

MONITORING INEQUALITIES AMONG HEALTH SERVICE RECIPIENTS

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MONITORING INEQUALITIES AMONG HEALTH SERVICE RECIPIENTS

Four Parts

- **A SUGGESTED APPROACH: BASIC FEATURES**
- **APPLICATION OF THE APPROACH: CASE STUDIES**
- **VARIATIONS IN THE APPROACH: MORE CASE STUDIES**
- **LIMITATIONS OF THE APPROACH: WHAT IT WON'T MEASURE**

A SUGGESTED APPROACH: BASIC FEATURES

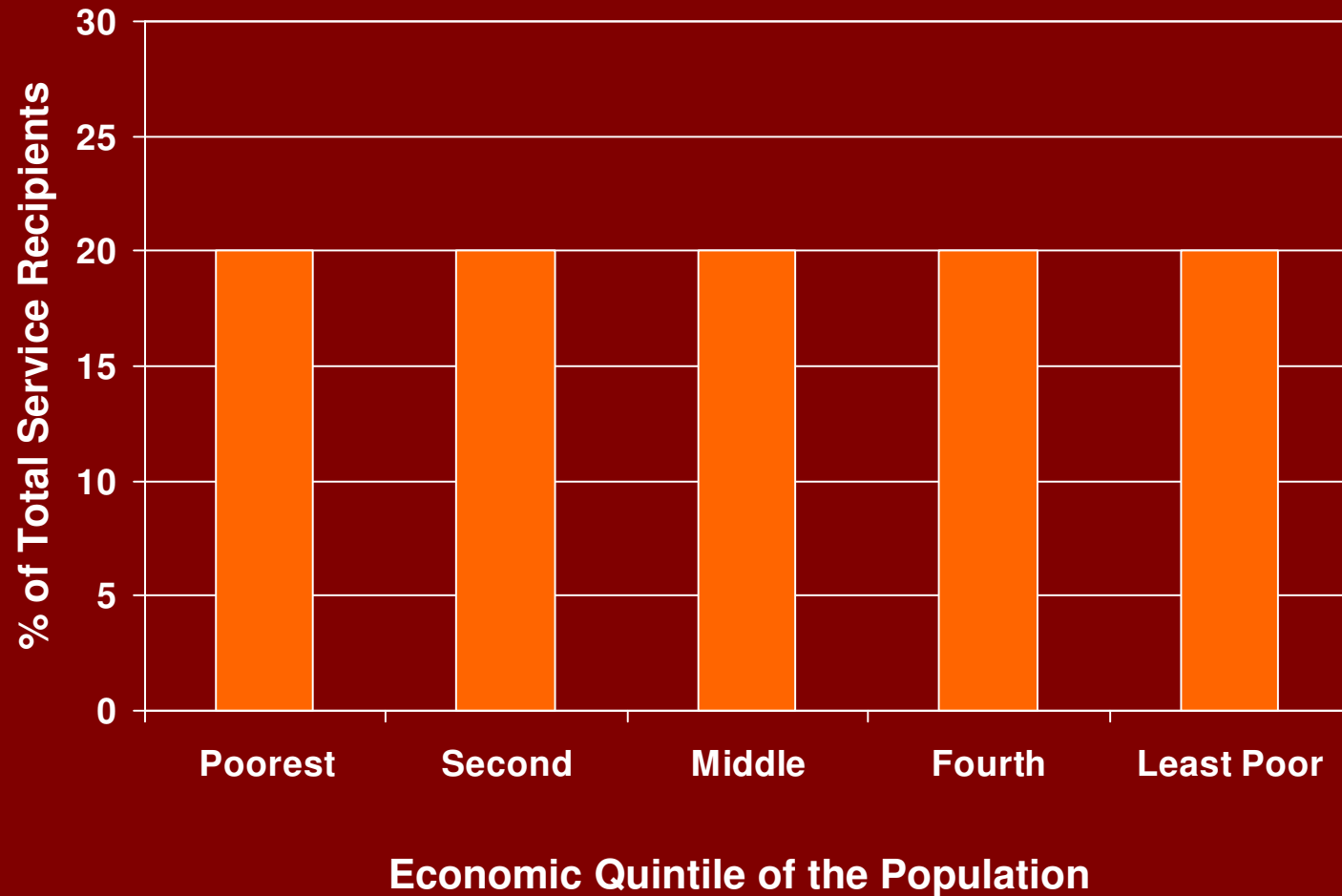
- **DESIRED OUTPUT**
- **DATA REQUIREMENTS**
- **TABULATION PROCEDURES**

Desired Output

- **Frequency Distribution of Service Recipients**
- **By Economic Status or Other Attribute of Interest**

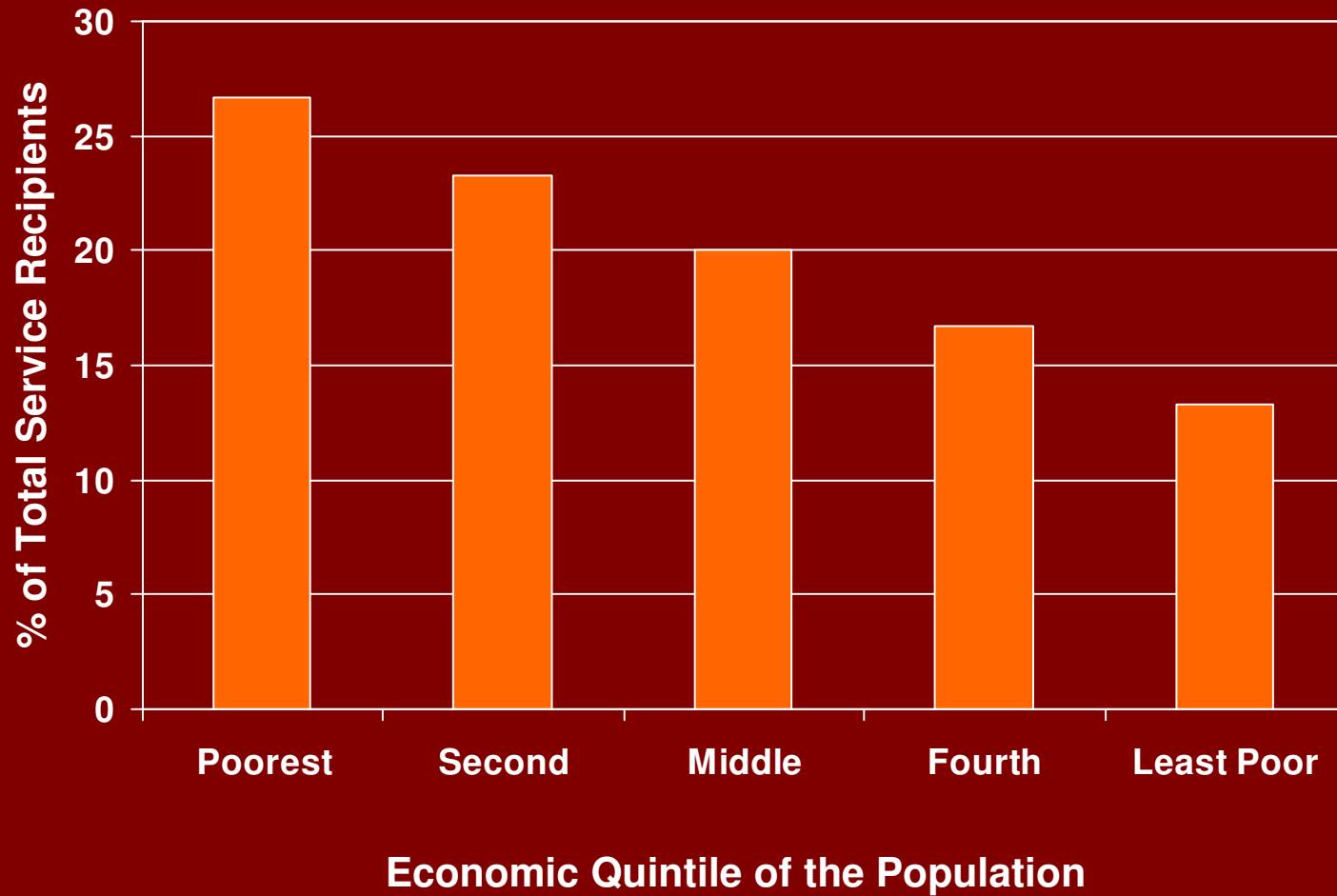
DISTRIBUTIONAL OUTCOMES OF FOUR HYPOTHETICAL HEALTH PROGRAMS

A. Program with *Equally-Distributed Outcomes*



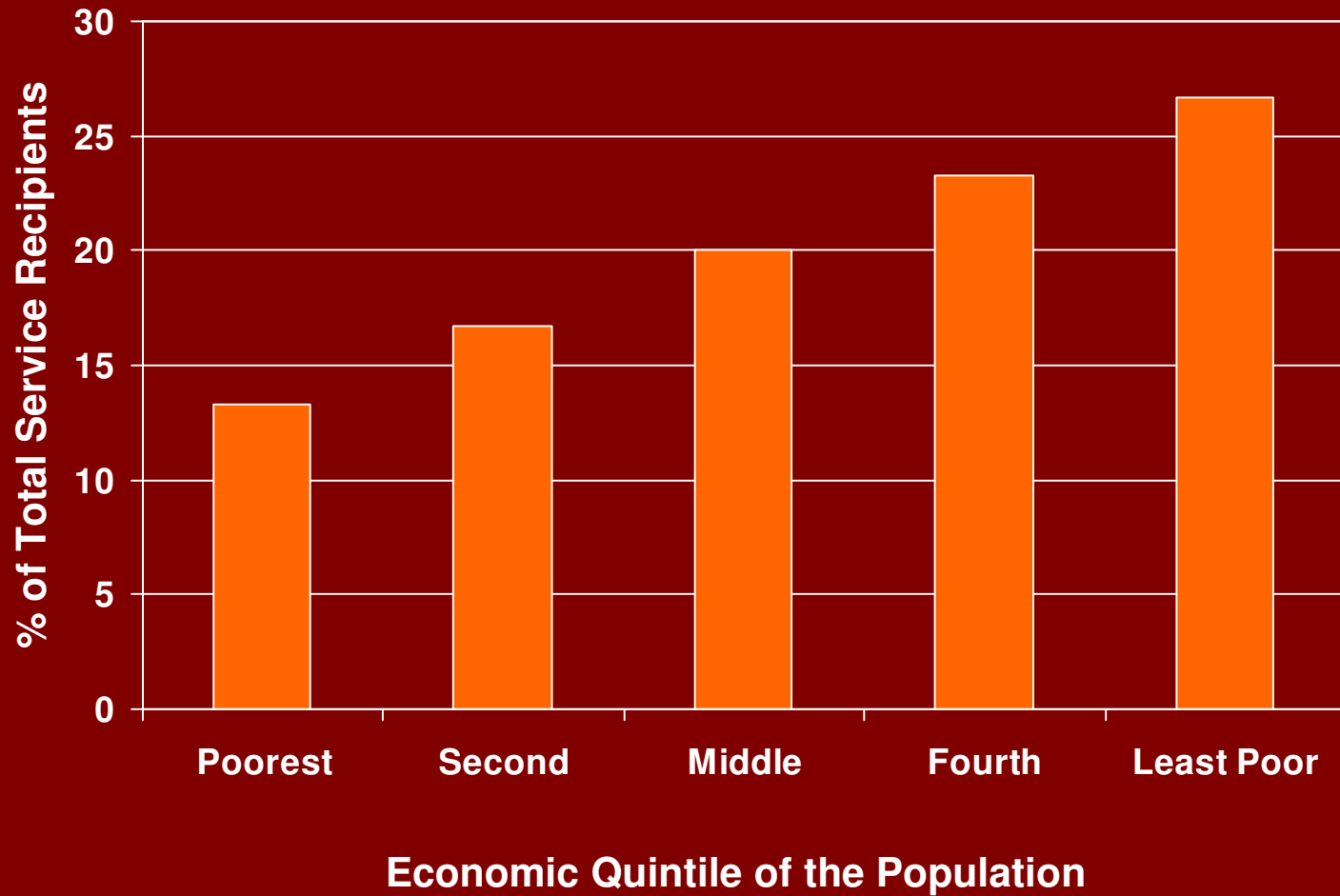
DISTRIBUTIONAL OUTCOMES OF FOUR HYPOTHETICAL HEALTH PROGRAMS

B. Program Favoring the Poorest



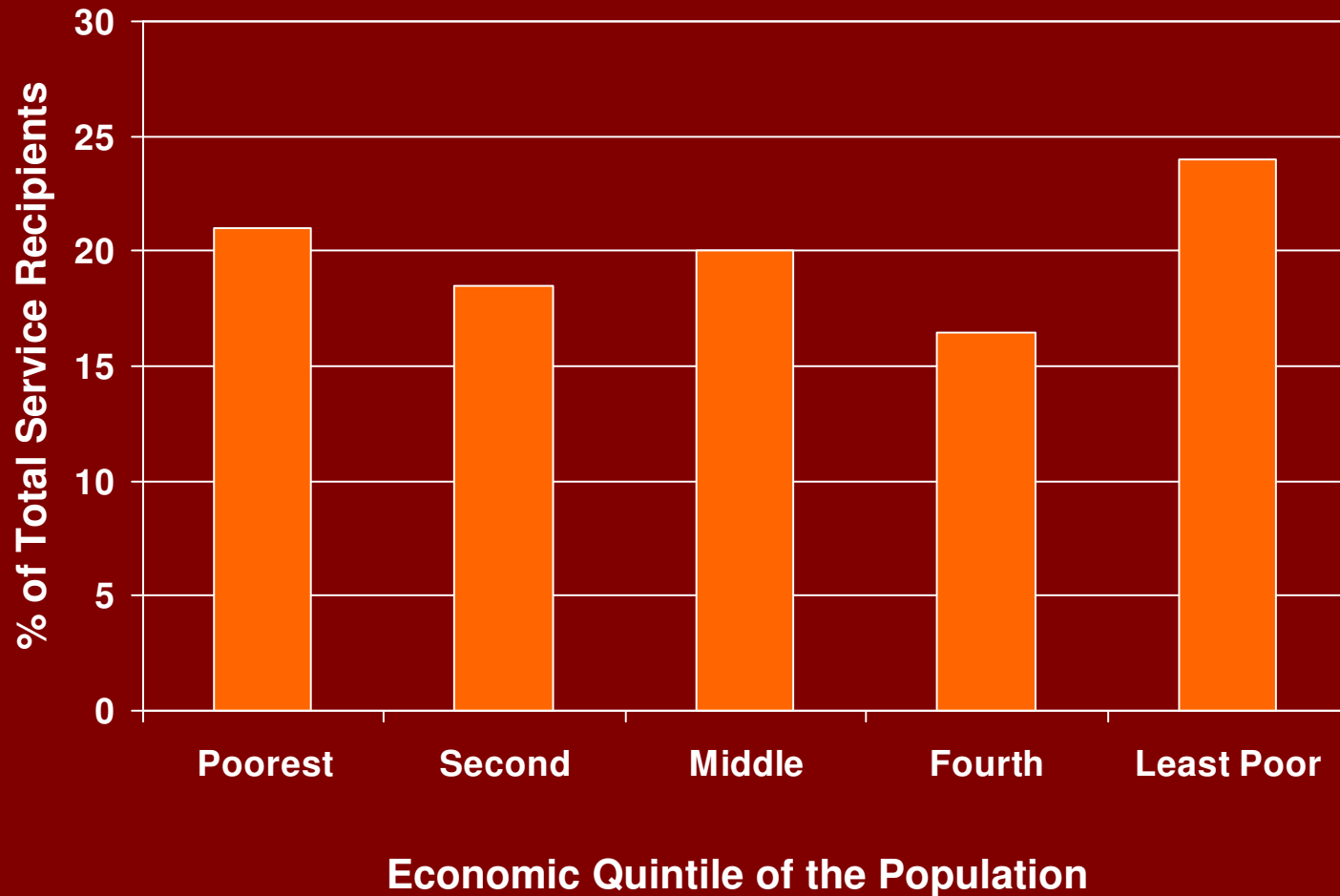
DISTRIBUTIONAL OUTCOMES OF FOUR HYPOTHETICAL HEALTH PROGRAMS

C. Program Favoring the Last Poor



DISTRIBUTIONAL OUTCOMES OF FOUR HYPOTHETICAL HEALTH PROGRAMS

D. Program with *Irregular Distribution of Recipients*



DATA REQUIREMENTS

- **Data about Economic Status (or Other Attribute) of Members in the Population that A Program SEEKS TO SERVE**
 - **Can Be Collected only through a Household Survey or Census**
- **Comparable Data about Economic Status (or Other Attribute) of Members in the Population that a Program DOES SERVE**
 - **Can Be Collected Either through a Household Survey/Census, Facility Exit Interview Study, or Facility Service Records**

TABULATION PROCEDURE

- **Depends on Sources of Data Available**
- **Easiest to Explain with Reference to Specific Examples/Case Studies**

Case Study One

- **Location:** Ghana - Nationwide
- **Subject:** Social Marketing of Condoms
- **Sources of Data:**
 - **About Economic Status of Target Population:**
Pre-Existing National Household Survey with Asset Information (DHS)
 - **About Economic Status of Population Served:**
Survey of Retail Outlet Customers with Questionnaire Containing Same Household Asset Questions

GHANA HOUSEHOLD ASSET QUESTIONNAIRE - SUMMARY

- **Possessions:** Radio, Refrigerator, Bicycle, Car, Domestic Worker, Etc.
- **Land Ownership**
- **Source of Drinking Water:** Inside Piped Water, Community Well, River, Etc.
- **Type of Toilet:** Private Flush Toilet, Pit Latrine, Field, Etc.
- **Type of Flooring:** Earth, Cement, Wood, Carpet, Tile, Etc.
- **No. of People per Sleeping Room**

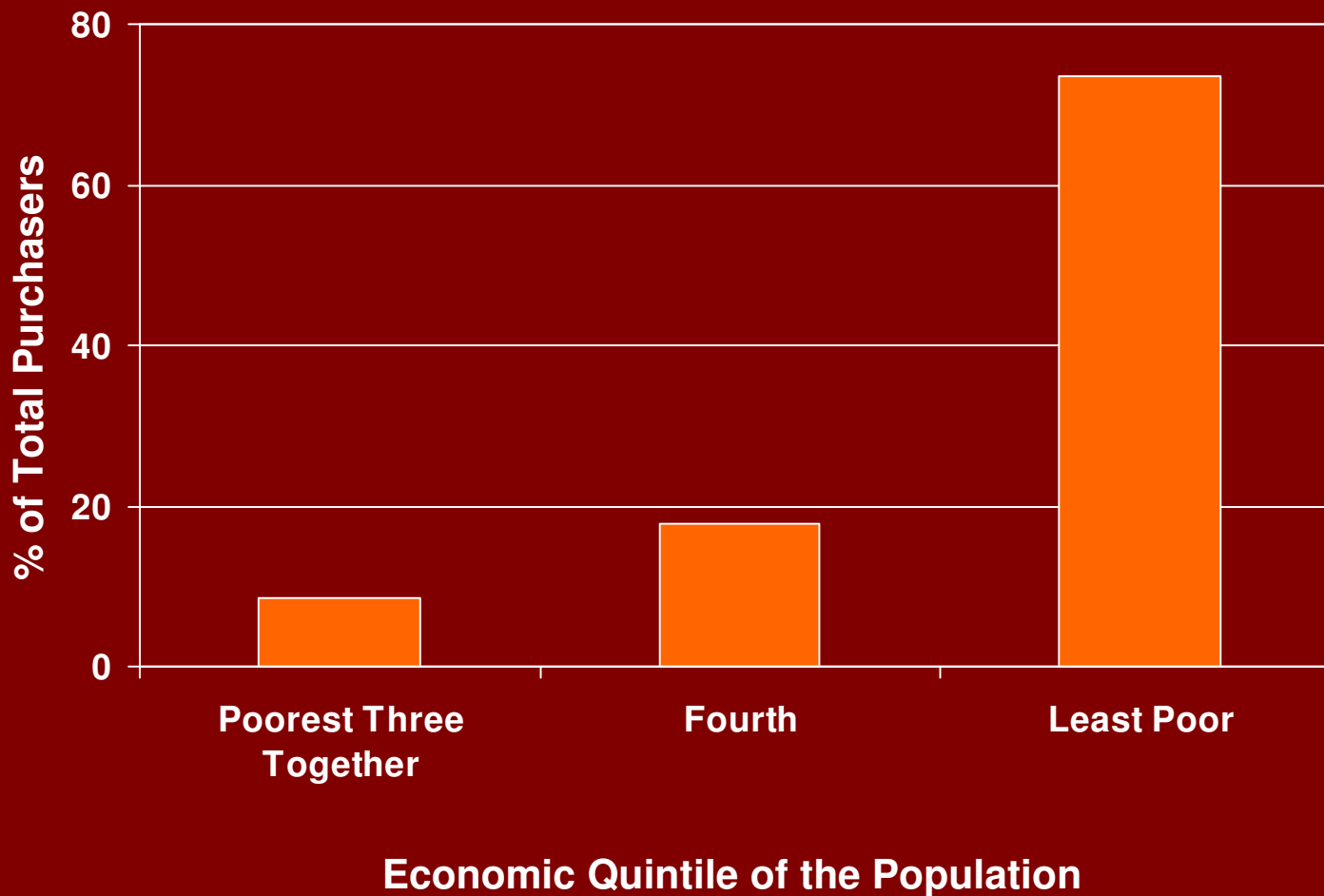
GHANA HOUSEHOLD ASSET QUESTIONNAIRE - ILLUSTRATIVE DETAIL: FLOORING

	Score if "YES"	Score if "NO"
Earth	-.141	+.024
Cement	-.063	+136
Wood	+.263	-.001
Terrazo	+.793	-.004

GHANA HOUSEHOLD ASSET QUINTILE CUT-OFF POINTS

Wealth Quintile	Total Household Index Score	
	Lowest	Highest
Lowest	Inf.	-.711
Second	-.711	-.540
Middle	-.540	-.364
Second	-.364	+.540
Highest	+.540	Inf.

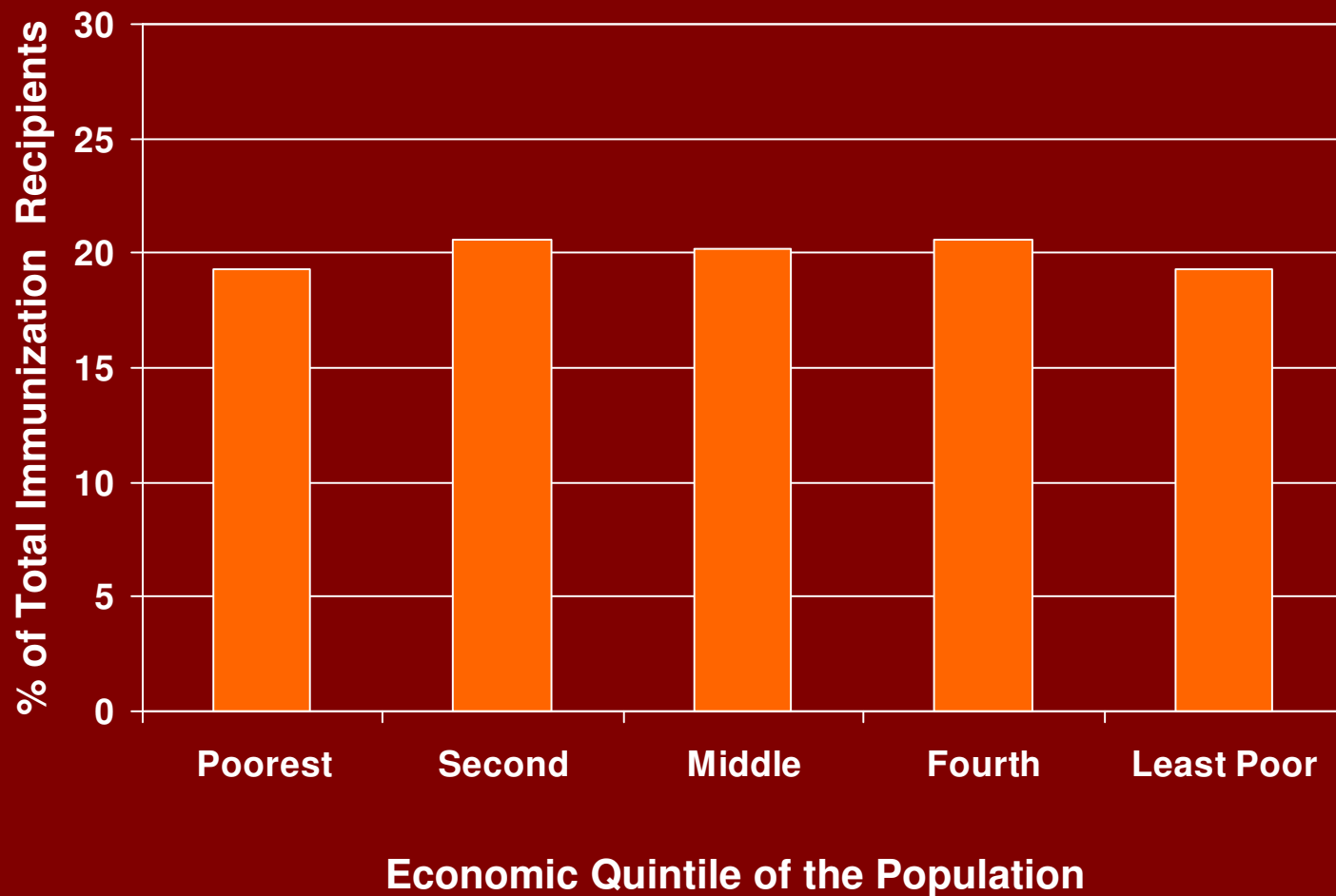
GHANA: DISTRIBUTION OF PURCHASERS OF CONDOMS SOLD THROUGH THE SOCIAL MARKETING PROGRAM



Case Study Two

- **Location:** Kenya - Nationwide
- **Subject:** Immunization Campaign
- **Sources of Data:**
 - **About Economic Status of Target Population:**
Special Nationwide Household Survey with Questionnaire Containing Household Asset Questions - and about Immunizations Received
 - **About Economic Status of Population Served:**
Same Nationwide Household Survey as that Producing Information about Target Population

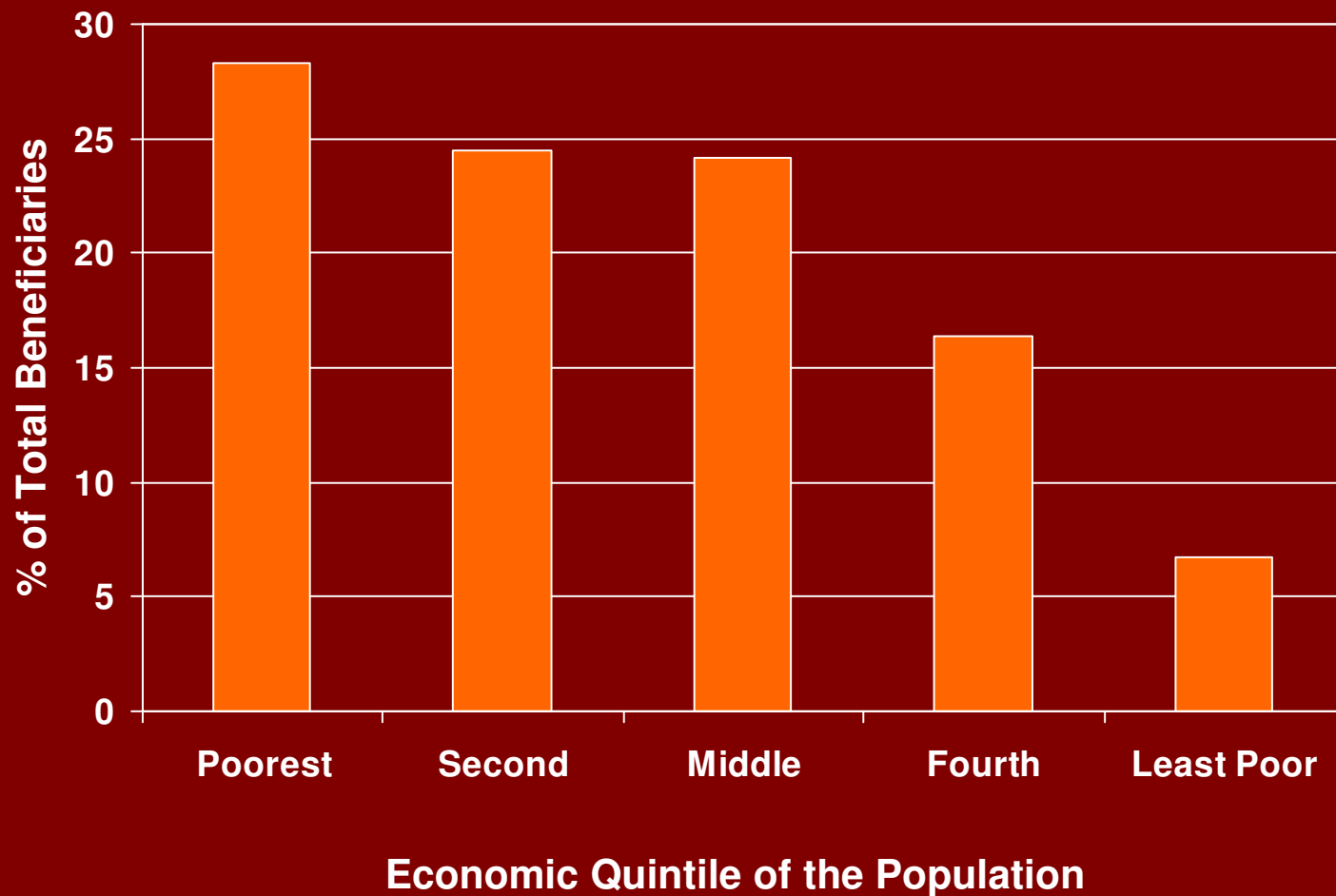
KENYA: DISTRIBUTION OF RECIPIENTS OF MEASLES IMMUNIZATIONS THROUGH THE MASS CAMPAIGN



Case Study Three

- **Location:** Pelotas, Brazil
- **Subject:** Publicly-Supported Hospital Deliveries
- **Sources of Data:**
 - **About Economic Status of Target Population:**
Sample of Brazilian Census with Questionnaire Containing Household Asset Questions
 - **About Economic Status of Population Served:**
Census of Women Delivering in Principal Maternity Centers

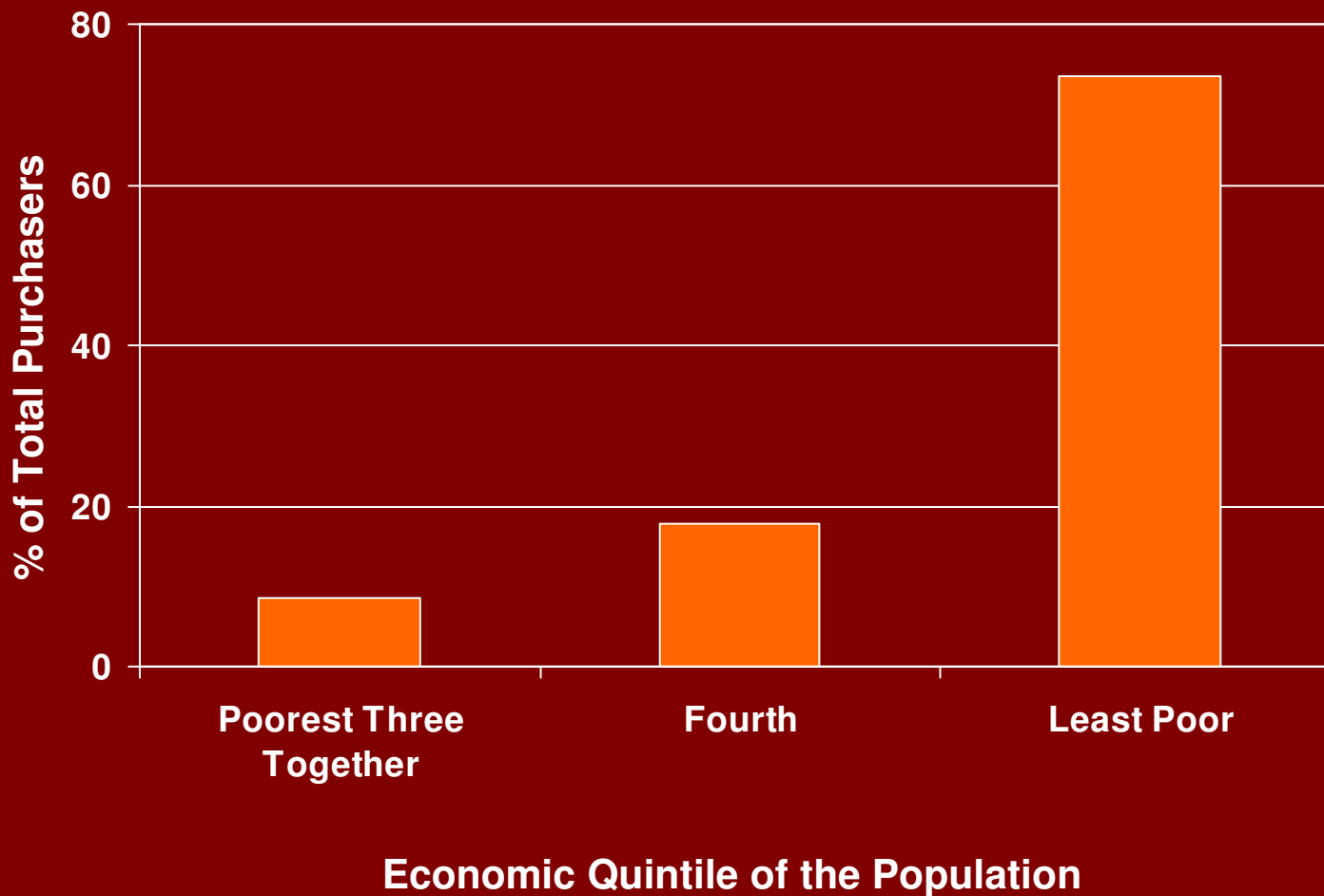
BRAZIL: DISTRIBUTION OF BENEFICIARIES OF GOVERNMENT SUBSIDIES FOR ATTENDED DELIVERIES



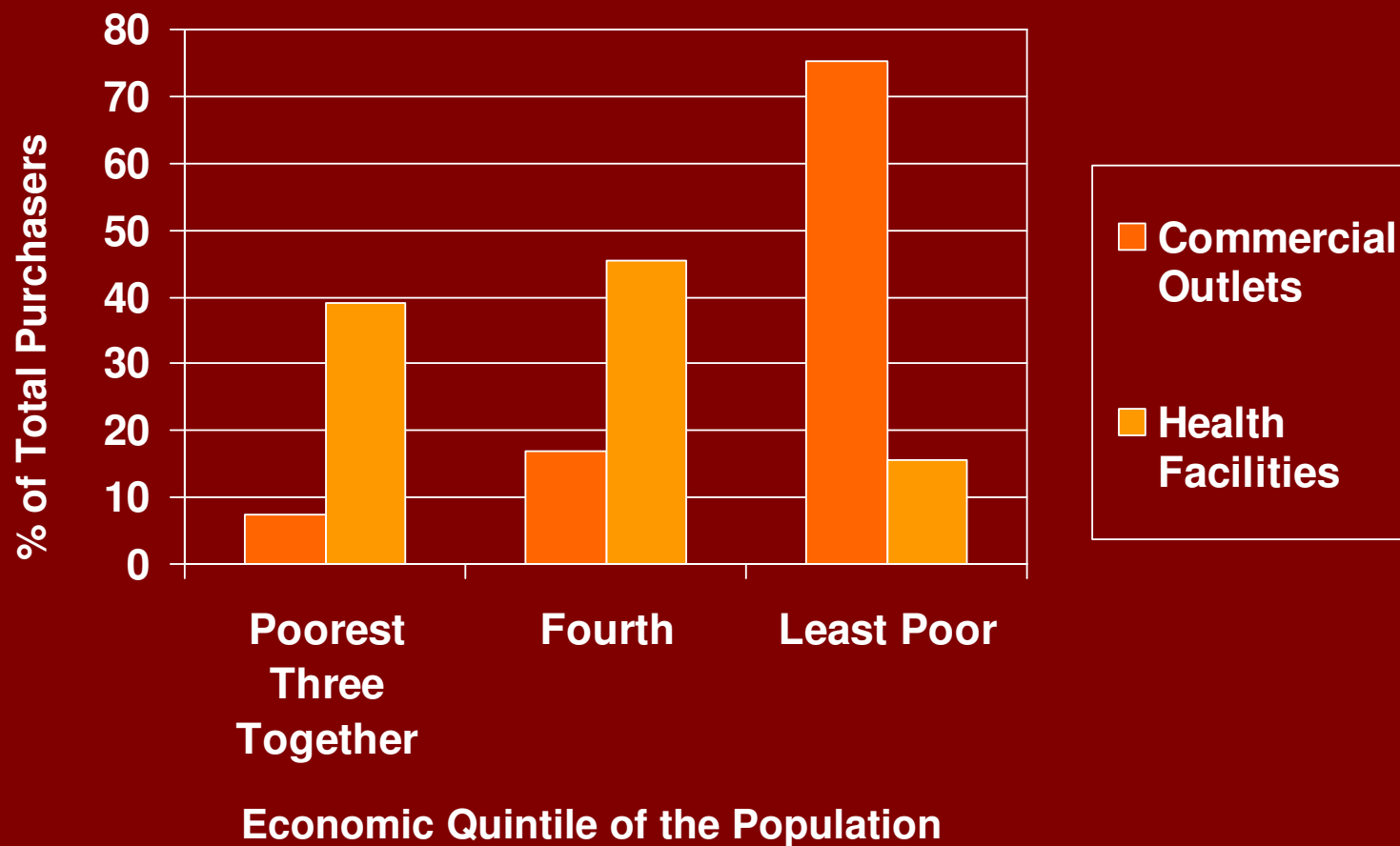
VARIATIONS IN THE APPROACH

- **To Compare Programs - Case Study One Revisited**
- **To Assess Coverage as well as Incidence/Focus - Case Studies Two and Three Revisited**

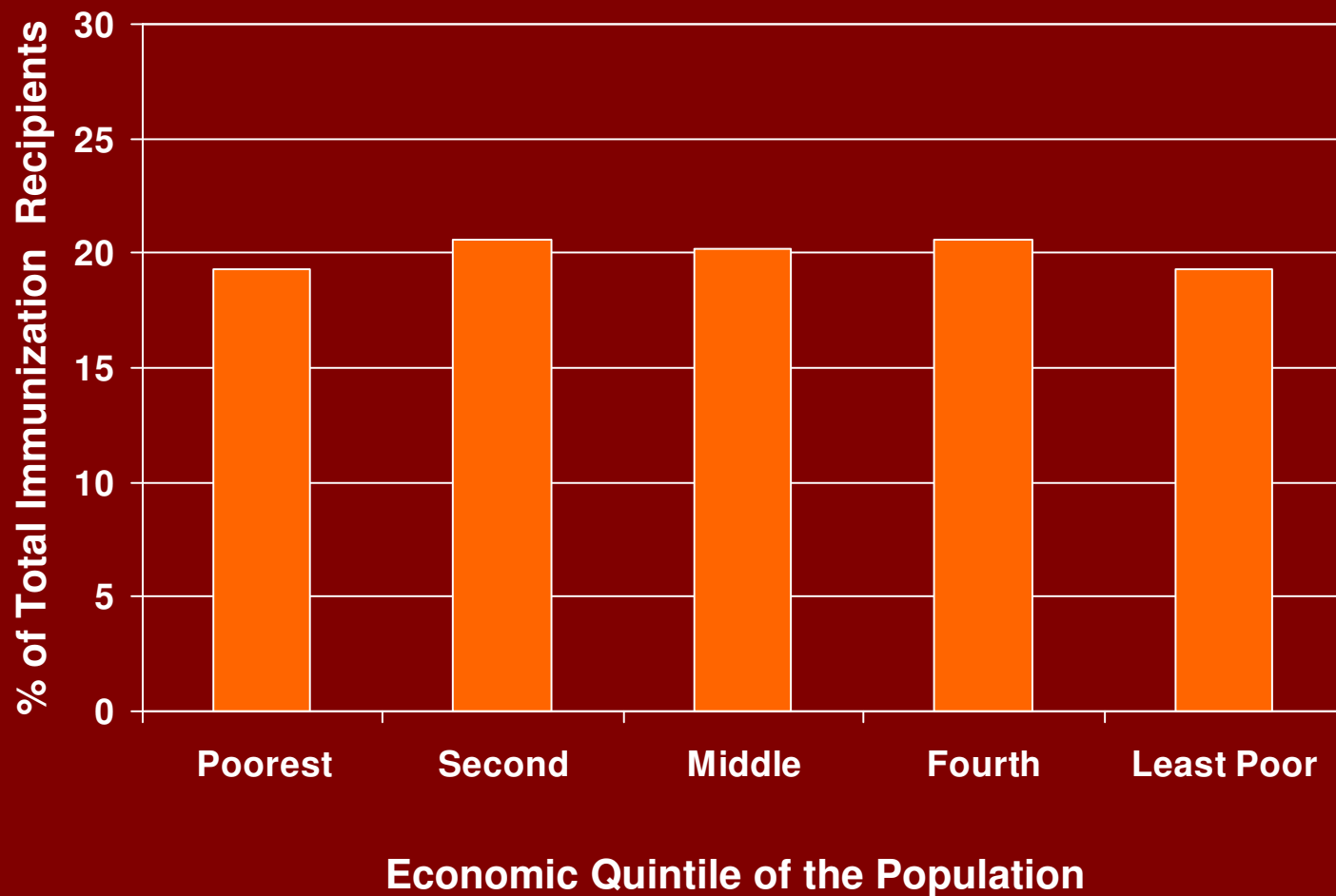
GHANA: DISTRIBUTION OF PURCHASERS OF CONDOMS SOLD THROUGH THE SOCIAL MARKETING PROGRAM



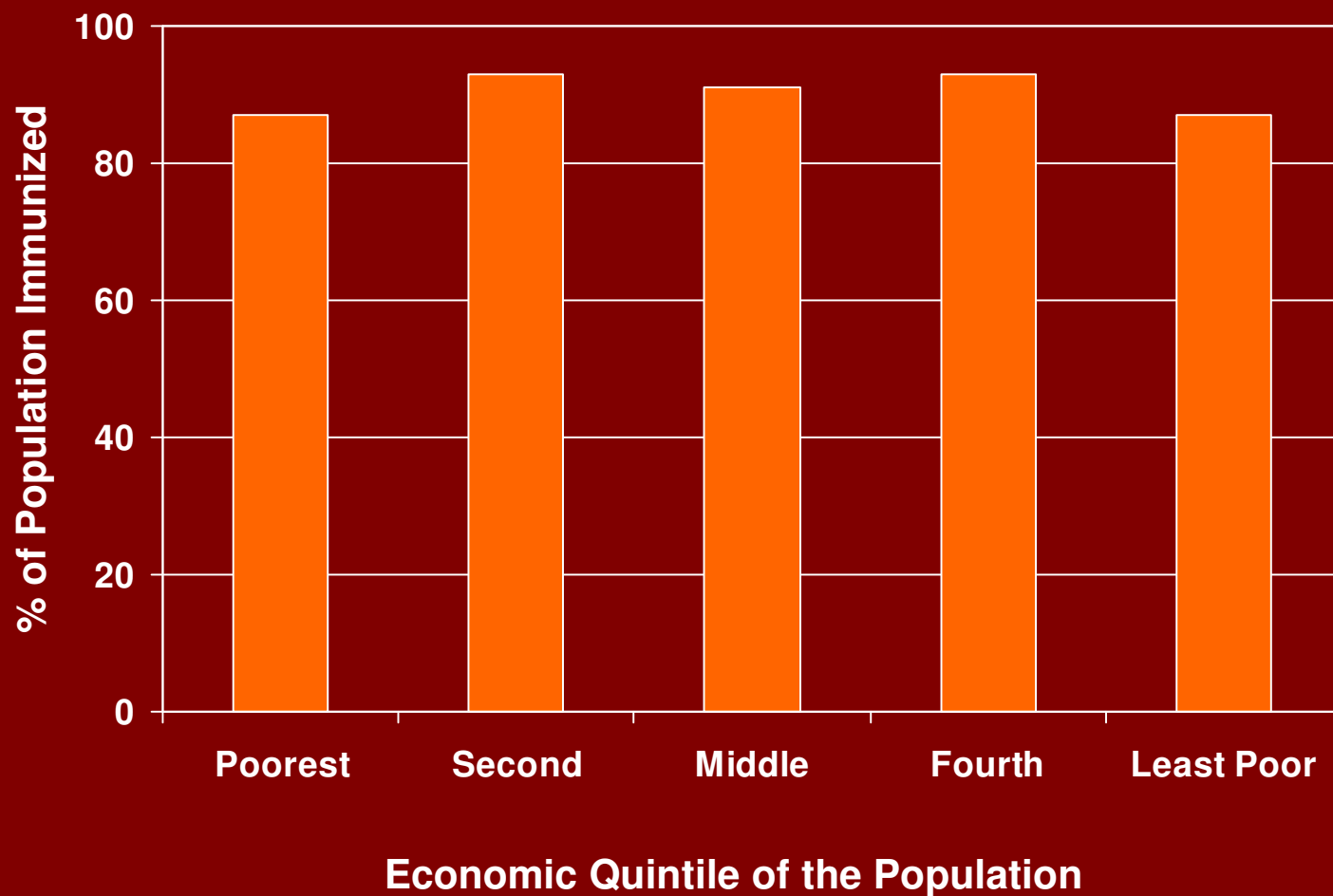
GHANA: DISTRIBUTION OF PURCHASERS OF CONDOMS SOLD THROUGH COMMERCIAL OUTLETS AND HEALTH FACILITIES



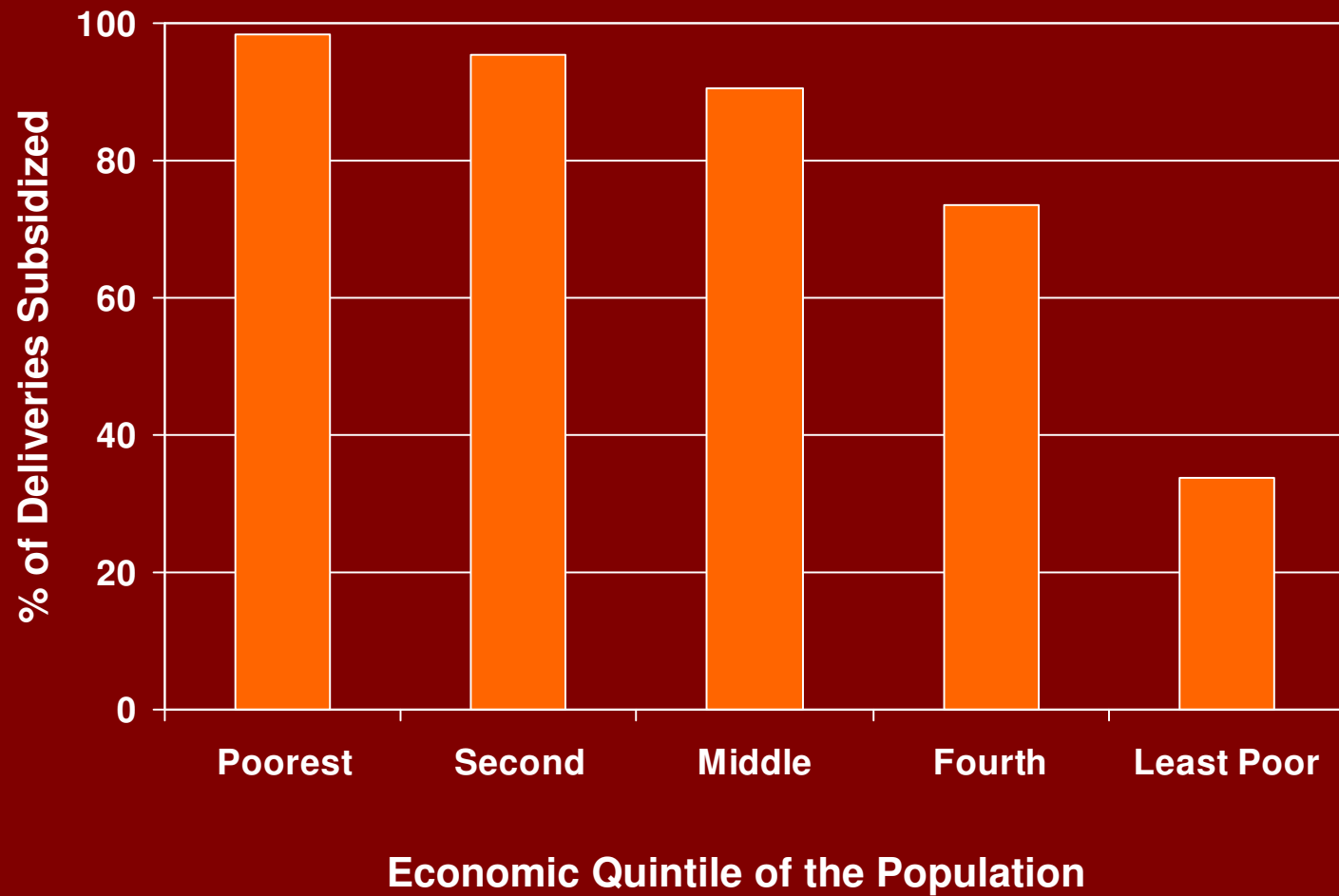
KENYA: DISTRIBUTION OF RECIPIENTS OF MEASLES IMMUNIZATIONS THROUGH THE MASS CAMPAIGN



KENYA: COVERAGE OF MEASLES IMMUNIZATIONS THROUGH THE MASS CAMPAIGN



BRAZIL: COVERAGE OF SUBSIDIZED DELIVERIES



LIMITATIONS OF THE APPROACH

- **Can Measure only Incidence/
Focus and Coverage - Not
Impact on Health Status**
- **Can Measure only Pattern of
Benefit Distribution - Not
Benefit Cost (i.e. Benefit-
Incidence, not Cost-
Effectiveness)**