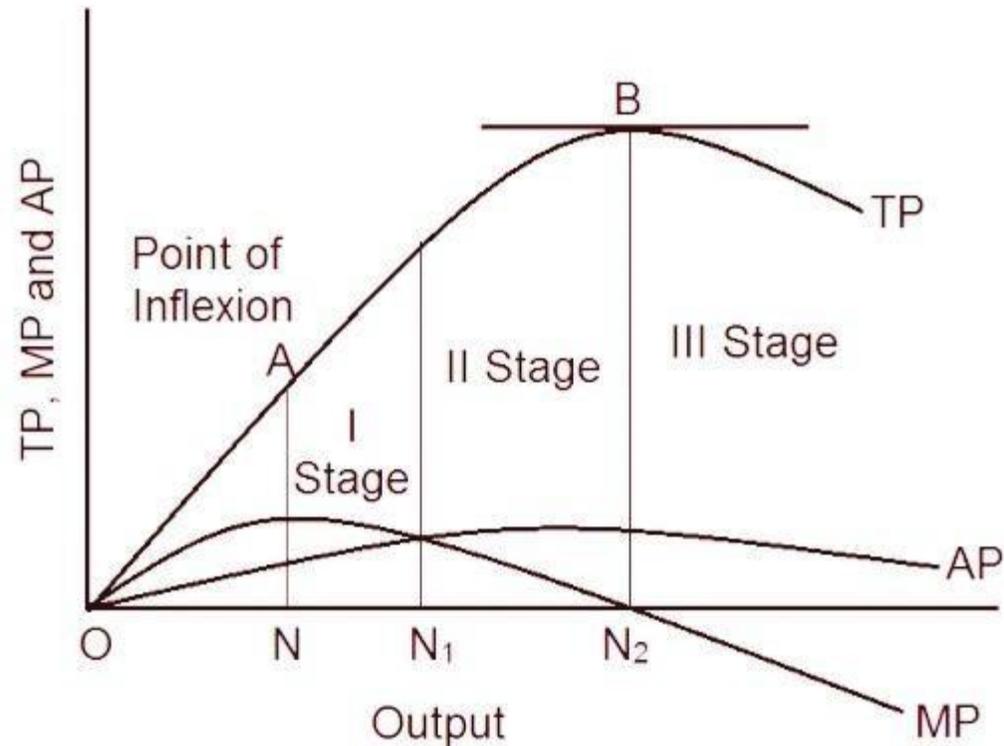




Welcome to Agricultural Economics Division



Profitability

Socioeconomics of stakeholders

Climatic Adaptation

Impacts

MANDATE

Value Chains

Rice Marketing

Technology Adoption

Gender

Sustainable Food Security

Rice Policy

Thematic Areas

Rural
institution &
economic
consequences

Production
Economics

Rice
marketing
and price
policy

Agricultural
policy and
development

Thematic area 1: Rural Institution & Economic Consequences

Activities

- Technology Adoption
- Climatic Consequences
- Risk Analysis
- Preference Analysis
- Credit Utilization
- Farmers Adaptation Practices
- Labour Demand-supply
- Varied Ecosystems and Rice Landscapes
- Land Tenorial Arrangement
- Contemporary Issues



Data collection



Thematic area 2: Production Economics

Activities

- **Costs of Production**
- **Farm Productivity and Efficiency**
- **Cropping Systems Productivity**
- **Risk Analysis**
- **Input Use Patterns**
- **Factor Share in Profitability**



Data collection



Thematic area 3: Rice Marketing and Price Policy

Activities

- **Structure, Conduct, Performance of Rice Market**
- **Value Chain**
- **Market Integration and Price Transmission**
- **Market Risk Analysis**
- **Scope of Rice By-products**



Market Surveys



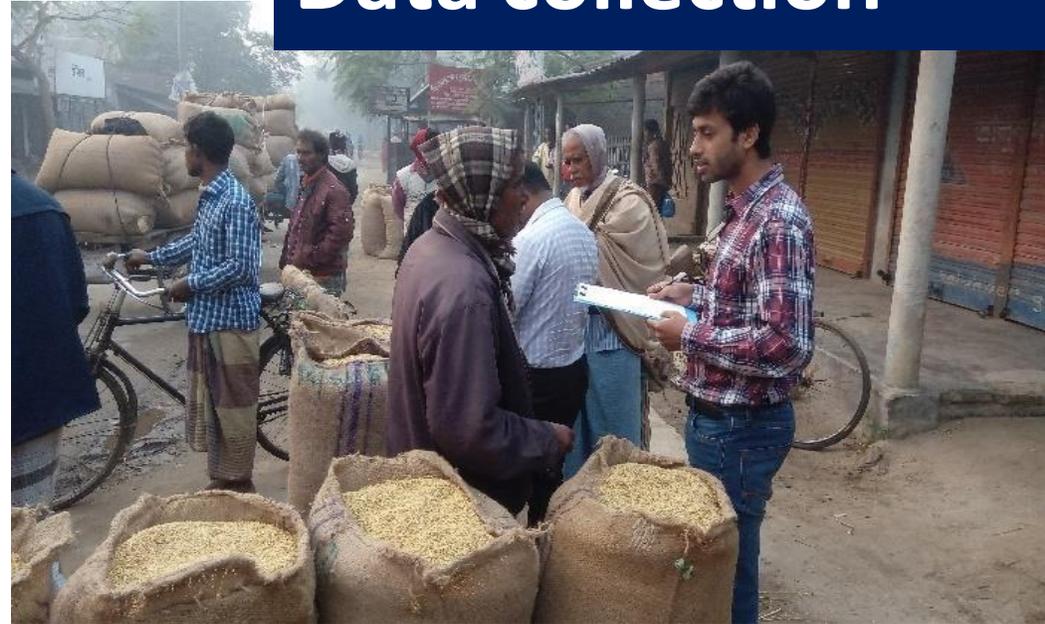
Thematic area 4: Agricultural Policy and Development

Activities

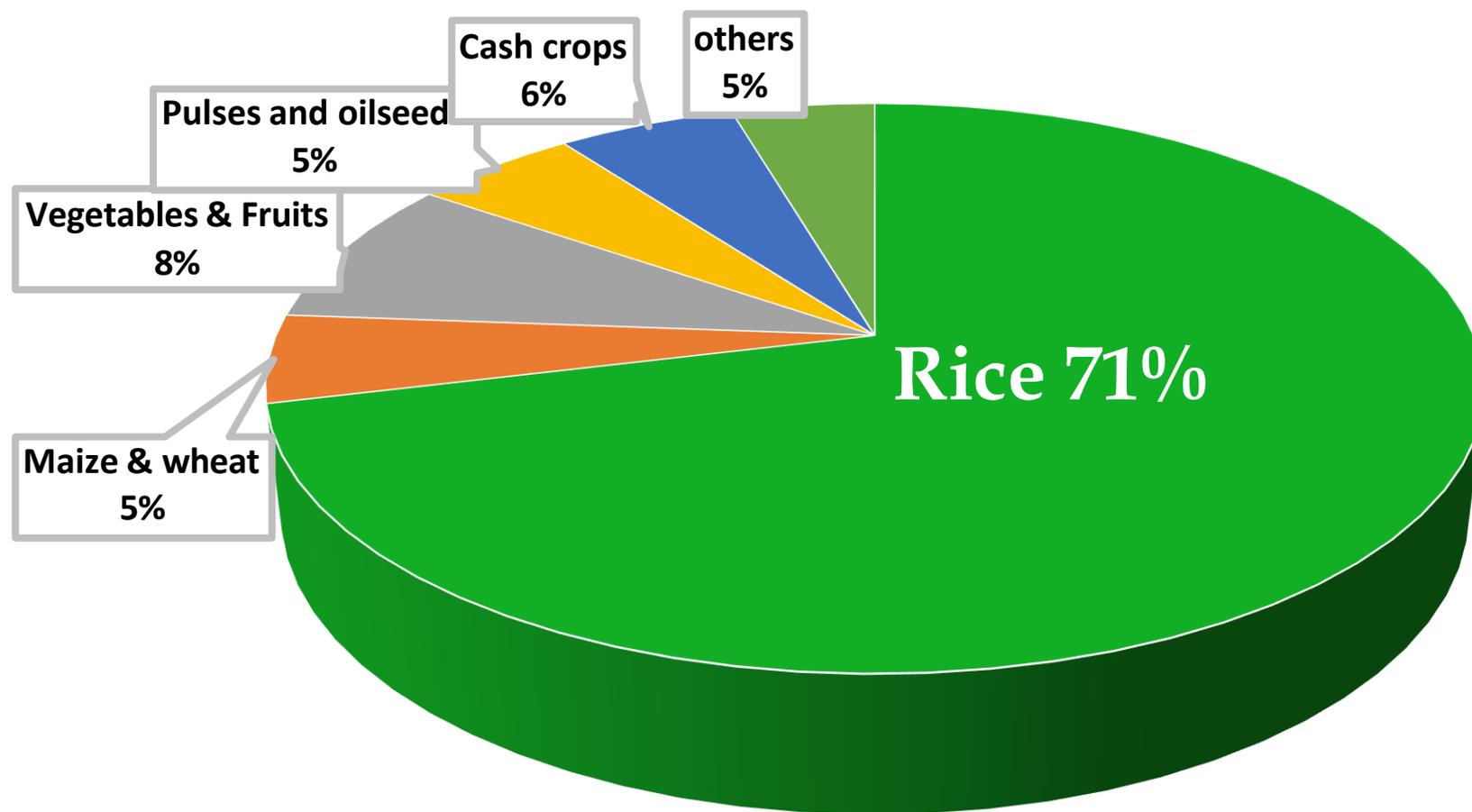
- Food and Nutritional Securities
- Welfare Effects
- Product Profiling
- Gender
- Poverty Dynamics
- Consumption and Dietary Patterns
- Return to Investment in Research
- Precision Agriculture
- Comparative Advantage
- Sustainable Rice Production



Data collection



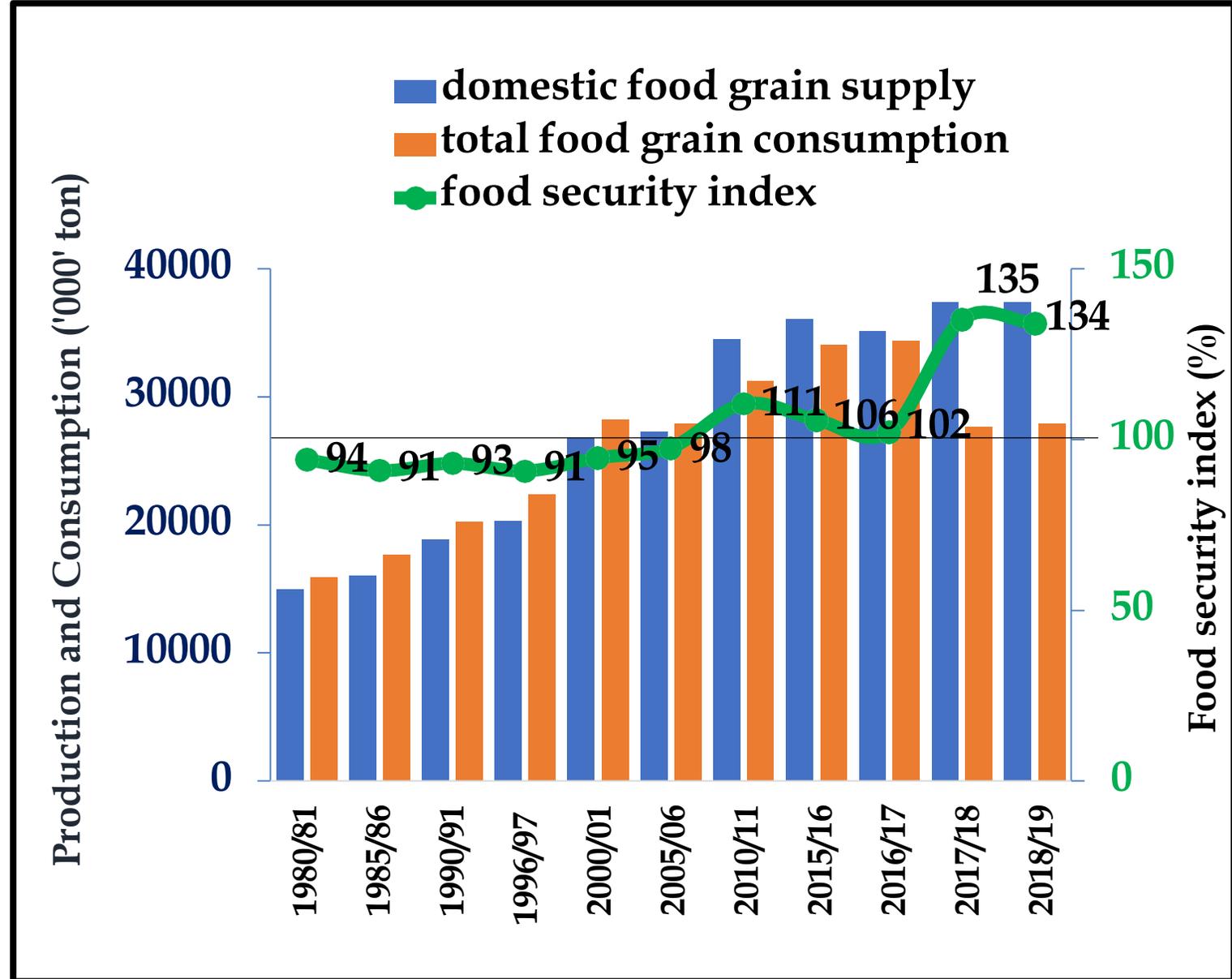
Rice is Synonymous to Food



Land Distribution in Bangladesh (2019-20)

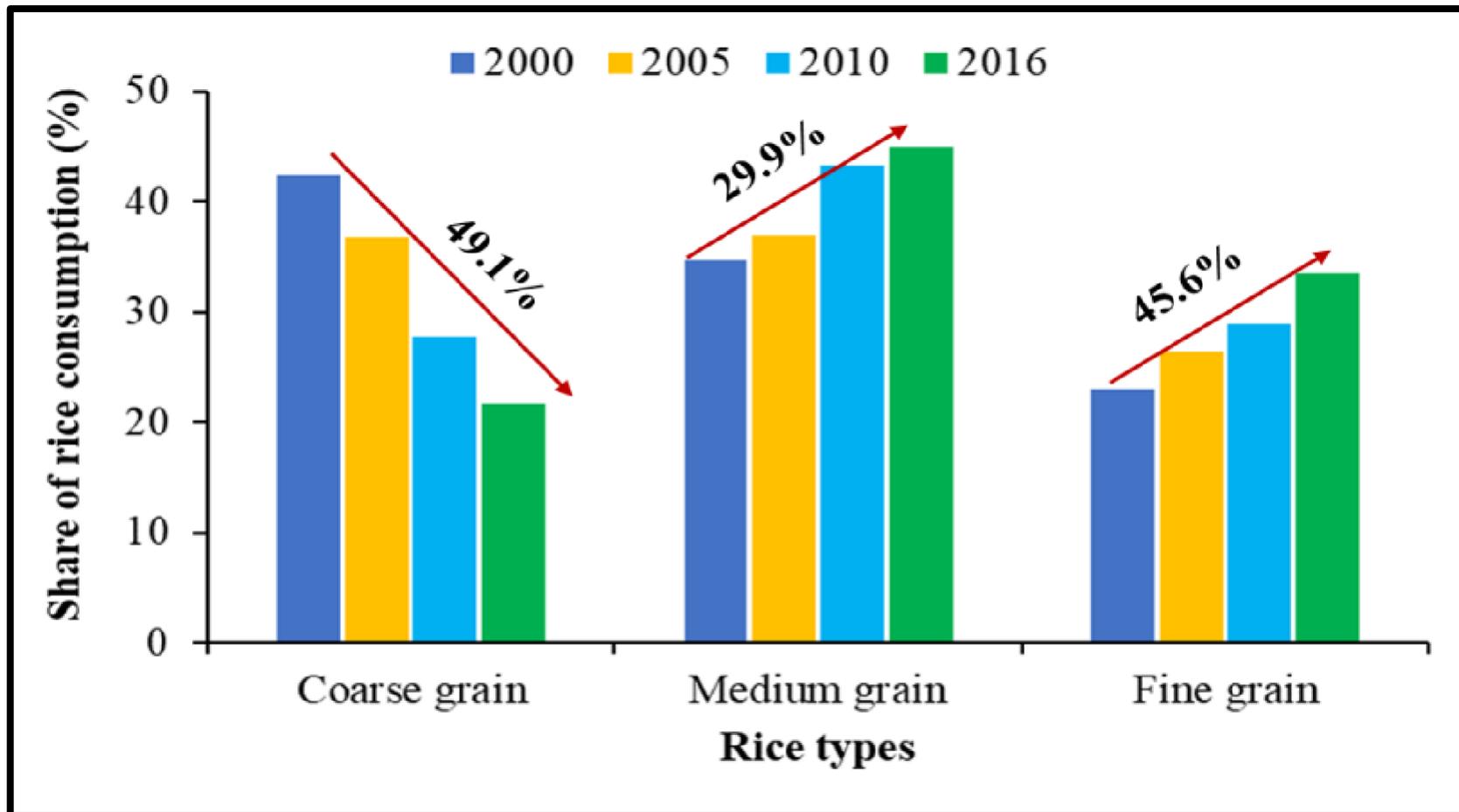
Food Secured Bangladesh

Bangladesh has earned food security beyond the threshold value of 100.



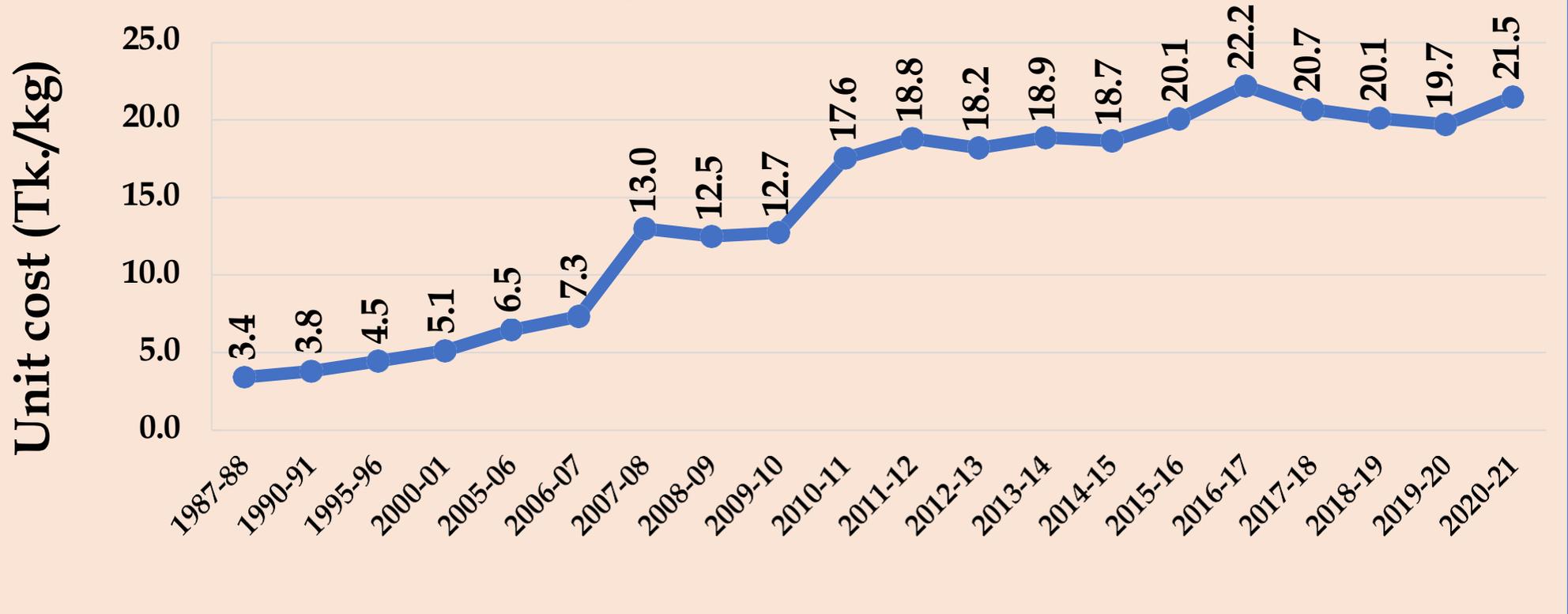
Changing Consumers' Grain Preference in Bangladesh

Preference to Fine and medium grains is increasing since 2000

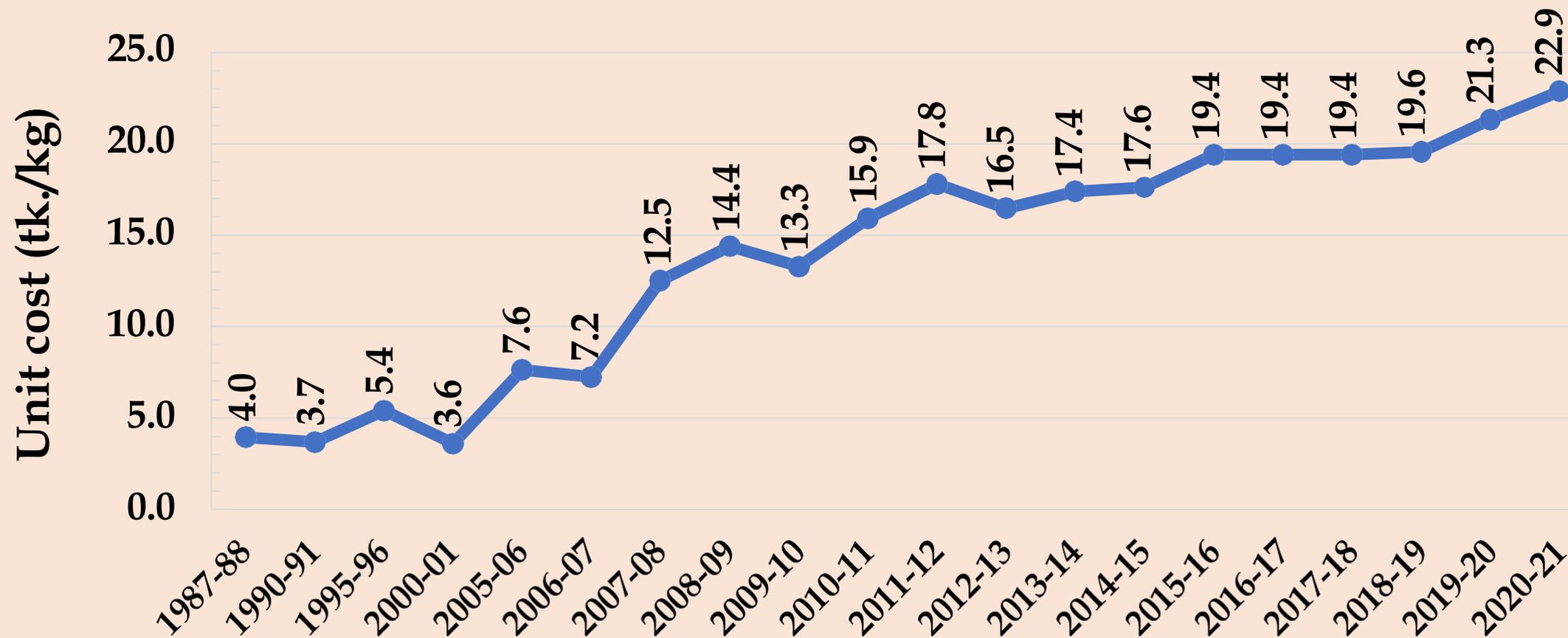


Cost of rice production is climbing day-by-day

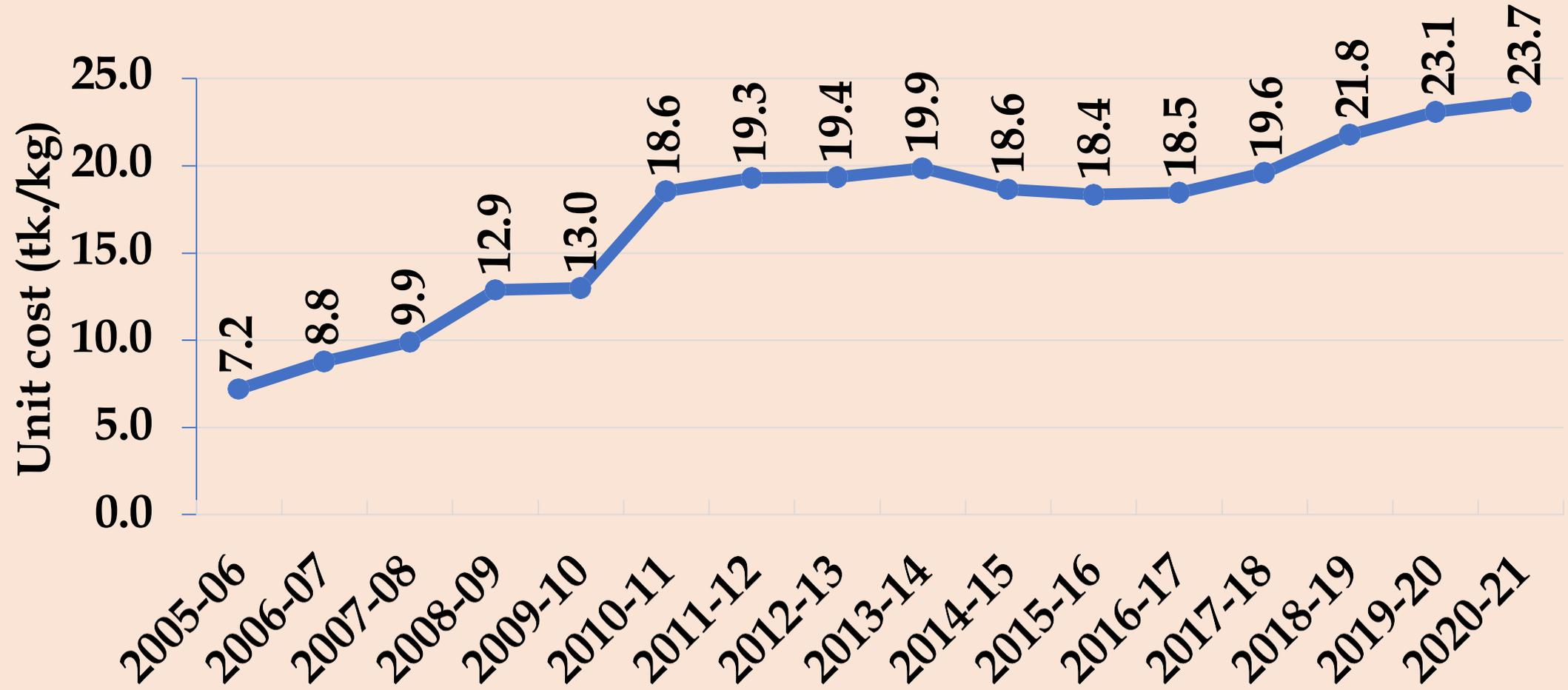
Boro season per unit costs of MV rice production



Aman season per unit costs of MV rice production over the years of Bangladesh



Aus season per unit costs of MV rice production over the years of Bangladesh



Research Transformation

Research
Dimension

Varietal adoption,
profitability,
small-scale
impacts

**Inclusive, Multi-disciplinary,
Diversified, Need-based,
Time-bound, Policy-oriented**

Research Transformation

**Research
Approach**

Marketing, Top-
down varietal
diffusion

**Product profiling,
Value chain, Bottom-up
synchronization**

Research Transformation

**Sample
size**

Case study,
limited
sample

**Representative, Significant
Eco-system/ agricultural zone-wise**

Research Transformation

**Area
coverage**

Village or
block, project
area,
scattered

Country-wide,
Eco-system or region-wise,
Target-oriented and precise

Research Transformation

Methodology
and Analysis

Tabularization
and simple
statistical
analytics

**Advance econometrics,
Efficient, Software based.**

Research Transformation

**Research
aim**

Assisting in
multi-
disciplinary rice
research

**Leading the development of
food system research**