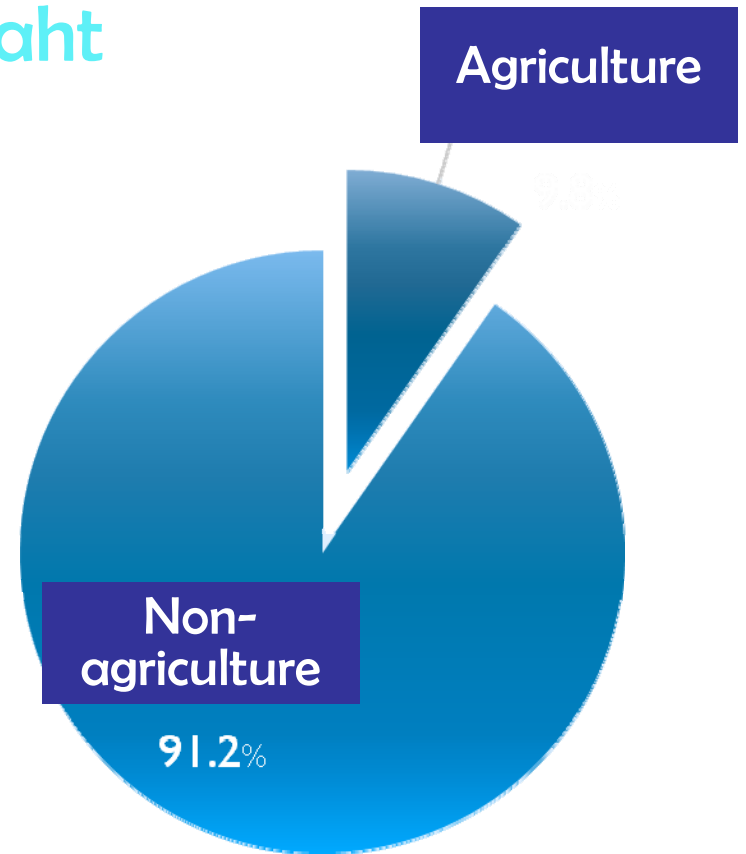
Source: Bank of Thailand

Import 2008

Total Import 5,944,007 million baht

Agriculture 584,124 million

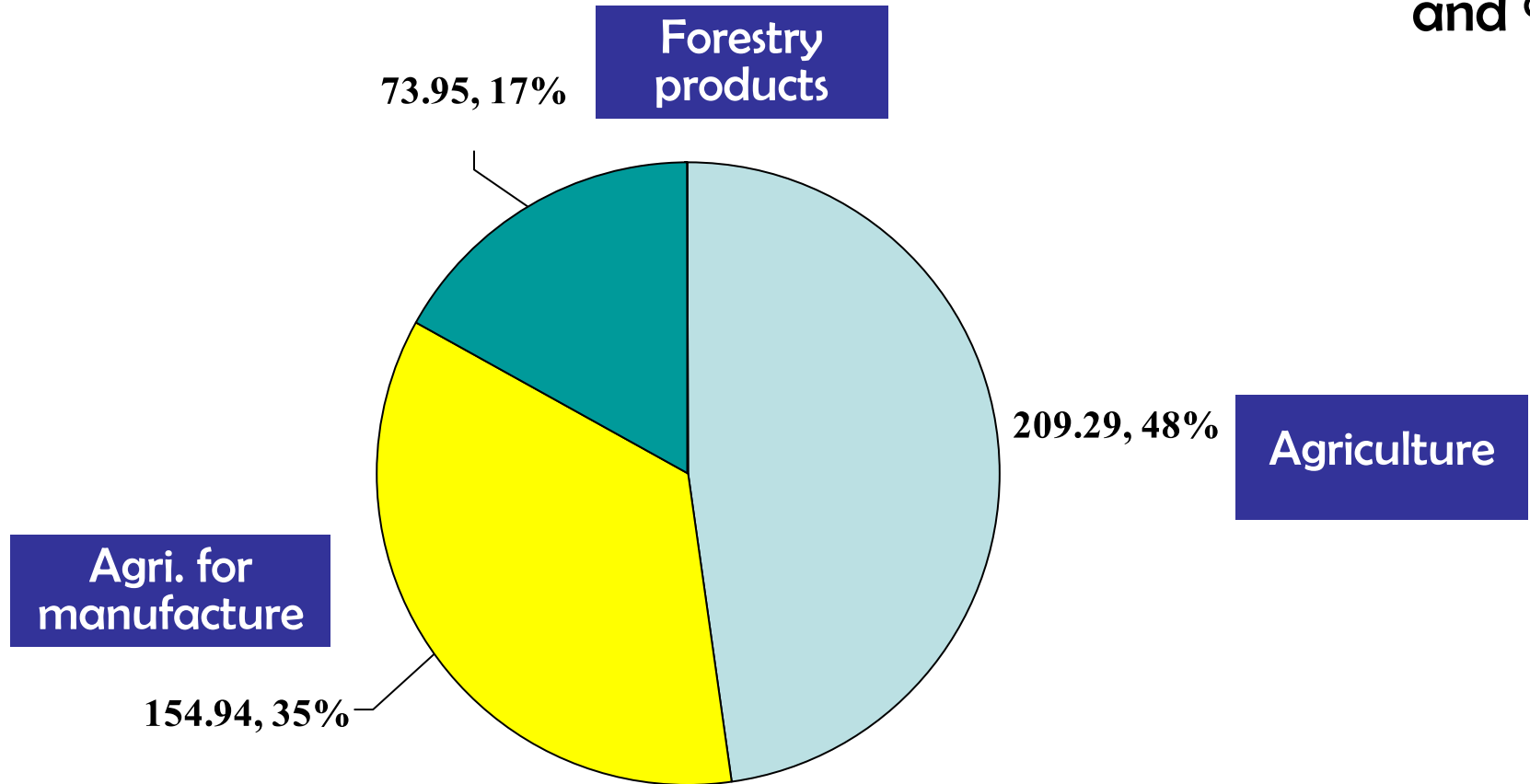
Non-agriculture 5,359,883 million



Source: Bank of Thailand

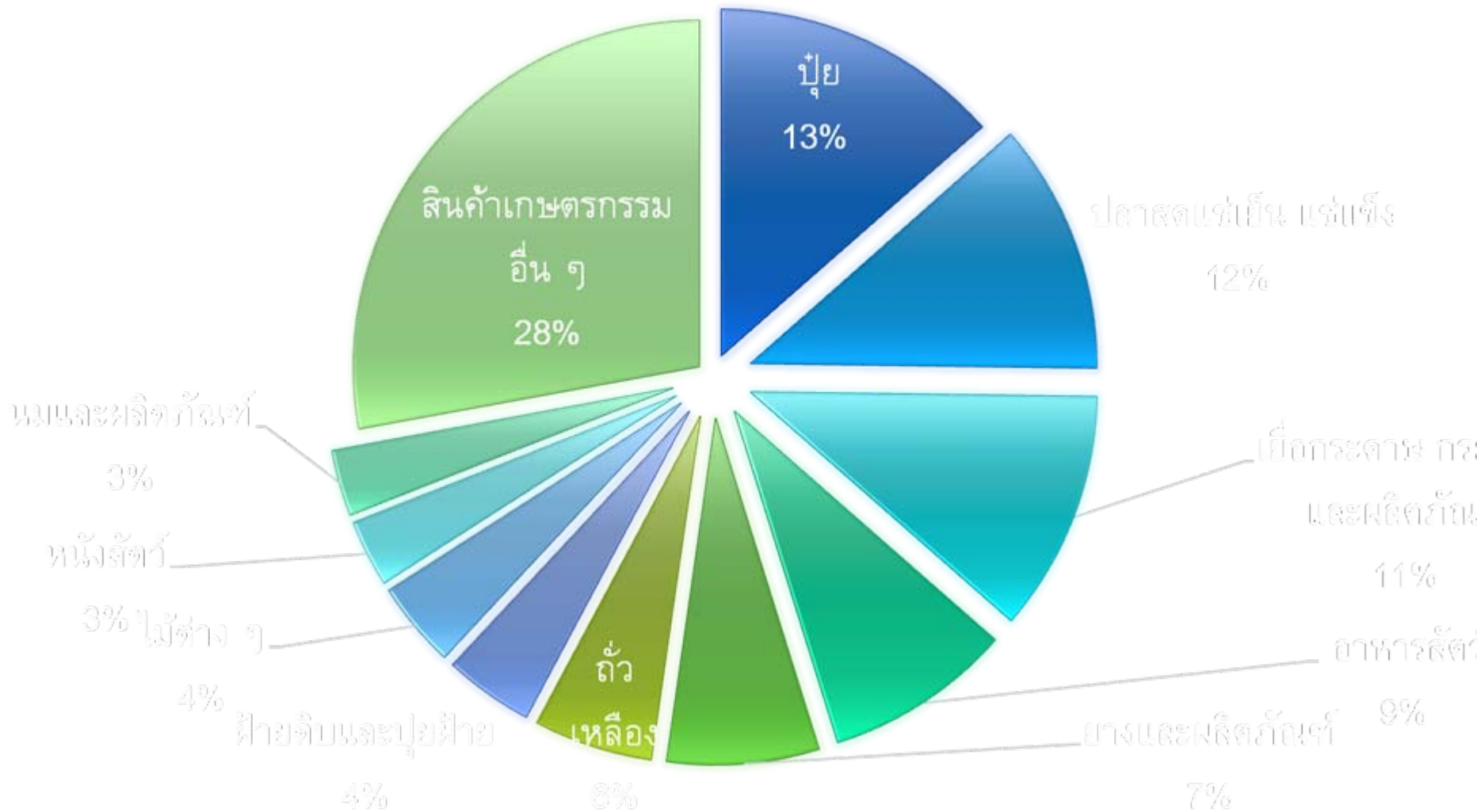
Imports of Agricultural Products 2005

Unit: billion baht
and %

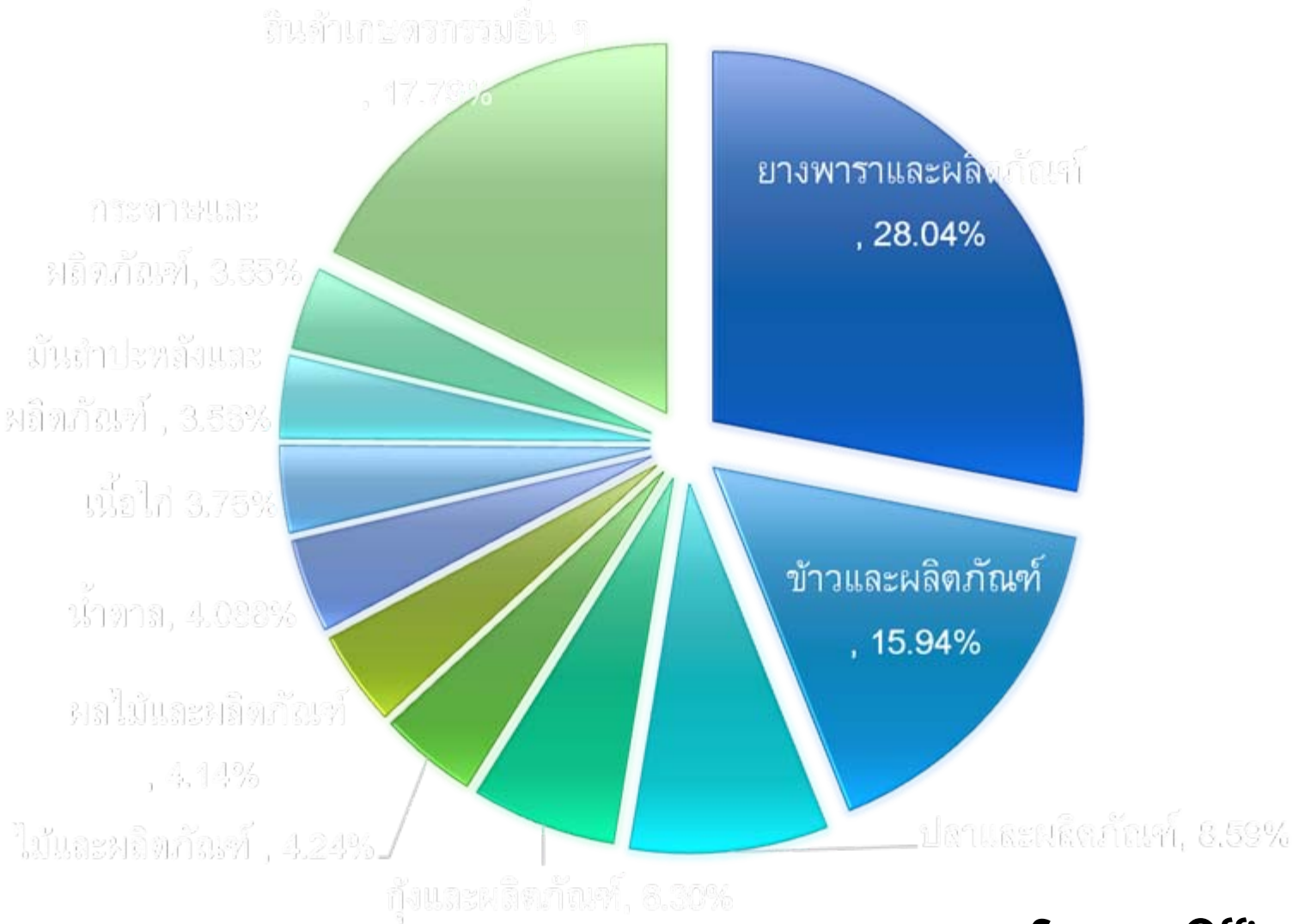


Source: Custom Department

Import of Agricultural Products 2008



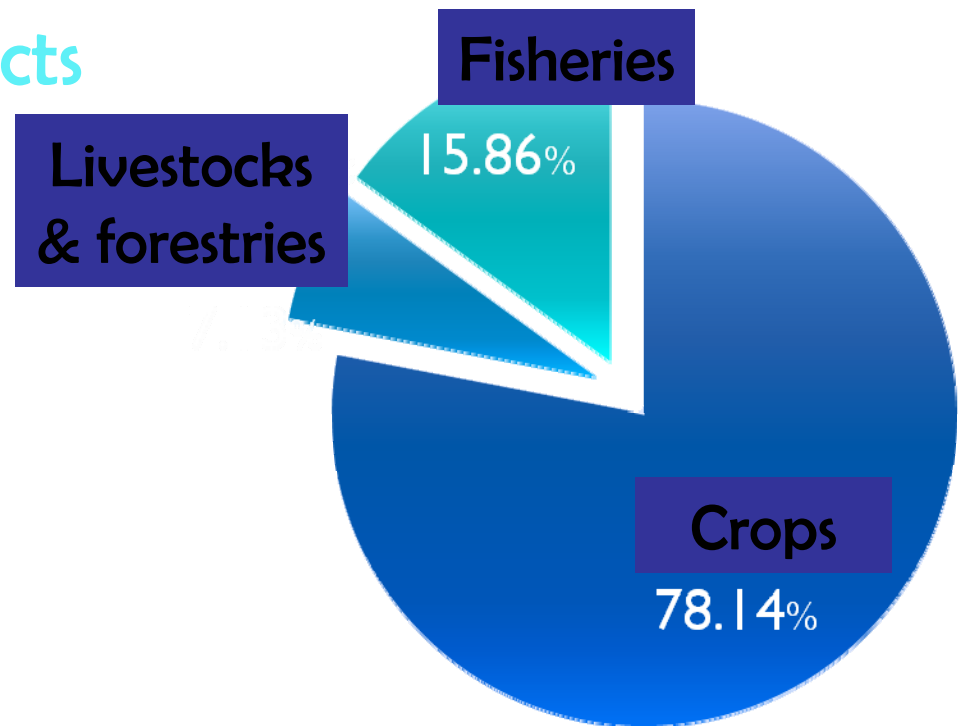
Export of Agricultural Products 2008



Source: Office of Agri.
Economics

Gross Private Expenditures 2008

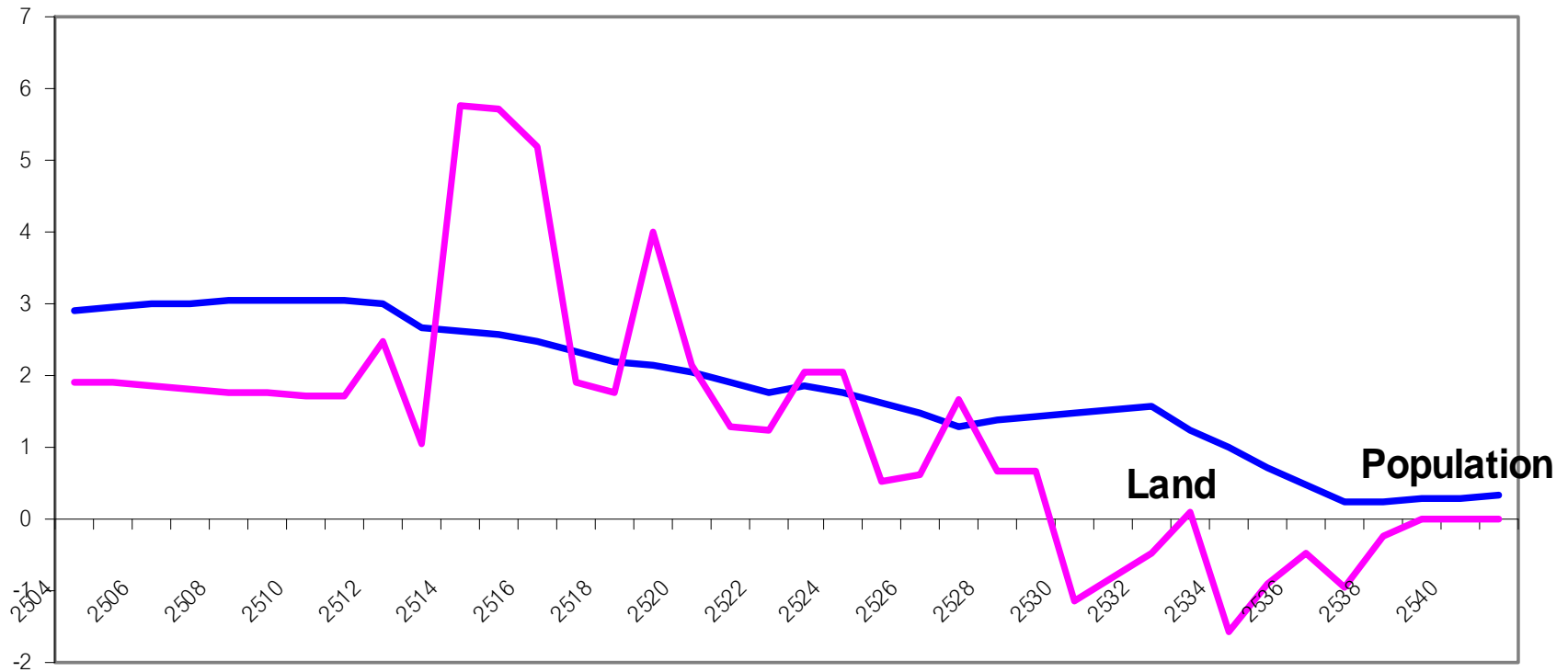
Expenditures
on agricultural products
789,325 million baht



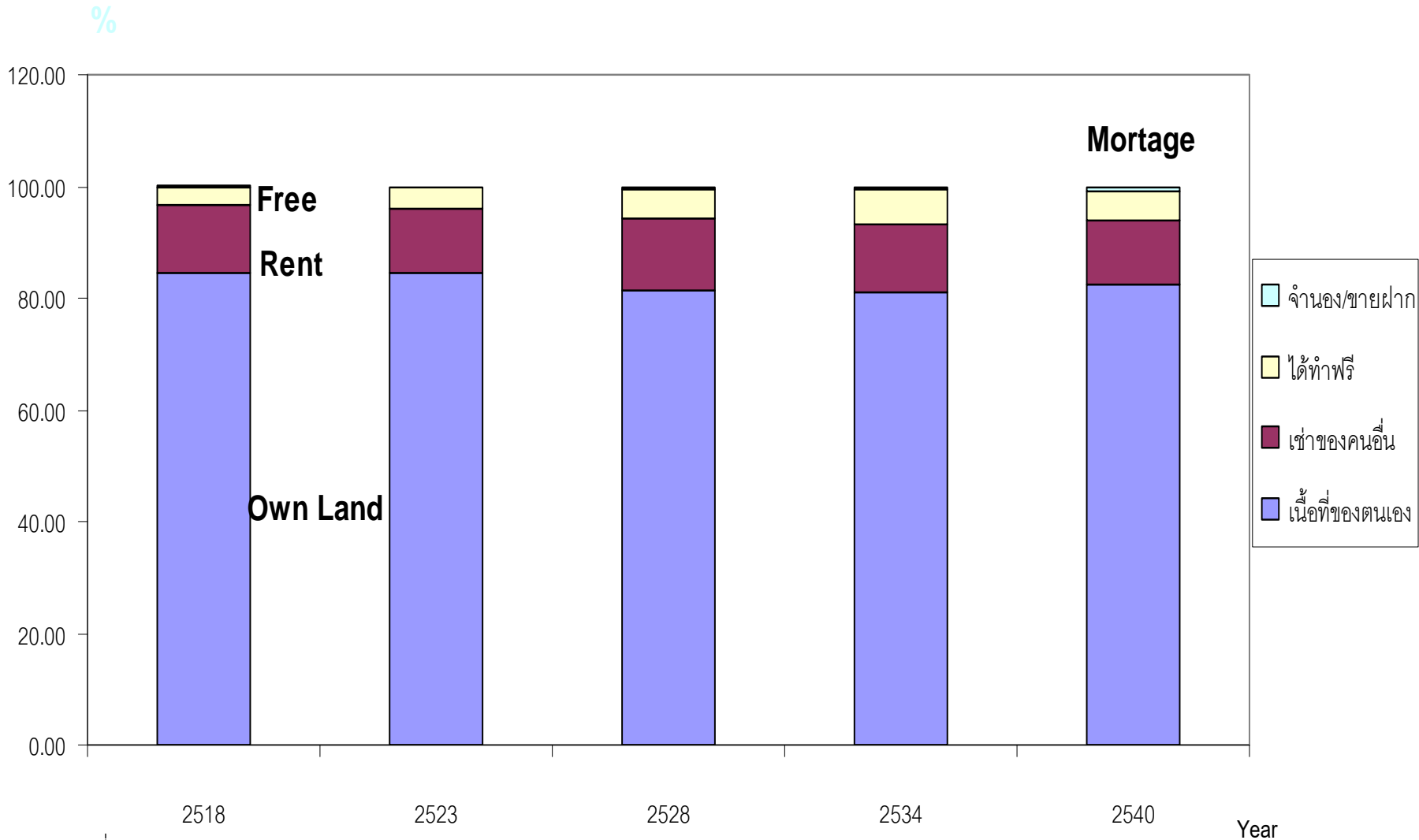
Source: NESDB

Growth Rates of Population and Farm Land (1963-2000)

Growth Rate %



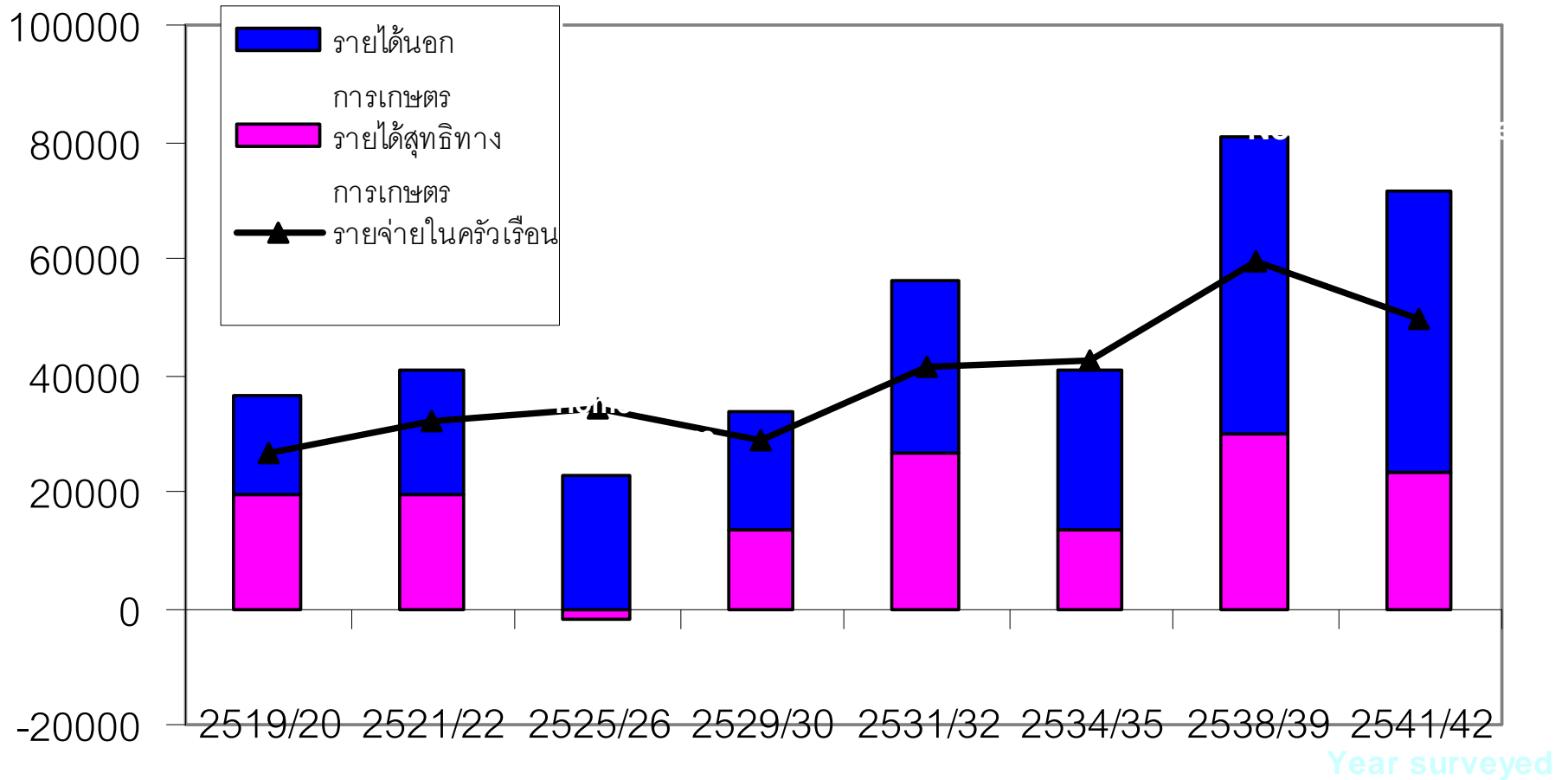
Farm Holding Land (1975-1997)



ที่มา: สำนักงานเศรษฐกิจการเกษตร

Cash Income and Expense of Farm Households (1973-2000)

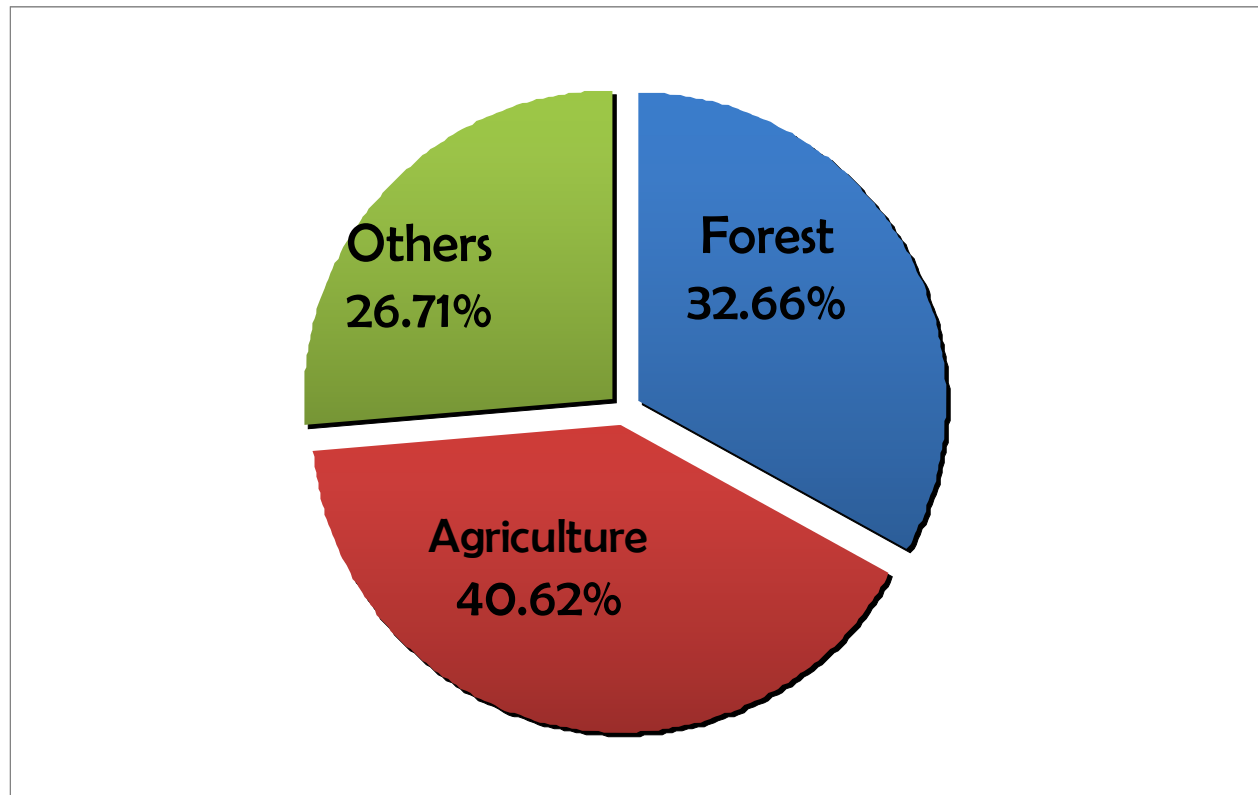
Baht / household



Source: Office of Agricultural Economics

Land Use 2006

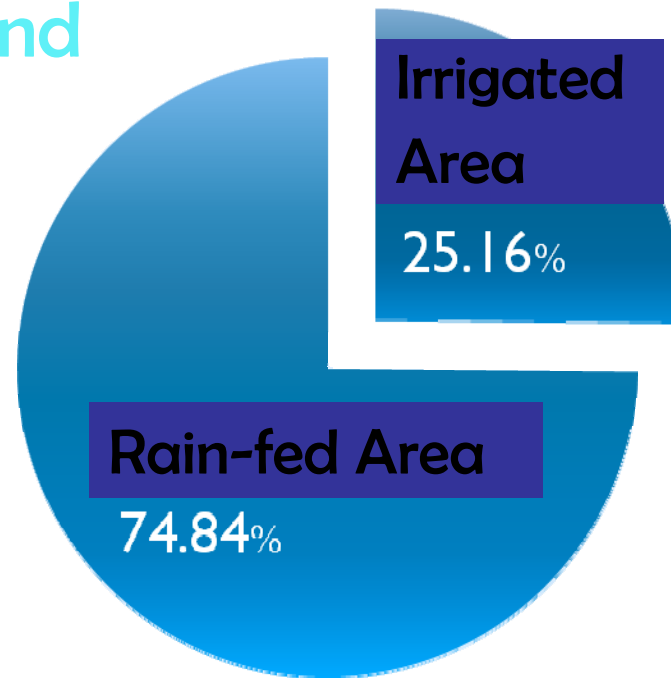
Total Area 320.70 million rais



Source; Center of Ag. Information, Office of Ag.Econ.
Dept. of Irrigation, Dept. of Royal Forestry

Agricultural Land 2006

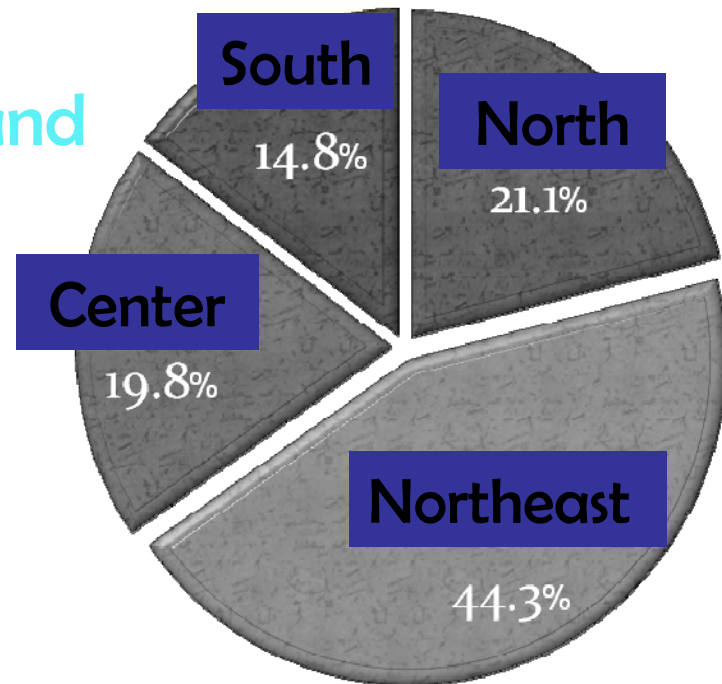
Total Farm Holding Land
130.29 million rai



Source; Center of Ag. Information, Office of Ag.Econ.
Dept. of Irrigation, Dept. of Royal Forestry

Agricultural Land by Region 2006

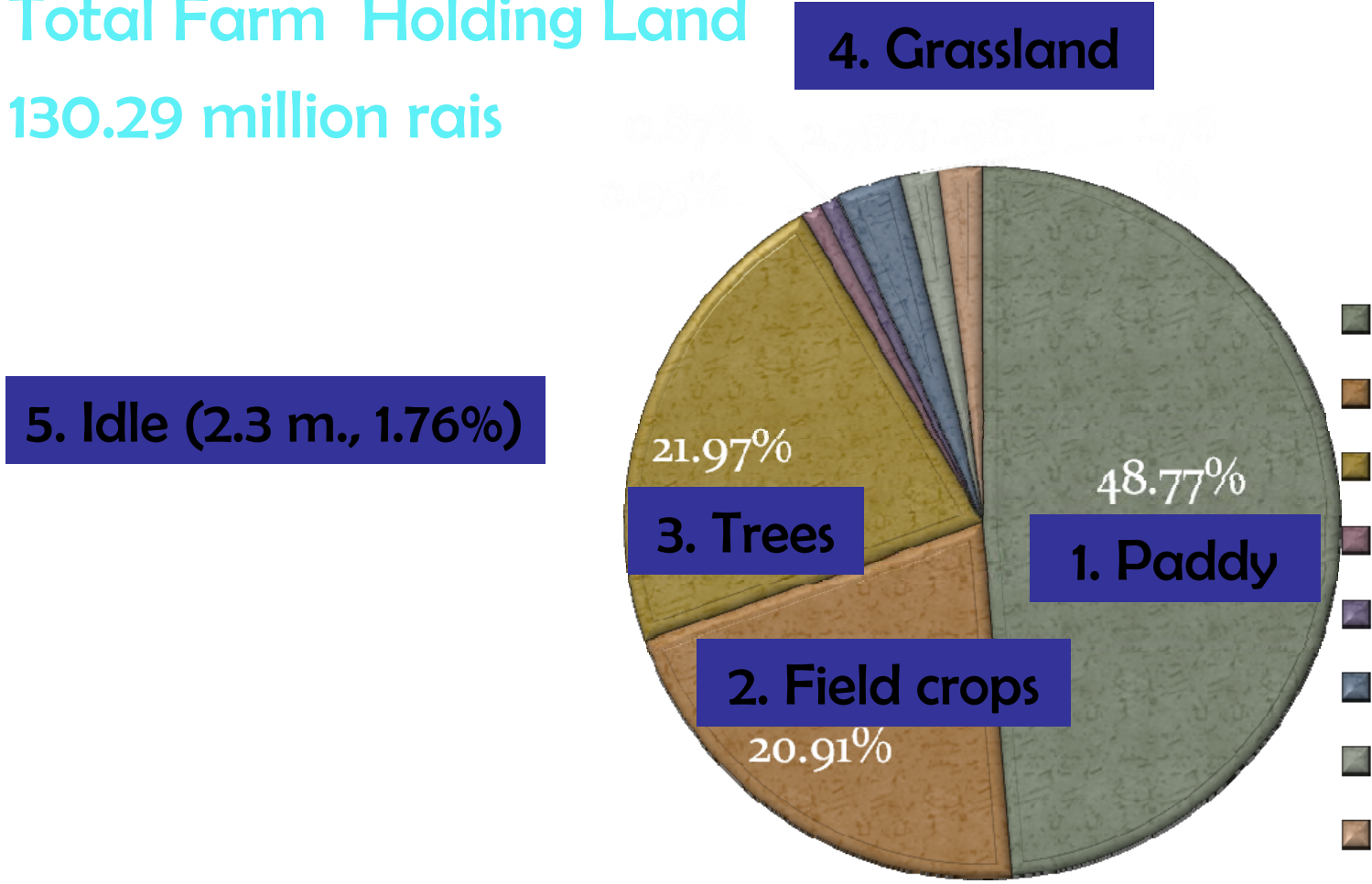
Total Farm Holding Land
130.29 million rai



Source; Center of Ag. Information, Office of Ag.Econ.

Agricultural Land Use 2006

Total Farm Holding Land
130.29 million rais



Source; Center of Ag. Information, Office of Ag.Econ.

Average Farm Size 2006

Whole Country 22.48 rais per household

North 20.68 rais

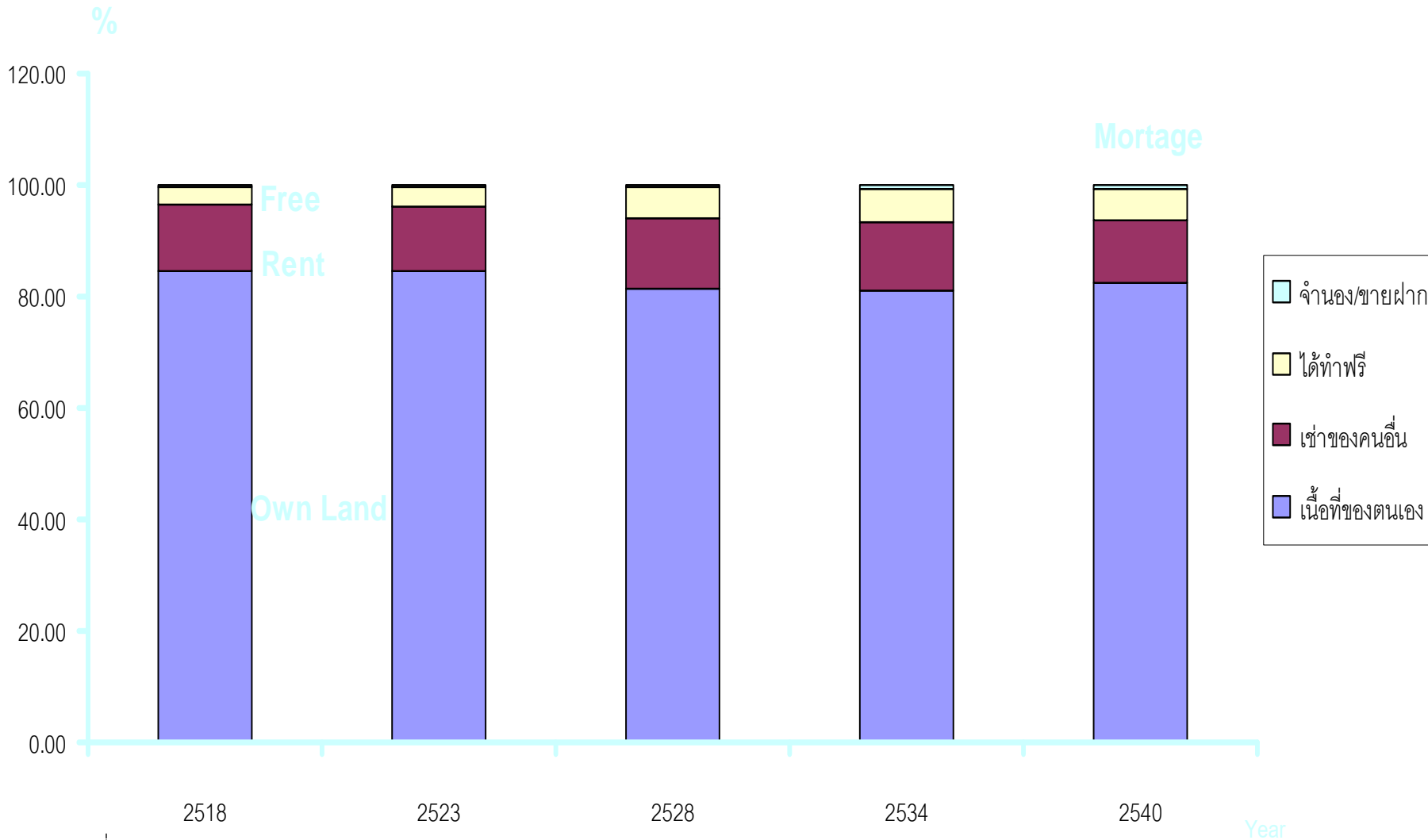
Northeast 21.42 rais

Central Plain 29.29 rais

South 21.64 rais

Source; Center of Ag. Information, Office of Ag.Econ.

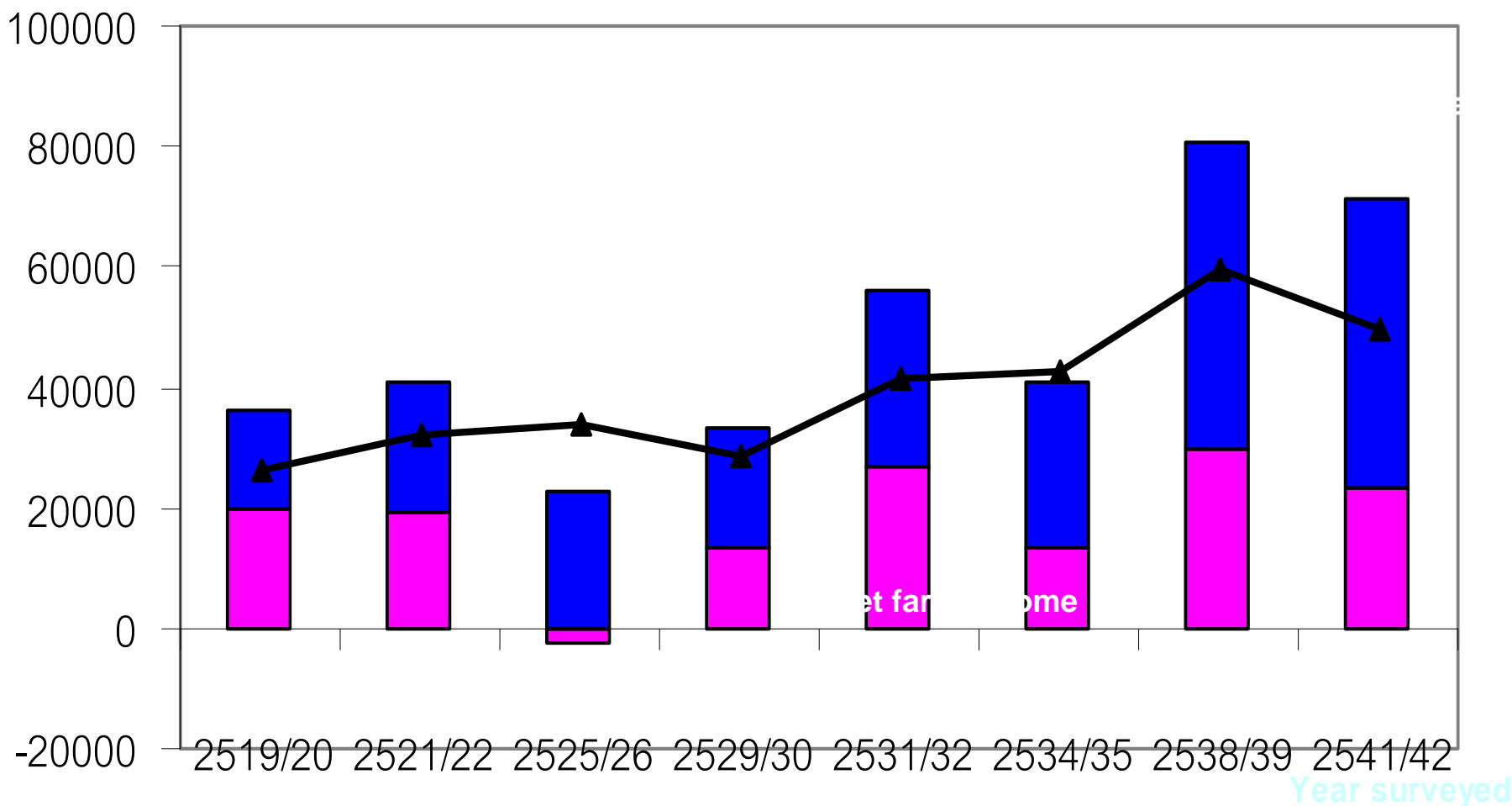
Farm Holding Land (1975-1997)



ที่มา: สำนักงานเศรษฐกิจการเกษตร

Cash Income and Expense of Farm Households (1973-2000)

Baht / household



Source: Office of Agricultural Economics

Farm Households 2001/02 - 2005/06

- Numbers of farm households are rather constant at 5.8 million households
- Average labour force 3 persons per farm
- Average farm size is slightly larger 23 - 23.8 rais
 - Central plain 30 rais per farm, outflow of labour, and changes of land ownership (land rent, land trade)
- Debt/equity is rising 0.07 → 0.10 (debt grows faster than assets)
- Rate of returns from investment rose 5.04% → 6.40%
- Rate of returns to labor 58 → 78 baht/days
 - Northeast (28) North (65) Center (131) South (211)

Prospects: Demand Side

- **World Food Market**

- Increase population in Africa
- Increase income in several areas
 - High quality
 - ready-to-eat

- **Demand for Energy crop, Industrial crop, crop for animal feed, for housing & landscape**

Prospects: Supply side

- **Kitchen of the World Policy**
 - Food safety / GMOs / Organic
 - Food security
- **Energy Crop**
- **Structural Change**
 - diversification of output
 - scarcity of labour → increase land-labour ratio
 - foreign labour
 - mechanization
 - agribusiness
 - food safety biased against small farmers
 - contract farming and farmers' groups

Risk

- **Environment, Climate Change**
- **National Policy and Institutional failure**
- **Productivity & Lack of Appropriate Technological**

Sustainability

- **Food for Consumption**
- **Environmental Friendly**
- **Standard of Living of Farmers**