PN-AAY 150

# FOOD CONSUMPTION PROFILE OF KARNATAKA

(COMPANION TO INTER-STATE VARIATIONS IN FOOD CONSUMPTION, NUTRITIONAL ADEQUACY AND LEVELS OF POVERTY)

SAROJ GUPTA

REPORT SUBMITTED TO THE INDIA MISSION OF THE UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT UNDER A CONTRACT WITH THE TECHNO ECONOMIC RESEARCH INSTITUTE, DELHI.

JUNE 1987

THE VIEWS EXPRESSED HERE ARE THE AUTHOR'S OWN AND DO NOT NECESSARILY REFLECT THOSE OF USAID.

THE AUTHOR IS AN ECONOMIST FROM LADY SHRI RAM COLLEGE OF DELHI UNIVERSITY AND HONORARY DIRECTOR OF AASHISH INSTITUTE OF SCIENTIFIC STUDIES.

## CONTENTS


| | | | Page No. |
|---|---|---|---|
| Chapter 1 : | Introduction | | 1-3 |
| I. | Setting the Context | 1 | |
| II. | Objectives | 1 | |
| III. | Data Base | 1 | |
| IV. | Methodological Issues | | 2-3 |
| Chapter 2 : | Food Consumption Profile: Rural | | 4-5 |
| I. | Comments on Prices | 4 | |
| II. | Rural Areas | 4-5 | |
| Chapter 3 : | Food Consumption Profile: Urban | | 6-7 |
| Annexure 1: | Bibliography | | 8 |
| Annexure 2: | Data Base and Methodology | | 9-24 |
| Annexure 3: | Guide to Tables | | 25-27 |
| | Detailed Tables | | 28-70 |
| Annexure 4: | Figures | | 71-90 |

## LIST OF TABLES (Annexure 3)


| Title | Page No. | |
|---|---|---|
| Listing of Deciles by Commodity: Rural | | 28-39 |
| Foodgrains | 28 | |
| Cereals | 28 | |
| Rice and Products | 29 | |
| Wheat and Products | 29 | |
| Jawar and Products | 30 | |
| Bajra and Products | 30 | |
| Maize and Products | 31 | |
| Ragi and Products | 31 | |
| Barley and Products | 32 | |
| Small Millets and Products | 32 | |
| Grain | 33 | |
| Cereal substitutes | 33 | |
| Pulse and Products | 34 | |
| Milk and Products | 34 | |
| Edible Oil | 35 | |
| Meat, Egg and Fish | 35 | |
| Vegetable, Fruits and Nuts | 36 | |
| Sugar | 36 | |
| Salt and Spices | 37 | |
| Beverages and | 37 | |
| Other Food | 38 | |
| Total Food | 38 | |
| Total Expenditure | 39 | |
| Non Food | 39 | |
| Listing of Deciles by Commodity: Urban | | 40-51 |
| Foodgrains | 40 | |
| Cereals | 40 | |
| Rice and Products | 41 | |
| Wheat and Products | 41 | |
| Jawar and Products | 42 | |
| Bajra and Products | 42 | |
| Maize and Products | 43 | |
| Ragi and Products | 43 | |
| Barley and Products | 44 | |
| Small Millets and Products | 44 | |
| Grain | 45 | |
| Cereal substitutes | 45 | |
| Pulse and Products | 46 | |
| Milk and Products | 46 | |
| Edible Oil | 47 | |
| Meat, Egg and Fish | 47 | |
| Vegetable, Fruits and Nuts | 48 | |
| Sugar | 48 | |
| Salt and Spices | 49 | |
| Beverages | 49 | |
| Other Food | 50 | |
| Total Food | 50 | |
| Total Expenditure | 51 | |
| Non Food | 51 | |

Per Capita Intake by Deciles 52-58
Calories Per Day: Rural 52
Calories Per Day: Urban 52
Protein Per Day: Rural 53
Protein Per Day: Urban 53
% Cereal Calories to Total Calories: Rural 54
% Cereal Calories to Total Calories: Urban 54
% Cereal Protein to Total Protein: Rural 55
% Cereal Protein to Total Protein: Urban 55
% Pulse Protein to Total Protein: Rural 56
% Pulse Protein to Total Protein: Urban 56
% Sugar Calories to Total Calories: Rural 57
% Sugar Calories to Total Calories: Urban 57
% Oil Calories to Total Calories: Rural 58
% Oil Calories to Total Calories: Urban 58

Percentage of People, their Mean Expenditure, Gini's Coefficient and Sen's Index Below Monthly Per Capita Expenditure of 59-61
Rs.30 59
Rs.40 60
Rs.50 61
Gini's Coefficient: Rural 62
Gini's Coefficient: Urban 62

Per Capita Expenditure by Deciles: Rural 63-65
Lower Decile: Average of 1, 2 & 3
Upper Decile: Average of 7, 8 & 9

Foodgrains 63
Cereals 63
Rice and Products 63
Wheat and Products 63
Jawar and Products 63
Bajra and Products 63
Maize and Products 63
Ragi and Products 64
Barley and Produts 64
Small Millets 64
Grain 64
Cereal Substitutes 64
Pulse and Products 65
Milk and Products 65
Total Food 65
Total Expenditure 65

Per Capita Consumer Expenditure by Deciles: Urban 66-68
Lower Deciles: Average of 1, 2 & 3
Upper Deciles: Average of 7, 8 & 9
Foodgrains 66
Cereals 66
Rice and Products 66
Wheat and Products 66
Jawar and Products 66
Bajra and Products 67
Maize and Products 67
Ragi and Products 67
Barley and Produts 67
Small Millets 67
Grain 67
Cereal Substitutes 67
Pulse and Products 68
Milk and Products 68
Total Food 68
Total Expenditure 68

Per Capita Intake by Deciles
Lower and Upper Deciles 69
Calories Per Day: Rural 69
Calories Per Day: Urban 69
Protein Per Day: Rural 69
Protein Per Day: Urban 69

## LIST OF FIGURES

| Fig.No. | Title | Page No. |
|---|---|---|
| 1. | Trends in Consumer Expenditure (Rs.): Rural (Per Capita Deflated Expenditure:1962-83) | 70 |
| 2. | Per Capita Expenditures by Decile Groups:1962-83 Total Expenditure (Rs.): Rural | 71 |
| 3. | Per Capita Expenditures by Decile Groups:1962-83 Total Food (Rs.): Rural | 72 |
| 4. | Per Capita Expenditures by Deciles Groups:1962-83 Total Foodgrains (Rs.): Rural | 73 |
| 5. | Per Capita Expenditures: 1962-83 Ratio of 9th and 2nd Decile: Rural | 74 |
| 6. | Trends in Consumer Expenditures (Rs.): 1962-83 Wheat, Rice and Coarse Grains : Rural | 75 |
| 7. | Per Capita Expenditures: 1962-83 Pulses by Decile Groups: Rural | 76 |
| 8. | Per Capita Energy Intake (KCal): 1962-83 Calorie Intake by Decile Groups: Rural | 77 |

| | | |
|---|---|---|
| 9. | Per Capita Protein Intake (Grains): 1962-83<br>Protein Intake by Decile Groups: Rural | 78 |
| 10. | Trends in Consumer Expenditures: 1962-83<br>Persons Below Poverty Line : Rural | 79 |
| 11. | Trends in Consumer Expenditure (Rs.) : Urban<br>(Per Capita Deflated Expenditure: 1962-83) | 80 |
| 12. | Per Capita Expenditures by Decile Groups: 1962-83<br>Total Expenditure (Rs.): Urban | 81 |
| 13. | Per Capita Expenditures by Decile Groups: 1962-83<br>Total Food (Rs.) : Urban | 82 |
| 14. | Per Capita Expenditures by Decile Groups: 1962-83<br>Total Foodgrains (Rs.) : Urban | 83 |
| 15.. | Per Capita Expenditures: 1962-83<br>Ratio of 9th and 2nd Decile: Urban | 84 |
| 16. | Trends in Consumer Expenditures (Rs.): 1962-83<br>Wheat, Rice and Coarse Grains : Urban | 85 |
| 17. | Per Capita Expenditures: 1962-83<br>Pulses by Decile Groups: Urban | 86 |
| 18. | Per Capita Energy Intake (KCal): 1962-83<br>Calorie Intake by Decile Groups: Urban | 87 |
| 19. | Per Capita Protein Intake (Grains): 1962-83<br>Protein Intake by Decile Groups: Urban | 88 |
| 20. | Trends in Consumer Expenditures: 1962-83<br>Persons Below Poverty Line : Urban | 89 |

# CHAPTER 1

# INTRODUCTION

## I. Setting the Context

A study on 'Poverty and Nutrition' was undertaken in October 1986 by Dr. Robert E. Evenson in collaboration with Dr. S. Gupta for USAID, India. In this report, an attempt was made to bring out the food consumption and poverty scenario in India from 1951 upto 1983 and to link it with food production and other explanatory variables. The study was macro in nature and data were presented for all India rural and all India urban areas. As a follow up to that study it was deemed desirable to do similar analysis of state level data from fifteen states where adequate information was available, and in order to make state specific planning and policy analysis possible and to facilitate inter-state comparisons.

The current study, on 'Inter-State Comparisons of Food consumption, Nutritional Adequacy and Levels of Poverty' covers fifteen states viz. Andhra Pradesh, Bihar, Gujarat, Haryana, Himachal Pradesh, Karnataka , Kerala, Madhya Pradesh, Maharashtra, Orissa, Punjab, Rajasthan, Tamil Nadu, Uttar Pradesh and West Bengal. Inter-state comparisons on the stated aspects are covered in the main report entitled 'Inter-State Variations in Food Consumption, Nutritional Adequacy and Levels of Poverty', wheareas food consumption profiles of each state are presented in separate state reports.

A few relevant recent comparative studies, using NSSO data undertaken in this area, focused on the relationship of rural poverty and agricultural growth. Montek Ahluwalia's (1986) estimates of rural poverty by states did not reflect any effect of level of agricultural production on levels of poverty and, hence, he advocated reliance on off farm poverty eradication programs. Dr. C.H.H. Rao (1985) upholds the importance of agricultural production in poverty eradication programs. The study by Bhattacharya et. al. (1986) and others did not find any visible trend in the incidence of rural poverty, whereas the authors acknowledged varying patterns of inter-temporal movement in disparities in the level of living in different states.

## II. Objectives

The study objectives were: (a) to analyze inter-temporal, inter-class, inter-state and rural-urban changes in real aggregate consumption and consumption of foodgrains, cereals, pulses and other articles of food, the nutritional adequacy of food consumption in terms of calorie and protein intake and balance in the diet; (b) to measure the incidence of poverty in terms of estimated per capita intake derived from real expenditure; and (c) to examine possible foodgrain production and consumption linkages.

## III. Data Base

This study is based on the statewise direct estimates of consumption expenditure on foodgrains and other articles reported by the National Sample Survey Organization (NSSO) from round 17 (1961-62( through round 38 (1983).

The NSSO data background and its limitations are presented in Annexure 2. Statewise estimates were not available for round 19 (1964-65).

## IV. METHODOLOGICAL ISSUES

NSSO consumer expenditure estimates need to be deflated by indices accounting for price changes over time, items, per capita expenditure classes and states for rural and urban areas separately. NSSO rounds 17, 27, 28 & 32 present per capita expenditure estimates of eight major cereals, total cereals, pulses and grams by per capita expenditure classes in values as well as in quantities for all the fifteen states. Based on this information average and class-wise NSSO prices were calculated. The ratio of class-wise prices to average prices averaged over the rounds and items (Rcj) and the ratio of NSSO price indices to wholesale price indices (krj) were calculated for each state for rural and urban areas separately. All India wholesale price indices (Iri) were multiplied by these ratios to develop appropriate deflators (Drijc).

$$Drijc = Iri \times Rcj \times Krj.$$

These deflated expenditures were converted through fractile analysis into consumer expenditure by deciles. Nutrition estimates of calorie and protein content of foods consumed were obtained by dividing the expenditure estimates at constant prices by the base year prices and multiplying by nutritive values established by the National Institute of Nutriton (1976). Annexure 2 presents the details of the methodology.

The prices of cereals and other commodities are known to vary over the states. Table 1.1 highlights these differences for cereals for the year 1972-73 in the rural areas. The variation is as much as 100%, Rs. 0.81 per kg. in Punjab to Rs. 1.69 per kg. in Kerala. The ratio of the state prices of cereals as obtained from NSSO data in 1972-73 to the all-India wholesale prices in 1972-73 was built into the deflators by states to adjust the state prices to all-India level (Annexure 2).

The poor in this study are identified as those persons whose calorie intake is less than 2,150 per day, which is the Indian Council of Medical Research's (ICMR) per capita recommended daily intake for Indians. The monthly per capita expenditure equivalent to meet this calorie intake was assessed at Rs. 40 in 1970-71 (Annexure 2). A uniform poverty line across the states is justified in the light of the above price adjustment.

Comments on prices are presented in Chapter 2 along with analytical findings for the rural areas. Analytical findings for the urban areas are presented in Chapter 3. Annexure 1 is a short bibliography, Annexure 2 provides the data base and the methodology and Annexures 3 & 4 contain the detailed tables and figures.

Table 1.1

State NSSO Prices and All India Wholesale Prices : Rural
(1972-73)

| State | Cereals | Rice | Wheat | Jowar | Bajra | Maize |
|---|---|---|---|---|---|---|
| Andhra Pradesh | 1.20 | 1.36 | 1.33 | 1.06 | 0.86 | 0.97 |
| Bihar | 1.36 | 1.58 | 1.23 | 0.80 | 1.00 | 1.04 |
| Gujarat | 1.30 | 2.08 | 1.20 | 1.30 | 1.22 | 1.01 |
| Haryana | 0.98 | 1.24 | 0.96 | 1.00 | 1.03 | 0.76 |
| Himachal Pradesh | 1.12 | 1.51 | 1.12 | 1.00 | 1.00 | - |
| Karnataka | 1.32 | 1.66 | 1.13 | 1.26 | 1.10 | 1.12 |
| Kerala | 1.69 | 1.75 | 0.95 | 1.00 | - | - |
| Madhya Pradesh | 1.03 | 1.17 | 0.98 | 0.84 | 0.89 | 0.92 |
| Maharashtra | 1.28 | 1.71 | 1.11 | 1.21 | 1.43 | 1.17 |
| Orissa | 1.20 | 1.24 | 1.18 | 1.00 | - | 1.00 |
| Punjab | 0.81 | 1.25 | 0.83 | 0.75 | 0.80 | 0.64 |
| Rajasthan | 1.06 | 1.65 | 1.09 | 0.93 | 1.11 | 0.97 |
| Tamil Nadu | 1.08 | 1.22 | 1.14 | 0.83 | 0.79 | 0.86 |
| Uttar Pradesh | 1.01 | 1.30 | 0.98 | 0.78 | 0.81 | 0.79 |
| W. Bengal | 1.42 | 1.48 | 1.17 | - | - | 1.25 |
| All India Wholesale prices | 1.31 | 1.62 | 1.07 | 1.05 | 1.06 | 0.89 |

# CHAPTER 2

## FOOD CONSUMPTION PROFILE OF KARNATAKA: RURAL

### I Comments on Prices

Implicit prices of NSSO in this state are 4% higher than wholesale prices in urban areas and 9% lower than wholesale prices in rural areas. Relative lower rural prices are the result of a significant proportion of food obtained from self production. Inter-class variations are as much as 37% higher for the rich in the rural areas. These variations are indicative of a mix of cheaper and lower quality products for the poor as well as greater effort on their part to procure goods at lower prices. These variations are about 36% in urban areas (See Annexure 2).

### II. RURAL AREAS

Analysis in this report is based on tables and figures in Annexures 3 and 4.

Average monthly per capita expenditure on all items (MPCE) was around Rs.40 in most of the years from 1961-83. The minimum MPCE was Rs.35 in 1969-70 and the maximum was Rs.66 in 1961-62. MPCE averaged over the three lowest deciles (1, 2 & 3) varied between Rs.21 (1973-74) to Rs.35 (1961-62); the modal value being Rs.22. The minimum of the average MPCE of the upper deciles (average of 7th, 8th and 9th decile) was Rs.40 in 1973-74 and the maximum was Rs. 78 in 1961-62. The percentage decline in MPCE from 1961-83 was 36%. The decline of 42% was greater in case of the upper deciles as compared to the 36% decline of the lower deciles. (Figures 1 & 2).

The per capita monthly expenditure on food was around 73% of the expenditure on all items, and of this 62% was spent on foodgrains. The distribution of the expenditure on foodgrains by deciles was narrower than that of expenditure on food and on all items, i.e. there is much less variation between the lower and the upper deciles with respect to expenditure on foodgrains as compared to total expenditure. (Figures 1, 3, 4 & 5).
the expenditure on pulses and milk constituted a very small proportion of total expenditure. Expenditure on pulses and milk declined steadily through the study period. (Figure 1).

The Composition of cereals consumed remained almost the same. Consumption of rice wheat and coarse grains declined. (Figure 6). Consumption of coarse grains was more than 50% of the cereals consumed.

The daily per capita consumption of cereals in the state was 696 gms in 1961-62 which declined to 458 gms. in 1970-71, then increased to 498 gms. in 1983. The decline from 1961-83 was 38%. The consumption of cereals by the lower deciles (average of the three lowest deciles) declined from 507 gms. in 1961-62 to 287 gms. in 1983 and that of the upper deciles declined from 872 gms. in 1961-62 to 457 gms. in 1983. The Percentage decline was greater in the upper deciles.

The daily per capita consumption of pulses declined steadily from 68 gms. in 1961-62 to 32 gms. in 1983, a decline of 53%. The pulse consumption of the lower deciles declined from 43 gms. in 1961-62 to 18 gms. in 1983. The consumption of pulses by the upper deciles fell from a level of 84 gms. in 1961-62 to 35 gms. in 1983.

The daily consumption of milk per person was 109 mls. in 1961-62, declined to 58 mls. in 1966-67 and increased to 76 mls. in 1983. There was an overall decline of 30% during 1961-62 to 1983. The lower deciles consumed very little milk of about 52 mls. in 1961-62 and 36 mls. in 1983. Compared to this the upper deciles consumed much larger quantitites of milk, almost 2.5 times that of the lower deciles.1961-83.

The estimated daily average energy consumption was 2,750 Kcal in 1961-62 which was reduced to 1,750 Kcal in 1983. The daily calorie intake of the lowest decile was rather poor keeping at 1,000 Kcal. The average calorie consumption of the three lowest deciles decline from 1,907 Kcal in 1961-62 to 1,093 Kcal in 1983, the decline being 43%. The change in the daily energy consumption of the average of the three upper deciles was from 3,450 Kcal in 1961-62 to 1,847 Kcal in 1983. The decline was 46%. (Fig. 8). Almost everybody derived more than 75% of calorie intake from cereals (ICMR norm).

The average daily per capita protein consumption was sufficiently high at 84 gms. in 1961-62 which gradually declined to 52 gms. in 1983. The decline being of the order of 38%. Decline in protein intake was greater than the decline in energy intake. The average per capita protein intake of the three lowest deciles kept falling throughout the study period, from 59 gms. in 1961-62, 33 gms. in 1983, a fall of 44%. The upper deciles average protein intake also declined by 47% from 105 gms. to 56 gms. during 1961-83. (Fig. 9) The percentage of the population below the ICMR recommended daily per capita calorie intake of 2,150 increased from 20% in 1961-62 to 80% in 1970-71 and stayed there.

The percentage of the population below the ICMR recommended consumption level of 45.2 gms. of protein increased from nil in 1961-62 to 40% in 1983.

The percentage of persons falling short of the proper ratio (1:4, ICMR norm) pulse protein to cereal protein and thereby having diet lacking in quality protein increased from 70% in 1961-62 to 100% in 1983.

The percentage of population not consuming adequate milk (100 mls. a day, ICMR norm) increased from 40% in 1961-62 to 90% in 1983.

The percentage of persons having inadequate intake of oil (31 gms. a day, ICMR norm) was maintained at 100%.

The percentage of persons falling below the poverty line consumption expenditure of Rs.40 at 1970-71 prices, increased from 21% to 67% during 1961-62 to 1968-69, increased further to 76% in 1973-74 and was at 76% in 1983. (Figure 10)

The level of poverty in terms of consumption expenditure of Rs.40 was nearly 90% of that in terms of energy consumption in 1983 (using ICMR recommended intake of 2,150 Kcal).

## CHAPTER 3

## FOOD CONSUMPTION PROFILE OF KARNATAKA: URBAN

Average monthly per capita expenditure on all items (MPCE) was around Rs.46 in most of the years from 1961-83. The minimum MPCE was Rs.40 in 1967-68 and the maximum was Rs.57 in 1961-62. MPCE averaged over the three lowest deciles (1, 2 & 3) varied between Rs.21 (1967-68) to Rs.30 (1961-62); the modal value being Rs.25. The minimum of the average MPCE of the upper deciles (average of 7th, 8th and 9th decile) was Rs.45 in 1973-74 and the maximum was Rs. 77 in 1961-62. The percentage decline in MPCE from 1961-83 was 9%. The decline of 22% was greater in the case of the upper deciles as compared to the 19% decline of the lower deciles. (Figures 11 & 12).

The per capita monthly expenditure on food was around 67% of the expenditure on all items, and of this 47% was spent on foodgrains. The distribution of the expenditure on foodgrains by deciles was narrower than that of expenditure on food and on all items, i.e. there is much less variation between the lower and the upper deciles with respect to expenditure on foodgrains as compared to total expenditure. (Figures 11, 13, 14 & 15).

The expenditure on pulses and milk constituted a very small proportion of total expenditure. Expenditure on pulses and milk declined steadily through the study period . (Fig. 11)

The Composition of cereals consumed changed in this period. Consumption of rice and coarse grains slightly declined and that of wheat marginally increased. (Figure 16). Coarse grains constituted about 30% of the total cereals.

The daily per capita consumption of cereals in the state was 463 gms. in 1961-62 which declined to 355 gms. in 1966-67, then increased to 417 gms.in 1977-78 and was at 363 gms. in 1983. The decline during 1961-83 was 22%. The consumption of cereals by the lower deciles (average of the three lowest deciles) declined from 361 gms. in 1961-62 to 273 gms. in 1983 and that of the upper deciles declined from 624 gms. in 1961-62 to 365 gms. in 1983. Percentage decline was greater in respect of the upper deciles.

The daily per capita consumption of pulses declined steadily from 55 gms. in 1961-62 to 35 gms. in 1983, a decline of 36%. The pulse consumption of the lower deciles declined from 36 gms. in 1961-62 to 22 gms. in 1983. The consumption of pulses by the upper deciles fell from a level of 83 gms. in 1961-62 to 38 gms. in 1983.

The daily consumption of milk per person was 118 mls. in 1961-62, declined to 94 mls. in 1966-67 and increased to 128 mls. in 1983. There was an overall increase of 8% during 1961-62 to 1983. The lower deciles consumed very little milk - about 56 mls. in 1961-62 and 47 mls. in 1983. Compared to this the upper deciles consumed much larger quantitites of milk, over three times that of lower deciles.

The estimated daily average energy consumption was 1,950 Kcal in 1961-62 which was reduced to 1,700 Kcal in 1983. The daily calorie intake of the lowest decile was rather poor keeping at 900 Kcal with little change during the study period. The average calorie consumption of the three lowest deciles declined from 1,441 Kcal in 1961-62 to 1,116 Kcal in 1983, a decline of 22%. The change in the daily energy consumption of the average of the three upper deciles was from 2,782 Kcal in 1961-62 to 1,738 Kcal in 1983. The decline was 38%. (Figure 18). About 80% of the population derived more than 75% of calorie intake from cereals.

The average daily per capita protein consumption was sufficiently high at 59 gms. in 1961-62 which gradually declined to 49 gms. in 1983. The decline being of the order of 17%. Decline in protein intake was greater than the decline in energy intake. The average per capita protein intake of the three lowest deciles kept falling throughout the study period, from 44 gms. in 1961-62, 33 gms. in 1983, a fall of 25%. The upper deciles average protein intake also declined by 37% from 83 gms. to 52 gms. during 1961-83 (Fig. 19).

The percentage of population below the ICMR recommended daily per capita calorie intake of 2,150 increased from 20% in 1961-62 to 100% in 1970-71 and declined during 1970-71 to 1977-78 to 90%.

The percentage of population below the ICMR recommended consumption level of 45.2 gms. of protein increased from 10% in 1961-62 to 50% in 1983.

The percentage of population falling short of the proper ratio (1:4, ICMR norm) pulse protein to cereal protein and thereby having diet lacking in quality protein increased from nil in 1961-62 to 30% in 1983.

The percentage of population not consuming adequate milk (100 mls a day, ICMR norm) was 50% in 1961-62 and stayed there in 1983.

Percentage of persons having inadequate intake of oil (31 gms a day, ICMR norm) was 100% in 1961-62 and remained there in 1983.

Percentage of persons falling below the poverty line consumption expenditure of Rs.40 at 1970-71 prices, increased from 33% to 63% during 1961-62 to 1967-68, and declined to 52% in 1983 (Figure 20).

The level of poverty in terms of consumption expenditure of Rs.40 was nearly 60% of that in terms of energy consumption in 1983 (using ICMR recommended intake of 2,150 Kcal).

ANNEXURE 1

## BIBLIOGRAPHY

This brief bibliography is in addition to the one annexed in Dr. Evenson's report on Food Consumption, Nutrient Intake and Agricultural Production in India, and primarily covers the referred articles and books.


1. Alhulwalia, M.S. (1986) : 'Rural Poverty, Agricultural Production and Prices; A Reexamination' in Agricultural Change and Rural Poverty, edited by Mellar, J.W. and Desai, G.M., Oxford University Press, Delhi.

2. Bhattacharya, N, Coondo, D., Maiti, P. and Mukherjee, R. (1986) : 'Relative Price of Food and the Rural Poor - The Case of India' by Indian Statistical Institute for International Labor Organization, Geneva.

3. Chaudhry, U.D. (1966) : 'Study of Trends in Consumer Expenditures, 1953-54 to 1960-61'. The Indian Economic Review. October 1966.

4. FAO, WHO (1973) : Energy and Protein Requirements. FAO Nutrition Meetings Report Series No. 52. Food and Agriculture Organization of the United Nations, Rome.

5. Gopalan, C., Rama Shastri B.V., Balasubramaniam, S.C. (1976) : 'Nutritive Value of Indian Foods', National Institute of Nutrition. Indian Council of Medical Research, Hyderabad.

6. Indian Council of Medical Research (1981) : 'Recommended Dietary Intakes for Indians' New Delhi.

7. Mellor, J.W. (1966) : 'The Economics of Agricultural Development' Cornell University Press, Ithaca, New York.

8. Rao, C.H.H. (1985) : 'Changes in Rural Poverty in India: Implications for Agrocultural Growth', Dr. Rajendra Prasad Memorial Lecture.

9. Planning Commission (1984) : Perspective Planning Division, 'Report of the Study Group on the Concepts and Estimation of Poverty Line'.

ANNEXURE 2

## DATA BASE AND METHODOLOGY

### I. Data Base

This study is based on the direct estimates of consumption expenditure of foodgrains and other articles made available by the National Sample Survey Organization (NSSO) since 1961. NSSO collects information on socio-economic variables on the basis of rounds, each round extending from a few months to over a year, using stratified multi-stage sampling design. Information on consumer expenditure was collected in all the rounds till the 28th round (1973-74), thereafter it was decided to collect this information every five years. The NSSO seeks to estimate all expenditures incurred by the household sector exclusively towards non-productive purposes. It includes consumption out of home grown produce, gifts, loans etc. Consumption here refers to non-productive expenditure incurred by the household during the reference of thirty days preceding the date of interview of the household. Data on monthly per capita consumer expenditure are presented by items of consumption, per capita expenditure classes, for all India and individual states for rural and urban areas separately. State-wise information is available from round 17 (61-62) except in round 19 (64-65) up to round 38 (1983).

### A. Limitations of the NSSO Data for Analytical Purposes

The NSSO data, though uniform with respect to various concepts and definitions over time, still suffers from a few limitations stated below:

1. Period of enquiry in NSSO rounds ranges from a few months to over a year. It was from 14th round i.e. July 1958 - June 1959, that the period of enquiry was fixed to one year. The beginning of the round varied over the year.

2. The reference period in NSSO rounds is a moving period. The sample households are interviewed at different dates during the period of enquiry. This may produce a seasonality bias.

3 Number and structure of expenditure classes in NSSO rounds change over time. A re-arrangement of classes is required to make the data comparable.

4 Item coverage in NSSO rounds changed from time to time, necessitating a reclassification to general consistent time series for these items over the study period.

5 Difficult and complicated sampling design adopted by NSSO renders the computation of the standard error of the estimates difficult. Therefore conventional statistical tests of significance of various estimates is not possible.

6. The NSSO estimates of aggregates and distribution are affected by the particular method of consumption valuation. The NSSO values consumption out of cash purchases at actual purchase price, that out of home grown stock at ex-farm price and that out of barter and transfers at the average retail prices. The proportion of purchased articles to home grown consumption differs from class to class and year to year, and also prices actually paid by each class, place and year are different. This valuation procedure leads to inter class and inter regional price variations. This renders any selected price indices inappropriate for deflation of these expenditures for inter-temporal and inter-state comparisons.

II. Construction of Appropriate Deflators

The NSSO provides estimates of per capita expenditure by items of consumption and by per capita expenditure classes in every round at current prices. These expenditures need to be expressed at the same constant prices to be of any comparative use. The procedure of valuation of quantitative consumption is such that the actual recorded prices tend to vary over expenditure classes, states and places. The relative changes in prices of food items, too vary over the years.

In view of this, the task of constructing appropriate price indices to deflate these expenditures is formidable. The complications involved motivated quite a few researchers to bypass the requirement. They, instead preferred to adopt fractile analysis with expenditures at current prices and express the results as bottom X% of population incurring Y% of expenditure in year 1, 2 and so on. A comparison of $Y_{1\%}$ with $Y_{2\%}$ then provides the required over-time change.

The adequacy of this approach is put to stake by inter-class variations in prices. The relative expenses of the X% of population in real terms are likely to be at variance with their expenses in monetary terms. Fractile analysis, in fact, is a mechanism to regularise the unequal and irregular classes. A realistic, comparative picture over time emerges with the fractile analysis applied to real expenses only. This places an added importance on formation of appropriate deflators.

Montek Ahluwalia (1986) and Uma Dutta Chaudhry (1966) deflated the per capita expenditures incurred by each decile before estimating poverty. A tacit assumption of an income-distribution unaffected by price changes is thereby made. The NSSO data reveal that the prices paid by the poorer classes are lower by as much as 30% in almost all the states. The income distribution in real terms is, thus, different from income distribution in monetary terms.

NSSO round 17, 27, 28 & 32, per capita expenditure estimates of eight major cereals, total cereals, pulses and grams by per capita expenditure classes are presented in monetary values as well as in quantities. Based on this information, average and class-wise NSSO prices were calculated. On examination, these prices revealed the following types of variation:

(i) Price changes over time
(ii) Price changes over classes
(iii) Price changes over states including rural/urban variations
(iv) Price changes over commodities

Introduced price adjustment factors should take account of these variations.

Wholesale price indices in India provide the most consistent and extensive series of price indices. Other available indices like Consumer Price Indices for Agricultural Labourers (CPIAL) and Cost of Living Indices for Industrial Workers are class-specific. Besides, the divergence between the Consumer Price Indices of Agricultural Labourers and the NSSO implicit price indices based on foodgrains is consistently greater than the divergence between the wholesale price indices and the implicit NSSO price indices. The usage of CPIAL, therefore, is not considered appropriate. The use of wholesale price indices, with suitable adjustment factors for inter-class price variations and adapted to state specific NSSO implicit price indices, is considered to be the most appropriate deflator.

A. Formulation for the Deflators

Let i denote the commodities of NSSO data
r denote the rounds of NSSO
c denote the per capita expenditure classes
j denote the state i.e. Rural and Urban for the fifteen study states.

Let

$I_{ri}$ be the wholesale price index for round r and commodity i on the selected base 1970-71

$R_{cj}$ be the inter-class price ratio for state j class c averaged over r and i

$K_{rj}$ be the ratio of NSSO price indices to wholesale price indices for round r and state j averaged over cereals and pulses.

Then, the required deflators are given by:

$$D_{rijc} = I_{ri} \times R_{ij} \times K_{rj}.$$

NSSO Prices for per capita expenditure classes and average of all expenditure classes for foodgrains, cereals and pulses were used to obtain $R_{cj}$ and $K_{rj}$.

B. Formulation of Inter-Class Adjustment Factors

Let

$V_{rijc}$ be the value of expenditure (Rs.) on commodity i by class c in round r and state j.

$Q_{rijc}$ be the quantity consumed in kg. of commodity i by class c in round r and state j.

Then

$$P_{rijc} = \frac{V_{rijc}}{Q_{rijc}}$$ = Price of commodity i paid by class c in round r and state j

$P_{rij} = \frac{V_{rij}}{Q_{rij}}$ = Average price of commodity i in round r and state j.

$R_{rijc} = \frac{P_{rijc}}{P_{rij}}$ = Ratio of price of commodity i paid by class c to average Price of that commodity in round r state j.

$$R_{icj} = \frac{\sum_r R_{icjr}}{\text{No. of Rounds}}$$

$$R_{cj} = \frac{\sum_r R_{icj} \; V27_{icj}}{\sum_i V27_{icj}}$$

Rcj are the inter-class adjustment factors to be used for rounds 17-28 for all commodities. Rcj's calculated from cereals and pulses are assumed to hold good for all other commodities, the quantity data for which were not available. Table A 2.1 and A 2.2 give the estimated inter-class adjustment factors.

Prices paid by the open ended class were observed to change substantially when that class was closed and a new open ended class formed. Therefore an average adjustment factor was worked out for all the classes formed by breaking the earlier open ended classes.

The class structure of round 32 and 38 is altogether different from the earlier rounds. Inter-class price ratios for round 32 therefore, are based on this round itself. For round 38, the inter class price ratios are based on the weighted average of the ratios of matching classes of round 32 (Tables A 2.3 to A 2.6).

C. Formulation of Ratio of NSSO to Wholesale Prices

On the basis of average NSSO prices of cereals and pulses, price relatives were computed with 1972-73 as the base for every round for which the NSSO prices could be computed. 1972-73 was selected as the base for this purpose as quantity data and hence prices for the 1970-71 round were not available. These price relatives were compared with wholesale price indices for corresponding years with the base as 1972-73. The ratio of NSSO prices to wholesale prices was computed for each of these rounds. These ratios averaged over commodities were used as adjustment factors to wholesale price indices for the respective rounds. For the remaining rounds an average of these ratios over all the rounds was used (Tables A 2.7 & A 2.8).

Formulation

Let

$L_{rij} = \frac{P_{rij}}{P_{27ij}}$ be the price relative of average NSSO prices of cereals and pulses in round r to that in round 27.

Then $$K_{rij} = \frac{L_{rij}}{I_{ri}} \times \frac{P_{27ij}}{P_{27i}}$$

r = 17, 27, 28, 32 for all cereals and pulses.

$$K_{rj} = \frac{\Sigma K_{rij} V_{27ij}}{\Sigma V_{27ij}}$$ for all cereals and pulses.

Where $P_{27i}$ is the all India Wholesale Price of cereals and pulses for the year corresponding to 27th round i.e. 1972-73.

$K_{rj}$ are the required adjustment factors used for all commodities.

$$K_j = \frac{\sum_r K_{rj}}{\text{No. of rounds}}$$

for r other than above.

The state-All India price variations exist not only in the rate of change in prices over the years but also in the level of operative prices. The factor $L_{rij}/I_{ri}$ takes care of the variation in the rate of change and the factor $P_{rij}/P_{ri}$, the ratio of state NSSO prices to All India prices, takes care of the variations in the level of prices.

Per capita food expenditure in real terms is a simple sum of the estimated deflated per capita expenditures of the individual food items. Per capita non-food expenditures are deflated by weighted price indices of all items and food items.

$$I_{rNF} = \frac{I_r - 0.7\, I_{rf}}{0.3}$$

where $I_{rNF}$ are the price indices of non-food items
$I_{rf}$ are the price indices of total of food items
$I_r$ are the price indices of all consumer items

Expenditure ratio on food to non-food items was calculated from NSSO data.

Per capita deflated expenditures on all items were obtained by summing up deflated expenditure on food and non-food items.

## III. Nutrition Estimates

Nutrition estimates were obtained from the per capita expenditure on food items at constant prices following two steps.

(i) The real per capita expenditures in terms of 1970-71 prices of foodgrains, cereals, pulses and other food articles were divided by their respective wholesale prices in 1970-71 to get the quantity estimates. Table A 2.9 gives the prices of food items at 1970-71 prices.

(ii) These quantity estimates were subjected to standard nutritive value conversion factors from the National Institute of Nutrition (Table A 2.10) to estimate the per capita intake of calories and protein.

IV. Definition of Poverty

The poor, in this study are indentified as those persons whose calorie intake is less than the ICMR recommended intake of 2,150 kcal per day. The expenditure 'equivalent of this calorie norm at 1970 71 prices has been worked out at Rs. 40 as follows:

Considering that 60% of total expenditure is spent on calorie giving food (Proportion of total expenditure on food is 70% and of this 85% is on calorie giving food) and assuming that this food consists of foodgrains only the 'equivalent' expenditure is

$$\frac{2150}{347} \times 1.27 \times \frac{100}{60} \times 30 = \text{Rs. } 40$$

Rs. 1.27 is the price of 1 kg. foodgrain at 1970-71 prices and which contains 347 kcal per 100 grams.

V. Fractile Analysis

Inter-temporal comparison of NSSO estimates is obstructed by frequent changes in the class structure of per capita expenditures in NSSO data. Fractile analysis provides a methodology for conversion to a uniform class pattern. Fractile groups are obtained by arranging the sample households in ascending order of per capita expenditure and then dividing them into a suitable number of groups of equal population size from the bottom. The present study, however, considers the usage of number of sample persons instead of sample households as a more meaningful measure for a study of per capita expenditures. This study attempts to estimate the proportion of total expenditure, upper terminal value and average value of per capita expenditure by fractile groups (deciles). It also attempts to provide these estimates for various subheads like expenditures on food items, total of food and total of non-food. Intake of calories and protein is also estimated by deciles.

Annexure II of the report entitled 'Food Consumption, Nutrient Intake and Agricultural Production in India' by R.E. Evenson prepared for USAID in 1986 describes the procedure of fractile analysis in detail and indicates the modifications required for the analysis of NSSO data. The formula for Gini ratio and Sen's index of poverty are also included in the Evenson report.

Table A 2.1

**State Wise Inter-Class Ratios**
(For rounds 17-28)

Rural

| Per Capita Expenditure Classes | AP | BI | GU | HA | HP | KA | KE | MP | MA | OR | PU | RA | TN | UP | W.B. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-8 | 0.84 | 0.80 | 0.79 | 0.90 | 0.84 | 0.82 | 0.85 | 0.84 | 0.84 | 0.92 | 0.95 | 0.86 | 0.92 | 0.92 | 0.95 |
| 8-11 | 0.84 | 0.80 | 0.79 | 0.90 | 0.84 | 0.82 | 0.85 | 0.84 | 0.84 | 0.92 | 0.95 | 0.86 | 0.92 | 0.92 | 0.95 |
| 11-13 | 0.84 | 0.80 | 0.79 | 0.90 | 0.84 | 0.82 | 0.85 | 0.84 | 0.84 | 0.92 | 0.95 | 0.86 | 0.92 | 0.92 | 0.95 |
| 13-15 | 0.84 | 0.80 | 0.79 | 0.90 | 0.84 | 0.82 | 0.90 | 0.88 | 0.84 | 0.92 | 0.95 | 0.86 | 0.92 | 0.95 | 0.96 |
| 15-18 | 0.89 | 0.80 | 0.88 | 0.90 | 0.84 | 0.84 | 0.90 | 0.91 | 0.84 | 0.96 | 0.95 | 0.86 | 0.92 | 0.95 | 0.96 |
| 18-21 | 0.92 | 0.83 | 0.91 | 0.90 | 0.84 | 0.90 | 0.91 | 0.93 | 0.84 | 0.96 | 0.95 | 0.86 | 0.93 | 0.96 | 0.98 |
| 21-24 | 0.93 | 0.87 | 0.95 | 0.94 | 0.90 | 0.90 | 0.93 | 0.93 | 0.84 | 0.96 | 0.95 | 0.93 | 0.95 | 0.96 | 0.98 |
| 24-28 | 0.98 | 0.90 | 0.96 | 0.94 | 0.90 | 0.92 | 0.96 | 0.96 | 0.93 | 0.99 | 0.96 | 0.95 | 0.95 | 0.96 | 0.99 |
| 28-34 | 0.98 | 0.92 | 0.99 | 0.95 | 0.90 | 0.96 | 0.96 | 0.97 | 0.93 | 1.00 | 0.96 | 0.97 | 0.99 | 0.96 | 0.99 |
| 34-43 | 1.02 | 0.97 | 1.00 | 0.96 | 0.90 | 1.03 | 0.96 | 1.01 | 1.00 | 1.03 | 1.01 | 0.98 | 1.00 | 1.00 | 0.99 |
| 43-55 | 1.04 | 1.01 | 1.01 | 0.98 | 0.96 | 1.04 | 0.96 | 1.07 | 1.00 | 1.09 | 1.02 | 1.02 | 1.02 | 1.00 | 1.03 |
| 55-75 | 1.10 | 1.05 | 1.09 | 1.00 | 1.01 | 1.12 | 0.99 | 1.07 | 1.14 | 1.10 | 1.02 | 1.02 | 1.07 | 1.04 | 1.04 |
| 75-100 | 1.10 | 1.06 | 1.18 | 1.01 | 1.03 | 1.12 | 1.12 | 1.07 | 1.14 | 1.10 | 1.02 | 1.07 | 1.07 | 1.04 | 1.04 |
| 100-150 | 1.10 | 1.06 | 1.18 | 1.04 | 1.08 | 1.12 | 1.12 | 1.07 | 1.14 | 1.10 | 1.02 | 1.07 | 1.07 | 1.04 | 1.04 |
| 150-200 | 1.10 | 1.06 | 1.18 | 1.04 | 1.08 | 1.12 | 1.12 | 1.07 | 1.14 | 1.10 | 1.02 | 1.07 | 1.07 | 1.04 | 1.04 |
| 200 & above | 1.10 | 1.06 | 1.18 | 1.04 | 1.08 | 1.12 | 1.12 | 1.07 | 1.14 | 1.10 | 1.02 | 1.07 | 1.07 | 1.04 | 1.04 |
| Average | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| % Change (Last Class over Ist Class) | 31 | 32 | 49 | 16 | 29 | 37 | 32 | 27 | 36 | 20 | 7 | 24 | 16 | 13 | 10 |

Table A 2.2

**State Wise Inter-Class Ratios**
(For rounds 17-28)

Urban

| Per Capita Expenditure Classes | AP | BI | GU | HA | HP | KA | KE | MP | MA | OR | PU | RA | TN | UP | W.B. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-8 | 0.88 | 0.84 | 0.88 | 0.92 | 0.88 | 0.85 | 0.85 | 0.86 | 0.73 | 0.91 | 0.90 | 0.81 | 0.90 | 0.85 | 0.90 |
| 8-11 | 0.88 | 0.84 | 0.88 | 0.92 | 0.88 | 0.85 | 0.85 | 0.86 | 0.73 | 0.91 | 0.90 | 0.81 | 0.90 | 0.85 | 0.90 |
| 11-13 | 0.88 | 0.84 | 0.88 | 0.92 | 0.88 | 0.85 | 0.85 | 0.86 | 0.73 | 0.91 | 0.90 | 0.81 | 0.90 | 0.85 | 0.90 |
| 13-15 | 0.88 | 0.84 | 0.88 | 0.92 | 0.88 | 0.88 | 0.90 | 0.86 | 0.73 | 0.94 | 0.90 | 0.81 | 0.93 | 0.85 | 0.90 |
| 15-18 | 0.91 | 0.84 | 0.90 | 0.94 | 0.88 | 0.88 | 0.90 | 0.90 | 0.73 | 0.94 | 0.90 | 0.81 | 0.93 | 0.89 | 0.90 |
| 18-21 | 0.92 | 0.84 | 0.90 | 0.95 | 0.88 | 0.92 | 0.91 | 0.90 | 0.83 | 0.94 | 0.93 | 0.82 | 0.93 | 0.89 | 0.90 |
| 21-24 | 0.93 | 0.84 | 0.90 | 0.95 | 0.88 | 0.92 | 0.93 | 0.94 | 0.83 | 0.94 | 0.93 | 0.86 | 0.93 | 0.90 | 0.90 |
| 24-28 | 0.95 | 0.87 | 0.90 | 0.95 | 0.88 | 0.95 | 0.96 | 0.94 | 0.86 | 0.95 | 0.96 | 0.88 | 0.93 | 0.94 | 0.93 |
| 28-34 | 0.97 | 0.90 | 0.90 | 0.95 | 0.88 | 0.95 | 0.96 | 0.95 | 0.90 | 0.95 | 0.96 | 0.93 | 0.97 | 0.95 | 0.93 |
| 34-43 | 1.00 | 0.93 | 0.96 | 0.96 | 0.88 | 0.95 | 0.96 | 1.02 | 0.95 | 0.98 | 0.98 | 0.96 | 0.98 | 0.99 | 0.97 |
| 43-55 | 1.02 | 1.00 | 0.99 | 0.99 | 0.94 | 1.01 | 0.96 | 1.08 | 1.03 | 0.98 | 0.98 | 1.00 | 1.07 | 1.04 | 0.99 |
| 55-75 | 1.07 | 1.01 | 1.05 | 1.01 | 0.97 | 1.06 | 0.99 | 1.08 | 1.09 | 1.03 | 0.98 | 1.01 | 1.07 | 1.07 | 1.03 |
| 75-100 | 1.07 | 1.08 | 1.17 | 1.03 | 0.98 | 1.16 | 1.12 | 1.08 | 1.14 | 1.06 | 1.01 | 1.08 | 1.07 | 1.07 | 1.03 |
| 100-150 | 1.07 | 1.08 | 1.17 | 1.03 | 1.00 | 1.16 | 1.12 | 1.08 | 1.14 | 1.06 | 1.03 | 1.08 | 1.07 | 1.07 | 1.03 |
| 150-200 | 1.07 | 1.08 | 1.17 | 1.05 | 1.05 | 1.16 | 1.12 | 1.08 | 1.14 | 1.06 | 1.03 | 1.08 | 1.07 | 1.07 | 1.03 |
| 200 & above | 1.07 | 1.08 | 1.17 | 1.12 | 1.05 | 1.16 | 1.12 | 1.08 | 1.14 | 1.06 | 1.03 | 1.08 | 1.07 | 1.07 | 1.03 |
| Average | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| % Change (Last class Over Ist Class) | 22 | 29 | 33 | 14 | 27 | 36 | 32 | 26 | 56 | 16 | 14 | 33 | 19 | 26 | 14 |

Table A 2.3

**State Wise Inter-Class Ratios**
(For round 32)

Rural

| Per Capita Expenditure Classes | AP | BI | GU | HA | HP | KA | KE | MP | MA | OR | PU | RA | TN | UP | W.B. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-10 | 0.73 | 0.94 | 0.75 | 0.93 | 0.82 | 0.85 | 0.92 | 0.84 | 0.77 | 0.92 | 0.96 | 0.74 | 0.82 | 0.86 | 0.91 |
| 10-15 | 0.73 | 0.94 | 0.75 | 0.93 | 0.82 | 0.85 | 0.92 | 0.84 | 0.77 | 0.92 | 0.96 | 0.74 | 0.82 | 0.86 | 0.91 |
| 15-20 | 0.73 | 0.94 | 0.75 | 0.93 | 0.82 | 0.85 | 0.92 | 0.84 | 0.77 | 0.92 | 0.96 | 0.74 | 0.82 | 0.86 | 0.91 |
| 20-30 | 0.81 | 0.94 | 0.75 | 0.93 | 0.82 | 0.85 | 0.92 | 0.84 | 0.80 | 0.95 | 0.96 | 0.92 | 0.88 | 0.88 | 0.96 |
| 30-35 | 0.86 | 0.94 | 0.84 | 0.97 | 0.92 | 0.91 | 0.94 | 0.95 | 0.89 | 0.96 | 0.96 | 0.92 | 0.93 | 0.94 | 0.96 |
| 35-40 | 0.92 | 0.95 | 0.89 | 0.97 | 0.96 | 0.94 | 0.95 | 0.96 | 0.92 | 0.99 | 0.96 | 0.92 | 0.94 | 0.95 | 0.97 |
| 40-50 | 0.95 | 0.97 | 0.94 | 0.99 | 0.96 | 1.00 | 0.98 | 1.00 | 0.97 | 0.99 | 1.03 | 0.98 | 0.95 | 0.97 | 0.98 |
| 50-60 | 0.98 | 0.99 | 0.99 | 0.99 | 0.99 | 1.01 | 0.99 | 1.02 | 0.97 | 1.02 | 1.03 | 0.98 | 1.01 | 1.00 | 0.99 |
| 60-70 | 1.02 | 1.01 | 1.01 | 1.00 | 0.99 | 1.09 | 0.99 | 1.04 | 1.05 | 1.03 | 1.03 | 1.02 | 1.01 | 1.08 | 1.01 |
| 70-80 | 1.04 | 1.02 | 1.04 | 1.00 | 1.00 | 1.10 | 1.02 | 1.04 | 1.06 | 1.04 | 1.03 | 1.02 | 1.01 | 1.08 | 1.03 |
| 80-100 | 1.04 | 1.04 | 1.04 | 1.00 | 1.01 | 1.15 | 1.02 | 1.04 | 1.08 | 1.04 | 1.03 | 1.02 | 1.06 | 1.08 | 1.03 |
| 100-150 | 1.08 | 1.08 | 1.12 | 1.02 | 1.06 | 1.25 | 1.07 | 1.06 | 1.13 | 1.06 | 1.03 | 1.02 | 1.10 | 1.08 | 1.05 |
| 150-200 | 1.08 | 1.08 | 1.12 | 1.02 | 1.06 | 1.25 | 1.07 | 1.06 | 1.13 | 1.06 | 1.03 | 1.02 | 1.10 | 1.08 | 1.05 |
| 200 & above | 1.08 | 1.08 | 1.12 | 1.02 | 1.06 | 1.25 | 1.07 | 1.06 | 1.13 | 1.06 | 1.03 | 1.02 | 1.10 | 1.08 | 1.05 |
| Average | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| % Change (last Class over Ist Class) | 48 | 15 | 49 | 11 | 29 | 47 | 16 | 26 | 7 | 15 | 47 | 46 | 34 | 26 | 15 |

Table A 2.4

**State Wise Inter-Class Ratios**
(For round 32)

Urban

| Per Capita Expenditure Classes | AP | BI | GU | HA | HP | KA | KE | MP | MA | OR | PU | RA | TN | UP | W.B. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-10 | 0.88 | 0.86 | 0.89 | 1.00 | 0.88 | 0.81 | 0.93 | 0.84 | 0.70 | 0.87 | 0.96 | 0.86 | 0.84 | 0.91 | 0.91 |
| 10-15 | 0.88 | 0.86 | 0.89 | 1.00 | 0.88 | 0.81 | 0.93 | 0.84 | 0.70 | 0.87 | 0.96 | 0.86 | 0.84 | 0.91 | 0.91 |
| 15-20 | 0.88 | 0.91 | 0.89 | 1.00 | 0.88 | 0.81 | 0.93 | 0.84 | 0.70 | 0.88 | 0.96 | 0.86 | 0.84 | 0.91 | 0.91 |
| 20-30 | 0.88 | 0.92 | 0.89 | 1.00 | 0.88 | 0.81 | 0.98 | 0.84 | 0.70 | 0.90 | 0.96 | 0.86 | 0.88 | 0.91 | 0.91 |
| 30-35 | 0.89 | 0.93 | 0.89 | 1.00 | 0.88 | 0.85 | 0.98 | 0.91 | 0.75 | 0.93 | 0.96 | 0.94 | 0.92 | 0.91 | 0.93 |
| 35-40 | 0.91 | 0.93 | 0.91 | 1.00 | 0.92 | 0.89 | 0.99 | 0.92 | 0.78 | 0.93 | 0.98 | 0.95 | 0.92 | 0.93 | 0.93 |
| 40-50 | 0.93 | 0.96 | 0.91 | 1.00 | 0.94 | 0.91 | 0.99 | 0.94 | 0.83 | 0.96 | 0.98 | 0.96 | 0.95 | 0.94 | 0.97 |
| 50-60 | 0.98 | 0.98 | 0.95 | 1.00 | 0.94 | 0.96 | 1.01 | 0.99 | 0.84 | 0.97 | 0.98 | 0.96 | 0.97 | 0.97 | 0.98 |
| 60-70 | 0.99 | 1.00 | 0.99 | 1.00 | 0.95 | 1.01 | 1.01 | 1.01 | 0.94 | 0.99 | 1.00 | 0.99 | 0.99 | 1.00 | 0.99 |
| 70-80 | 1.00 | 1.02 | 0.99 | 1.00 | 0.98 | 1.06 | 1.01 | 1.04 | 0.97 | 1.03 | 1.00 | 0.99 | 1.00 | 1.00 | 0.99 |
| 80-100 | 1.01 | 1.06 | 1.00 | 1.00 | 1.06 | 1.11 | 1.03 | 1.06 | 1.00 | 1.03 | 1.07 | 1.02 | 1.02 | 1.01 | 1.02 |
| 100-150 | 1.05 | 1.15 | 1.07 | 1.00 | 1.07 | 1.22 | 1.03 | 1.08 | 1.08 | 1.07 | 1.11 | 1.09 | 1.07 | 1.12 | 1.10 |
| 150-200 | 1.05 | 1.15 | 1.07 | 1.00 | 1.07 | 1.22 | 1.03 | 1.08 | 1.23 | 1.07 | 1.11 | 1.09 | 1.07 | 1.12 | 1.10 |
| 200 & above | 1.05 | 1.15 | 1.07 | 1.00 | 1.07 | 1.22 | 1.03 | 1.08 | 1.23 | 1.07 | 1.11 | 1.09 | 1.07 | 1.12 | 1.10 |
| 300 & above | | | | 1.00 | | | 1.03 | | 1.23 | 1.07 | | | | | |
| Average | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| % Change (last Class over Ist Class) | 19 | 34 | 20 | 0 | 22 | 51 | 11 | 29 | 76 | 23 | 16 | 27 | 27 | 23 | 21 |

Table A 2.5

**State Wise Inter-Class Ratios**
(For round 38)

Rural

| Per Capita Expenditure Classes | AP | BI | GU | HA | HP | KA | KE | MP | MA | OR | J | RA | TN | UP | W.B. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-30 (1) | 0.73 | 0.92 | 0.72 | 0.93 | 0.82 | 0.77 | 0.89 | 0.81 | 0.72 | 0.90 | 0.96 | 0.76 | 0.79 | 0.81 | 0.93 |
| 30-40 (2) | 0.86 | 0.92 | 0.83 | 0.97 | 0.94 | 0.84 | 0.92 | 0.92 | 0.83 | 0.95 | 0.96 | 0.92 | 0.89 | 0.89 | 0.96 |
| 40-50 (3) | 0.91 | 0.95 | 0.90 | 0.99 | 0.96 | 0.91 | 0.95 | 0.96 | 0.90 | 0.98 | 1.00 | 0.98 | 0.90 | 0.93 | 0.98 |
| 50-60 (3) | 0.94 | 0.97 | 0.95 | 0.99 | 0.99 | 0.92 | 0.96 | 0.98 | 0.90 | 0.99 | 1.00 | 0.98 | 0.95 | 0.98 | 0.99 |
| 60-70 (3) | 0.98 | 0.99 | 0.97 | 1.00 | 0.99 | 0.99 | 0.96 | 1.00 | 0.97 | 1.00 | 1.00 | 1.02 | 0.96 | 1.02 | 1.01 |
| 70-85 (4) | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 0.98 | 1.00 | 1.00 | 1.02 | 0.96 | 1.02 | 1.03 |
| 85-100(4) | 1.00 | 1.02 | 1.00 | 1.00 | 1.00 | 1.01 | 1.00 | 1.00 | 1.00 | 1.02 | 1.00 | 1.02 | 1.00 | 1.02 | 1.03 |
| 100-125(5) | 1.04 | 1.03 | 1.04 | 1.02 | 1.04 | 1.13 | 1.00 | 1.00 | 1.05 | 1.02 | 1.00 | 1.02 | 1.03 | 1.02 | 1.04 |
| 125-150(5) | 1.04 | 1.03 | 1.04 | 1.02 | 1.04 | 1.13 | 1.00 | 1.00 | 1.05 | 1.02 | 1.00 | 1.02 | 1.03 | 1.02 | 1.04 |
| 150-200(3) | 1.04 | 1.07 | 1.09 | 1.02 | 1.07 | 1.15 | 1.00 | 1.02 | 1.05 | 1.02 | 1.02 | 1.08 | 1.05 | 1.02 | 1.06 |
| 200-250(6) | 1.04 | 1.07 | 1.09 | 1.02 | 1.07 | 1.15 | 1.11 | 1.04 | 1.05 | 1.02 | 1.02 | 1.08 | 1.05 | 1.02 | 1.06 |
| 250-300(6) | 1.04 | 1.07 | 1.09 | 1.02 | 1.08 | 1.15 | 1.11 | 1.04 | 1.05 | 1.02 | 1.02 | 1.08 | 1.05 | 1.02 | 1.06 |
| 300 & above (6) | 1.04 | 1.07 | 1.09 | 1.02 | 1.08 | 1.15 | 1.11 | 1.04 | 1.05 | 1.02 | 1.02 | 1.08 | 1.05 | 1.02 | 1.06 |
| Average | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| % Change (Last Class Over Ist Class) | 42 | 16 | 51 | 10 | 32 | 49 | 25 | 28 | 46 | 13 | 6 | 42 | 33 | 26 | 14 |

(1) Weighted average of the class ratios of round 32 classes 0-10, 10-15, and 20-30.
(2) Weighted average of the class ratios of round 32 classes 30-35 and 35-40.
(3) As in comparable classes of round 32.
(4) As in class 70-80 and 80-100 of round 32.
(5) As in class 100-150 of round 32.
(6) As in class 200 and above of round 32.
(7) Class ratios in round 38 as obtained on the basis of round 32, as mentioned in notes (1) to (6), were modified equating the ratio of class 70-85 or 85-100 to 1.00.

Table A 2.6

**State Wise Inter-Class Ratios**
(For round 38)

Urban

| Per Capita Expenditure Classes | | AP | BI | GU | HA | HP | KA | KE | MP | MA | OR | PU | RA | TN | UP | W.B. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-30 | (1) | 0.89 | 0.85 | 0.89 | 1.00 | 0.88 | 0.73 | 0.93 | 0.81 | 0.70 | 0.87 | 0.92 | 0.84 | 0.84 | 0.88 | 0.89 |
| 30-40 | (2) | 0.89 | 0.89 | 0.90 | 1.00 | 0.90 | 0.78 | 0.97 | 0.89 | 0.76 | 0.91 | 0.93 | 0.92 | 0.90 | 0.89 | 0.91 |
| 40-50 | (3) | 0.92 | 0.92 | 0.91 | 1.00 | 0.94 | 0.82 | 0.98 | 0.90 | 0.83 | 0.94 | 0.94 | 0.94 | 0.93 | 0.90 | 0.95 |
| 50-60 | (3) | 0.97 | 0.94 | 0.95 | 1.00 | 0.94 | 0.86 | 1.00 | 0.95 | 0.84 | 0.96 | 0.94 | 0.94 | 0.95 | 0.93 | 0.96 |
| 60-70 | (3) | 0.98 | 0.96 | 0.99 | 1.00 | 0.95 | 0.91 | 1.00 | 0.97 | 0.94 | 1.00 | 0.96 | 0.97 | 0.97 | 0.96 | 0.97 |
| 70-85 | (4) | 0.99 | 0.98 | 0.99 | 1.00 | 0.98 | 0.95 | 1.00 | 1.00 | 0.97 | 1.00 | 0.96 | 0.97 | 0.98 | 0.96 | 0.97 |
| 85-100 | (4) | 1.00 | 1.02 | 1.00 | 1.00 | 1.06 | 1.00 | 1.02 | 1.02 | 1.00 | 1.04 | 0.97 | 1.00 | 1.00 | 0.97 | 1.00 |
| 100-125 | (5) | 1.03 | 1.04 | 1.04 | 1.00 | 1.06 | 1.04 | 1.02 | 1.02 | 1.08 | 1.04 | 1.07 | 1.05 | 1.03 | 1.04 | 1.05 |
| 125-150 | (5) | 1.03 | 1.04 | 1.04 | 1.00 | 1.06 | 1.04 | 1.02 | 1.02 | 1.08 | 1.04 | 1.07 | 1.05 | 1.03 | 1.04 | 1.05 |
| 150-200 | (3) | 1.05 | 1.11 | 1.08 | 1.00 | 1.07 | 1.07 | 1.02 | 1.05 | 1.08 | 1.04 | 1.07 | 1.07 | 1.05 | 1.05 | 1.09 |
| 200-250 | (6) | 1.05 | 1.11 | 1.08 | 1.00 | 1.07 | 1.07 | 1.02 | 1.05 | 1.23 | 1.04 | 1.07 | 1.07 | 1.08 | 1.05 | 1.09 |
| 250-300 | (6) | 1.05 | 1.11 | 1.08 | 1.00 | 1.08 | 1.07 | 1.02 | 1.05 | 1.23 | 1.04 | 1.07 | 1.07 | 1.08 | 1.05 | 1.09 |
| 300 & above | (6) | 1.05 | 1.11 | 1.08 | 1.00 | 1.08 | 1.07 | 1.02 | 1.05 | 1.23 | 1.04 | 1.07 | 1.07 | 1.08 | 1.05 | 1.09 |
| Average | | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 | 1.00 |
| % Change (Last Class Over Ist Class) | | 18 | 31 | 21 | 0 | 23 | 47 | 10 | 30 | 76 | 20 | 16 | 27 | 29 | 19 | 22 |

(1) Weighted average of the class ratios of round 32 classes 0-10, 10-15, and 20-30.
(2) Weighted average of the class ratios of round 32 classes 30-35 and 35-40.
(3) As in comparable classes of round 32.
(4) As in class 70-80 and 80-100 of round 32.
(5) As in class 100-150 of round 32.
(6) As in class 200 and above of round 32.
(7) Class ratios in round 38 as obtained on the basis of round 32, as mentioned in notes (1) to (6), were modified equating the ratio of class 70-85 or 85-100 to 1.00.

Table A 2.7

NSS to wholesale Price Ratio

| | Rural | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Round | AP | BI | GU | HA | HP | KA | KE | MP | MA | OR | PU | RA | TN | UP | W.B. |
| 17 | 0.90 | 0.90 | 0.77 | - | - | 0.78 | 1.09 | 0.69 | 0.80 | 0.79 | 0.71 | 0.60 | 0.93 | 0.72 | 1.02 |
| 18 | 0.90 | 0.96 | 0.88 | 0.73 | 0.85 | 0.91 | 1.15 | 0.84 | 0.88 | 0.86 | 0.67 | 0.72 | 0.89 | 0.77 | 1.01 |
| 20 | 0.90 | 0.96 | 0.88 | 0.73 | 0.85 | 0.91 | 1.15 | 0.84 | 0.88 | 0.86 | 0.67 | 0.72 | 0.89 | 0.77 | 1.01 |
| 21 | 0.90 | 0.96 | 0.88 | 0.73 | 0.85 | 0.91 | 1.15 | 0.84 | 0.88 | 0.86 | 0.67 | 0.72 | 0.89 | 0.77 | 1.01 |
| 22 | 0.90 | 0.96 | 0.88 | 0.73 | 0.85 | 0.91 | 1.15 | 0.84 | 0.88 | 0.86 | 0.67 | 0.72 | 0.89 | 0.77 | 1.01 |
| 23 | 0.90 | 0.96 | 0.88 | 0.73 | 0.85 | 0.91 | 1.15 | 0.84 | 0.88 | 0.86 | 0.67 | 0.72 | 0.89 | 0.77 | 1.01 |
| 24 | 0.90 | 0.96 | 0.88 | 0.73 | 0.85 | 0.91 | 1.15 | 0.84 | 0.88 | 0.86 | 0.67 | 0.72 | 0.89 | 0.77 | 1.01 |
| 25 | 0.90 | 0.96 | 0.88 | 0.73 | 0.85 | 0.91 | 1.15 | 0.84 | 0.88 | 0.86 | 0.67 | 0.72 | 0.89 | 0.77 | 1.01 |
| 27 | 0.92 | 1.04 | 0.99 | 0.75 | 0.86 | 1.01 | 1.29 | 0.79 | 0.98 | 0.91 | 0.62 | 0.81 | 0.82 | 0.77 | 1.08 |
| 28 | 0.92 | 1.32* | 0.98 | 0.74 | 0.91 | 1.03 | 1.55* | 0.91 | 1.01 | 0.85 | 0.66 | 0.79 | 0.92 | 0.88 | 1.31* |
| 32 | 0.87 | 0.93 | 0.78 | 0.70 | 0.78 | 0.79 | 1.05 | 0.98 | 0.73 | 0.88 | 0.70 | 0.66 | 0.90 | 0.70 | 0.93 |
| 38 | 0.90 | 0.96 | 0.88 | 0.73 | 0.85 | 0.91 | 1.15 | 0.84 | 0.88 | 0.86 | 0.67 | 0.72 | 0.89 | 0.77 | 1.01 |
| Average | 0.90 | 0.96 | 0.88 | 0.73 | 0.85 | 0.91 | 1.15 | 0.84 | 0.88 | 0.86 | 0.67 | 0.72 | 0.89 | 0.77 | 1.01 |

* 1) Figure being abnormal was excluded from calculation of average.

Table A 2.8

NSS to wholesale Price Ratio

| | Urban | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Round | AP | BI | GU | HA | HP | KA | KE | MP | MA | OR | PU | RA | TN | UP | W.B. |
| 17 | 1.02 | 0.99 | 1.01 | - | - | 0.96 | 1.11 | 0.79 | 1.03 | 0.96 | 0.83 | 0.79 | 1.10 | 0.94 | 1.07 |
| 18 | 1.04 | 1.08 | 1.04 | 0.78 | 0.99 | 1.04 | 1.18 | 0.89 | 1.01 | 0.99 | 0.79 | 0.84 | 1.06 | 0.91 | 1.05 |
| 20 | 1.04 | 1.08 | 1.04 | 0.78 | 0.99 | 1.04 | 1.18 | 0.89 | 1.01 | 0.99 | 0.79 | 0.84 | 1.06 | 0.91 | 1.05 |
| 21 | 1.04 | 1.08 | 1.04 | 0.78 | 0.99 | 1.04 | 1.18 | 0.89 | 1.01 | 0.99 | 0.79 | 0.84 | 1.06 | 0.91 | 1.05 |
| 22 | 1.04 | 1.08 | 1.04 | 0.78 | 0.99 | 1.04 | 1.18 | 0.89 | 1.01 | 0.99 | 0.79 | 0.84 | 1.06 | 0.91 | 1.05 |
| 23 | 1.04 | 1.08 | 1.04 | 0.78 | 0.99 | 1.04 | 1.18 | 0.89 | 1.01 | 0.99 | 0.79 | 0.84 | 1.06 | 0.91 | 1.05 |
| 24 | 1.04 | 1.08 | 1.04 | 0.78 | 0.99 | 1.04 | 1.18 | 0.89 | 1.01 | 0.99 | 0.79 | 0.84 | 1.06 | 0.91 | 1.05 |
| 25 | 1.04 | 1.08 | 1.04 | 0.78 | 0.99 | 1.04 | 1.18 | 0.89 | 1.01 | 0.99 | 0.79 | 0.84 | 1.06 | 0.91 | 1.05 |
| 27 | 1.08 | 1.15 | 1.08 | 0.82 | 1.03 | 1.18 | 1.32 | 0.89 | 1.04 | 1.01 | 0.76 | 0.87 | 0.97 | 0.86 | 1.08 |
| 28 | 1.06 | 1.44* | 1.15 | 0.81 | 1.04 | 1.11 | 1.13 | 1.02 | 1.06 | 1.00 | 0.78 | 0.88 | 1.08 | 1.03 | 1.32 |
| 32 | 1.00 | 1.07 | 0.93 | 0.72 | 0.90 | 0.93 | 1.15 | 0.87 | 0.91 | 1.00 | 0.79 | 0.81 | 1.09 | 0.80 | 1.00 |
| 38 | 1.04 | 1.08 | 1.04 | 0.78 | 0.99 | 1.04 | 1.18 | 0.89 | 1.01 | 0.99 | 0.79 | 0.84 | 1.06 | 0.91 | 1.05 |
| Average | 1.04 | 1.08 | 1.04 | 0.78 | 0.99 | 1.04 | 1.18 | 0.89 | 1.01 | 0.99 | 0.79 | 0.84 | 1.06 | 0.91 | 1.05 |

* 1) Figures not included for being abnormal

Table A 2.9
Prices of Food Items at 1970-71 Prices

| Food Items | 1970-71 Prices per kg. (Rs.) |
|---|---|
| Rice | 1.35 |
| Wheat | 1.06 |
| Jawar | 0.82 |
| Bajra | 0.76 |
| Barley | 0.65 |
| Maize | 0.68 |
| Ragi | 0.65 |
| Sm. Millets | 0.68 |
| Grams | 1.08 |
| Cereals Substitutes | 0.68 |
| Cereals (a) | 1.14 |
| Pulses | 1.56 |
| Milk | 1.16 |
| Edible oils | 5.33 |
| Meat, egg and fish | 5.12 |
| Vegetable and fruits | 1.11 |
| Sugar | 1.97 |
| Salt and spices | 0.19 |
| Beverages | 0.16 |
| Food grains (a) | 1.27 |

(a) computed by using weights assigned to individual commodities in wholesale price indices.

Table A 2.10
Nutrient contents of Food Items

| Food Items | Kilo Calories (Per 100 gms.) | Protein (Per 100 gms.) |
|---|---|---|
| Rice | 346 | 7.5 |
| Wheat | 346 | 11.8 |
| Bajra | 361 | 11.6 |
| Jawar | 336 | 10.4 |
| Barley | 336 | 11.5 |
| Maize | 342 | 11.1 |
| Ragi | 328 | 7.3 |
| Grams | 360 | 17.1 |
| Cereals | 338 | 9.6 |
| Pulses | 349 | 23.3 |
| Foodgrains (a) | 339 | 10.8 |
| Edible oils | 900 | 0.0 |
| Milk | 83 | 3.8 |
| Fruits and vegetables | 69 | 2.9 |
| Meat, egg and fish | 150 | 18.0 |
| Sugar | 398 | 0.1 |

(a) Weighted average of cereal and pulse calorie and protein content

Source:

1. Hand Book of Food and Nutrition Statistics by Food and Nutrition Board, Ministry of Agriculture, Govt. of India.
2. Nutritive Value of Indian Foods, by Gopalan C. Rama Sastri, B.V. and Balasubramanian, National Institute of Nutrition.

## GUIDE TO TABLES

### Abbreviations

| States | Rural | Urban | |
|---|---|---|---|
| Andhra Pradesh | APR | APU | AP |
| Bihar | BIR | BIU | BI |
| Gujarat | GUR | GUU | GU |
| Haryana | HAR | HAU | HA |
| Himachal Pradesh | HPR | HPU | HP |
| Karnataka | KAR | KAU | KA |
| Kerala | KER | KEU | KE |
| Madhya Pradesh | MPR | MPU | MP |
| Maharashtra | MAR | MAU | MA |
| Orissa | ORR | ORU | OR |
| Punjab | PUR | PUU | PU |
| Rajasthan | RAR | RAU | RA |
| Tamil Nadu | TNR | TNU | TN |
| Uttar Pradesh | UPR | UPU | UP |
| West Bengal | WBR | WBU | WB |

| | |
|---|---|
| National Survey Sample Organization | NSSO |
| Wholesale Price Indices | WPI |
| NSS Implicit Prices | NIP |

2. Rounds and Years

| Rounds | Corresponding Yea |
|---|---|
| 17 | 1961-62 |
| 18 | 1962-63 |
| 19 | 1964-65 |
| 20 | 1965-66 |
| 21 | 1966-67 |
| 22 | 1967-68 |
| 23 | 1968-69 |
| 24 | 1969-70 |
| 25 | 1970-71 |
| 27 | 1972-73 |
| 28 | 1973-74 |
| 32 | 1977-78 |
| 38 | 1983 |

3. Unit of Measurement

| Titles of the Table | Unit of Measurement |
|---|---|
| Listing of Deciles by Commodities | Per Capita Monthly Expenditure in Rs. at 1970-71 prices. |
| Per Capita Energy Intake by Deciles | |
| Calories per day | Kcal |
| Protein per day | Grams |
| % Cereal Calories to total calories | Percent |
| % Pulse Protein to Cereal Protein | Percent |
| % Cereal Protein to Total Protein | Percent |
| % Sugar Calories to Total Calories | Percent |
| % Oil Calories to Total Calories | Percent |
| Poverty Line Rs.30, Rs.40 & Rs.50 | Percent |
| Column 2: Percentage of persons below the poverty line | |
| Column 3: Mean Expenditure of people below the poverty line | Rs. at 1970-71 prices |
| Column 4: Gini coefficient of people below the poverty line | Absolute Number |
| Column 5: Sen's Index of Poverty | Absolute Number |

| | |
|---|---|
| Per Capita Consumer Expenditure by Lower Deciles (average of 1, 2 &3 Deciles) and Upper Deciles (average of 7, 8 & 9 Deciles) | Rs. at 1970-71 prices |
| Per Capita Energy Intake by Lower and Upper Deciles | |
| Calories | Kcal |
| Protein | Grams |

Page No. 1
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR 1 | | | | | | | | | | | | |
| KAR FOODGRAINS | 17 | 14.81 | 19.81 | 24.43 | 29.04 | 31.57 | 29.27 | 31.55 | 35.53 | 36.10 | 47.95 | 27.50 |
| KAR FOODGRAINS | 18 | 11.98 | 16.09 | 17.76 | 17.81 | 19.44 | 20.54 | 21.02 | 21.87 | 23.76 | 24.67 | 17.99 |
| KAR FOODGRAINS | 20 | 10.92 | 15.43 | 17.81 | 19.46 | 20.91 | 23.01 | 25.19 | 27.40 | 29.23 | 29.29 | 21.36 |
| KAR FOODGRAINS | 21 | 9.43 | 13.72 | 14.97 | 15.84 | 18.04 | 19.52 | 22.76 | 22.74 | 26.39 | 30.57 | 19.78 |
| KAR FOODGRAINS | 22 | 8.90 | 12.62 | 13.53 | 14.99 | 16.93 | 17.99 | 18.18 | 19.99 | 21.98 | 25.39 | 16.41 |
| KAR FOODGRAINS | 23 | 9.52 | 13.87 | 14.73 | 15.21 | 16.68 | 17.97 | 19.87 | 20.80 | 24.17 | 26.42 | 17.50 |
| KAR FOODGRAINS | 24 | 10.55 | 13.28 | 14.48 | 15.66 | 17.06 | 17.41 | 17.70 | 19.66 | 21.57 | 22.61 | 16.01 |
| KAR FOODGRAINS | 25 | 10.04 | 12.58 | 14.00 | 15.37 | 15.81 | 17.12 | 17.40 | 18.65 | 20.63 | 23.22 | 17.15 |
| KAR FOODGRAINS | 27 | 9.27 | 12.17 | 13.79 | 15.09 | 16.25 | 17.20 | 19.04 | 21.55 | 22.72 | 17.38 | 18.49 |
| KAR FOODGRAINS | 28 | 10.58 | 12.69 | 13.83 | 14.57 | 15.19 | 17.26 | 18.61 | 20.11 | 23.27 | 24.37 | 18.32 |
| KAR FOODGRAINS | 32 | 9.38 | 13.18 | 13.95 | 15.55 | 16.58 | 18.01 | 18.05 | 19.65 | 20.67 | 20.80 | 18.25 |
| KAR FOODGRAINS | 38 | 8.60 | 10.80 | 11.99 | 13.72 | 14.83 | 15.21 | 15.47 | 16.17 | 19.50 | 21.71 | 16.15 |

Page No.
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR 2 | | | | | | | | | | | | |
| KAR CEREALS | 17 | 13.11 | 17.46 | 21.46 | 23.76 | 24.93 | 25.16 | 27.28 | 30.91 | 31.26 | 41.16 | 23.82 |
| KAR CEREALS | 18 | 10.80 | 14.37 | 15.84 | 15.88 | 17.27 | 18.09 | 18.40 | 19.18 | 21.01 | 21.78 | 15.90 |
| KAR CEREALS | 20 | 10.56 | 14.69 | 16.87 | 18.51 | 19.83 | 21.77 | 24.01 | 25.93 | 27.41 | 27.45 | 20.22 |
| KAR CEREALS | 21 | 8.97 | 12.95 | 14.15 | 15.98 | 17.11 | 18.40 | 21.46 | 21.39 | 24.87 | 28.30 | 17.70 |
| KAR CEREALS | 22 | 8.93 | 12.57 | 13.42 | 14.91 | 16.73 | 17.57 | 17.69 | 19.45 | 21.29 | 24.50 | 16.06 |
| KAR CEREALS | 23 | 8.80 | 12.82 | 13.56 | 13.86 | 15.30 | 16.58 | 18.34 | 19.08 | 22.11 | 23.53 | 15.99 |
| KAR CEREALS | 24 | 9.84 | 12.32 | 13.41 | 14.39 | 15.68 | 15.90 | 16.20 | 18.00 | 19.62 | 20.24 | 14.65 |
| KAR CEREALS | 25 | 9.37 | 11.74 | 12.90 | 14.14 | 14.54 | 15.74 | 15.92 | 17.06 | 18.75 | 20.90 | 15.66 |
| KAR CEREALS | 27 | 9.11 | 11.84 | 13.35 | 14.61 | 15.67 | 16.59 | 18.24 | 20.65 | 21.61 | 16.64 | 17.66 |
| KAR CEREALS | 28 | 10.50 | 12.57 | 13.54 | 14.37 | 14.82 | 16.86 | 18.26 | 19.73 | 22.79 | 23.37 | 17.91 |
| KAR CEREALS | 32 | 9.08 | 12.65 | 13.21 | 14.26 | 15.63 | 16.54 | 16.86 | 18.11 | 18.91 | 18.67 | 17.03 |
| KAR CEREALS | 38 | 8.09 | 10.15 | 11.19 | 12.60 | 13.82 | 14.17 | 14.31 | 14.78 | 17.82 | 19.15 | 14.88 |

Page No. 3
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR 3 | | | | | | | | | | | | |
| KAR RICE & PR | 17 | 2.78 | 4.13 | 4.42 | 6.80 | 9.60 | 9.59 | 10.75 | 14.65 | 19.82 | 31.08 | 10.76 |
| KAR RICE & PR | 27 | 2.07 | 3.74 | 4.03 | 4.41 | 5.16 | 5.46 | 6.29 | 7.13 | 7.72 | 11.59 | 6.51 |
| KAR RICE & PR | 28 | 1.38 | 2.17 | 3.37 | 3.55 | 5.46 | 6.21 | 8.94 | 9.65 | 12.20 | 9.30 | 7.18 |
| KAR RICE & PR | 32 | 1.73 | 2.75 | 4.17 | 4.50 | 5.57 | 6.81 | 7.34 | 8.35 | 10.96 | 11.60 | 7.10 |

Page No. 4
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR 4 | | | | | | | | | | | | |
| KAR WHEAT & PR | 17 | 0.23 | 0.35 | 0.44 | 0.64 | 0.68 | 0.75 | 0.81 | 1.40 | 1.97 | 2.08 | 0.91 |
| KAR WHEAT & PR | 27 | 1.02 | 1.00 | 0.66 | 0.73 | 0.57 | 0.60 | 0.63 | 0.72 | 0.68 | 1.23 | 0.73 |
| KAR WHEAT & PR | 28 | 0.11 | 0.22 | 0.35 | 0.37 | 0.41 | 0.47 | 0.53 | 0.57 | 0.81 | 0.70 | 0.52 |
| KAR WHEAT & PR | 32 | 0.18 | 0.20 | 0.30 | 0.32 | 0.38 | 0.50 | 0.57 | 0.70 | 0.85 | 1.36 | 0.59 |

Page No. 5
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR 5 | | | | | | | | | | | | | |
| KAR | JAWAR & FR | 17 | 5.76 | 7.54 | 12.18 | 11.01 | 7.32 | 7.27 | 8.75 | 7.66 | 5.68 | 2.14 | 6.73 |
| KAR | JAWAR & FR | 27 | 3.42 | 3.48 | 4.27 | 4.68 | 5.05 | 5.34 | 5.16 | 5.84 | 5.43 | 1.77 | 4.67 |
| KAR | JAWAR & FR | 28 | 4.47 | 5.48 | 5.55 | 5.85 | 4.03 | 4.58 | 2.78 | 3.01 | 2.75 | 3.43 | 4.23 |
| KAR | JAWAR & FR | 32 | 4.80 | 6.72 | 5.90 | 6.37 | 6.24 | 6.01 | 5.42 | 5.29 | 4.40 | 2.95 | 5.81 |

Page No. 6
06/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR 6 | | | | | | | | | | | | | |
| KAR | BAJRA & FR | 17 | 0.05 | 0.07 | 0.02 | 0.03 | 0.11 | 0.21 | 0.21 | 0.09 | 0.19 | 0.00 | 0.10 |
| KAR | BAJRA & FR | 27 | 0.07 | 0.08 | 0.15 | 0.17 | 0.13 | 0.13 | 0.07 | 0.08 | 0.10 | 0.09 | 0.11 |
| KAR | BAJRA & FR | 28 | 0.36 | 0.28 | 0.55 | 0.58 | 0.63 | 0.71 | 0.34 | 0.37 | 0.29 | 0.02 | 0.43 |
| KAR | BAJRA & FR | 32 | 0.41 | 0.48 | 0.34 | 0.37 | 0.31 | 0.22 | 0.14 | 0.12 | 0.11 | 0.03 | 0.25 |

Page No.
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR 7 | | | | | | | | | | | | |
| KAR MAIZE & PR | 17 | 0.00 | 0.00 | 0.00 | 0.02 | 0.01 | 0.01 | 0.02 | 0.00 | 0.32 | 0.00 | 0.05 |
| KAR MAIZE & PR | 27 | 0.19 | 0.18 | 0.18 | 0.20 | 0.36 | 0.38 | 0.66 | 0.74 | 0.80 | 0.23 | 0.51 |
| KAR MAIZE & PR | 28 | 0.45 | 0.33 | 0.12 | 0.12 | 0.17 | 0.20 | 0.34 | 0.37 | 0.23 | 0.54 | 0.27 |
| KAR MAIZE & PR | 32 | 0.11 | 0.17 | 0.22 | 0.24 | 0.18 | 0.17 | 0.14 | 0.11 | 0.06 | 0.02 | 0.15 |

Page No.
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR 8 | | | | | | | | | | | | |
| KAR RAGI & PR | 17 | 3.29 | 4.00 | 2.68 | 2.84 | 5.54 | 5.56 | 5.11 | 5.74 | 3.46 | 5.10 | 4.02 |
| KAR RAGI & PR | 27 | 1.92 | 2.94 | 3.49 | 3.82 | 3.78 | 4.00 | 4.77 | 5.40 | 6.11 | 1.62 | 4.51 |
| KAR RAGI & PR | 28 | 2.37 | 2.76 | 2.26 | 2.38 | 2.77 | 3.16 | 4.00 | 4.32 | 5.04 | 7.94 | 3.82 |
| KAR RAGI & PR | 32 | 1.84 | 2.31 | 2.24 | 2.42 | 2.90 | 3.14 | 3.06 | 3.41 | 3.26 | 2.73 | 3.02 |

Page No.
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR 9 | | | | | | | | | | | | | |
| KAR | BARLEY &PR | 17 | 0.00 | 0.09 | 0.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 |
| KAR | BARLEY &PR | 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| KAR | BARLEY &PR | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| KAR | BARLEY &PR | 32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Page No. 10
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR10 | | | | | | | | | | | | | |
| KAR | SM. MILLET | 17 | 0.09 | 0.15 | 0.54 | 0.42 | 0.28 | 0.38 | 0.26 | 0.03 | 0.03 | 0.00 | 0.20 |
| KAR | SM. MILLET | 27 | 0.15 | 0.15 | 0.18 | 0.20 | 0.17 | 0.18 | 0.18 | 0.20 | 0.24 | 0.00 | 0.19 |
| KAR | SM. MILLET | 28 | 0.39 | 0.25 | 0.26 | 0.28 | 0.31 | 0.35 | 0.25 | 0.27 | 0.29 | 0.00 | 0.30 |
| KAR | SM. MILLET | 32 | 0.12 | 0.15 | 0.15 | 0.16 | 0.16 | 0.22 | 0.29 | 0.24 | 0.27 | 0.06 | 0.21 |

Page No. 11
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR11 | | | | | | | | | | | | |
| KAR GRAM | 17 | 0.00 | 0.03 | 0.03 | 0.02 | 0.12 | 0.10 | 0.07 | 0.09 | 0.01 | 0.15 | 0.06 |
| KAR GRAM | 20 | 0.01 | 0.00 | 0.01 | 0.01 | 0.03 | 0.02 | 0.01 | 0.03 | 0.04 | 0.05 | 0.03 |
| KAR GRAM | 21 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.03 | 0.03 | 0.03 | 0.01 | 0.04 | 0.01 |
| KAR GRAM | 22 | 0.00 | 0.01 | 0.03 | 0.04 | 0.02 | 0.03 | 0.05 | 0.05 | 0.06 | 0.04 | 0.03 |
| KAR GRAM | 23 | 0.00 | 0.00 | 0.02 | 0.02 | 0.04 | 0.07 | 0.08 | 0.13 | 0.14 | 0.32 | 0.08 |
| KAR GRAM | 24 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.02 | 0.03 | 0.03 | 0.04 | 0.04 | 0.03 |
| KAR GRAM | 25 | 0.05 | 0.02 | 0.03 | 0.06 | 0.06 | 0.07 | 0.05 | 0.06 | 0.05 | 0.09 | 0.05 |
| KAR GRAM | 27 | 0.00 | 0.02 | 0.01 | 0.01 | 0.03 | 0.03 | 0.04 | 0.05 | 0.05 | 0.21 | 0.05 |
| KAR GRAM | 28 | 0.00 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.04 | 0.16 | 0.03 |
| KAR GRAM | 32 | 0.04 | 0.05 | 0.07 | 0.08 | 0.09 | 0.11 | 0.13 | 0.15 | 0.16 | 0.26 | 0.12 |
| KAR GRAM | 38 | 0.05 | 0.05 | 0.07 | 0.08 | 0.09 | 0.09 | 0.11 | 0.15 | 0.18 | 0.30 | 0.12 |

Page No. 12
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR13 | | | | | | | | | | | | |
| KAR CEREAL SUB | 17 | 0.00 | 0.00 | 0.00 | 0.02 | 0.01 | 0.00 | 0.13 | 0.16 | 0.01 | 0.00 | 0.03 |
| KAR CEREAL SUB | 18 | 0.00 | 0.01 | 0.06 | 0.05 | 0.06 | 0.02 | 0.04 | 0.06 | 0.05 | 0.00 | 14.38 |
| KAR CEREAL SUB | 20 | 0.00 | 0.00 | 0.00 | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 |
| KAR CEREAL SUB | 21 | 0.13 | 0.11 | 0.10 | 0.01 | 0.00 | 0.09 | 0.10 | 0.09 | 0.00 | 0.00 | 0.05 |
| KAR CEREAL SUB | 22 | 0.00 | 0.03 | 0.02 | 0.02 | 0.02 | 0.01 | 0.00 | 0.00 | 0.00 | 0.02 | 0.01 |
| KAR CEREAL SUB | 23 | 0.01 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.38 | 0.04 |
| KAR CEREAL SUB | 24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.04 | 0.01 |
| KAR CEREAL SUB | 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.02 | 0.03 | 0.03 | 0.01 |
| KAR CEREAL SUB | 27 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 |
| KAR CEREAL SUB | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 |
| KAR CEREAL SUB | 32 | 0.01 | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | 0.01 | 0.02 | 0.03 | 0.01 | 0.02 |
| KAR CEREAL SUB | 38 | 0.01 | 0.03 | 0.02 | 0.01 | 0.02 | 0.02 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 |

Page No. 13
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR14 | | | | | | | | | | | | |
| KAR PULSE & PR | 17 | 1.44 | 1.99 | 2.54 | 6.29 | 6.55 | 3.61 | 3.61 | 3.82 | 4.31 | 6.05 | 3.20 |
| KAR PULSE & PR | 18 | 1.13 | 1.65 | 1.81 | 1.88 | 2.05 | 2.37 | 2.53 | 2.57 | 2.63 | 2.81 | 1.97 |
| KAR PULSE & PR | 20 | 0.51 | 0.94 | 1.14 | 1.17 | 1.29 | 1.49 | 1.49 | 1.77 | 2.11 | 2.12 | 1.37 |
| KAR PULSE & PR | 21 | 0.44 | 0.79 | 0.87 | 0.92 | 1.10 | 1.20 | 1.40 | 1.46 | 1.77 | 2.49 | 1.21 |
| KAR PULSE & PR | 22 | 0.43 | 0.65 | 0.71 | 0.76 | 0.97 | 1.19 | 1.24 | 1.36 | 1.57 | 1.90 | 1.05 |
| KAR PULSE & PR | 23 | 0.64 | 0.93 | 1.04 | 1.22 | 1.24 | 1.18 | 1.30 | 1.44 | 1.74 | 2.03 | 1.27 |
| KAR PULSE & PR | 24 | 0.66 | 0.91 | 1.01 | 1.22 | 1.33 | 1.46 | 1.44 | 1.60 | 1.88 | 2.27 | 1.30 |
| KAR PULSE & PR | 25 | 0.62 | 0.82 | 1.07 | 1.18 | 1.21 | 1.31 | 1.41 | 1.51 | 1.81 | 2.20 | 1.43 |
| KAR PULSE & PR | 27 | 0.38 | 0.58 | 0.72 | 0.79 | 0.89 | 0.94 | 1.13 | 1.28 | 1.49 | 0.88 | 1.13 |
| KAR PULSE & PR | 28 | 0.49 | 0.58 | 0.75 | 0.79 | 0.87 | 0.99 | 0.98 | 1.06 | 1.24 | 1.56 | 1.01 |
| KAR PULSE & PR | 32 | 0.57 | 0.89 | 1.06 | 1.14 | 1.31 | 1.45 | 1.53 | 1.83 | 2.02 | 2.23 | 1.56 |
| KAR PULSE & PR | 38 | 0.69 | 0.87 | 1.02 | 1.18 | 1.29 | 1.32 | 1.41 | 1.59 | 1.91 | 2.55 | 1.51 |

Page No. 14
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR15 | | | | | | | | | | | | |
| KAR MILK & PR | 17 | 1.73 | 1.99 | 1.70 | 2.90 | 3.68 | 4.04 | 4.14 | 3.72 | 5.44 | 8.20 | 3.79 |
| KAR MILK & PR | 18 | 0.76 | 1.23 | 1.61 | 1.82 | 1.99 | 2.49 | 2.91 | 3.10 | 3.46 | 4.44 | 2.21 |
| KAR MILK & PR | 20 | 0.24 | 0.67 | 1.03 | 1.22 | 1.63 | 2.02 | 2.20 | 2.67 | 3.15 | 6.40 | 1.99 |
| KAR MILK & PR | 21 | 0.45 | 0.81 | 1.04 | 1.26 | 1.74 | 2.29 | 2.67 | 2.65 | 3.19 | 4.60 | 2.02 |
| KAR MILK & PR | 22 | 0.25 | 0.37 | 0.56 | 0.90 | 1.28 | 1.69 | 2.16 | 2.38 | 3.45 | 4.06 | 1.82 |
| KAR MILK & PR | 23 | 0.32 | 0.47 | 0.85 | 1.46 | 2.08 | 2.36 | 2.61 | 2.86 | 2.97 | 6.04 | 2.17 |
| KAR MILK & PR | 24 | 0.56 | 0.77 | 1.07 | 1.41 | 1.53 | 1.83 | 1.94 | 2.15 | 2.59 | 4.72 | 1.75 |
| KAR MILK & PR | 25 | 0.37 | 0.61 | 0.93 | 1.24 | 1.63 | 1.77 | 2.50 | 2.69 | 3.58 | 6.34 | 2.59 |
| KAR MILK & PR | 27 | 0.43 | 0.76 | 1.07 | 1.17 | 1.33 | 1.40 | 1.68 | 1.90 | 2.36 | 3.07 | 1.77 |
| KAR MILK & PR | 28 | 0.55 | 0.59 | 0.89 | 0.94 | 1.17 | 1.33 | 1.62 | 1.75 | 2.20 | 2.67 | 1.54 |
| KAR MILK & PR | 32 | 0.53 | 0.83 | 1.32 | 1.42 | 1.83 | 2.25 | 2.63 | 3.36 | 3.92 | 5.24 | 2.60 |
| KAR MILK & PR | 38 | 0.95 | 1.26 | 1.50 | 1.84 | 2.19 | 2.24 | 2.37 | 2.79 | 3.37 | 6.03 | 2.63 |

Page No. 15
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR16 | | | | | | | | | | | | | |
| KAR | EDIBLE OIL | 17 | 0.53 | 0.84 | 1.17 | 1.14 | 1.10 | 1.13 | 1.59 | 1.61 | 1.77 | 4.67 | 1.53 |
| KAR | EDIBLE OIL | 20 | 0.31 | 0.63 | 0.69 | 0.70 | 0.82 | 0.97 | 1.03 | 1.01 | 1.04 | 1.34 | 0.83 |
| KAR | EDIBLE OIL | 21 | 0.28 | 0.72 | 0.77 | 0.87 | 1.01 | 1.03 | 1.20 | 1.22 | 1.36 | 2.42 | 1.05 |
| KAR | EDIBLE OIL | 22 | 0.42 | 0.53 | 0.54 | 0.62 | 0.71 | 0.81 | 0.97 | 1.06 | 1.29 | 1.53 | 0.83 |
| KAR | EDIBLE OIL | 23 | 0.35 | 0.50 | 0.58 | 0.67 | 0.94 | 1.03 | 1.14 | 1.07 | 1.06 | 2.36 | 0.92 |
| KAR | EDIBLE OIL | 24 | 0.49 | 0.62 | 0.77 | 0.95 | 1.03 | 1.03 | 1.08 | 1.20 | 1.44 | 1.89 | 0.99 |
| KAR | EDIBLE OIL | 25 | 0.37 | 0.54 | 0.66 | 0.78 | 0.86 | 0.93 | 0.95 | 1.02 | 1.12 | 1.63 | 0.96 |
| KAR | EDIBLE OIL | 27 | 0.39 | 0.55 | 0.63 | 0.69 | 0.79 | 0.83 | 0.98 | 1.11 | 1.24 | 1.42 | 1.01 |
| KAR | EDIBLE OIL | 28 | 0.45 | 0.55 | 0.68 | 0.72 | 0.77 | 0.88 | 0.92 | 0.99 | 1.17 | 1.63 | 0.94 |
| KAR | EDIBLE OIL | 32 | 0.44 | 0.67 | 0.78 | 0.84 | 0.93 | 1.06 | 1.18 | 1.39 | 1.48 | 2.08 | 1.18 |
| KAR | EDIBLE OIL | 38 | 0.63 | 0.80 | 0.91 | 1.07 | 1.19 | 1.22 | 1.26 | 1.36 | 1.64 | 2.66 | 1.37 |

Page No. 16
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR17 | | | | | | | | | | | | | |
| KAR | MEAT,EGG,F | 17 | 0.57 | 0.68 | 0.87 | 0.83 | 0.88 | 1.00 | 1.71 | 2.34 | 2.87 | 2.00 | 1.47 |
| KAR | MEAT,EGG,F | 20 | 0.10 | 0.25 | 0.26 | 0.31 | 0.35 | 0.58 | 0.72 | 0.77 | 1.09 | 2.37 | 0.64 |
| KAR | MEAT,EGG,F | 21 | 0.20 | 0.46 | 0.47 | 0.45 | 0.67 | 0.60 | 0.70 | 0.75 | 1.13 | 1.53 | 0.68 |
| KAR | MEAT,EGG,F | 22 | 0.11 | 0.24 | 0.37 | 0.42 | 0.46 | 0.55 | 0.65 | 0.72 | 1.08 | 1.68 | 0.66 |
| KAR | MEAT,EGG,F | 23 | 0.24 | 0.36 | 0.34 | 0.36 | 0.44 | 0.70 | 0.77 | 1.09 | 1.18 | 1.87 | 0.72 |
| KAR | MEAT,EGG,F | 24 | 0.26 | 0.45 | 0.49 | 0.52 | 0.57 | 0.92 | 1.20 | 1.33 | 1.40 | 2.21 | 0.88 |
| KAR | MEAT,EGG,F | 25 | 0.27 | 0.35 | 0.47 | 0.66 | 0.76 | 0.82 | 0.90 | 0.97 | 1.24 | 1.47 | 0.90 |
| KAR | MEAT,EGG,F | 27 | 0.20 | 0.36 | 0.45 | 0.49 | 0.56 | 0.59 | 0.68 | 0.77 | 1.08 | 1.73 | 0.76 |
| KAR | MEAT,EGG,F | 28 | 0.12 | 0.27 | 0.34 | 0.36 | 0.66 | 0.75 | 0.94 | 1.01 | 0.97 | 1.93 | 0.73 |
| KAR | MEAT,EGG,F | 32 | 0.33 | 0.45 | 0.56 | 0.61 | 0.75 | 0.91 | 1.02 | 1.17 | 1.42 | 1.98 | 1.02 |
| KAR | MEAT,EGG,F | 38 | 0.28 | 0.41 | 0.56 | 0.69 | 0.86 | 0.89 | 1.04 | 1.25 | 1.51 | 2.42 | 1.07 |

Page No. 17
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR18 | | | | | | | | | | | | | |
| KAR | VEG,FR,NUT | 20 | 0.45 | 0.59 | 0.74 | 0.87 | 1.04 | 1.26 | 1.65 | 2.13 | 2.53 | 4.03 | 1.48 |
| KAR | VEG,FR,NUT | 21 | 0.60 | 0.71 | 0.88 | 1.12 | 1.43 | 1.49 | 1.73 | 1.84 | 2.31 | 4.30 | 1.59 |
| KAR | VEG,FR,NUT | 22 | 0.49 | 0.67 | 0.84 | 0.98 | 1.03 | 1.22 | 1.52 | 1.67 | 2.27 | 3.48 | 1.43 |
| KAR | VEG,FR,NUT | 23 | 0.48 | 0.69 | 0.84 | 1.10 | 1.27 | 1.39 | 1.53 | 1.80 | 2.07 | 3.65 | 1.48 |
| KAR | VEG,FR,NUT | 24 | 0.78 | 0.97 | 1.03 | 1.28 | 1.40 | 1.70 | 1.89 | 2.09 | 2.45 | 4.18 | 1.66 |
| KAR | VEG,FR,NUT | 25 | 0.69 | 0.92 | 1.07 | 1.19 | 1.43 | 1.54 | 1.90 | 2.03 | 2.49 | 3.75 | 1.90 |
| KAR | VEG,FR,NUT | 27 | 0.64 | 0.98 | 1.16 | 1.27 | 1.38 | 1.46 | 1.74 | 1.97 | 2.22 | 2.91 | 1.78 |
| KAR | VEG,FR,NUT | 28 | 0.66 | 0.90 | 1.02 | 1.07 | 1.28 | 1.46 | 1.70 | 1.84 | 2.31 | 3.20 | 1.72 |
| KAR | VEG,FR,NUT | 32 | 0.94 | 1.36 | 1.56 | 1.68 | 1.91 | 2.12 | 2.27 | 2.76 | 3.17 | 4.53 | 2.44 |
| KAR | VEG,FR,NUT | 38 | 1.10 | 1.35 | 1.53 | 1.89 | 2.23 | 2.29 | 2.56 | 3.01 | 3.64 | 5.63 | 2.73 |

Page No. 18
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR21 | | | | | | | | | | | | | |
| KAR | SUGAR | 17 | 0.52 | 0.84 | 1.03 | 1.38 | 1.62 | 1.62 | 1.96 | 2.30 | 2.71 | 5.42 | 1.84 |
| KAR | SUGAR | 20 | 0.24 | 0.62 | 0.74 | 0.74 | 0.90 | 1.09 | 1.17 | 1.24 | 1.33 | 1.73 | 0.94 |
| KAR | SUGAR | 21 | 0.41 | 0.66 | 0.78 | 0.81 | 1.03 | 1.33 | 1.55 | 1.69 | 2.19 | 3.11 | 1.33 |
| KAR | SUGAR | 22 | 0.50 | 0.83 | 0.94 | 1.02 | 1.05 | 1.30 | 1.60 | 1.76 | 2.15 | 3.19 | 1.39 |
| KAR | SUGAR | 23 | 0.41 | 0.60 | 0.67 | 0.92 | 1.17 | 1.25 | 1.38 | 1.76 | 1.97 | 4.53 | 1.44 |
| KAR | SUGAR | 24 | 0.44 | 0.59 | 0.67 | 0.88 | 0.95 | 1.07 | 1.12 | 1.25 | 1.45 | 2.15 | 0.98 |
| KAR | SUGAR | 25 | 0.36 | 0.70 | 0.82 | 0.96 | 1.12 | 1.21 | 1.39 | 1.49 | 1.78 | 2.17 | 1.31 |
| KAR | SUGAR | 27 | 0.28 | 0.42 | 0.54 | 0.59 | 0.66 | 0.70 | 0.80 | 0.90 | 1.02 | 1.61 | 0.81 |
| KAR | SUGAR | 28 | 0.30 | 0.41 | 0.55 | 0.58 | 0.64 | 0.73 | 0.82 | 0.88 | 1.13 | 1.24 | 0.80 |
| KAR | SUGAR | 32 | 0.51 | 0.73 | 0.85 | 0.92 | 1.05 | 1.21 | 1.31 | 1.60 | 1.79 | 2.03 | 1.33 |
| KAR | SUGAR | 38 | 0.65 | 0.82 | 0.92 | 1.06 | 1.19 | 1.22 | 1.30 | 1.42 | 1.71 | 2.41 | 1.37 |

Page No. 19
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR22 | | | | | | | | | | | | | |
| KAR | SALT,SPICE | 17 | 0.11 | 0.13 | 0.17 | 0.16 | 0.17 | 0.18 | 0.20 | 0.22 | 0.21 | 0.30 | 0.17 |
| KAR | SALT,SPICE | 20 | 1.04 | 1.38 | 1.56 | 1.70 | 1.77 | 1.99 | 2.12 | 2.28 | 2.56 | 2.65 | 1.85 |
| KAR | SALT,SPICE | 21 | 1.14 | 1.47 | 1.59 | 1.77 | 2.02 | 2.15 | 2.51 | 2.47 | 2.85 | 3.44 | 2.08 |
| KAR | SALT,SPICE | 22 | 0.97 | 1.31 | 1.29 | 1.44 | 1.62 | 1.74 | 1.86 | 2.05 | 2.28 | 2.78 | 1.66 |
| KAR | SALT,SPICE | 23 | 0.92 | 1.34 | 1.41 | 1.53 | 1.70 | 1.84 | 2.03 | 2.07 | 2.19 | 2.39 | 1.70 |
| KAR | SALT,SPICE | 24 | 1.25 | 1.64 | 1.87 | 1.91 | 2.08 | 2.11 | 2.15 | 2.38 | 2.61 | 2.81 | 1.97 |
| KAR | SALT,SPICE | 25 | 1.27 | 1.57 | 1.75 | 1.84 | 1.93 | 2.09 | 2.14 | 2.29 | 2.46 | 2.69 | 2.07 |
| KAR | SALT,SPICE | 27 | 0.92 | 1.18 | 1.32 | 1.44 | 1.50 | 1.59 | 1.71 | 1.93 | 1.98 | 2.38 | 1.69 |
| KAR | SALT,SPICE | 28 | 0.81 | 0.95 | 1.07 | 1.13 | 1.23 | 1.39 | 1.38 | 1.49 | 1.59 | 2.02 | 1.38 |
| KAR | SALT,SPICE | 32 | 1.16 | 1.62 | 1.59 | 1.72 | 1.85 | 1.97 | 1.96 | 2.12 | 2.29 | 2.43 | 2.06 |
| KAR | SALT,SPICE | 38 | 0.76 | 0.96 | 1.07 | 1.18 | 1.26 | 1.29 | 1.35 | 1.43 | 1.72 | 1.95 | 1.40 |

Page No. 20
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR25 | | | | | | | | | | | | | |
| KAR | BEV,REF. | 20 | 0.34 | 0.48 | 0.54 | 0.67 | 0.72 | 1.22 | 1.50 | 1.40 | 1.74 | 3.44 | 1.14 |
| KAR | BEV,REF. | 21 | 0.53 | 0.51 | 0.56 | 0.91 | 1.19 | 1.46 | 1.71 | 1.89 | 2.55 | 3.51 | 1.48 |
| KAR | BEV,REF. | 22 | 0.60 | 0.44 | 0.64 | 0.73 | 0.83 | 0.97 | 1.32 | 1.46 | 2.25 | 4.41 | 1.40 |
| KAR | BEV,REF. | 23 | 0.50 | 0.73 | 1.04 | 0.99 | 0.64 | 0.95 | 1.05 | 1.50 | 1.56 | 6.06 | 1.46 |
| KAR | BEV,REF. | 24 | 0.35 | 0.50 | 0.60 | 0.76 | 0.83 | 1.16 | 1.42 | 1.58 | 2.05 | 3.86 | 1.26 |
| KAR | BEV,REF. | 25 | 0.45 | 0.61 | 0.69 | 0.91 | 1.12 | 1.21 | 1.39 | 1.49 | 1.78 | 3.75 | 1.56 |
| KAR | BEV,REF. | 27 | 0.34 | 0.50 | 0.65 | 0.71 | 0.83 | 0.88 | 1.01 | 1.14 | 1.40 | 3.04 | 1.14 |
| KAR | BEV,REF. | 28 | 0.34 | 0.50 | 0.52 | 0.55 | 0.86 | 0.96 | 1.21 | 1.31 | 1.46 | 1.87 | 1.08 |
| KAR | BEV,REF. | 32 | 0.51 | 0.75 | 0.91 | 0.96 | 1.13 | 1.31 | 1.48 | 1.86 | 2.23 | 3.44 | 1.60 |
| KAR | BEV,REF. | 38 | 0.70 | 0.92 | 1.05 | 1.24 | 1.47 | 1.51 | 1.86 | 2.34 | 2.82 | 5.15 | 2.08 |

Page No. -21
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR26 | | | | | | | | | | | | |
| KAR OTHER FOOD | 17 | 4.60 | 6.44 | 7.36 | 7.77 | 9.07 | 10.70 | 11.73 | 12.08 | 16.17 | 27.41 | 10.94 |
| KAR OTHER FOOD | 18 | 3.62 | 4.78 | 5.64 | 7.02 | 7.67 | 8.96 | 9.86 | 11.61 | 14.17 | 21.71 | 8.79 |

Page No. 22
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR27 | | | | | | | | | | | | |
| KAR TOTAL FOOD | 17 | 21.51 | 28.90 | 34.42 | 37.63 | 42.23 | 44.60 | 49.52 | 54.24 | 61.19 | 90.31 | 44.25 |
| KAR TOTAL FOOD | 18 | 16.58 | 22.39 | 25.31 | 26.94 | 29.41 | 32.29 | 34.07 | 36.86 | 41.70 | 51.06 | 29.25 |
| KAR TOTAL FOOD | 20 | 14.18 | 20.79 | 24.18 | 26.57 | 29.07 | 33.14 | 36.69 | 40.10 | 43.52 | 52.29 | 31.16 |
| KAR TOTAL FOOD | 21 | 13.62 | 19.92 | 21.98 | 23.96 | 26.14 | 30.90 | 36.03 | 36.44 | 43.32 | 54.92 | 30.02 |
| KAR TOTAL FOOD | 22 | 13.24 | 18.23 | 20.06 | 22.78 | 25.76 | 28.20 | 30.09 | 33.08 | 38.73 | 48.55 | 27.24 |
| KAR TOTAL FOOD | 23 | 13.10 | 19.08 | 21.00 | 22.74 | 25.45 | 28.07 | 31.04 | 33.59 | 37.96 | 53.79 | 27.93 |
| KAR TOTAL FOOD | 24 | 14.94 | 19.16 | 21.34 | 23.72 | 25.84 | 27.55 | 28.82 | 32.00 | 35.91 | 44.52 | 25.82 |
| KAR TOTAL FOOD | 25 | 13.82 | 17.88 | 20.40 | 22.96 | 24.64 | 26.69 | 28.57 | 30.62 | 35.07 | 45.02 | 26.44 |
| KAR TOTAL FOOD | 27 | 13.24 | 17.96 | 20.82 | 22.75 | 24.75 | 26.19 | 29.33 | 33.21 | 36.11 | 35.65 | 29.12 |
| KAR TOTAL FOOD | 28 | 14.36 | 17.60 | 19.76 | 20.83 | 22.79 | 25.93 | 28.42 | 30.71 | 35.67 | 40.83 | 27.73 |
| KAR TOTAL FOOD | 32 | 13.79 | 19.55 | 21.46 | 23.15 | 25.96 | 28.74 | 29.81 | 33.81 | 36.86 | 42.52 | 30.42 |
| KAR TOTAL FOOD | 38 | 13.56 | 17.19 | 19.43 | 22.60 | 25.14 | 25.78 | 27.21 | 29.82 | 35.97 | 48.25 | 28.78 |

Page No. 23
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR30 | | | | | | | | | | | | | |
| KAR | TOTAL EXP. | 17 | 26.08 | 34.96 | 42.99 | 48.85 | 54.60 | 58.86 | 67.01 | 75.82 | 91.42 | 191.59 | 65.50 |
| KAR | TOTAL EXP. | 18 | 20.77 | 27.98 | 32.35 | 35.61 | 38.87 | 43.13 | 46.17 | 51.96 | 61.79 | 99.24 | 41.73 |
| KAR | TOTAL EXP. | 20 | 17.11 | 24.91 | 29.28 | 32.53 | 35.60 | 40.68 | 46.04 | 51.74 | 59.19 | 93.12 | 41.16 |
| KAR | TOTAL EXP. | 21 | 16.44 | 24.14 | 26.82 | 29.03 | 34.56 | 38.49 | 44.88 | 45.95 | 56.75 | 85.43 | 39.18 |
| KAR | TOTAL EXP. | 22 | 16.43 | 22.68 | 25.42 | 28.73 | 31.74 | 35.73 | 39.66 | 43.61 | 53.56 | 84.87 | 37.83 |
| KAR | TOTAL EXP. | 23 | 16.22 | 23.63 | 25.69 | 27.96 | 31.83 | 35.06 | 38.78 | 42.74 | 50.47 | 95.19 | 38.10 |
| KAR | TOTAL EXP. | 24 | 18.72 | 23.84 | 26.74 | 29.69 | 32.34 | 35.04 | 38.71 | 42.99 | 51.69 | 75.27 | 35.46 |
| KAR | TOTAL EXP. | 25 | 17.12 | 22.22 | 25.20 | 28.81 | 31.62 | 34.25 | 37.49 | 40.18 | 48.61 | 71.94 | 39.44 |
| KAR | TOTAL EXP. | 27 | 16.31 | 22.42 | 26.17 | 28.64 | 31.26 | 33.09 | 37.75 | 42.74 | 48.57 | 77.36 | 39.80 |
| KAR | TOTAL EXP. | 28 | 16.95 | 21.05 | 23.60 | 24.88 | 27.59 | 31.39 | 35.34 | 38.18 | 45.99 | 75.95 | 36.12 |
| KAR | TOTAL EXP. | 32 | 17.57 | 24.84 | 28.11 | 30.33 | 34.38 | 39.05 | 41.36 | 48.10 | 56.10 | 90.95 | 44.58 |
| KAR | TOTAL EXP. | 38 | 17.88 | 22.87 | 25.75 | 30.03 | 34.00 | 34.87 | 38.12 | 44.40 | 53.55 | 87.77 | 42.07 |

Page No. 24
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAR31 | | | | | | | | | | | | | |
| KAR | NON FOOD | 17 | 4.57 | 6.06 | 8.57 | 11.22 | 12.36 | 14.26 | 17.49 | 21.58 | 30.24 | 101.28 | 21.25 |
| KAR | NON FOOD | 18 | 4.19 | 5.59 | 7.04 | 8.67 | 9.47 | 10.84 | 12.10 | 15.10 | 20.09 | 48.17 | 12.48 |
| KAR | NON FOOD | 20 | 2.93 | 4.11 | 5.10 | 5.96 | 6.53 | 7.74 | 9.35 | 11.63 | 15.27 | 40.83 | 10.00 |
| KAR | NON FOOD | 21 | 2.81 | 4.22 | 4.84 | 5.07 | 6.42 | 7.59 | 8.85 | 9.51 | 13.43 | 30.52 | 9.16 |
| KAR | NON FOOD | 22 | 3.19 | 4.45 | 5.33 | 5.94 | 5.98 | 7.53 | 9.58 | 10.53 | 14.83 | 36.31 | 10.59 |
| KAR | NON FOOD | 23 | 3.12 | 4.55 | 4.69 | 5.22 | 6.38 | 7.00 | 7.74 | 9.14 | 12.51 | 41.40 | 10.17 |
| KAR | NON FOOD | 24 | 3.78 | 4.67 | 4.91 | 5.97 | 6.51 | 7.48 | 9.89 | 10.99 | 15.98 | 30.75 | 9.64 |
| KAR | NON FOOD | 25 | 3.30 | 4.34 | 4.80 | 5.85 | 6.98 | 7.56 | 8.92 | 9.56 | 13.54 | 26.92 | 11.00 |
| KAR | NON FOOD | 27 | 3.07 | 4.45 | 5.34 | 5.85 | 6.52 | 6.90 | 8.42 | 9.53 | 12.46 | 41.70 | 10.69 |
| KAR | NON FOOD | 28 | 2.59 | 3.45 | 3.84 | 4.04 | 4.79 | 5.45 | 6.92 | 7.47 | 10.32 | 35.12 | 8.39 |
| KAR | NON FOOD | 32 | 3.79 | 5.29 | 6.65 | 7.18 | 8.42 | 10.31 | 11.55 | 14.30 | 19.22 | 48.44 | 14.16 |
| KAR | NON FOOD | 38 | 4.32 | 5.68 | 6.32 | 7.43 | 8.86 | 9.09 | 10.91 | 14.58 | 17.58 | 39.52 | 13.29 |

Page No. 25
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU 1 | | | | | | | | | | | | | |
| KAU | FOODGRAINS | 17 | 11.28 | 15.56 | 16.01 | 17.74 | 19.38 | 21.19 | 23.62 | 26.56 | 26.29 | 22.81 | 18.64 |
| KAU | FOODGRAINS | 18 | 8.11 | 12.11 | 13.65 | 15.08 | 15.18 | 16.51 | 15.42 | 17.58 | 16.44 | 12.84 | 13.53 |
| KAU | FOODGRAINS | 20 | 11.38 | 13.97 | 13.95 | 14.93 | 16.53 | 17.94 | 18.70 | 18.97 | 18.69 | 17.83 | 15.82 |
| KAU | FOODGRAINS | 21 | 8.83 | 10.89 | 12.05 | 13.20 | 13.29 | 15.11 | 16.14 | 16.53 | 15.17 | 15.55 | 13.34 |
| KAU | FOODGRAINS | 22 | 7.36 | 10.52 | 11.99 | 12.12 | 13.42 | 14.23 | 16.72 | 16.64 | 16.68 | 16.04 | 12.84 |
| KAU | FOODGRAINS | 23 | 8.71 | 11.61 | 12.20 | 13.66 | 15.26 | 17.51 | 17.66 | 16.38 | 13.10 | 20.88 | 15.55 |
| KAU | FOODGRAINS | 24 | 8.94 | 10.90 | 12.94 | 13.25 | 14.85 | 15.09 | 13.98 | 16.47 | 13.40 | 21.96 | 13.35 |
| KAU | FOODGRAINS | 25 | 9.84 | 11.96 | 12.73 | 13.37 | 15.74 | 16.05 | 17.53 | 17.09 | 13.24 | 22.77 | 14.48 |
| KAU | FOODGRAINS | 27 | 9.35 | 10.92 | 12.41 | 14.11 | 14.27 | 15.23 | 14.85 | 16.84 | 17.03 | 9.72 | 13.84 |
| KAU | FOODGRAINS | 28 | 9.68 | 11.71 | 13.55 | 14.00 | 13.78 | 14.99 | 16.53 | 16.92 | 15.41 | 14.51 | 15.06 |
| KAU | FOODGRAINS | 32 | 9.96 | 12.41 | 14.10 | 14.44 | 15.76 | 15.81 | 15.73 | 15.92 | 16.74 | 20.10 | 15.89 |
| KAU | FOODGRAINS | 38 | 8.82 | 10.36 | 11.51 | 11.92 | 12.66 | 14.79 | 14.96 | 15.63 | 12.07 | 20.15 | 13.94 |

Page No. 26
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU 2 | | | | | | | | | | | | | |
| KAU | CEREALS | 17 | 9.76 | 13.39 | 13.84 | 15.11 | 16.37 | 18.11 | 20.32 | 22.25 | 21.46 | 19.12 | 15.82 |
| KAU | CEREALS | 18 | 6.94 | 10.35 | 11.88 | 13.13 | 13.11 | 14.56 | 13.65 | 15.57 | 13.91 | 10.29 | 11.71 |
| KAU | CEREALS | 20 | 10.69 | 13.29 | 13.07 | 13.82 | 15.31 | 16.69 | 17.23 | 17.13 | 16.73 | 15.82 | 14.57 |
| KAU | CEREALS | 21 | 8.15 | 10.13 | 11.28 | 12.25 | 12.21 | 13.89 | 14.73 | 14.90 | 13.45 | 13.62 | 12.15 |
| KAU | CEREALS | 22 | 7.03 | 10.10 | 11.64 | 11.67 | 12.79 | 13.60 | 15.99 | 15.86 | 15.78 | 14.71 | 12.19 |
| KAU | CEREALS | 23 | 7.93 | 10.50 | 10.94 | 12.27 | 13.73 | 15.75 | 15.77 | 14.36 | 11.37 | 18.05 | 13.75 |
| KAU | CEREALS | 24 | 8.16 | 9.91 | 11.81 | 11.97 | 13.42 | 13.52 | 12.40 | 14.61 | 11.62 | 19.04 | 11.91 |
| KAU | CEREALS | 25 | 8.92 | 10.73 | 11.33 | 11.88 | 13.98 | 14.26 | 15.58 | 15.06 | 11.30 | 19.44 | 12.71 |
| KAU | CEREALS | 27 | 7.92 | 10.37 | 11.78 | 13.39 | 13.41 | 14.31 | 13.70 | 15.53 | 15.43 | 7.34 | 12.75 |
| KAU | CEREALS | 28 | 9.42 | 11.34 | 13.12 | 13.41 | 13.13 | 14.28 | 15.75 | 16.02 | 14.29 | 13.11 | 14.26 |
| KAU | CEREALS | 32 | 9.42 | 11.64 | 13.13 | 13.24 | 14.45 | 14.27 | 14.04 | 14.02 | 14.63 | 17.22 | 14.25 |
| KAU | CEREALS | 38 | 8.02 | 9.47 | 10.56 | 10.84 | 11.45 | 13.37 | 13.36 | 13.79 | 10.29 | 17.17 | 12.40 |

Page No. 27
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU 3 | | | | | | | | | | | | |
| KAU RICE & PR | 17 | 3.30 | 4.84 | 7.04 | 8.16 | 9.80 | 12.65 | 14.54 | 15.62 | 14.71 | 15.24 | 9.75 |
| KAU RICE & PR | 27 | 3.44 | 4.62 | 5.88 | 6.69 | 7.66 | 8.18 | 8.74 | 9.91 | 10.46 | 5.77 | 7.64 |
| KAU RICE & PR | 28 | 3.66 | 5.51 | 6.38 | 6.64 | 7.97 | 8.67 | 9.56 | 11.26 | 10.59 | 9.41 | 8.68 |
| KAU RICE & PR | 32 | 4.08 | 5.90 | 7.17 | 7.70 | 8.41 | 8.66 | 9.04 | 9.39 | 10.40 | 12.74 | 8.83 |

Page No. 28
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU 4 | | | | | | | | | | | | |
| KAU WHEAT & PR | 17 | 0.45 | 1.05 | 1.42 | 1.36 | 1.05 | 1.23 | 1.17 | 1.44 | 2.45 | 2.34 | 1.28 |
| KAU WHEAT & PR | 27 | 0.64 | 0.69 | 0.81 | 0.93 | 1.01 | 1.08 | 1.16 | 1.32 | 1.50 | 1.15 | 1.14 |
| KAU WHEAT & PR | 28 | 0.44 | 0.50 | 0.57 | 0.73 | 0.97 | 1.05 | 1.16 | 1.33 | 1.67 | 2.88 | 1.25 |
| KAU WHEAT & PR | 32 | 0.37 | 0.69 | 0.96 | 1.19 | 1.30 | 1.48 | 1.67 | 1.92 | 2.21 | 2.90 | 1.60 |

Page No. 29
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU 5 | | | | | | | | | | | | | |
| KAU | JAWAR & PR | 17 | 4.53 | 5.41 | 4.15 | 3.80 | 3.36 | 2.64 | 1.85 | 2.59 | 2.72 | 1.63 | 3.15 |
| KAU | JAWAR & PR | 27 | 2.35 | 3.37 | 3.30 | 3.76 | 3.00 | 3.20 | 2.35 | 2.66 | 2.04 | 0.27 | 2.49 |
| KAU | JAWAR & PR | 28 | 3.57 | 3.62 | 4.19 | 4.24 | 2.51 | 2.73 | 3.01 | 1.71 | 1.01 | 0.64 | 2.73 |
| KAU | JAWAR & PR | 32 | 3.67 | 3.24 | 3.26 | 2.93 | 3.20 | 2.56 | 1.82 | 1.53 | 1.21 | 0.86 | 2.44 |

Page No. 30
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU 6 | | | | | | | | | | | | | |
| KAU | BAJRA & PR | 17 | 0.00 | 0.02 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.05 | 0.02 |
| KAU | BAJRA & PR | 27 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 |
| KAU | BAJRA & PR | 28 | 0.00 | 0.12 | 0.14 | 0.16 | 0.04 | 0.05 | 0.05 | 0.00 | 0.01 | 0.00 | 0.05 |
| KAU | BAJRA & PR | 32 | 0.04 | 0.05 | 0.06 | 0.03 | 0.03 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.02 |

Page No. 31
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU 7 | | | | | | | | | | | | | |
| KAU | MAIZE & PR | 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| KAU | MAIZE & PR | 27 | 0.25 | 0.26 | 0.17 | 0.19 | 0.12 | 0.13 | 0.06 | 0.07 | 0.02 | 0.00 | 0.12 |
| KAU | MAIZE & PR | 28 | 0.13 | 0.10 | 0.11 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 |
| KAU | MAIZE & PR | 32 | 0.52 | 0.52 | 0.30 | 0.11 | 0.12 | 0.11 | 0.16 | 0.12 | 0.01 | 0.00 | 0.19 |

Page No. 32
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU 8 | | | | | | | | | | | | | |
| KAU | RAGI & PR | 17 | 1.09 | 1.57 | 0.94 | 1.43 | 1.75 | 1.34 | 2.37 | 2.23 | 1.39 | 0.00 | 1.34 |
| KAU | RAGI & PR | 27 | 1.05 | 1.12 | 1.32 | 1.51 | 1.37 | 1.47 | 1.22 | 1.38 | 1.29 | 0.21 | 1.18 |
| KAU | RAGI & PR | 28 | 1.01 | 0.79 | 0.92 | 0.85 | 1.10 | 1.20 | 1.32 | 1.22 | 0.74 | 0.13 | 0.97 |
| KAU | RAGI & PR | 32 | 0.77 | 1.24 | 1.40 | 1.33 | 1.46 | 1.50 | 1.35 | 1.07 | 0.85 | 0.74 | 1.20 |

Page No. 33
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU 9 | | | | | | | | | | | | | |
| KAU | BARLEY &PR | 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| KAU | BARLEY &PR | 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| KAU | BARLEY &PR | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| KAU | BARLEY &PR | 32 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |

Page No. 34
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU10 | | | | | | | | | | | | | |
| KAU | SM. MILLET | 17 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| KAU | SM. MILLET | 27 | 0.01 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 | 0.04 | 0.04 | 0.03 | 0.00 | 0.02 |
| KAU | SM. MILLET | 28 | 0.00 | 0.02 | 0.03 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 | 0.15 | 0.02 |
| KAU | SM. MILLET | 32 | 0.00 | 0.03 | 0.03 | 0.00 | 0.00 | 0.00 | 0.03 | 0.03 | 0.01 | 0.03 | 0.02 |

Page No. 35
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU11 | | | | | | | | | | | | | |
| KAU | GRAM | 17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.03 | 0.01 | 0.00 |
| KAU | GRAM | 20 | 0.03 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.03 | 0.05 | 0.01 | 0.01 |
| KAU | GRAM | 21 | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.02 | 0.03 | 0.01 |
| KAU | GRAM | 22 | 0.01 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.03 | 0.01 |
| KAU | GRAM | 23 | 0.06 | 0.01 | 0.02 | 0.11 | 0.11 | 0.13 | 0.08 | 0.28 | 0.30 | 0.47 | 0.33 |
| KAU | GRAM | 24 | 0.03 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 | 0.02 | 0.01 |
| KAU | GRAM | 25 | 0.00 | 0.06 | 0.07 | 0.03 | 0.03 | 0.00 | 0.00 | 0.03 | 0.03 | 0.04 | 0.03 |
| KAU | GRAM | 27 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.02 | 0.02 | 0.03 | 0.03 | 0.02 |
| KAU | GRAM | 28 | 0.03 | 0.03 | 0.04 | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 0.01 | 0.02 | 0.02 |
| KAU | GRAM | 32 | 0.04 | 0.06 | 0.07 | 0.09 | 0.10 | 0.12 | 0.14 | 0.16 | 0.18 | 0.26 | 0.14 |
| KAU | GRAM | 38 | 0.03 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 | 0.12 | 0.15 | 0.13 | 0.22 | 0.11 |

Page No. 36
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU13 | | | | | | | | | | | | | |
| KAU | CEREAL SUB | 17 | 0.04 | 0.07 | 0.12 | 0.08 | 0.03 | 0.02 | 0.02 | 0.01 | 0.04 | 0.00 | 0.04 |
| KAU | CEREAL SUB | 18 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| KAU | CEREAL SUB | 20 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| KAU | CEREAL SUB | 21 | 0.06 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| KAU | CEREAL SUB | 22 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.00 |
| KAU | CEREAL SUB | 23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 |
| KAU | CEREAL SUB | 24 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| KAU | CEREAL SUB | 25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| KAU | CEREAL SUB | 27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 |
| KAU | CEREAL SUB | 28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| KAU | CEREAL SUB | 32 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| KAU | CEREAL SUB | 38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Page No. 37
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU14 | | | | | | | | | | | | |
| KAU PULSE & PR | 17 | 1.32 | 1.88 | 1.81 | 2.33 | 2.80 | 2.82 | 2.98 | 4.06 | 4.66 | 3.49 | 2.57 |
| KAU PULSE & PR | 18 | 1.15 | 1.74 | 1.74 | 1.92 | 2.04 | 1.88 | 1.72 | 1.96 | 2.51 | 2.54 | 1.80 |
| KAU PULSE & PR | 20 | 0.78 | 0.85 | 1.03 | 1.26 | 1.40 | 1.43 | 1.65 | 1.96 | 2.06 | 2.14 | 1.39 |
| KAU PULSE & PR | 21 | 0.69 | 0.82 | 0.88 | 1.06 | 1.18 | 1.34 | 1.53 | 1.74 | 1.78 | 1.98 | 1.26 |
| KAU PULSE & PR | 22 | 0.62 | 0.84 | 0.87 | 0.96 | 1.14 | 1.18 | 1.39 | 1.42 | 1.50 | 1.78 | 1.13 |
| KAU PULSE & PR | 23 | 0.66 | 1.03 | 1.17 | 1.20 | 1.32 | 1.51 | 1.70 | 1.67 | 1.44 | 2.29 | 1.39 |
| KAU PULSE & PR | 24 | 0.75 | 0.98 | 1.12 | 1.27 | 1.42 | 1.55 | 1.56 | 1.84 | 1.76 | 2.89 | 1.42 |
| KAU PULSE & PR | 25 | 0.92 | 1.16 | 1.33 | 1.47 | 1.73 | 1.79 | 1.95 | 2.06 | 1.91 | 3.29 | 1.74 |
| KAU PULSE & PR | 27 | 0.58 | 0.75 | 0.86 | 0.98 | 1.10 | 1.17 | 1.35 | 1.53 | 1.78 | 1.36 | 1.27 |
| KAU PULSE & PR | 28 | 0.54 | 0.72 | 0.83 | 0.98 | 1.04 | 1.13 | 1.25 | 1.35 | 1.46 | 1.62 | 1.20 |
| KAU PULSE & PR | 32 | 0.79 | 1.04 | 1.26 | 1.42 | 1.55 | 1.71 | 1.81 | 1.95 | 2.12 | 2.77 | 1.77 |
| KAU PULSE & PR | 38 | 0.94 | 1.06 | 1.14 | 1.25 | 1.37 | 1.60 | 1.72 | 1.90 | 1.72 | 2.87 | 1.64 |

Page No. 38
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU15 | | | | | | | | | | | | |
| KAU MILK & PR | 17 | 1.14 | 2.17 | 2.55 | 2.45 | 2.45 | 3.50 | 4.81 | 6.86 | 8.74 | 10.57 | 4.09 |
| KAU MILK & PR | 18 | 1.12 | 1.88 | 1.93 | 2.13 | 2.23 | 2.95 | 3.82 | 4.36 | 5.39 | 11.22 | 3.43 |
| KAU MILK & PR | 20 | 0.67 | 0.85 | 1.49 | 2.26 | 2.51 | 3.06 | 3.88 | 5.20 | 6.25 | 9.01 | 3.38 |
| KAU MILK & PR | 21 | 0.84 | 1.28 | 1.30 | 1.57 | 2.21 | 2.52 | 3.44 | 4.84 | 6.17 | 9.63 | 3.27 |
| KAU MILK & PR | 22 | 0.53 | 0.62 | 0.93 | 1.35 | 1.89 | 2.49 | 2.93 | 3.79 | 4.95 | 7.61 | 2.82 |
| KAU MILK & PR | 23 | 0.55 | 1.46 | 1.39 | 1.67 | 2.22 | 2.54 | 3.11 | 4.22 | 5.83 | 9.25 | 3.21 |
| KAU MILK & PR | 24 | 0.79 | 1.05 | 1.56 | 2.35 | 2.63 | 3.50 | 4.59 | 5.41 | 6.57 | 10.76 | 3.50 |
| KAU MILK & PR | 25 | 0.72 | 1.13 | 1.67 | 2.26 | 2.65 | 3.22 | 3.51 | 4.42 | 5.49 | 9.45 | 3.63 |
| KAU MILK & PR | 27 | 0.70 | 1.06 | 1.51 | 1.71 | 2.28 | 2.44 | 3.34 | 3.79 | 5.21 | 7.61 | 3.50 |
| KAU MILK & PR | 28 | 0.91 | 1.09 | 1.26 | 1.59 | 2.51 | 2.73 | 3.01 | 3.74 | 4.79 | 6.73 | 3.35 |
| KAU MILK & PR | 32 | 1.02 | 1.52 | 1.99 | 2.58 | 2.81 | 3.51 | 4.36 | 5.42 | 6.90 | 11.32 | 4.61 |
| KAU MILK & PR | 38 | 1.25 | 1.70 | 2.00 | 2.46 | 2.96 | 3.45 | 4.07 | 5.12 | 7.18 | 11.98 | 4.47 |

Page No. 39
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU16 | | | | | | | | | | | | |
| KAU EDIBLE OIL | 17 | 0.68 | 0.81 | 0.79 | 0.99 | 1.07 | 1.48 | 1.61 | 1.97 | 2.78 | 2.12 | 1.29 |
| KAU EDIBLE OIL | 20 | 0.64 | 0.75 | 0.90 | 1.10 | 1.22 | 1.31 | 1.58 | 2.18 | 2.43 | 2.88 | 1.45 |
| KAU EDIBLE OIL | 21 | 0.83 | 0.97 | 0.97 | 1.17 | 1.36 | 1.54 | 1.76 | 2.15 | 2.48 | 3.52 | 1.63 |
| KAU EDIBLE OIL | 22 | 0.48 | 0.55 | 0.61 | 0.85 | 0.90 | 0.93 | 1.10 | 1.29 | 1.55 | 2.13 | 1.04 |
| KAU EDIBLE OIL | 23 | 0.59 | 0.79 | 0.92 | 1.05 | 1.24 | 1.42 | 1.56 | 1.48 | 1.64 | 2.60 | 1.32 |
| KAU EDIBLE OIL | 24 | 0.57 | 0.75 | 1.07 | 1.29 | 1.44 | 1.52 | 1.75 | 2.07 | 2.19 | 3.59 | 1.48 |
| KAU EDIBLE OIL | 25 | 0.51 | 0.75 | 0.99 | 1.22 | 1.43 | 1.64 | 1.79 | 1.96 | 1.90 | 3.26 | 1.55 |
| KAU EDIBLE OIL | 27 | 0.70 | 0.88 | 1.05 | 1.19 | 1.40 | 1.50 | 1.75 | 1.99 | 2.48 | 2.44 | 1.76 |
| KAU EDIBLE OIL | 28 | 0.72 | 0.88 | 1.02 | 1.10 | 1.20 | 1.30 | 1.43 | 1.71 | 2.08 | 3.31 | 1.59 |
| KAU EDIBLE OIL | 32 | 0.72 | 0.83 | 1.03 | 1.22 | 1.34 | 1.49 | 1.69 | 1.92 | 2.23 | 3.20 | 1.71 |
| KAU EDIBLE OIL | 38 | 0.97 | 1.13 | 1.29 | 1.46 | 1.58 | 1.84 | 1.94 | 2.19 | 2.67 | 4.45 | 2.03 |

Page No. 40
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU17 | | | | | | | | | | | | |
| KAU MEAT,EGG,F | 17 | 0.60 | 0.90 | 1.80 | 2.81 | 2.20 | 1.46 | 2.37 | 2.70 | 3.06 | 1.01 | 1.80 |
| KAU MEAT,EGG,F | 20 | 0.32 | 0.62 | 0.83 | 0.89 | 0.89 | 0.89 | 1.03 | 1.35 | 1.64 | 2.78 | 1.07 |
| KAU MEAT,EGG,F | 21 | 0.40 | 0.49 | 0.63 | 0.88 | 0.91 | 1.03 | 1.05 | 1.47 | 1.61 | 2.06 | 1.04 |
| KAU MEAT,EGG,F | 22 | 0.31 | 0.39 | 0.45 | 0.72 | 0.92 | 1.16 | 1.36 | 1.39 | 1.79 | 3.12 | 1.23 |
| KAU MEAT,EGG,F | 23 | 0.41 | 0.69 | 0.93 | 0.94 | 1.16 | 1.32 | 1.72 | 1.84 | 1.85 | 2.94 | 1.36 |
| KAU MEAT,EGG,F | 24 | 0.46 | 0.66 | 0.97 | 1.38 | 1.55 | 1.90 | 2.08 | 2.45 | 2.27 | 3.72 | 1.56 |
| KAU MEAT,EGG,F | 25 | 0.57 | 0.84 | 1.13 | 1.24 | 1.46 | 1.60 | 1.75 | 2.07 | 1.75 | 3.01 | 1.64 |
| KAU MEAT,EGG,F | 27 | 0.42 | 0.51 | 0.62 | 0.70 | 0.87 | 0.93 | 1.12 | 1.27 | 1.46 | 1.27 | 1.03 |
| KAU MEAT,EGG,F | 28 | 0.42 | 0.74 | 0.86 | 1.17 | 1.46 | 1.59 | 1.75 | 1.68 | 1.25 | 3.10 | 1.43 |
| KAU MEAT,EGG,F | 32 | 0.53 | 0.82 | 0.97 | 1.09 | 1.19 | 1.34 | 1.42 | 1.37 | 1.60 | 2.82 | 1.39 |
| KAU MEAT,EGG,F | 35 | 0.42 | 0.67 | 0.78 | 0.92 | 1.18 | 1.37 | 1.65 | 1.87 | 1.85 | 3.09 | 1.49 |

Page No. 41
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU18 | | | | | | | | | | | | | |
| KAU | VEG,FR,NUT | 20 | 0.72 | 1.19 | 1.48 | 1.60 | 1.77 | 1.91 | 2.36 | 3.09 | 3.41 | 5.59 | 2.23 |
| KAU | VEG,FR,NUT | 21 | 0.70 | 1.00 | 1.09 | 1.19 | 1.43 | 1.63 | 2.02 | 2.58 | 3.12 | 5.08 | 1.93 |
| KAU | VEG,FR,NUT | 22 | 0.55 | 0.66 | 0.95 | 1.21 | 1.29 | 1.60 | 1.88 | 2.28 | 2.77 | 4.42 | 1.80 |
| KAU | VEG,FR,NUT | 23 | 0.72 | 1.15 | 1.32 | 1.42 | 1.59 | 1.82 | 2.33 | 5.27 | 5.77 | 9.15 | 2.27 |
| KAU | VEG,FR,NUT | 24 | 0.83 | 1.22 | 1.55 | 1.87 | 2.09 | 2.46 | 2.79 | 3.28 | 3.97 | 6.50 | 2.45 |
| KAU | VEG,FR,NUT | 25 | 1.03 | 1.34 | 1.55 | 1.74 | 2.04 | 2.42 | 2.65 | 3.22 | 3.85 | 6.61 | 2.76 |
| KAU | VEG,FR,NUT | 27 | 0.87 | 1.11 | 1.32 | 1.50 | 1.80 | 1.92 | 2.35 | 2.66 | 3.40 | 4.89 | 2.50 |
| KAU | VEG,FR,NUT | 28 | 0.66 | 1.00 | 1.15 | 1.46 | 1.73 | 1.88 | 2.07 | 2.27 | 2.57 | 5.45 | 2.10 |
| KAU | VEG,FR,NUT | 32 | 1.16 | 1.50 | 1.83 | 2.04 | 2.22 | 2.49 | 2.79 | 3.25 | 3.92 | 6.67 | 3.05 |
| KAU | VEG,FR,NUT | 38 | 1.28 | 1.57 | 1.84 | 2.15 | 2.47 | 2.89 | 3.30 | 4.03 | 5.32 | 8.88 | 3.57 |

Page No. 42
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU21 | | | | | | | | | | | | | |
| KAU | SUGAR | 17 | 0.56 | 1.00 | 1.30 | 1.49 | 1.54 | 1.55 | 2.25 | 3.05 | 3.11 | 2.19 | 1.66 |
| KAU | SUGAR | 20 | 0.63 | 0.82 | 0.99 | 1.05 | 1.16 | 1.22 | 1.37 | 1.51 | 1.57 | 1.76 | 1.16 |
| KAU | SUGAR | 21 | 0.64 | 0.80 | 1.02 | 1.06 | 1.06 | 1.20 | 1.42 | 1.62 | 1.71 | 2.13 | 1.23 |
| KAU | SUGAR | 22 | 0.57 | 0.66 | 0.90 | 1.06 | 1.10 | 1.25 | 1.47 | 1.55 | 1.79 | 2.76 | 1.30 |
| KAU | SUGAR | 23 | 0.77 | 0.98 | 1.12 | 1.13 | 1.43 | 1.64 | 2.00 | 1.94 | 1.91 | 3.04 | 1.59 |
| KAU | SUGAR | 24 | 0.36 | 0.86 | 0.94 | 1.06 | 1.19 | 1.33 | 1.40 | 1.65 | 1.55 | 2.54 | 1.18 |
| KAU | SUGAR | 25 | 0.57 | 0.77 | 0.93 | 1.11 | 1.31 | 1.44 | 1.57 | 1.61 | 1.41 | 2.43 | 1.29 |
| KAU | SUGAR | 27 | 0.38 | 0.49 | 0.57 | 0.65 | 0.75 | 0.80 | 0.92 | 1.04 | 1.16 | 0.91 | 0.84 |
| KAU | SUGAR | 28 | 0.40 | 0.60 | 0.69 | 0.80 | 0.86 | 0.94 | 1.03 | 1.08 | 1.06 | 1.35 | 0.95 |
| KAU | SUGAR | 32 | 0.68 | 0.82 | 0.92 | 1.03 | 1.13 | 1.22 | 1.29 | 1.39 | 1.51 | 1.97 | 1.28 |
| KAU | SUGAR | 38 | 0.79 | 0.90 | 1.01 | 1.10 | 1.15 | 1.34 | 1.37 | 1.50 | 1.42 | 2.37 | 1.35 |

Page No. 43
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU22 | | | | | | | | | | | | | |
| KAU | SALT,SPICE | 17 | 0.08 | 0.10 | 0.10 | 0.11 | 0.10 | 0.11 | 0.14 | 0.14 | 0.13 | 0.10 | 0.10 |
| KAU | SALT,SPICE | 20 | 1.11 | 1.32 | 1.44 | 1.50 | 1.66 | 1.73 | 1.86 | 1.93 | 2.02 | 2.32 | 1.63 |
| KAU | SALT,SPICE | 21 | 1.13 | 1.43 | 1.55 | 1.58 | 1.67 | 1.90 | 2.09 | 2.10 | 2.00 | 2.40 | 1.74 |
| KAU | SALT,SPICE | 22 | 0.89 | 1.00 | 1.02 | 1.27 | 1.42 | 1.41 | 1.66 | 1.76 | 1.86 | 1.93 | 1.38 |
| KAU | SALT,SPICE | 23 | 0.99 | 1.17 | 1.49 | 1.48 | 1.38 | 1.59 | 1.62 | 1.59 | 1.44 | 2.28 | 1.48 |
| KAU | SALT,SPICE | 24 | 1.06 | 1.22 | 1.57 | 1.66 | 1.86 | 1.87 | 1.73 | 2.04 | 1.80 | 2.95 | 1.67 |
| KAU | SALT,SPICE | 25 | 1.07 | 1,37 | 1.49 | 1.62 | 1.91 | 2.00 | 2.19 | 2.13 | 1.83 | 3.15 | 1.84 |
| KAU | SALT,SPICE | 27 | 0.84 | 1.02 | 1.11 | 1.27 | 1.31 | 1.40 | 1.38 | 1.56 | 1.61 | 1.15 | 1.36 |
| KAU | SALT,SPICE | 28 | 0.77 | 0.94 | 1.09 | 1.14 | 1.12 | 1.22 | 1.35 | 1.39 | 1.31 | 1.75 | 1.28 |
| KAU | SALT,SPICE | 32 | 1.02 | 1.23 | 1.38 | 1.46 | 1.60 | 1.69 | 1.68 | 1.81 | 1.91 | 2.30 | 1.72 |
| KAU | SALT,SPICE | 38 | 0.78 | 0.96 | 1.04 | 1.10 | 1.16 | 1.36 | 1.35 | 1.46 | 1.26 | 2.11 | 1.32 |

Page No. 44
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU25 | | | | | | | | | | | | | |
| KAU | BEV,REF. | 20 | 0.63 | 0.95 | 1.48 | 1.71 | 1.89 | 2.19 | 2.98 | 4.75 | 6.56 | 16.37 | 3.86 |
| KAU | BEV,REF. | 21 | 0.69 | 1.01 | 1.16 | 1.60 | 1.89 | 2.15 | 2.54 | 3.45 | 6.00 | 12.98 | 3.19 |
| KAU | BEV,REF. | 22 | 0.47 | 0.77 | 1.26 | 1.39 | 2.16 | 2.64 | 3.10 | 3.31 | 5.76 | 15.48 | 3.86 |
| KAU | BEV,REF. | 23 | 0.42 | 0.90 | 1.32 | 1.68 | 2.02 | 2.31 | 3.04 | 3.66 | 10.57 | 16.77 | 4.54 |
| KAU | BEV,REF. | 24 | 0.83 | 1.45 | 1.71 | 2.35 | 2.63 | 3.53 | 4.15 | 4.89 | 9.72 | 15.93 | 4.42 |
| KAU | BEV,REF. | 25 | 1.28 | 1.21 | 1.44 | 2.07 | 2.43 | 2.94 | 3.21 | 3.76 | 8.71 | 14.98 | 4.85 |
| KAU | BEV,REF. | 27 | 0.95 | 1.07 | 1.20 | 1.36 | 1.62 | 1.73 | 2.33 | 2.61 | 3.92 | 13.19 | 3.47 |
| KAU | BEV,REF. | 28 | 0.62 | 1.07 | 1.24 | 1.33 | 1.66 | 1.81 | 2.09 | 2.72 | 5.06 | 10.09 | 3.05 |
| KAU | BEV,REF. | 32 | 1.09 | 1.29 | 1.55 | 1.93 | 2.10 | 2.44 | 2.65 | 3.30 | 4.82 | 12.34 | 3.73 |
| KAU | BEV,REF. | 38 | 0.89 | 1.49 | 1.73 | 1.93 | 2.64 | 3.08 | 4.38 | 5.52 | 7.34 | 12.25 | 4.44 |

Page No. 45
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU26 | | | | | | | | | | | | | |
| KAU | OTHER FOOD | 17 | 3.88 | 6.27 | 7.74 | 8.49 | 8.96 | 10.32 | 11.39 | 14.55 | 20.56 | 52.14 | 13.21 |
| KAU | OTHER FOOD | 18 | 4.64 | 5.85 | 7.71 | 8.51 | 9.08 | 10.69 | 11.98 | 13.66 | 22.03 | 31.79 | 11.88 |

Page No. 46
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU27 | | | | | | | | | | | | | |
| KAU | TOTAL FOOD | 17 | 17.01 | 25.05 | 28.55 | 31.86 | 33.11 | 37.01 | 43.32 | 51.93 | 60.20 | 87.43 | 38.32 |
| KAU | TOTAL FOOD | 18 | 13.98 | 19.98 | 23.46 | 25.91 | 28.69 | 30.51 | 31.29 | 35.69 | 43.84 | 55.30 | 28.90 |
| KAU | TOTAL FOOD | 20 | 16.62 | 21.12 | 23.16 | 25.49 | 28.24 | 30.87 | 34.31 | 39.31 | 42.70 | 57.80 | 30.96 |
| KAU | TOTAL FOOD | 21 | 14.54 | 18.43 | 20.41 | 22.90 | 24.37 | 27.72 | 31.01 | 35.11 | 38.11 | 52.12 | 27.67 |
| KAU | TOTAL FOOD | 22 | 11.95 | 16.31 | 19.32 | 21.10 | 23.58 | 26.26 | 30.87 | 33.32 | 37.77 | 52.36 | 26.95 |
| KAU | TOTAL FOOD | 23 | 13.42 | 19.12 | 21.04 | 23.44 | 26.76 | 30.69 | 33.56 | 36.82 | 42.24 | 67.03 | 31.73 |
| KAU | TOTAL FOOD | 24 | 14.02 | 18.29 | 22.49 | 25.29 | 28.35 | 31.22 | 32.36 | 38.12 | 40.96 | 67.11 | 29.54 |
| KAU | TOTAL FOOD | 25 | 15.59 | 19.36 | 21.93 | 24.62 | 26.98 | 31.31 | 34.20 | 36.27 | 38.18 | 65.67 | 32.09 |
| KAU | TOTAL FOOD | 27 | 13.55 | 18.02 | 20.91 | 23.76 | 25.63 | 27.35 | 29.43 | 33.36 | 37.94 | 41.44 | 29.63 |
| KAU | TOTAL FOOD | 28 | 14.81 | 18.87 | 21.84 | 23.65 | 25.42 | 27.65 | 30.49 | 32.89 | 34.89 | 50.06 | 30.12 |
| KAU | TOTAL FOOD | 32 | 16.18 | 20.42 | 23.74 | 25.76 | 28.12 | 29.96 | 31.55 | 34.25 | 39.53 | 60.85 | 33.34 |
| KAU | TOTAL FOOD | 38 | 15.12 | 18.75 | 21.18 | 23.06 | 25.88 | 30.23 | 33.20 | 37.66 | 39.56 | 66.01 | 32.82 |

Page No. 47
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU30 | | | | | | | | | | | | | |
| KAU | TOTAL EXP. | 17 | 21.18 | 32.31 | 36.81 | 41.90 | 45.75 | 53.58 | 61.90 | 75.79 | 93.76 | 159.70 | 57.15 |
| KAU | TOTAL EXP. | 18 | 18.43 | 26.09 | 30.59 | 33.79 | 38.20 | 44.58 | 49.29 | 56.22 | 69.05 | 127.96 | 46.39 |
| KAU | TOTAL EXP. | 20 | 20.17 | 26.26 | 29.60 | 33.13 | 36.71 | 41.22 | 46.47 | 59.45 | 67.49 | 113.07 | 46.27 |
| KAU | TOTAL EXP. | 21 | 16.17 | 23.62 | 26.42 | 30.07 | 32.55 | 37.03 | 41.93 | 50.00 | 55.09 | 94.34 | 40.17 |
| KAU | TOTAL EXP. | 22 | 16.17 | 21.49 | 25.26 | 28.68 | 32.09 | 36.43 | 42.82 | 47.52 | 57.26 | 91.11 | 40.11 |
| KAU | TOTAL EXP. | 23 | 17.39 | 24.13 | 28.44 | 32.46 | 36.96 | 42.39 | 47.64 | 54.29 | 71.70 | 113.76 | 47.46 |
| KAU | TOTAL EXP. | 24 | 17.95 | 24.34 | 29.58 | 34.75 | 38.96 | 44.80 | 50.60 | 59.60 | 73.99 | 121.24 | 45.69 |
| KAU | TOTAL EXP. | 25 | 20.33 | 25.07 | 29.00 | 32.96 | 38.80 | 43.52 | 47.54 | 53.63 | 65.03 | 111.87 | 48.76 |
| KAU | TOTAL EXP. | 27 | 17.52 | 22.71 | 26.50 | 30.12 | 33.85 | 36.13 | 41.19 | 46.68 | 55.88 | 97.89 | 44.34 |
| KAU | TOTAL EXP. | 28 | 18.03 | 23.44 | 27.13 | 29.82 | 33.31 | 36.24 | 39.95 | 43.87 | 52.19 | 89.62 | 42.31 |
| KAU | TOTAL EXP. | 32 | 20.68 | 26.42 | 31.05 | 34.66 | 37.83 | 41.35 | 44.89 | 50.96 | 61.47 | 116.36 | 50.83 |
| KAU | TOTAL EXP. | 38 | 19.80 | 24.87 | 28.79 | 32.19 | 36.46 | 42.59 | 48.23 | 58.21 | 74.73 | 124.70 | 51.80 |

Page No. 48
08/27/86

LISTING OF DECILES BY COMMODITY

| COMMODITY | | ROUND | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100% | AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ** STATE: KAU31 | | | | | | | | | | | | | |
| KAU | NON FOOD | 17 | 4.17 | 7.26 | 8.26 | 10.03 | 12.63 | 16.58 | 18.58 | 23.86 | 33.56 | 72.28 | 18.83 |
| KAU | NON FOOD | 18 | 4.45 | 6.11 | 7.13 | 7.88 | 11.52 | 14.07 | 18.00 | 20.53 | 25.21 | 72.66 | 17.49 |
| KAU | NON FOOD | 20 | 3.54 | 5.13 | 6.44 | 7.64 | 8.46 | 10.35 | 14.16 | 20.14 | 24.78 | 55.28 | 15.31 |
| KAU | NON FOOD | 21 | 3.63 | 5.19 | 6.01 | 7.17 | 8.18 | 9.31 | 10.92 | 14.89 | 19.97 | 42.21 | 12.50 |
| KAU | NON FOOD | 22 | 4.22 | 5.18 | 5.94 | 7.58 | 8.51 | 10.17 | 11.96 | 14.21 | 19.50 | 38.75 | 13.16 |
| KAU | NON FOOD | 23 | 3.97 | 5.01 | 7.40 | 9.01 | 10.20 | 11.70 | 14.08 | 17.47 | 29.46 | 46.74 | 15.74 |
| KAU | NON FOOD | 24 | 3.93 | 6.05 | 7.09 | 9.46 | 10.61 | 13.59 | 16.34 | 21.48 | 33.04 | 54.13 | 16.15 |
| KAU | NON FOOD | 25 | 4.74 | 5.72 | 7.07 | 8.34 | 9.82 | 12.21 | 13.34 | 17.36 | 26.85 | 46.19 | 16.65 |
| KAU | NON FOOD | 27 | 3.57 | 4.69 | 5.59 | 6.35 | 8.32 | 8.75 | 11.75 | 13.32 | 17.54 | 56.44 | 14.72 |
| KAU | NON FOOD | 28 | 3.22 | 4.57 | 5.29 | 6.17 | 7.89 | 8.58 | 9.46 | 10.99 | 17.31 | 39.56 | 12.19 |
| KAU | NON FOOD | 32 | 4.50 | 6.00 | 7.31 | 8.90 | 9.72 | 11.39 | 13.33 | 16.73 | 21.94 | 55.47 | 17.49 |
| KAU | NON FOOD | 38 | 4.69 | 6.12 | 7.61 | 9.13 | 10.58 | 12.36 | 15.03 | 20.55 | 35.17 | 58.69 | 19.98 |

PER CAPITA ENERGY INTAKE (CALORIES PER DAY) BY DECILES

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KAR | 17 | 1434 | 1926 | 2362 | 2826 | 3086 | 2894 | 3155 | 3528 | 3666 | 5131 |
| KAR | 18 | 1086 | 1464 | 1623 | 1633 | 1782 | 1893 | 1947 | 2028 | 2206 | 2312 |
| KAR | 20 | 1022 | 1482 | 1718 | 1874 | 2035 | 2261 | 2477 | 2701 | 2895 | 3074 |
| KAR | 21 | 909 | 1346 | 1478 | 1574 | 1814 | 1982 | 2310 | 2321 | 2715 | 3291 |
| KAR | 22 | 867 | 1235 | 1333 | 1486 | 1677 | 1809 | 1875 | 2061 | 2322 | 2756 |
| KAR | 23 | 915 | 1333 | 1432 | 1518 | 1701 | 1839 | 2033 | 2153 | 2476 | 3042 |
| KAR | 24 | 1029 | 1301 | 1431 | 1575 | 1715 | 1772 | 1813 | 2014 | 2231 | 2496 |
| KAR | 25 | 965 | 1235 | 1389 | 1540 | 1611 | 1744 | 1810 | 1940 | 2177 | 2564 |
| KAR | 27 | 392 | 1187 | 1356 | 1483 | 1604 | 1697 | 1690 | 2139 | 2279 | 1893 |
| KAR | 28 | 1016 | 1225 | 1354 | 1427 | 1502 | 1709 | 1850 | 1959 | 2328 | 2499 |
| KAR | 32 | 930 | 1314 | 1415 | 1527 | 1694 | 1856 | 1897 | 2092 | 2226 | 2356 |
| KAR | 38 | 395 | 1126 | 1257 | 1447 | 1579 | 1620 | 1661 | 1759 | 2122 | 2547 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KAU | 17 | 1116 | 1564 | 1642 | 1827 | 1975 | 2182 | 2494 | 2887 | 2966 | 2586 |
| KAU | 18 | 751 | 1127 | 1266 | 1398 | 1410 | 1547 | 1473 | 1679 | 1605 | 1439 |
| KAU | 20 | 1127 | 1394 | 1437 | 1562 | 1729 | 1881 | 2007 | 2127 | 2157 | 2248 |
| KAU | 21 | 916 | 1137 | 1259 | 1386 | 1427 | 1622 | 1774 | 1897 | 1846 | 2105 |
| KAU | 22 | 749 | 1045 | 1210 | 1265 | 1404 | 1512 | 1778 | 1821 | 1958 | 2058 |
| KAU | 23 | 894 | 1213 | 1266 | 1433 | 1627 | 1866 | 1942 | 1910 | 1664 | 2672 |
| KAU | 24 | 894 | 1129 | 1358 | 1437 | 1610 | 1650 | 1636 | 1928 | 1698 | 2782 |
| KAU | 25 | 999 | 1224 | 1336 | 1441 | 1696 | 1766 | 1931 | 1943 | 1622 | 2789 |
| KAU | 27 | 845 | 1110 | 1275 | 1449 | 1505 | 1607 | 1630 | 1848 | 1955 | 1289 |
| KAU | 28 | 971 | 1189 | 1375 | 1445 | 1468 | 1597 | 1760 | 1837 | 1752 | 1942 |
| KAU | 32 | 1029 | 1265 | 1474 | 1544 | 1656 | 1730 | 1768 | 1842 | 1996 | 2565 |
| KAU | 38 | 936 | 1130 | 1263 | 1325 | 1434 | 1674 | 1725 | 1852 | 1638 | 2734 |

PER CAPITA _ `` INTAKE (PROTEIN PER DAY) BY DECILES

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KAR | 17 | 45 | 59 | 72 | 86 | 95 | 89 | 96 | 108 | 112 | 147 |
| KAR | 18 | 35 | 47 | 52 | 52 | 57 | 61 | 63 | 65 | 71 | 75 |
| KAR | 20 | 32 | 45 | 53 | 58 | 62 | 69 | 76 | 83 | 90 | 96 |
| KAR | 21 | 28 | 41 | 45 | 48 | 55 | 60 | 70 | 70 | 82 | 97 |
| KAR | 22 | 26 | 37 | 40 | 45 | 51 | 55 | 56 | 62 | 69 | 81 |
| KAR | 23 | 28 | 41 | 44 | 46 | 51 | 56 | 61 | 65 | 75 | 87 |
| KAR | 24 | 32 | 40 | 44 | 48 | 52 | 54 | 55 | 61 | 68 | 76 |
| KAR | 25 | 30 | 38 | 42 | 47 | 49 | 53 | 55 | 59 | 66 | 78 |
| KAR | 27 | 28 | 37 | 42 | 46 | 49 | 52 | 58 | 66 | 70 | 57 |
| KAR | 28 | 31 | 38 | 41 | 44 | 46 | 53 | 57 | 62 | 72 | 77 |
| KAR | 32 | 28 | 40 | 43 | 46 | 52 | 56 | 57 | 63 | 67 | 71 |
| KAR | 38 | 27 | 34 | 38 | 43 | 47 | 49 | 50 | 53 | 64 | 76 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KAU | 17 | 34 | 48 | 50 | 56 | 60 | 66 | 75 | 86 | 88 | 77 |
| KAU | 18 | 24 | 36 | 41 | 45 | 45 | 50 | 48 | 55 | 52 | 49 |
| KAU | 20 | 34 | 42 | 43 | 47 | 52 | 57 | 61 | 64 | 65 | 69 |
| KAU | 21 | 27 | 34 | 37 | 41 | 42 | 48 | 53 | 56 | 54 | 61 |
| KAU | 22 | 22 | 32 | 36 | 38 | 42 | 46 | 54 | 55 | 57 | 61 |
| KAU | 23 | 26 | 36 | 38 | 43 | 49 | 56 | 58 | 58 | 51 | 81 |
| KAU | 24 | 27 | 34 | 41 | 43 | 49 | 51 | 50 | 58 | 51 | 84 |
| KAU | 25 | 30 | 37 | 41 | 43 | 51 | 53 | 58 | 59 | 49 | 84 |
| KAU | 27 | 26 | 34 | 39 | 44 | 46 | 49 | 49 | 56 | 59 | 39 |
| KAU | 28 | 30 | 36 | 42 | 44 | 45 | 49 | 54 | 56 | 53 | 59 |
| KAU | 32 | 31 | 39 | 45 | 47 | 51 | 52 | 53 | 56 | 60 | 78 |
| KAU | 38 | 28 | 33 | 37 | 39 | 43 | 50 | 52 | 56 | 49 | 82 |

PER CAPITA ENERGY INTAKE (% CEREAL CALORIES TO TOTAL CALORIES PER DAY) BY DECILES

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KAR | 17 | 90 | 90 | 90 | 80 | 80 | 86 | 85 | 87 | 84 | 79 |
| KAR | 19 | 96 | 97 | 96 | 96 | 96 | 94 | 93 | 93 | 94 | 93 |
| KAR | 20 | 100 | 98 | 97 | 98 | 96 | 95 | 96 | 95 | 94 | 88 |
| KAR | 21 | 98 | 95 | 95 | 95 | 93 | 92 | 92 | 91 | 91 | 85 |
| KAR | 22 | 100 | 100 | 99 | 99 | 99 | 96 | 93 | 93 | 91 | 88 |
| KAR | 23 | 95 | 95 | 94 | 90 | 89 | 89 | 89 | 88 | 88 | 76 |
| KAR | 24 | 94 | 94 | 93 | 90 | 90 | 89 | 88 | 86 | 87 | 80 |
| KAR | 25 | 96 | 94 | 92 | 91 | 89 | 89 | 87 | 87 | 85 | 81 |
| KAR | 27 | 100 | 99 | 97 | 97 | 97 | 97 | 95 | 95 | 94 | 87 |
| KAR | 28 | 100 | 100 | 99 | 99 | 98 | 98 | 98 | 98 | 97 | 92 |
| KAR | 32 | 96 | 95 | 92 | 92 | 91 | 90 | 88 | 86 | 84 | 78 |
| KAR | 38 | 89 | 89 | 88 | 87 | 86 | 86 | 85 | 83 | 83 | 74 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KAU | 17 | 86 | 85 | 83 | 82 | 82 | 82 | 91 | 76 | 72 | 73 |
| KAU | 18 | 91 | 91 | 93 | 93 | 92 | 93 | 92 | 92 | 86 | 71 |
| KAU | 20 | 94 | 94 | 90 | 87 | 87 | 88 | 85 | 80 | 77 | 70 |
| KAU | 21 | 88 | 88 | 89 | 87 | 85 | 85 | 82 | 78 | 72 | 64 |
| KAU | 22 | 93 | 95 | 95 | 91 | 90 | 89 | 89 | 86 | 82 | 71 |
| KAU | 23 | 88 | 86 | 84 | 85 | 83 | 83 | 80 | 74 | 67 | 67 |
| KAU | 24 | 90 | 87 | 86 | 82 | 82 | 80 | 75 | 75 | 68 | 68 |
| KAU | 25 | 89 | 87 | 84 | 81 | 81 | 80 | 80 | 76 | 69 | 69 |
| KAU | 27 | 92 | 92 | 91 | 91 | 88 | 89 | 83 | 83 | 78 | 56 |
| KAU | 28 | 96 | 94 | 94 | 92 | 88 | 86 | 88 | 86 | 81 | 67 |
| KAU | 32 | 91 | 89 | 85 | 85 | 85 | 82 | 78 | 75 | 72 | 66 |
| KAU | 38 | 83 | 87 | 82 | 80 | 79 | 79 | 77 | 74 | 62 | 62 |

PER CAPITA ENERGY INTAKE (% CEREAL PROTEIN TO TOTAL PROTEIN PER DAY) BY DECILES

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KAR | 17 | 83 | 83 | 83 | 74 | 74 | 80 | 80 | 81 | 79 | 78 |
| KAR | 18 | 87 | 86 | 85 | 85 | 85 | 83 | 82 | 82 | 83 | 82 |
| KAR | 20 | 93 | 91 | 90 | 90 | 89 | 89 | 89 | 87 | 86 | 80 |
| KAR | 21 | 90 | 89 | 88 | 88 | 87 | 86 | 86 | 86 | 85 | 92 |
| KAR | 22 | 96 | 95 | 94 | 93 | 92 | 90 | 89 | 89 | 86 | 84 |
| KAR | 23 | 88 | 88 | 87 | 84 | 84 | 84 | 84 | 82 | 83 | 76 |
| KAR | 24 | 88 | 87 | 86 | 85 | 85 | 83 | 82 | 82 | 81 | 75 |
| KAR | 25 | 88 | 88 | 86 | 85 | 84 | 84 | 82 | 82 | 80 | 75 |
| KAR | 27 | 93 | 91 | 90 | 90 | 89 | 89 | 88 | 88 | 86 | 82 |
| KAR | 28 | 94 | 94 | 92 | 92 | 90 | 90 | 90 | 90 | 89 | 85 |
| KAR | 32 | 90 | 89 | 86 | 86 | 85 | 84 | 83 | 80 | 79 | 74 |
| KAR | 35 | 85 | 85 | 83 | 83 | 82 | 82 | 80 | 78 | 78 | 71 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KAU | 17 | 81 | 79 | 77 | 75 | 76 | 77 | 76 | 73 | 69 | 69 |
| KAU | 18 | 80 | 80 | 82 | 83 | 81 | 82 | 80 | 80 | 74 | 59 |
| KAU | 20 | 88 | 88 | 84 | 82 | 82 | 82 | 80 | 75 | 73 | 65 |
| KAU | 21 | 85 | 84 | 85 | 83 | 81 | 81 | 79 | 75 | 69 | 62 |
| KAU | 22 | 89 | 90 | 90 | 87 | 85 | 82 | 83 | 81 | 77 | 67 |
| KAU | 23 | 84 | 81 | 80 | 80 | 80 | 80 | 77 | 70 | 63 | 63 |
| KAU | 24 | 82 | 82 | 81 | 77 | 77 | 74 | 70 | 70 | 64 | 64 |
| KAU | 25 | 83 | 81 | 78 | 77 | 77 | 75 | 76 | 72 | 65 | 65 |
| KAU | 27 | 87 | 86 | 85 | 85 | 83 | 83 | 78 | 78 | 74 | 53 |
| KAU | 29 | 90 | 88 | 85 | 85 | 82 | 82 | 82 | 80 | 76 | 62 |
| KAU | 32 | 85 | 84 | 82 | 79 | 79 | 76 | 74 | 71 | 68 | 62 |
| KAU | 39 | 80 | 80 | 79 | 77 | 75 | 75 | 73 | 70 | 59 | 59 |

PER CAPITA ENERGY INTAKE (% PULSE PROTEIN TO CEREAL PROTEIN PER DAY) BY DECILES

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KAR | 17 | 19 | 20 | 21 | 49 | 47 | 25 | 23 | 22 | 24 | 26 |
| KAR | 18 | 19 | 20 | 20 | 21 | 21 | 23 | 24 | 24 | 22 | 23 |
| KAR | 20 | 9 | 11 | 12 | 11 | 12 | 12 | 11 | 12 | 14 | 14 |
| KAR | 21 | 9 | 11 | 11 | 11 | 11 | 12 | 12 | 12 | 13 | 16 |
| KAR | 22 | 9 | 9 | 9 | 9 | 10 | 12 | 12 | 12 | 13 | 14 |
| KAR | 23 | 13 | 13 | 14 | 16 | 14 | 13 | 13 | 13 | 14 | 15 |
| KAR | 24 | 12 | 13 | 13 | 15 | 15 | 16 | 16 | 16 | 17 | 20 |
| KAR | 25 | 12 | 12 | 15 | 15 | 15 | 15 | 15 | 16 | 17 | 19 |
| KAR | 27 | 7 | 9 | 10 | 10 | 10 | 10 | 11 | 11 | 12 | 9 |
| KAR | 28 | 8 | 8 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 12 |
| KAR | 32 | 11 | 12 | 14 | 14 | 15 | 15 | 16 | 18 | 19 | 21 |
| KAR | 36 | 15 | 15 | 16 | 16 | 17 | 17 | 17 | 19 | 19 | 24 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KAU | 17 | 24 | 25 | 23 | 27 | 30 | 28 | 26 | 32 | 39 | 32 |
| KAU | 18 | 29 | 30 | 26 | 26 | 28 | 23 | 22 | 22 | 32 | 44 |
| KAU | 20 | 13 | 11 | 14 | 16 | 16 | 15 | 17 | 20 | 22 | 24 |
| KAU | 21 | 15 | 14 | 14 | 15 | 17 | 17 | 18 | 21 | 23 | 26 |
| KAU | 22 | 16 | 15 | 13 | 15 | 16 | 15 | 15 | 16 | 17 | 21 |
| KAU | 23 | 15 | 17 | 19 | 17 | 17 | 17 | 19 | 21 | 22 | 23 |
| KAU | 24 | 16 | 18 | 17 | 19 | 19 | 20 | 22 | 22 | 27 | 27 |
| KAU | 25 | 18 | 19 | 21 | 22 | 22 | 22 | 22 | 24 | 30 | 30 |
| KAU | 27 | 13 | 13 | 13 | 13 | 15 | 15 | 17 | 17 | 20 | 33 |
| KAU | 28 | 10 | 11 | 11 | 13 | 14 | 14 | 14 | 15 | 18 | 22 |
| KAU | 32 | 15 | 16 | 17 | 19 | 19 | 21 | 23 | 25 | 26 | 25 |
| KAU | 36 | 21 | 20 | 19 | 20 | 21 | 21 | 23 | 24 | 30 | 30 |

PER CAPITA ENERGY INTAKE (% SUGAR CALORIES TO TOTAL CALORIES PER DAY) BY DECILES

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KAR | 17 | 2 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 7 |
| KAR | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KAR | 20 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| KAR | 21 | 3 | 3 | 4 | 3 | 4 | 5 | 5 | 5 | 5 | 6 |
| KAR | 22 | 4 | 5 | 5 | 5 | 4 | 5 | 6 | 6 | 6 | 8 |
| KAR | 23 | 3 | 3 | 3 | 4 | 5 | 5 | 5 | 6 | 5 | 10 |
| KAR | 24 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 6 |
| KAR | 25 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 6 | 6 |
| KAR | 27 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 6 |
| KAR | 28 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| KAR | 32 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 6 |
| KAR | 38 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| KAU | 17 | 3 | 4 | 5 | 5 | 5 | 5 | 6 | 7 | 7 | 6 |
| KAU | 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KAU | 20 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 |
| KAU | 21 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 7 |
| KAU | 22 | 5 | 4 | 5 | 6 | 5 | 6 | 6 | 6 | 6 | 9 |
| KAU | 23 | 6 | 5 | 6 | 5 | 6 | 6 | 7 | 7 | 8 | 8 |
| KAU | 24 | 3 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 |
| KAU | 25 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 |
| KAU | 27 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 |
| KAU | 28 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| KAU | 32 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 |
| KAU | 38 | 6 | 5 | 5 | 6 | 5 | 5 | 5 | 5 | 6 | 6 |

PER CAPITA ENERGY INTAKE (% OIL CALORIES TO TOTAL CALORIES PER DAY) BY DECILES

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| KAR 17 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 3 | 3 | 5 |
| KAR 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KAR 20 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| KAR 21 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| KAR 22 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 3 |
| KAR 23 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 4 |
| KAR 24 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 |
| KAR 25 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| KAR 27 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| KAR 28 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| KAR 32 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 |
| KAR 39 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 6 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| KAU 17 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 |
| KAU 18 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| KAU 20 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 6 | 6 | 7 |
| KAU 21 | 5 | 5 | 4 | 5 | 5 | 5 | 6 | 6 | 8 | 9 |
| KAU 22 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 5 | 6 |
| KAU 23 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 5 | 5 |
| KAU 24 | 4 | 4 | 4 | 5 | 5 | 5 | 6 | 6 | 7 | 7 |
| KAU 25 | 3 | 3 | 4 | 5 | 5 | 5 | 5 | 6 | 7 | 7 |
| KAU 27 | 5 | 4 | 5 | 5 | 5 | 5 | 6 | 6 | 7 | 11 |
| KAU 28 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 7 | 10 |
| KAU 32 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 6 | 6 | 7 |
| KAU 39 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 9 | 9 |

Foverty line= 39

| | | | | |
|---|---|---|---|---|
| KAR 17 | 12.85 | 27.53 | 0.0893 | 0.0212 |
| KAR 18 | 19.75 | 24.49 | 0.1061 | 0.0534 |
| KAR 20 | 27.78 | 23.40 | 0.1325 | 0.0898 |
| KAR 21 | 34.00 | 23.22 | 0.1151 | 0.1071 |
| KAR 22 | 38.61 | 23.15 | 0.1156 | 0.1226 |
| KAR 23 | 40.52 | 23.54 | 0.1107 | 0.1224 |
| KAR 24 | 36.12 | 24.03 | 0.0945 | 0.0993 |
| KAR 25 | 40.05 | 23.36 | 0.1104 | 0.1229 |
| KAR 27 | 39.67 | 23.51 | 0.1220 | 0.1237 |
| KAR 28 | 52.59 | 23.19 | 0.0967 | 0.1587 |
| KAR 32 | 30.91 | 23.72 | 0.1149 | 0.0928 |
| KAR 38 | 36.37 | 23.48 | 0.1059 | 0.1092 |
| KAU 17 | 11.32 | 22.40 | 0.1651 | 0.0426 |
| KAU 18 | 20.51 | 22.57 | 0.1211 | 0.0695 |
| KAU 20 | 24.44 | 24.36 | 0.0964 | 0.0651 |
| KAU 21 | 33.36 | 23.44 | 0.0990 | 0.0987 |
| KAU 22 | 40.00 | 22.91 | 0.1209 | 0.1314 |
| KAU 23 | 30.21 | 23.53 | 0.1242 | 0.0946 |
| KAU 24 | 28.72 | 23.56 | 0.1186 | 0.0884 |
| KAU 25 | 29.39 | 24.79 | 0.0908 | 0.0731 |
| KAU 27 | 36.49 | 23.80 | 0.1153 | 0.1099 |
| KAU 28 | 35.90 | 23.96 | 0.1046 | 0.1021 |
| KAU 32 | 24.54 | 24.97 | 0.1030 | 0.0622 |
| KAU 38 | 26.04 | 23.88 | 0.0942 | 0.0727 |

Foverty line= 40

| | | | | |
|---|---|---|---|---|
| KAR 17 | 20.61 | 31.02 | 0.1040 | 0.0629 |
| KAR 18 | 47.76 | 30.94 | 0.1216 | 0.1531 |
| KAR 20 | 53.32 | 28.68 | 0.1391 | 0.2041 |
| KAR 21 | 61.21 | 28.32 | 0.1419 | 0.2402 |
| KAR 22 | 65.85 | 27.94 | 0.1442 | 0.2649 |
| KAR 23 | 66.95 | 28.06 | 0.1405 | 0.2658 |
| KAR 24 | 70.95 | 29.19 | 0.1220 | 0.2549 |
| KAR 25 | 70.96 | 28.31 | 0.1373 | 0.2764 |
| KAR 27 | 70.23 | 28.14 | 0.1368 | 0.2768 |
| KAR 28 | 75.91 | 26.98 | 0.1430 | 0.3203 |
| KAR 32 | 56.00 | 28.36 | 0.1330 | 0.2157 |
| KAR 38 | 76.16 | 29.48 | 0.1219 | 0.2687 |
| KAU 17 | 32.47 | 31.08 | 0.1374 | 0.1071 |
| KAU 18 | 46.01 | 28.58 | 0.1299 | 0.1740 |
| KAU 20 | 52.13 | 29.64 | 0.1180 | 0.1806 |
| KAU 21 | 62.85 | 28.64 | 0.1346 | 0.2392 |
| KAU 22 | 67.63 | 27.37 | 0.1532 | 0.2634 |
| KAU 23 | 55.33 | 29.07 | 0.1473 | 0.2105 |
| KAU 24 | 47.55 | 28.95 | 0.1573 | 0.1855 |
| KAU 25 | 48.19 | 29.02 | 0.1294 | 0.1775 |
| KAU 27 | 62.69 | 28.42 | 0.1337 | 0.2433 |
| KAU 28 | 66.17 | 29.49 | 0.1425 | 0.2434 |
| KAU 32 | 47.60 | 29.77 | 0.1183 | 0.1636 |
| KAU 38 | 52.03 | 28.93 | 0.1240 | 0.1907 |

Poverty line= 50

| | | | | |
|---|---|---|---|---|
| KAR 17 | 38.29 | 37.77 | 0.1325 | 0.1320 |
| KAR 18 | 73.17 | 35.68 | 0.1381 | 0.2817 |
| KAR 20 | 72.60 | 33.05 | 0.1658 | 0.3257 |
| KAR 21 | 83.21 | 33.29 | 0.1738 | 0.3744 |
| KAR 22 | 81.86 | 30.93 | 0.1637 | 0.3951 |
| KAR 23 | 88.58 | 31.78 | 0.1618 | 0.4138 |
| KAR 24 | 85.27 | 32.05 | 0.1499 | 0.3881 |
| KAR 25 | 86.37 | 30.98 | 0.1571 | 0.4127 |
| KAR 27 | 84.93 | 30.92 | 0.1625 | 0.4094 |
| KAR 28 | 88.12 | 29.09 | 0.1630 | 0.4521 |
| KAR 32 | 76.73 | 32.24 | 0.1536 | 0.3485 |
| KAR 38 | 83.05 | 31.70 | 0.1565 | 0.3863 |
| KAU 17 | 50.41 | 35.75 | 0.1391 | 0.1938 |
| KAU 18 | 65.28 | 33.34 | 0.1606 | 0.2874 |
| KAU 20 | 68.63 | 33.24 | 0.1457 | 0.2966 |
| KAU 21 | 76.61 | 31.57 | 0.1598 | 0.3597 |
| KAU 22 | 75.62 | 30.50 | 0.1809 | 0.3783 |
| KAU 23 | 69.01 | 32.62 | 0.1719 | 0.3173 |
| KAU 24 | 62.06 | 32.52 | 0.1720 | 0.2863 |
| KAU 25 | 69.06 | 33.78 | 0.1570 | 0.2972 |
| KAU 27 | 80.20 | 32.04 | 0.1665 | 0.3736 |
| KAU 28 | 82.01 | 32.02 | 0.1533 | 0.3735 |
| KAU 32 | 76.44 | 35.09 | 0.1403 | 0.3031 |
| KAU 38 | 68.54 | 33.13 | 0.1617 | 0.3046 |

Per Capita Total Expenditure b/ Deciles

| KAR | | | | | | | | | | | | Gini's Coeff. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 17 | 26.08 | 34.96 | 42.79 | 48.85 | 54.60 | 58.86 | 67.01 | 75.82 | 91.42 | 191.59 | 65.50 | 0.3045 |
| 18 | 20.77 | 27.98 | 32.35 | 35.61 | 38.87 | 43.13 | 46.17 | 51.96 | 61.79 | 99.24 | 41.73 | 0.2352 |
| 20 | 17.11 | 24.91 | 29.28 | 32.53 | 35.60 | 40.88 | 46.04 | 51.74 | 59.19 | 93.12 | 41.16 | 0.2514 |
| 21 | 16.44 | 24.14 | 28.82 | 29.03 | 34.56 | 38.49 | 44.88 | 45.95 | 56.75 | 85.43 | 39.18 | 0.2476 |
| 22 | 16.43 | 22.68 | 25.42 | 28.73 | 31.74 | 35.73 | 39.66 | 43.61 | 53.56 | 84.87 | 37.83 | 0.2510 |
| 23 | 16.22 | 23.63 | 25.69 | 27.96 | 31.83 | 35.06 | 38.78 | 42.74 | 50.47 | 95.19 | 38.19 | 0.2631 |
| 24 | 18.72 | 23.84 | 26.24 | 29.69 | 32.34 | 35.04 | 38.71 | 42.99 | 51.89 | 75.27 | 35.46 | 0.2135 |
| 25 | 17.12 | 22.22 | 25.20 | 28.91 | 31.62 | 34.25 | 37.49 | 40.18 | 48.61 | 71.94 | 39.44 | 0.2187 |
| 27 | 16.31 | 22.42 | 26.17 | 28.64 | 31.26 | 33.09 | 37.75 | 42.74 | 48.57 | 77.36 | 39.30 | 0.2318 |
| 28 | 16.95 | 21.05 | 23.60 | 24.88 | 27.59 | 31.38 | 35.34 | 38.18 | 45.99 | 75.95 | 36.12 | 0.2387 |
| 32 | 17.57 | 24.84 | 28.11 | 30.33 | 34.38 | 39.05 | 41.36 | 48.10 | 56.10 | 90.95 | 44.58 | 0.2476 |
| 38 | 17.58 | 22.87 | 25.75 | 30.03 | 34.00 | 34.87 | 38.12 | 44.40 | 53.55 | 87.77 | 42.07 | 0.2472 |
| KAO | | | | | | | | | | | | |
| 17 | 21.18 | 32.31 | 36.81 | 41.90 | 45.75 | 53.58 | 61.90 | 75.79 | 93.76 | 159.70 | 57.15 | 0.3115 |
| 18 | 18.43 | 26.09 | 30.59 | 33.79 | 38.20 | 44.58 | 49.29 | 56.22 | 69.05 | 127.96 | 46.39 | 0.2969 |
| 20 | 20.17 | 26.26 | 29.60 | 33.13 | 36.71 | 41.22 | 48.47 | 59.45 | 67.49 | 113.07 | 46.27 | 0.2755 |
| 21 | 18.17 | 23.62 | 26.42 | 30.07 | 32.55 | 37.03 | 41.93 | 50.00 | 58.08 | 94.34 | 40.17 | 0.2631 |
| 22 | 16.17 | 21.49 | 25.26 | 28.68 | 32.09 | 36.43 | 42.82 | 47.52 | 57.26 | 91.11 | 40.11 | 0.2715 |
| 23 | 17.39 | 24.13 | 28.44 | 32.46 | 36.96 | 42.39 | 47.64 | 54.29 | 71.70 | 113.76 | 47.46 | 0.2943 |
| 24 | 17.75 | 24.34 | 29.58 | 34.75 | 38.96 | 44.80 | 50.60 | 59.60 | 73.99 | 121.24 | 45.69 | 0.2936 |
| 25 | 20.33 | 25.07 | 29.00 | 32.96 | 38.80 | 43.52 | 47.54 | 53.63 | 65.03 | 111.87 | 48.76 | 0.2726 |
| 27 | 17.52 | 22.71 | 26.50 | 30.12 | 33.65 | 36.13 | 41.19 | 46.68 | 55.88 | 97.69 | 44.34 | 0.2673 |
| 28 | 18.03 | 23.44 | 27.13 | 29.82 | 33.31 | 36.24 | 39.95 | 43.87 | 52.19 | 89.62 | 42.31 | 0.2446 |
| 32 | 20.68 | 26.42 | 31.05 | 34.66 | 37.83 | 41.35 | 44.29 | 50.98 | 61.47 | 116.36 | 50.83 | 0.2663 |
| 38 | 19.80 | 24.87 | 28.79 | 32.19 | 36.46 | 42.59 | 48.23 | 58.21 | 74.73 | 124.70 | 51.80 | 0.3046 |

Page No. 1
08/27/86

PER CAPITA CONSUMER EXPENDITURE (Rs.) BY DECILES
lower deciles: Average of 1,2 &3
Upper deciles: Average of 7,8 & 9

| | ROUNDS | Lower Decile | Upper decile |
|---|---|---|---|
| ** KAR 1 | | | |
| FOODGRAINS | 17 | 19.68 | 34.39 |
| FOODGRAINS | 18 | 15.28 | 22.22 |
| FOODGRAINS | 20 | 14.72 | 27.27 |
| FOODGRAINS | 21 | 12.71 | 23.96 |
| FOODGRAINS | 22 | 11.68 | 20.05 |
| FOODGRAINS | 23 | 12.71 | 21.61 |
| FOODGRAINS | 24 | 12.77 | 19.64 |
| FOODGRAINS | 25 | 12.21 | 18.89 |
| FOODGRAINS | 27 | 11.74 | 21.10 |
| FOODGRAINS | 28 | 12.37 | 20.66 |
| FOODGRAINS | 32 | 12.17 | 19.46 |
| FOODGRAINS | 38 | 10.46 | 17.05 |
| ** KAR 2 | | | |
| CEREALS | 17 | 17.34 | 29.82 |
| CEREALS | 18 | 13.67 | 19.53 |
| CEREALS | 20 | 14.04 | 25.78 |
| CEREALS | 21 | 12.02 | 22.57 |
| CEREALS | 22 | 11.64 | 19.48 |
| CEREALS | 23 | 11.73 | 19.84 |
| CEREALS | 24 | 11.86 | 17.94 |
| CEREALS | 25 | 11.34 | 17.24 |
| CEREALS | 27 | 11.43 | 20.17 |
| CEREALS | 28 | 12.20 | 20.26 |
| CEREALS | 32 | 11.65 | 17.96 |
| CEREALS | 38 | 9.81 | 15.64 |
| ** KAR 3 | | | |
| RICE & PR | 17 | 3.78 | 14.74 |
| RICE & PR | 27 | 3.28 | 7.05 |
| RICE & PR | 28 | 2.31 | 10.26 |
| RICE & PR | 32 | 2.88 | 8.58 |
| ** KAR 4 | | | |
| WHEAT & PR | 17 | 0.34 | 1.39 |
| WHEAT & PR | 27 | 0.89 | 0.68 |
| WHEAT & PR | 28 | 0.23 | 0.64 |
| WHEAT & PR | 32 | 0.23 | 0.71 |
| ** KAR 5 | | | |
| JAWAR & PR | 17 | 8.49 | 7.36 |
| JAWAR & PR | 27 | 3.72 | 5.48 |
| JAWAR & PR | 28 | 5.17 | 2.85 |
| JAWAR & PR | 32 | 5.81 | 5.04 |
| ** KAR 6 | | | |
| BAJRA & PR | 17 | 0.05 | 0.16 |
| BAJRA & PR | 27 | 0.10 | 0.08 |
| BAJRA & PR | 28 | 0.40 | 0.33 |
| BAJRA & PR | 32 | 0.41 | 0.12 |

PER CAPITA CONSUMER EXPENDITURE (Rs.) BY DECILES
lower deciles: Average of 1,2 &3
Upper deciles: Average of 7,8 & 9

| | ROUNDS | Lower Decile | Upper decile |
|---|---|---|---|
| ** KAR 7 | | | |
| MAIZE & PR | 17 | 0.00 | 0.11 |
| MAIZE & PR | 27 | 0.18 | 0.73 |
| MAIZE & PR | 28 | 0.30 | 0.31 |
| MAIZE & PR | 32 | 0.17 | 0.10 |
| ** KAR 8 | | | |
| RAGI & PR | 17 | 3.32 | 4.77 |
| RAGI & PR | 27 | 2.78 | 5.43 |
| RAGI & PR | 28 | 2.46 | 4.45 |
| RAGI & PR | 32 | 2.13 | 3.24 |
| ** KAR 9 | | | |
| BARLEY &PR | 17 | 0.06 | 0.00 |
| BARLEY &PR | 27 | 0.00 | 0.00 |
| BARLEY &PR | 28 | 0.00 | 0.00 |
| BARLEY &PR | 32 | 0.00 | 0.00 |
| ** KAR10 | | | |
| SM. MILLET | 17 | 0.26 | 0.11 |
| SM. MILLET | 27 | 0.16 | 0.21 |
| SM. MILLET | 28 | 0.30 | 0.27 |
| SM. MILLET | 32 | 0.14 | 0.27 |
| ** KAR11 | | | |
| GRAM | 17 | 0.02 | 0.06 |
| GRAM | 20 | 0.01 | 0.03 |
| GRAM | 21 | 0.00 | 0.02 |
| GRAM | 22 | 0.01 | 0.05 |
| GRAM | 23 | 0.01 | 0.12 |
| GRAM | 24 | 0.03 | 0.03 |
| GRAM | 25 | 0.03 | 0.05 |
| GRAM | 27 | 0.01 | 0.05 |
| GRAM | 28 | 0.01 | 0.03 |
| GRAM | 32 | 0.05 | 0.15 |
| GRAM | 38 | 0.06 | 0.15 |
| ** KAR13 | | | |
| CEREAL SUB | 17 | 0.00 | 0.13 |
| CEREAL SUB | 18 | 0.02 | 0.05 |
| CEREAL SUB | 20 | 0.00 | 0.01 |
| CEREAL SUB | 21 | 0.11 | 0.06 |
| CEREAL SUB | 22 | 0.02 | 0.00 |
| CEREAL SUB | 23 | 0.01 | 0.01 |
| CEREAL SUB | 24 | 0.00 | 0.01 |
| CEREAL SUB | 25 | 0.00 | 0.02 |
| CEREAL SUB | 27 | 0.01 | 0.01 |
| CEREAL SUB | 28 | 0.00 | 0.00 |
| CEREAL SUB | 32 | 0.03 | 0.02 |
| CEREAL SUB | 38 | 0.02 | 0.00 |

PER CAPITA CONSUMER EXPENDITURE (Rs.) BY DECILES
lower deciles: Average of 1,2 &3
Upper deciles: Average of 7,8 & 9

| | ROUNDS | Lower Decile | Upper decile |
|---|---|---|---|
| ** KAR14 | | | |
| PULSE & PR | 17 | 1.99 | 3.91 |
| PULSE & PR | 18 | 1.53 | 2.58 |
| PULSE & PR | 20 | 0.86 | 1.79 |
| PULSE & PR | 21 | 0.70 | 1.54 |
| PULSE & PR | 22 | 0.60 | 1.39 |
| PULSE & PR | 23 | 0.87 | 1.49 |
| PULSE & PR | 24 | 0.86 | 1.64 |
| PULSE & PR | 25 | 0.84 | 1.58 |
| PULSE & PR | 27 | 0.56 | 1.30 |
| PULSE & PR | 28 | 0.61 | 1.09 |
| PULSE & PR | 32 | 0.84 | 1.79 |
| PULSE & PR | 38 | 0.86 | 1.64 |
| ** KAR15 | | | |
| MILK & PR | 17 | 1.81 | 4.43 |
| MILK & PR | 18 | 1.20 | 3.16 |
| MILK & PR | 20 | 0.65 | 2.67 |
| MILK & PR | 21 | 0.77 | 2.84 |
| MILK & PR | 22 | 0.39 | 2.66 |
| MILK & PR | 23 | 0.55 | 2.81 |
| MILK & PR | 24 | 0.80 | 2.23 |
| MILK & PR | 25 | 0.64 | 2.92 |
| MILK & PR | 27 | 0.76 | 1.98 |
| MILK & PR | 28 | 0.68 | 1.86 |
| MILK & PR | 32 | 0.89 | 3.30 |
| MILK & PR | 38 | 1.24 | 2.84 |
| ** KAR27 | | | |
| TOTAL FOOD | 17 | 28.28 | 54.98 |
| TOTAL FOOD | 18 | 21.43 | 37.54 |
| TOTAL FOOD | 20 | 19.72 | 40.24 |
| TOTAL FOOD | 21 | 18.51 | 38.60 |
| TOTAL FOOD | 22 | 17.18 | 33.97 |
| TOTAL FOOD | 23 | 17.73 | 34.20 |
| TOTAL FOOD | 24 | 18.48 | 32.24 |
| TOTAL FOOD | 25 | 17.37 | 31.42 |
| TOTAL FOOD | 27 | 17.35 | 32.88 |
| TOTAL FOOD | 28 | 17.24 | 31.60 |
| TOTAL FOOD | 32 | 18.27 | 33.50 |
| TOTAL FOOD | 38 | 16.73 | 31.00 |
| ** KAR30 | | | |
| TOTAL EXP. | 17 | 34.68 | 78.08 |
| TOTAL EXP. | 18 | 27.03 | 53.31 |
| TOTAL EXP. | 20 | 23.77 | 52.32 |
| TOTAL EXP. | 21 | 22.47 | 49.19 |
| TOTAL EXP. | 22 | 21.51 | 45.61 |
| TOTAL EXP. | 23 | 21.85 | 44.00 |
| TOTAL EXP. | 24 | 22.93 | 44.53 |
| TOTAL EXP. | 25 | 21.51 | 42.09 |
| TOTAL EXP. | 27 | 21.63 | 43.02 |

PER CAPITA CONSUMER EXPENDITURE (Rs.) BY DECILES
lower deciles: Average of 1,2 &3
Upper deciles: Average of 7,8 & 9

| | ROUNDS | Lower Decile | Upper decile |
|---|---|---|---|
| TOTAL EXP. | 28 | 20.53 | 39.84 |
| TOTAL EXP. | 32 | 23.51 | 46.52 |
| TOTAL EXP. | 38 | 22.17 | 45.36 |
| ** KAU 1 | | | |
| FOODGRAINS | 17 | 14.28 | 25.49 |
| FOODGRAINS | 18 | 11.29 | 16.48 |
| FOODGRAINS | 20 | 13.10 | 18.79 |
| FOODGRAINS | 21 | 10.59 | 15.95 |
| FOODGRAINS | 22 | 9.96 | 16.68 |
| FOODGRAINS | 23 | 10.84 | 15.73 |
| FOODGRAINS | 24 | 10.93 | 14.62 |
| FOODGRAINS | 25 | 11.51 | 15.95 |
| FOODGRAINS | 27 | 10.56 | 16.24 |
| FOODGRAINS | 28 | 11.65 | 16.29 |
| FOODGRAINS | 32 | 12.16 | 16.13 |
| FOODGRAINS | 38 | 10.23 | 14.22 |
| ** KAU 2 | | | |
| CEREALS | 17 | 12.33 | 21.34 |
| CEREALS | 18 | 9.72 | 14.38 |
| CEREALS | 20 | 12.35 | 17.03 |
| CEREALS | 21 | 9.85 | 14.36 |
| CEREALS | 22 | 9.59 | 15.88 |
| CEREALS | 23 | 9.79 | 13.83 |
| CEREALS | 24 | 9.96 | 12.88 |
| CEREALS | 25 | 10.33 | 13.96 |
| CEREALS | 27 | 10.02 | 14.89 |
| CEREALS | 28 | 11.29 | 15.35 |
| CEREALS | 32 | 11.40 | 14.23 |
| CEREALS | 38 | 9.35 | 12.48 |
| ** KAU 3 | | | |
| RICE & PR | 17 | 5.06 | 14.96 |
| RICE & PR | 27 | 4.65 | 9.70 |
| RICE & PR | 28 | 5.18 | 10.47 |
| RICE & PR | 32 | 5.72 | 9.61 |
| ** KAU 4 | | | |
| WHEAT & PR | 17 | 0.97 | 1.69 |
| WHEAT & PR | 27 | 0.71 | 1.33 |
| WHEAT & PR | 28 | 0.50 | 1.39 |
| WHEAT & PR | 32 | 0.67 | 1.93 |
| ** KAU 5 | | | |
| JAWAR & PR | 17 | 4.70 | 2.39 |
| JAWAR & PR | 27 | 3.01 | 2.35 |
| JAWAR & PR | 28 | 3.79 | 1.91 |
| JAWAR & PR | 32 | 3.39 | 1.52 |

PER CAPITA CONSUMER EXPENDITURE (Rs.) BY DECILES
lower deciles: Average of 1,2 &3
Upper deciles: Average of 7,8 & 9

| | ROUNDS | Lower Decile | Upper decile |
|---|---|---|---|
| ** KAU 6 | | | |
| BAJRA & PR | 17 | 0.01 | 0.00 |
| BAJRA & PR | 27 | 0.00 | 0.01 |
| BAJRA & PR | 28 | 0.09 | 0.02 |
| BAJRA & PR | 32 | 0.05 | 0.00 |
| ** KAU 7 | | | |
| MAIZE & PR | 17 | 0.00 | 0.00 |
| MAIZE & PR | 27 | 0.23 | 0.05 |
| MAIZE & PR | 28 | 0.11 | 0.00 |
| MAIZE & PR | 32 | 0.45 | 0.10 |
| ** KAU 8 | | | |
| RAGI & PR | 17 | 1.20 | 2.00 |
| RAGI & PR | 27 | 1.16 | 1.30 |
| RAGI & PR | 28 | 0.91 | 1.09 |
| RAGI & PR | 32 | 1.14 | 1.09 |
| ** KAU 9 | | | |
| BARLEY &PR | 17 | 0.00 | 0.00 |
| BARLEY &PR | 27 | 0.00 | 0.00 |
| BARLEY &PR | 28 | 0.00 | 0.00 |
| BARLEY &PR | 32 | 0.00 | 0.00 |
| ** KAU10 | | | |
| SM. MILLET | 17 | 0.00 | 0.00 |
| SM. MILLET | 27 | 0.02 | 0.04 |
| SM. MILLET | 28 | 0.02 | 0.01 |
| SM. MILLET | 32 | 0.02 | 0.02 |
| ** KAU11 | | | |
| GRAM | 17 | 0.00 | 0.02 |
| GRAM | 20 | 0.02 | 0.03 |
| GRAM | 21 | 0.00 | 0.01 |
| GRAM | 22 | 0.01 | 0.01 |
| GRAM | 23 | 0.03 | 0.22 |
| GRAM | 24 | 0.01 | 0.01 |
| GRAM | 25 | 0.04 | 0.02 |
| GRAM | 27 | 0.00 | 0.02 |
| GRAM | 28 | 0.03 | 0.01 |
| GRAM | 32 | 0.06 | 0.16 |
| GRAM | 38 | 0.05 | 0.13 |
| ** KAU13 | | | |
| CEREAL SUB | 17 | 0.08 | 0.02 |
| CEREAL SUB | 18 | 0.00 | 0.00 |
| CEREAL SUB | 20 | 0.00 | 0.00 |
| CEREAL SUB | 21 | 0.03 | 0.00 |
| CEREAL SUB | 22 | 0.00 | 0.01 |
| CEREAL SUB | 23 | 0.00 | 0.00 |
| CEREAL SUB | 24 | 0.00 | 0.00 |
| CEREAL SUB | 25 | 0.00 | 0.00 |

PER CAPITA CONSUMER EXPENDITURE (Rs.) BY DECILES
lower deciles: Average of 1,2 &3
Upper deciles: Average of 7,8 & 9

| | ROUNDS | Lower Decile | Upper decile |
|---|---|---|---|
| CEREAL SUB | 27 | 0.00 | 0.00 |
| CEREAL SUB | 28 | 0.00 | 0.00 |
| CEREAL SUB | 32 | 0.00 | 0.00 |
| CEREAL SUB | 38 | 0.00 | 0.00 |
| ** KAU14 | | | |
| PULSE & PR | 17 | 1.67 | 3.90 |
| PULSE & PR | 18 | 1.54 | 2.06 |
| PULSE & PR | 20 | 0.89 | 1.89 |
| PULSE & PR | 21 | 0.80 | 1.68 |
| PULSE & PR | 22 | 0.78 | 1.44 |
| PULSE & PR | 23 | 0.95 | 1.60 |
| PULSE & PR | 24 | 0.95 | 1.72 |
| PULSE & PR | 25 | 1.14 | 1.97 |
| PULSE & PR | 27 | 0.73 | 1.55 |
| PULSE & PR | 28 | 0.70 | 1.35 |
| PULSE & PR | 32 | 1.03 | 1.96 |
| PULSE & PR | 38 | 1.05 | 1.78 |
| ** KAU15 | | | |
| MILK & PR | 17 | 1.95 | 6.80 |
| MILK & PR | 18 | 1.64 | 4.52 |
| MILK & PR | 20 | 1.00 | 5.11 |
| MILK & PR | 21 | 1.14 | 4.82 |
| MILK & PR | 22 | 0.69 | 3.89 |
| MILK & PR | 23 | 1.13 | 4.39 |
| MILK & PR | 24 | 1.13 | 5.52 |
| MILK & PR | 25 | 1.17 | 4.47 |
| MILK & PR | 27 | 1.09 | 4.11 |
| MILK & PR | 28 | 1.09 | 3.85 |
| MILK & PR | 32 | 1.51 | 5.56 |
| MILK & PR | 38 | 1.65 | 5.46 |
| ** KAU27 | | | |
| TOTAL FOOD | 17 | 23.54 | 51.82 |
| TOTAL FOOD | 18 | 19.14 | 36.94 |
| TOTAL FOOD | 20 | 20.30 | 38.77 |
| TOTAL FOOD | 21 | 17.79 | 34.74 |
| TOTAL FOOD | 22 | 15.86 | 33.99 |
| TOTAL FOOD | 23 | 17.86 | 37.54 |
| TOTAL FOOD | 24 | 18.27 | 37.15 |
| TOTAL FOOD | 25 | 18.96 | 36.22 |
| TOTAL FOOD | 27 | 17.63 | 33.58 |
| TOTAL FOOD | 28 | 18.51 | 32.76 |
| TOTAL FOOD | 32 | 20.11 | 35.11 |
| TOTAL FOOD | 38 | 18.35 | 36.81 |
| ** KAU30 | | | |
| TOTAL EXP. | 17 | 30.10 | 77.15 |
| TOTAL EXP. | 18 | 25.04 | 58.19 |
| TOTAL EXP. | 20 | 25.34 | 58.47 |
| TOTAL EXP. | 21 | 22.74 | 50.09 |

Page No.
08/27/86

PER CAPITA CONSUMER EXPENDITURE (Rs.) BY DECILES
lower deciles: Average of 1,2 &3
Upper deciles: Average of 7,8 & 9

| | ROUNDS | Lower Decile | Upper decile |
|---|---|---|---|
| TOTAL EXP. | 22 | 20.97 | 49.20 |
| TOTAL EXP. | 23 | 23.32 | 57.88 |
| TOTAL EXP. | 24 | 23.96 | 61.40 |
| TOTAL EXP. | 25 | 24.80 | 55.40 |
| TOTAL EXP. | 27 | 22.24 | 47.92 |
| TOTAL EXP. | 28 | 22.87 | 45.34 |
| TOTAL EXP. | 32 | 26.05 | 52.45 |
| TOTAL EXP. | 38 | 24.49 | 60.39 |

PER CAPITA ENERGY INTAKE (CALORIES PER DAY) BY DECILES

| | | |
|---|---|---|
| KAR 17 | 1907 | 3450 |
| KAR 18 | 1391 | 2060 |
| KAR 20 | 1407 | 2691 |
| KAR 21 | 1244 | 2449 |
| KAR 22 | 1145 | 2086 |
| KAR 23 | 1227 | 2221 |
| KAR 24 | 1254 | 2019 |
| KAR 25 | 1196 | 1976 |
| KAR 27 | 1145 | 2103 |
| KAR 28 | 1198 | 2059 |
| KAR 32 | 1220 | 2068 |
| KAR 38 | 1093 | 1847 |

| | | |
|---|---|---|
| KAU 17 | 1441 | 2782 |
| KAU 18 | 1048 | 1586 |
| KAU 20 | 1319 | 2097 |
| KAU 21 | 1104 | 1840 |
| KAU 22 | 1001 | 1832 |
| KAU 23 | 1131 | 1645 |
| KAU 24 | 1127 | 1754 |
| KAU 25 | 1184 | 1832 |
| KAU 27 | 1078 | 1811 |
| KAU 28 | 1178 | 1783 |
| KAU 32 | 1263 | 1869 |
| KAU 38 | 1116 | 1738 |

PER CAPITA ENERGY INTAKE (PROTEIN PER DAY) BY DECILES

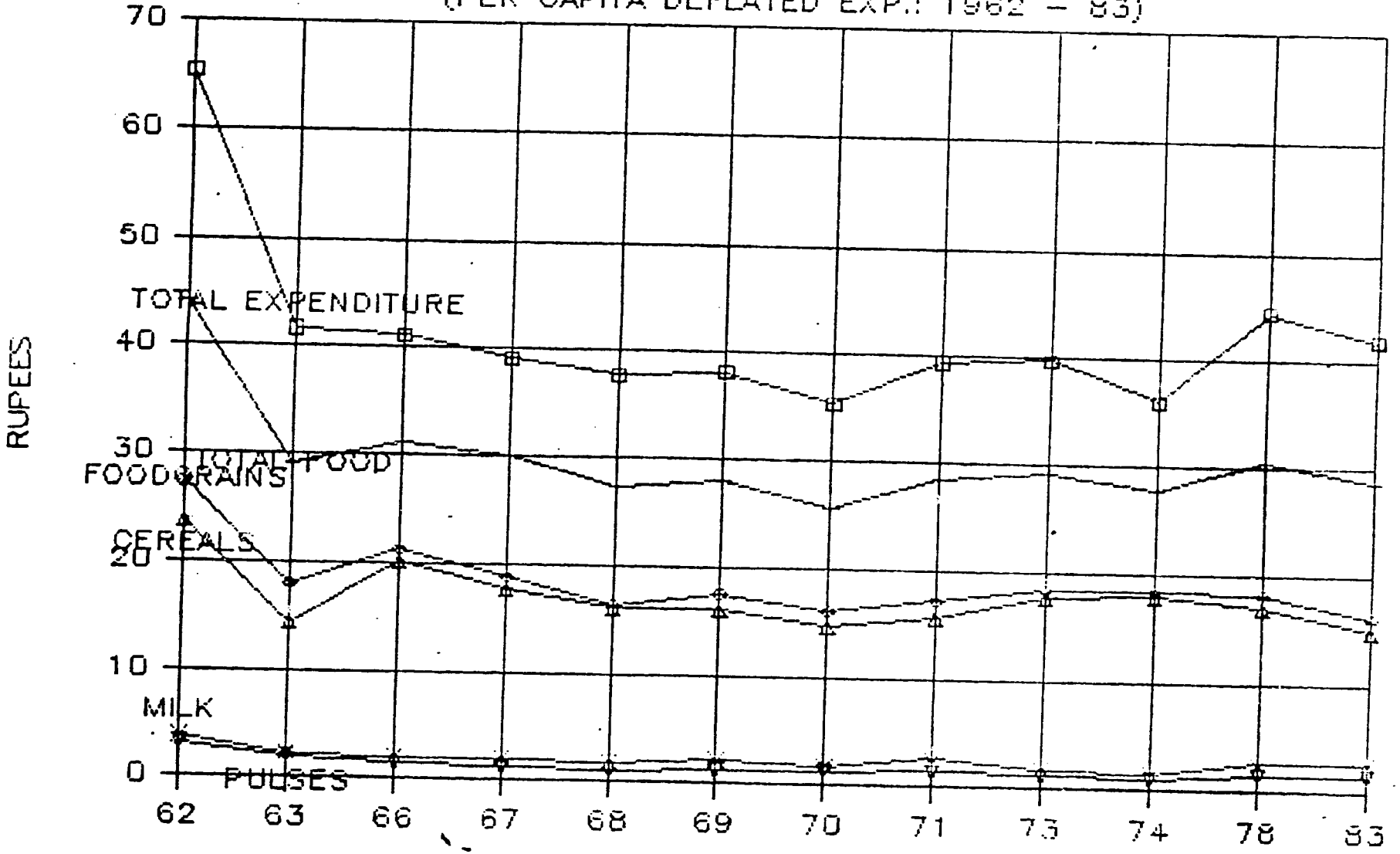
| | | |
|---|---|---|
| KAR 17 | 59 | 105 |
| KAR 18 | 45 | 66 |
| KAR 20 | 43 | 83 |
| KAR 21 | 38 | 74 |
| KAR 22 | 34 | 62 |
| KAR 23 | 38 | 67 |
| KAR 24 | 39 | 61 |
| KAR 25 | 37 | 60 |
| KAR 27 | 36 | 65 |
| KAR 28 | 37 | 64 |
| KAR 32 | 37 | 62 |
| KAR 38 | 33 | 56 |

| | | |
|---|---|---|
| KAU 17 | 44 | 83 |
| KAU 18 | 34 | 52 |
| KAU 20 | 40 | 63 |
| KAU 21 | 33 | 54 |
| KAU 22 | 30 | 55 |
| KAU 23 | 33 | 56 |
| KAU 24 | 34 | 53 |
| KAU 25 | 36 | 55 |
| KAU 27 | 33 | 55 |
| KAU 28 | 36 | 54 |
| KAU 32 | 38 | 56 |
| KAU 38 | 33 | 52 |

FIG.1

# TRENDS IN CONSUMER EXPENDITURES

(PER CAPITA DEFLATED EXP.: 1962 – 83)

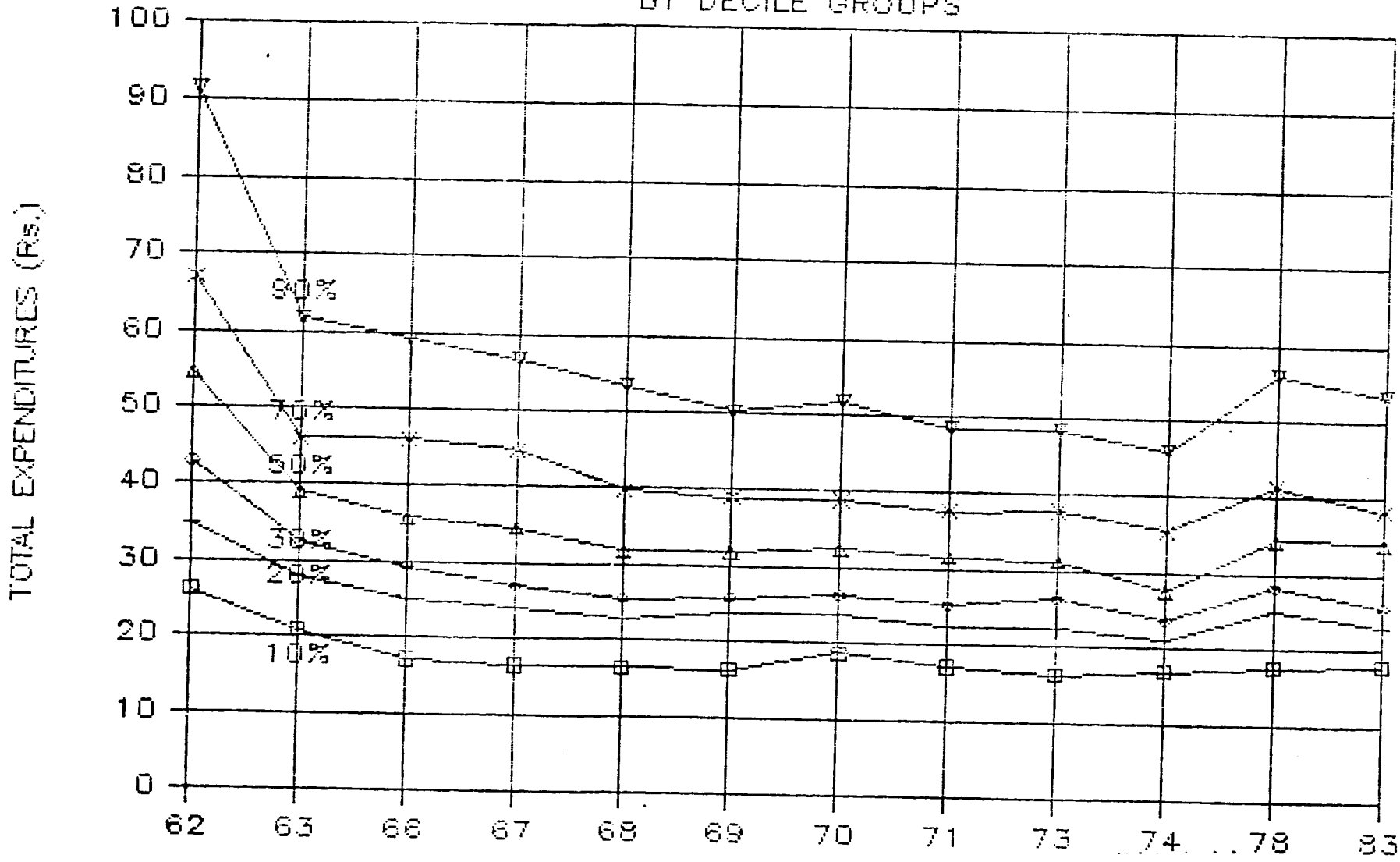



KARNATAKA RURAL

FIG.2

# PER CAPITA EXPENDITURES: 1962–83

BY DECILE GROUPS

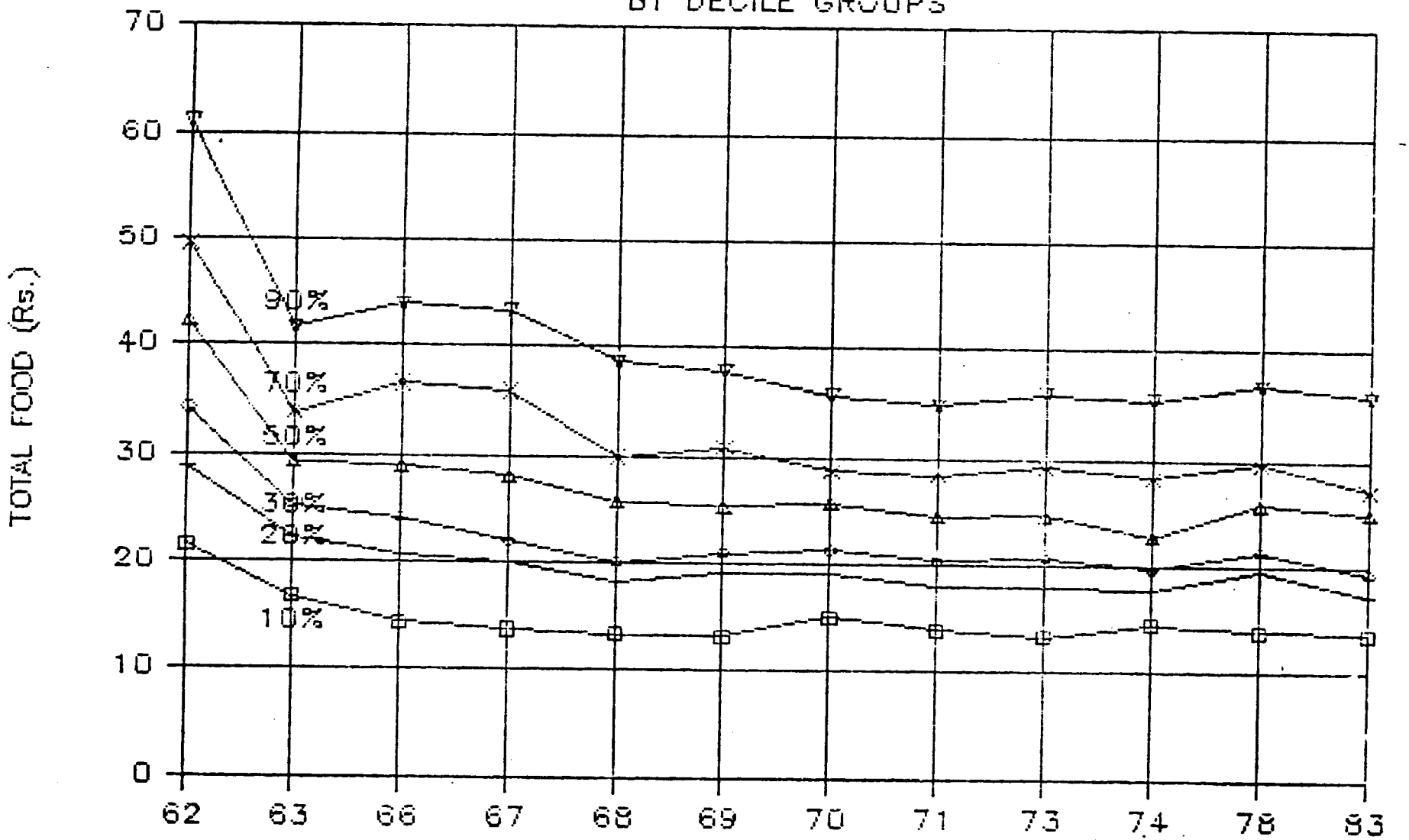



KARNATAKA RURAL

Fig. 3

# PER CAPITA EXPENDITURES: 1962–83

BY DECILE GROUPS

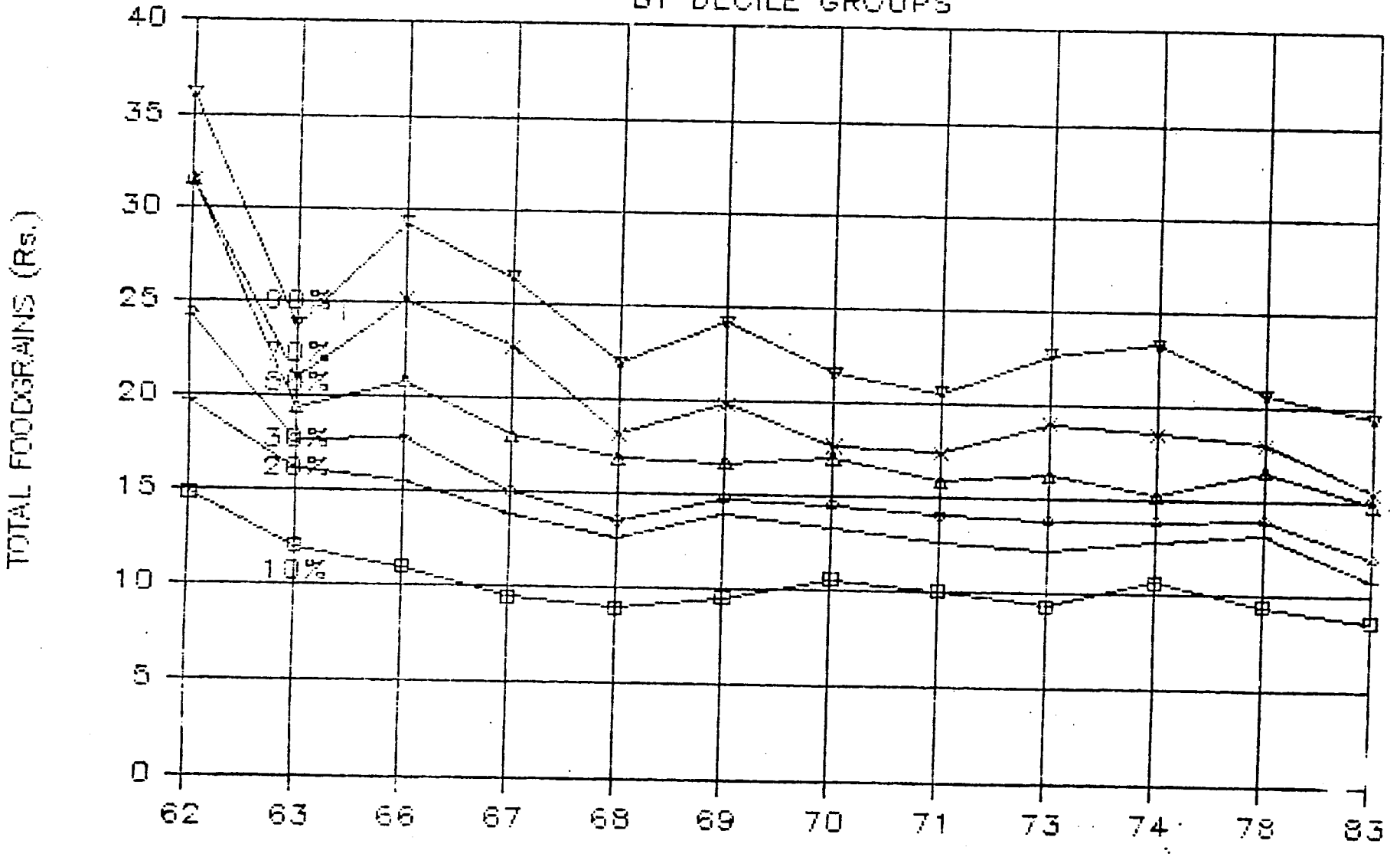



KARNATAKA RURAL

FIG.4

# PER CAPITA EXPENDITURES: 1962–83

BY DECILE GROUPS



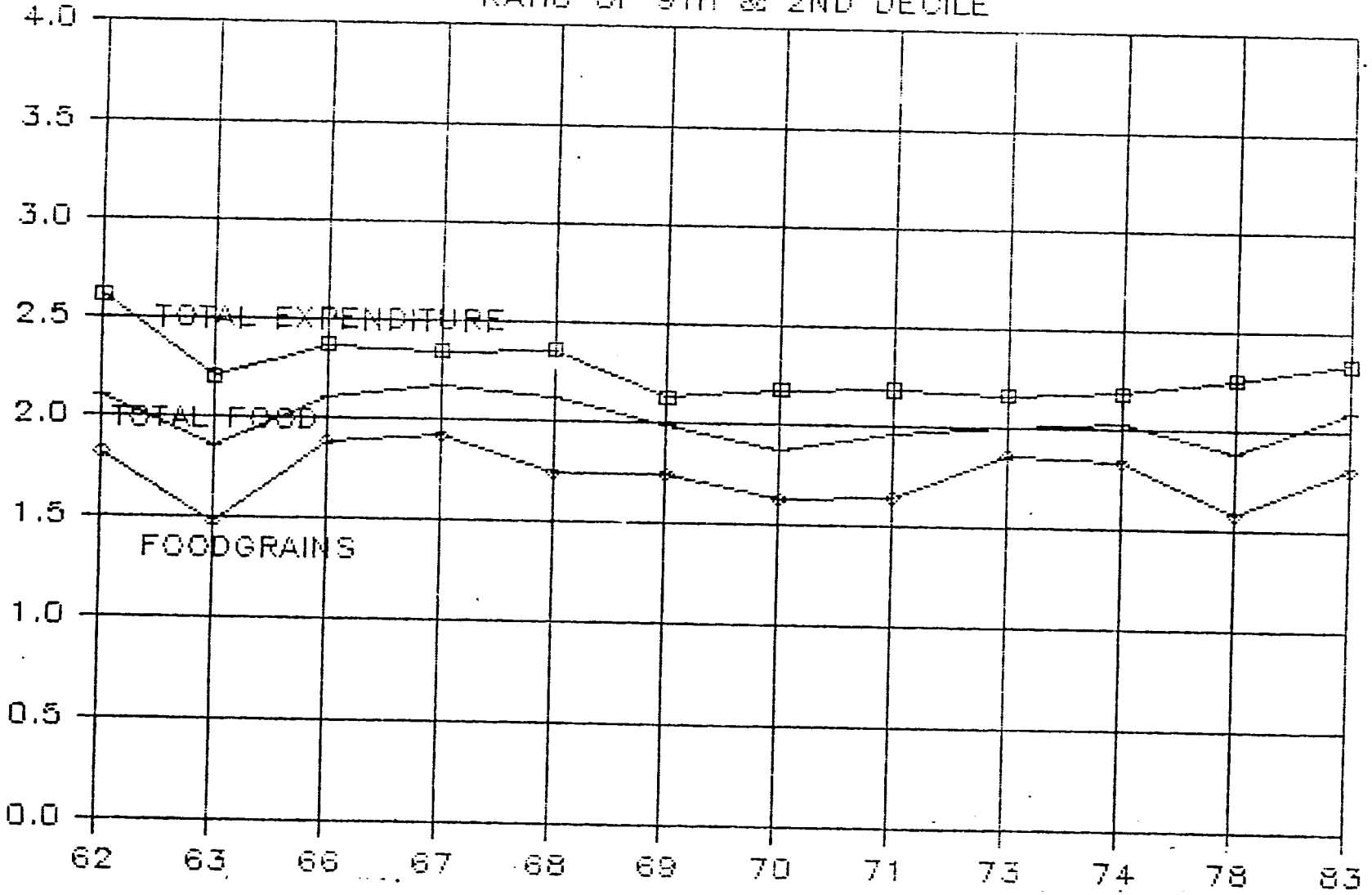

KARNATAKA RURAL

FIG.5

RATIO

# PER CAPITA EXPENDITURES: 1962–83

RATIO OF 9TH & 2ND DECILE

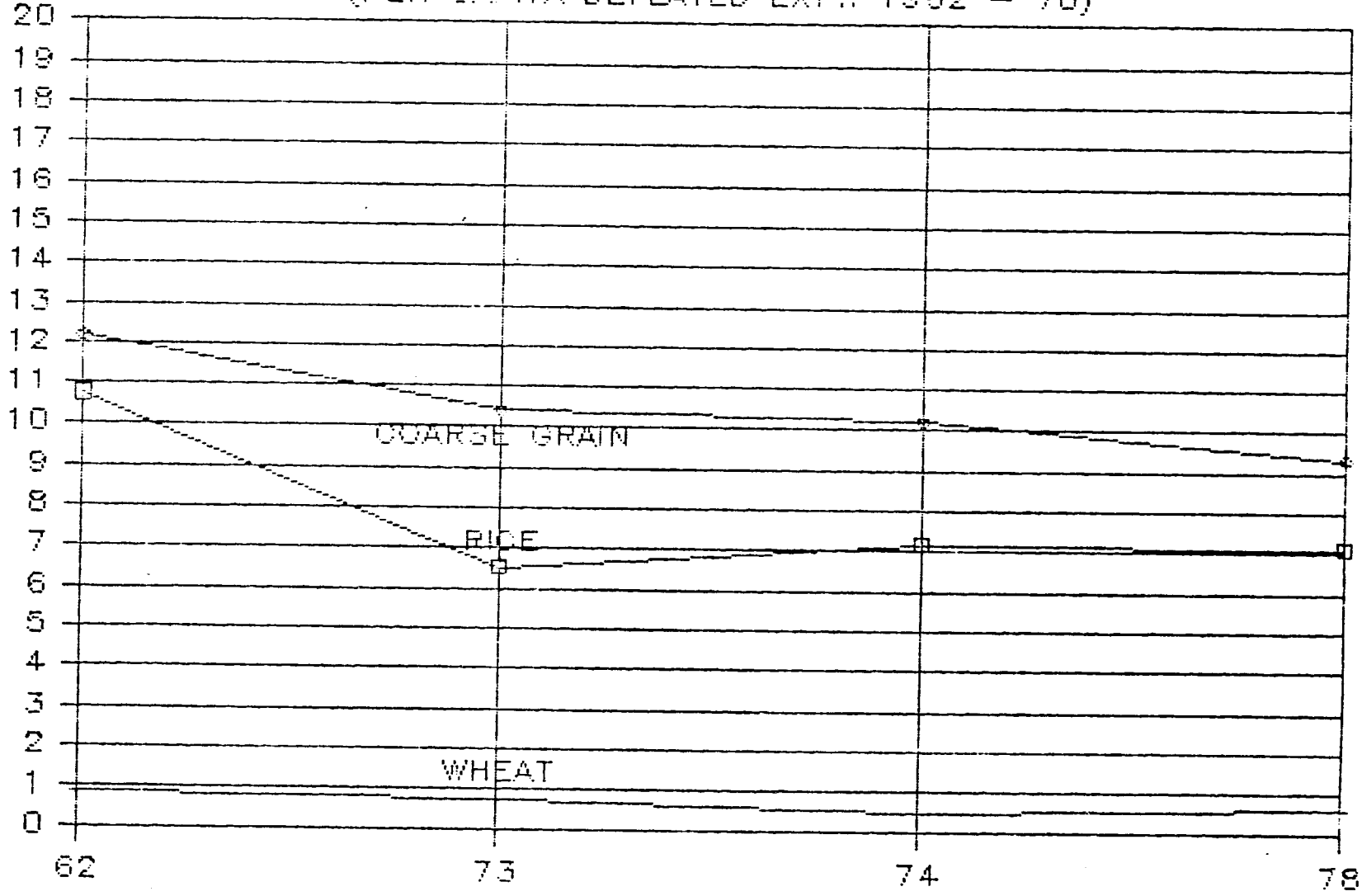



KARNATAKA RURAL

FIG.6

# TRENDS IN CONSUMER EXPENDITURES

(PER CAPITA DEFLATED EXP.: 1962 – 78)




KARNATAKA RURAL

FIG.7

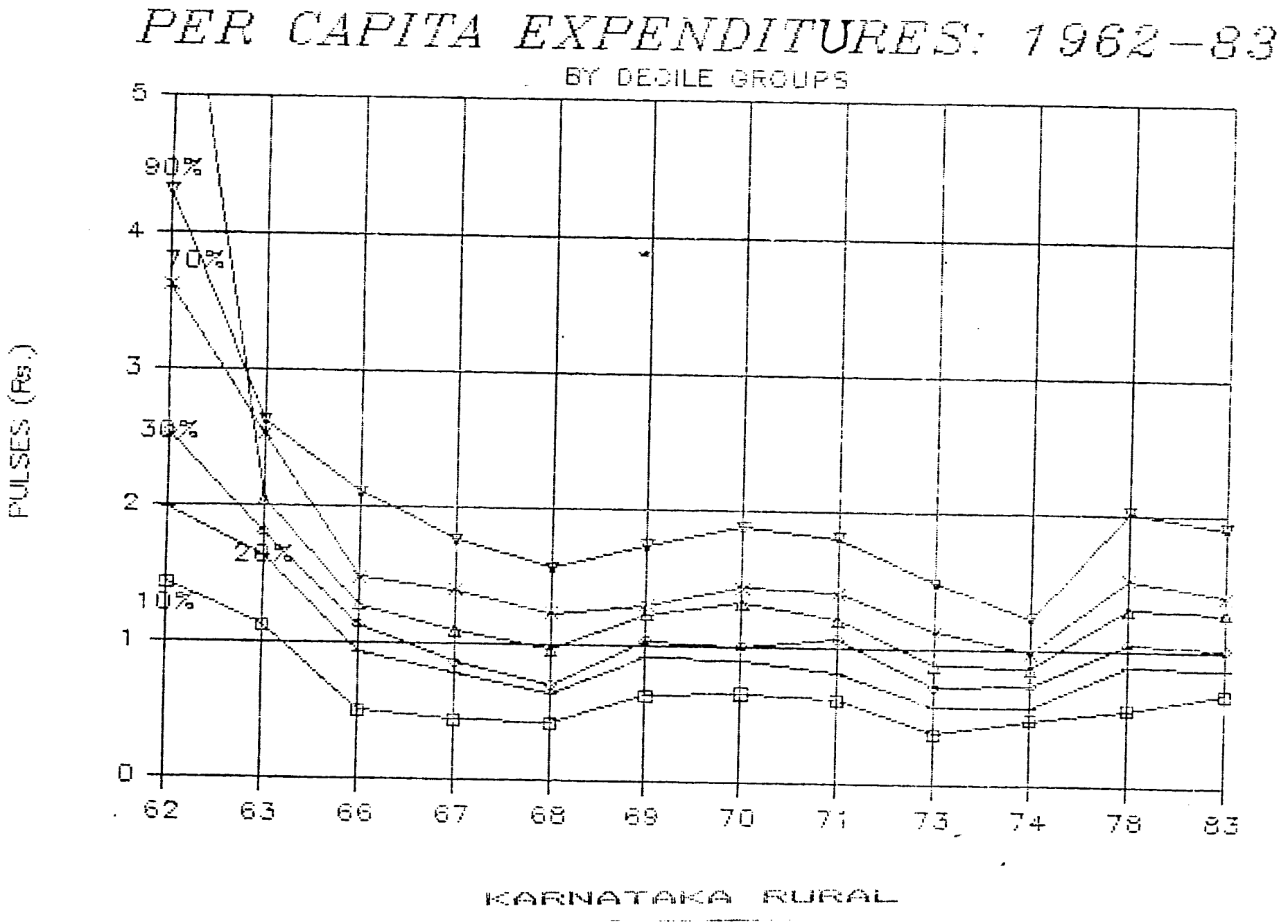

PER CAPITA EXPENDITURES: 1962-83
BY DECILE GROUPS
PULSES (Rs.)
5
4
3
2
1
0
90%
70%
30%
20%
10%
62
63
66
67
68
69
70
71
73
74
78
83
KARNATAKA RURAL

FIG.8

# PER CAPITA ENERGY INTAKE:1962–83

BY DECILE GROUPS

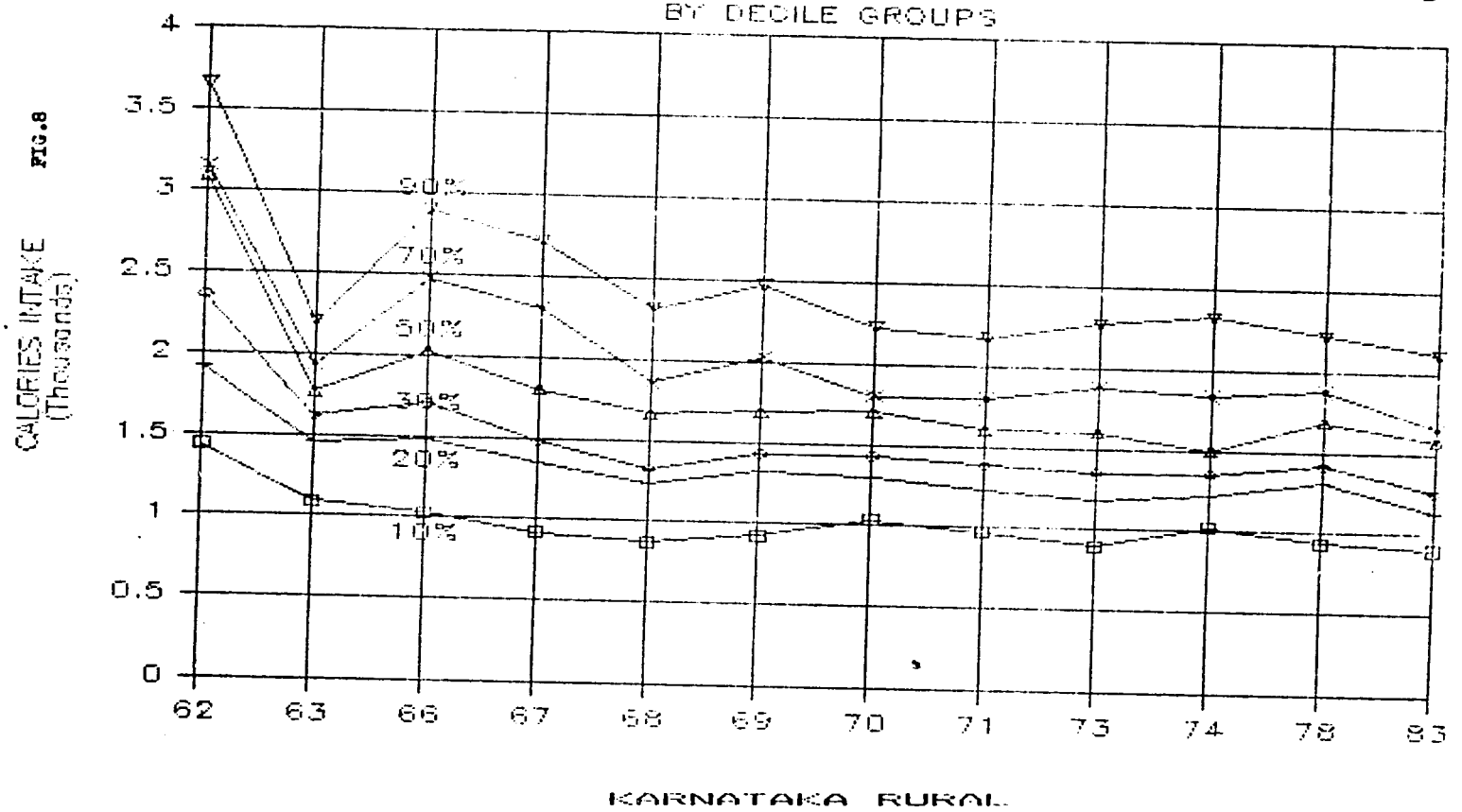


FIG — 8.17



FIG.9

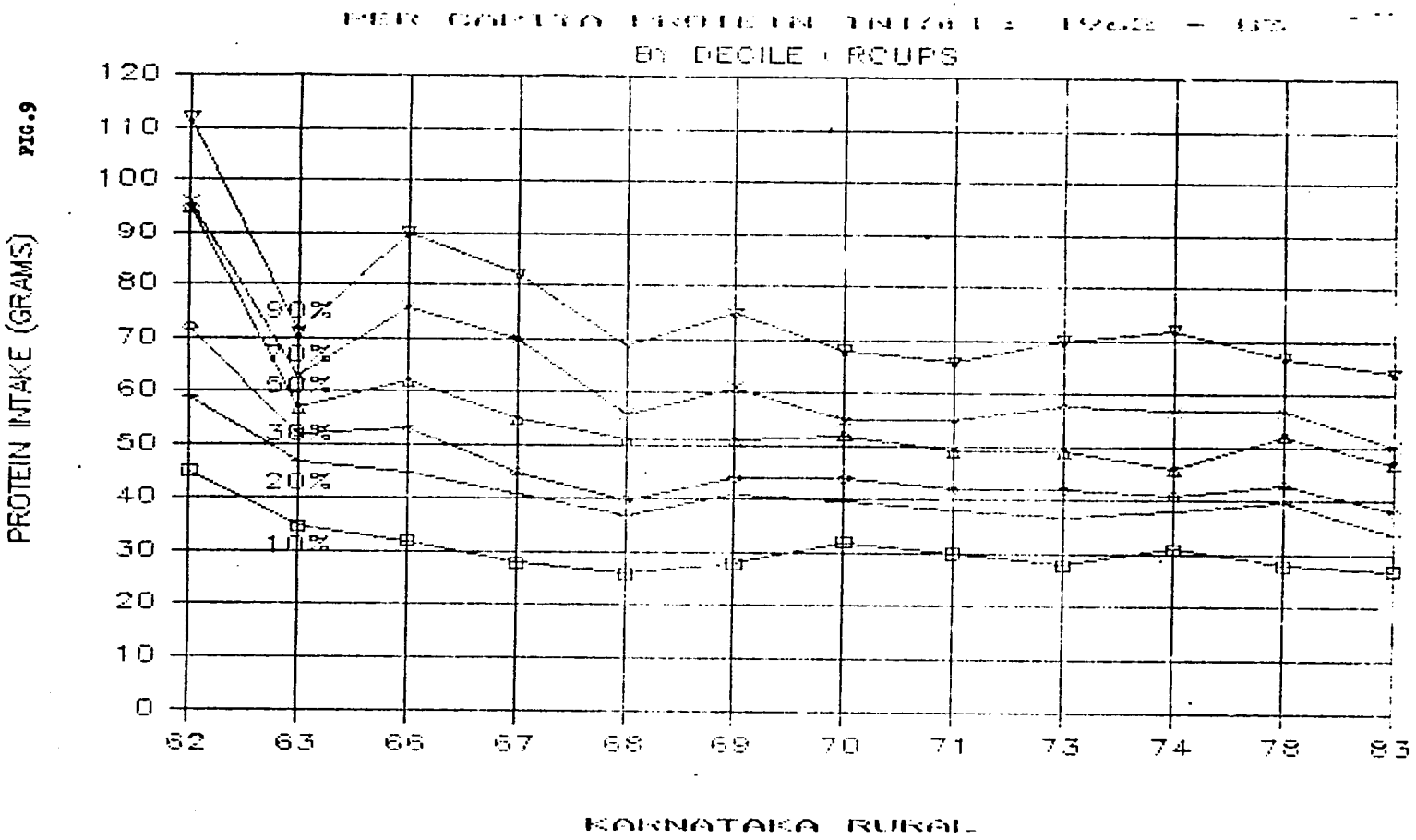
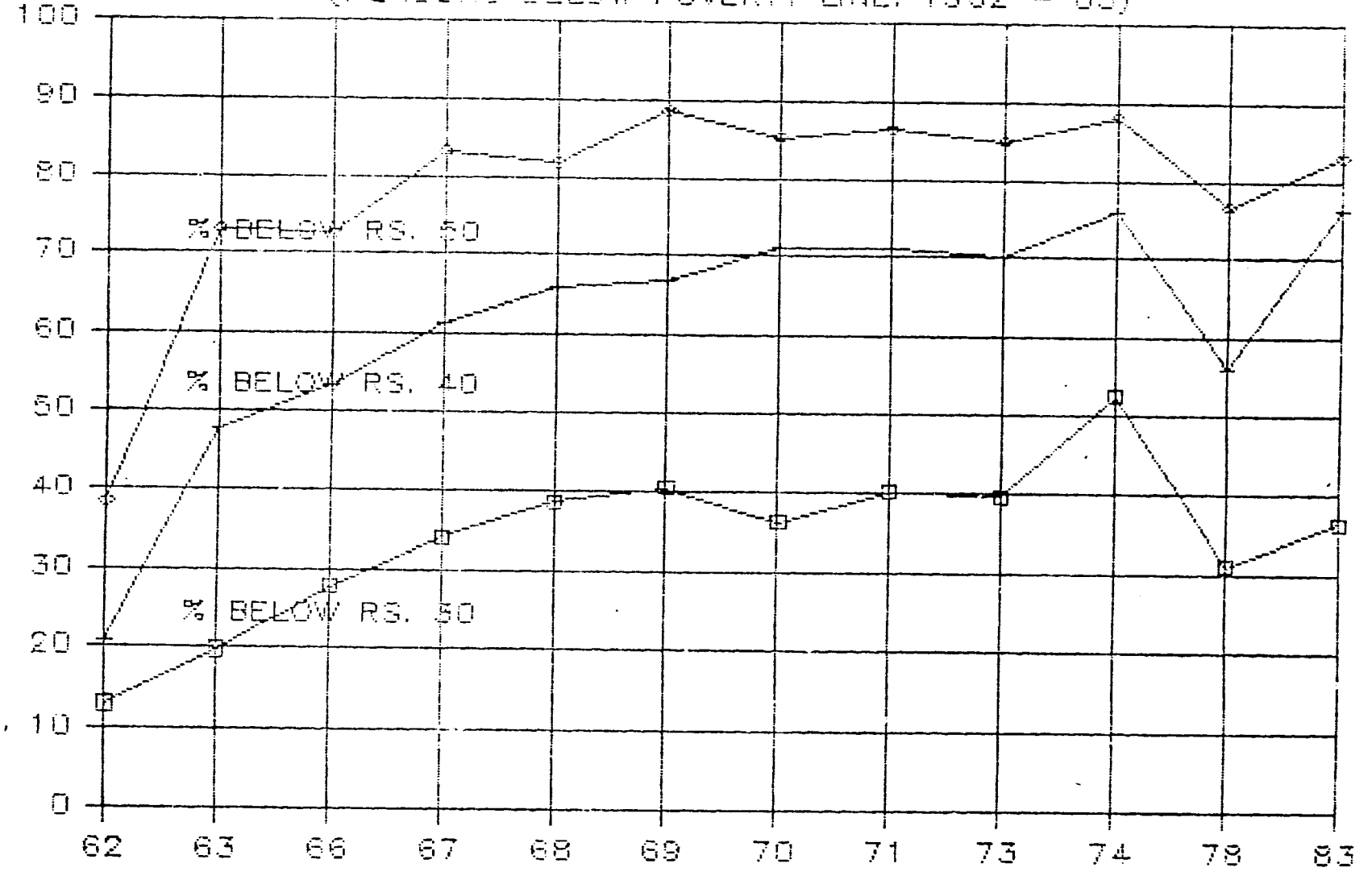

PER CAPITA PROTEIN INTAKE : 1982 - 83
BY DECILE GROUPS
PROTEIN INTAKE (GRAMS)
120
110
100
90
80
70
60
50
40
30
20
10
0
90%
70%
50%
30%
20%
10%
62
63
66
67
68
69
70
71
73
74
78
83
KARNATAKA RURAL

FIG.10

# TRENDS IN CONSUMER EXPENDITURES

(PERSONS BELOW POVERTY LINE: 1962 – 83)

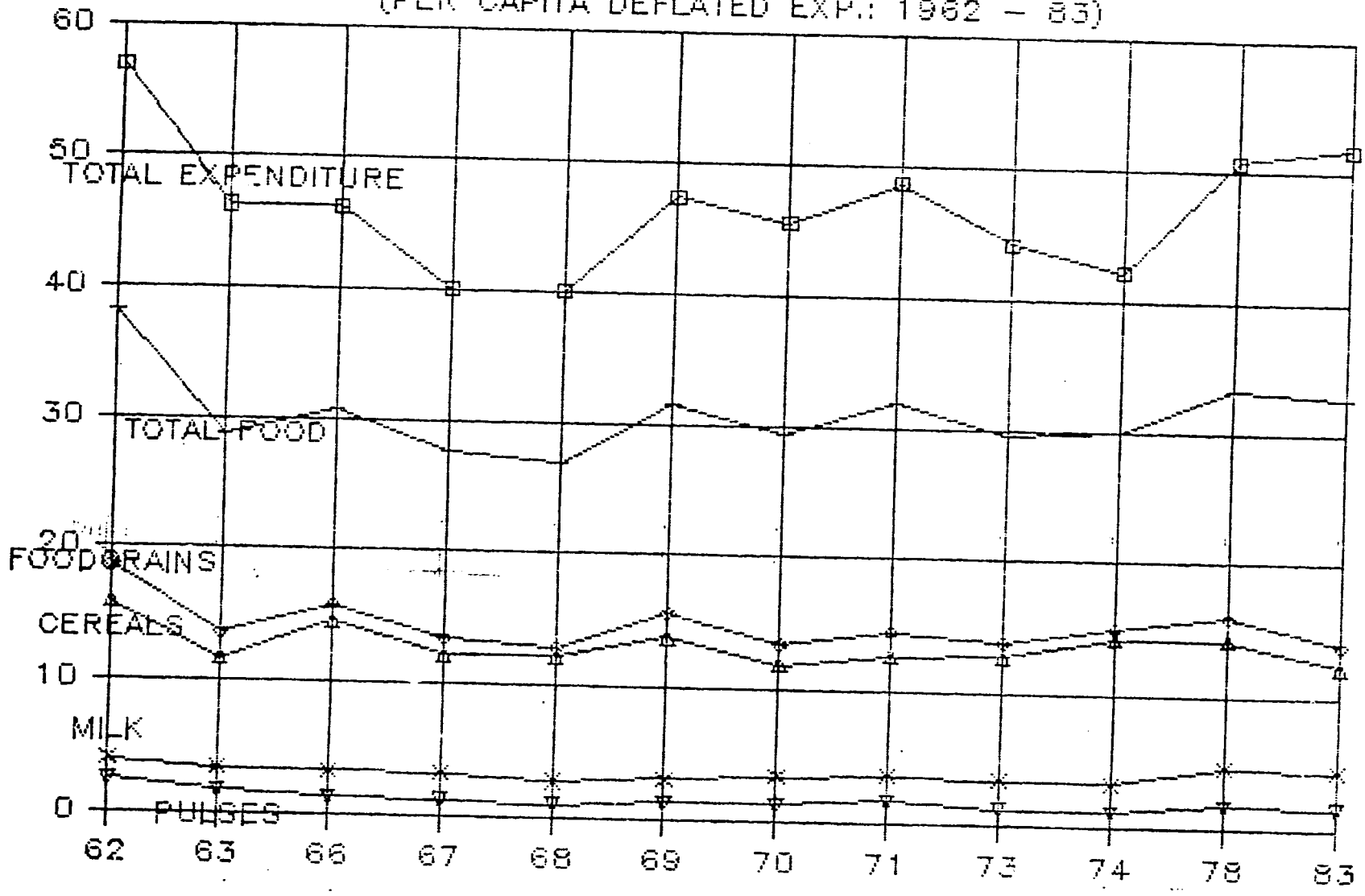



KARNATAKA RURAL

FIG.11

# TRENDS IN CONSUMER EXPENDITURES

(PER CAPITA DEFLATED EXP.: 1962 – 83)




KARNATAKA URBAN

FIG.12

# PER CAPITA EXPENDITURES: 1962–83

BY DECILE GROUPS

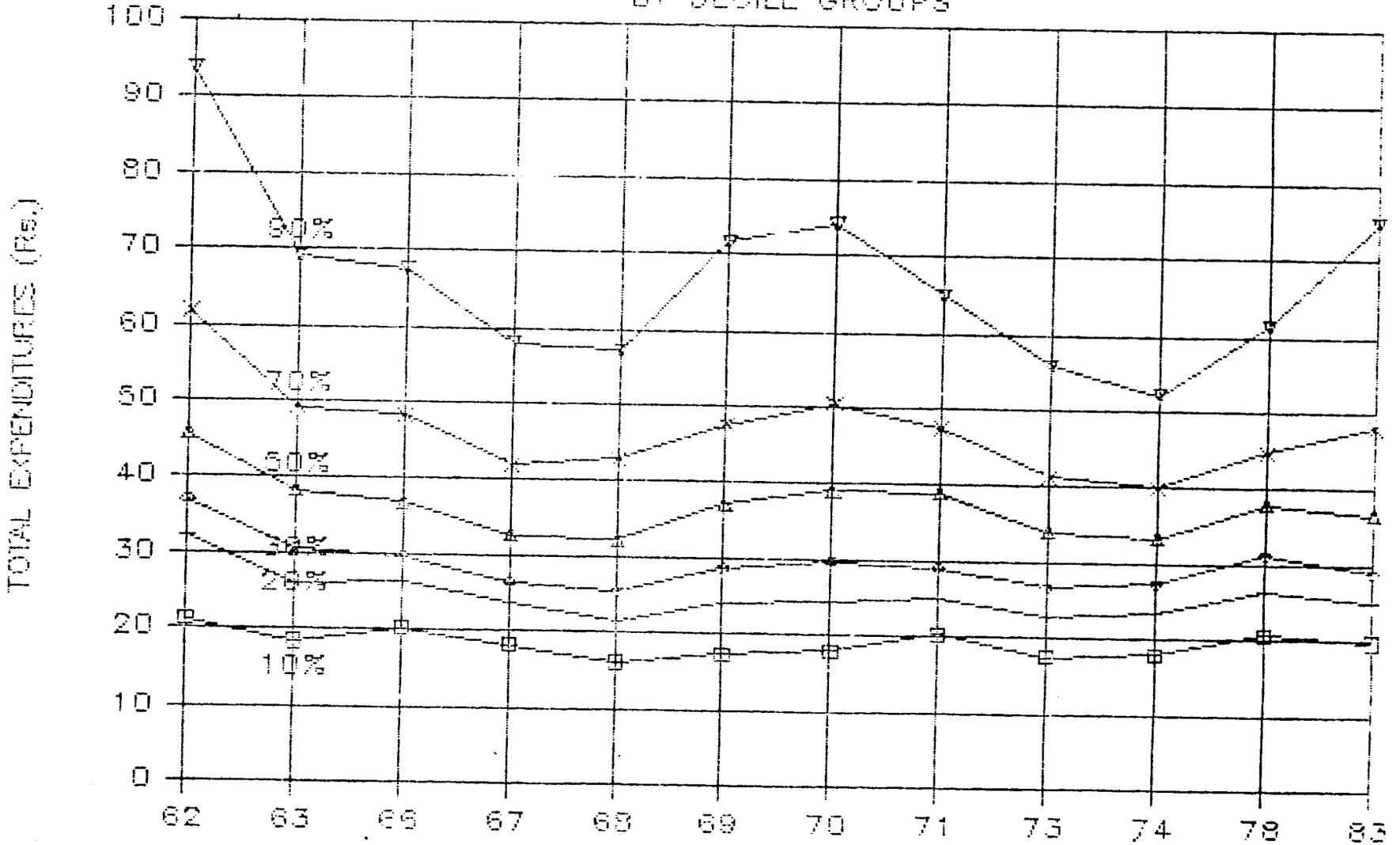
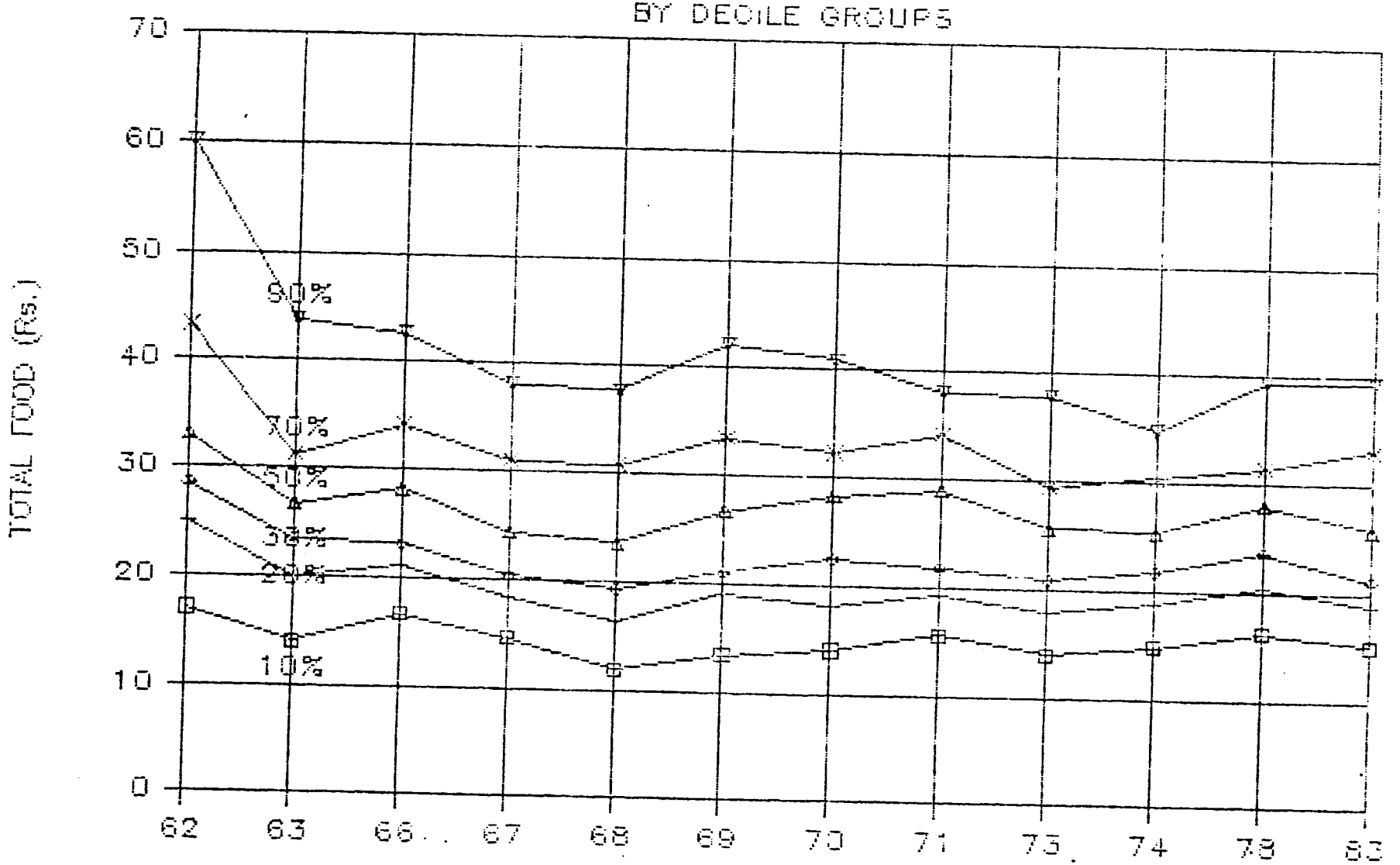


FIG.13

# PER CAPITA EXPENDITURES: 1962–83

BY DECILE GROUPS

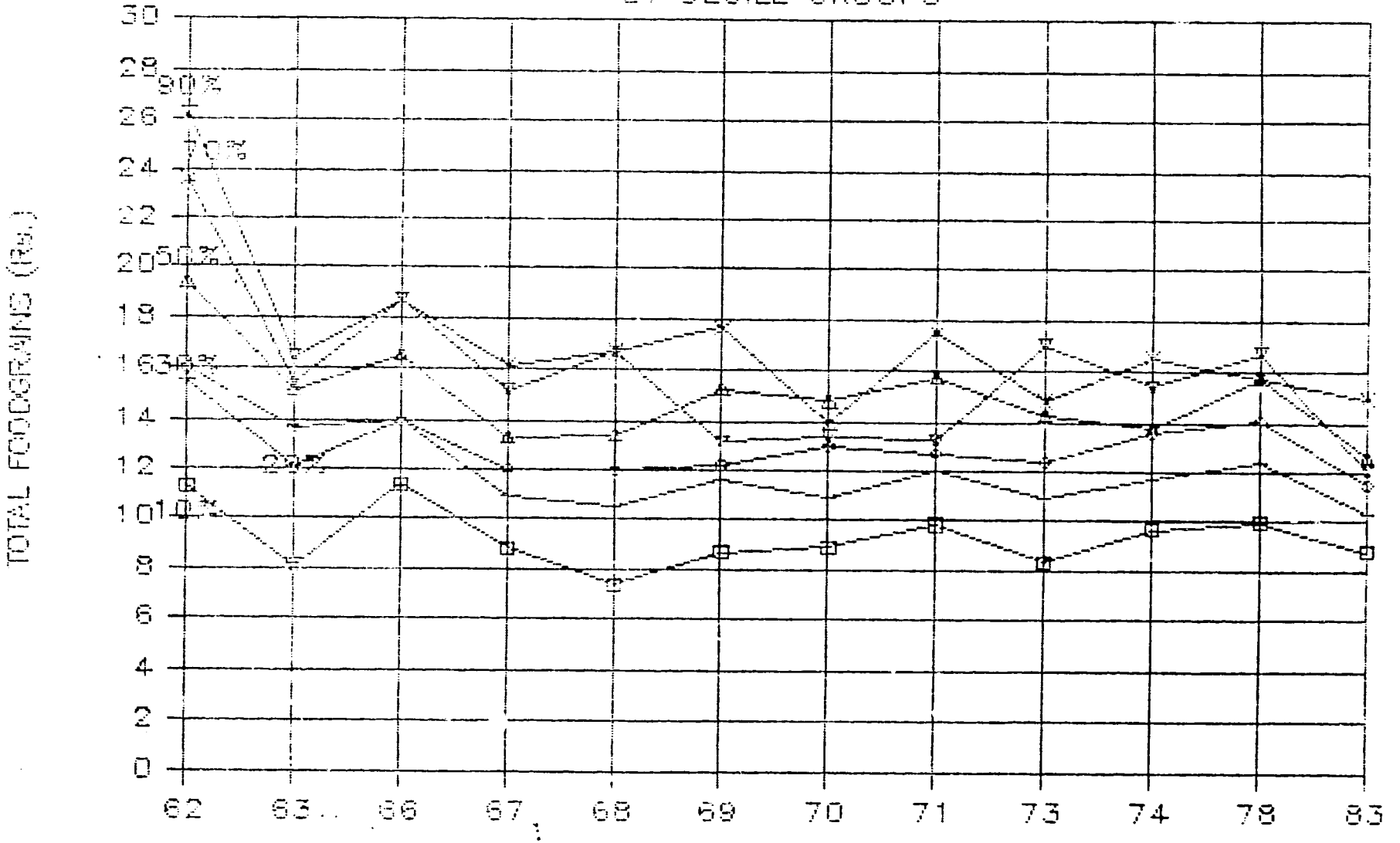



KARNATAKA URBAN

FIG.14

# PER CAPITA EXPENDITURES: 1962–83

BY DECILE GROUPS

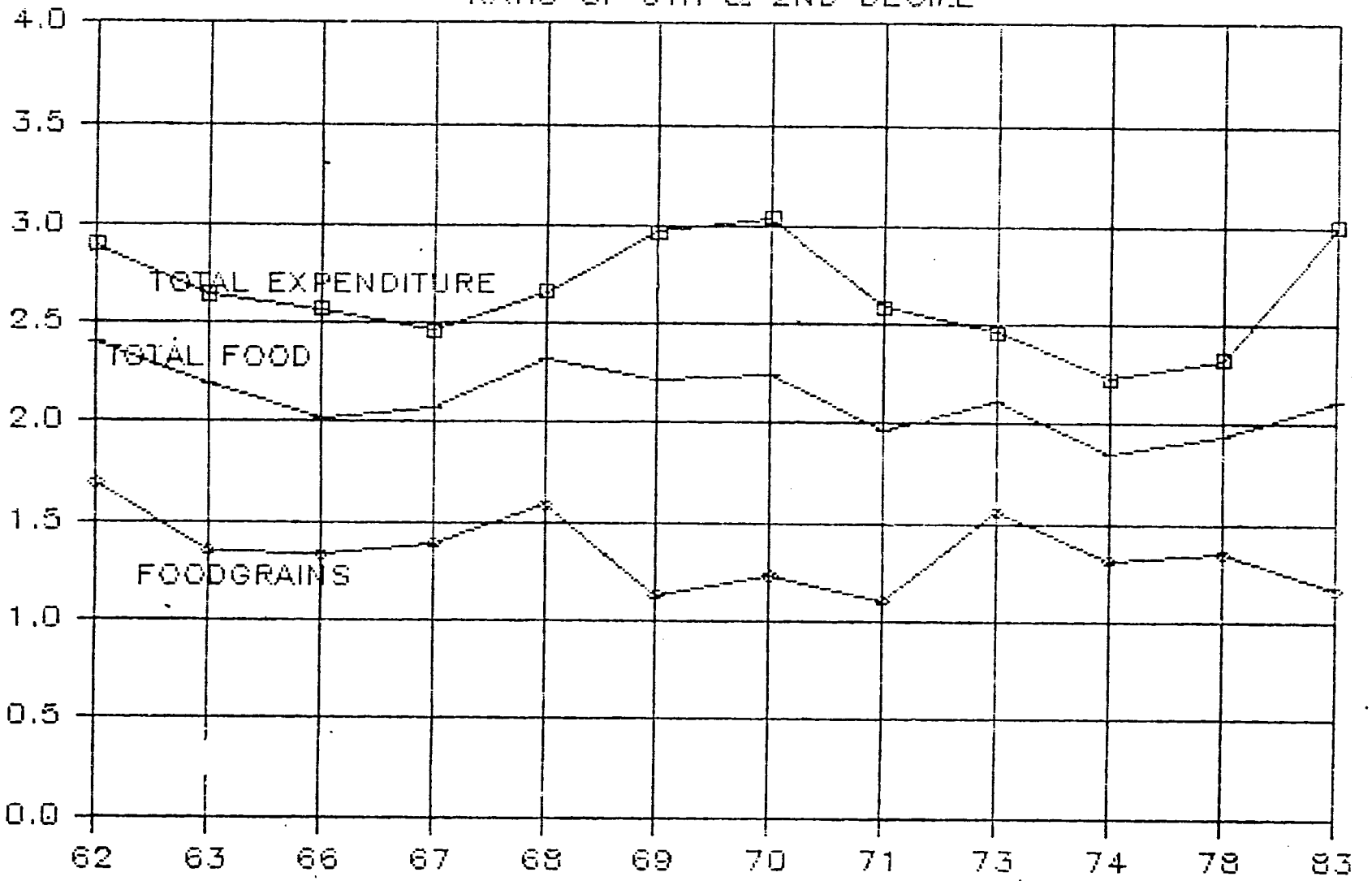



KARNATAKA URBAN

FIG.15

# PER CAPITA EXPENDITURES: 1962–83

RATIO OF 9TH & 2ND DECILE

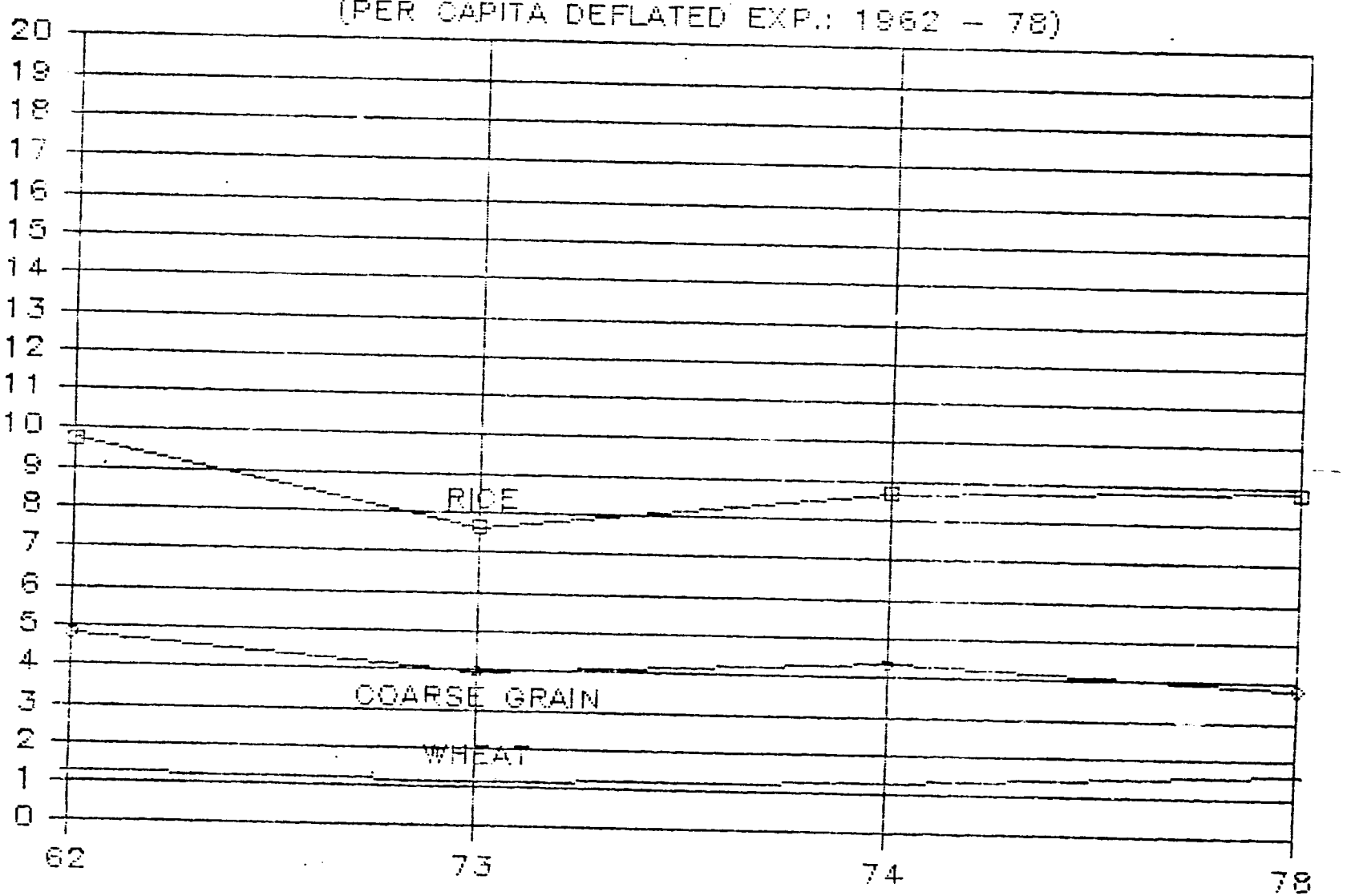



KARNATAKA URBAN

FIG.16

# TRENDS IN CONSUMER EXPENDITURES

(PER CAPITA DEFLATED EXP.: 1962 – 78)

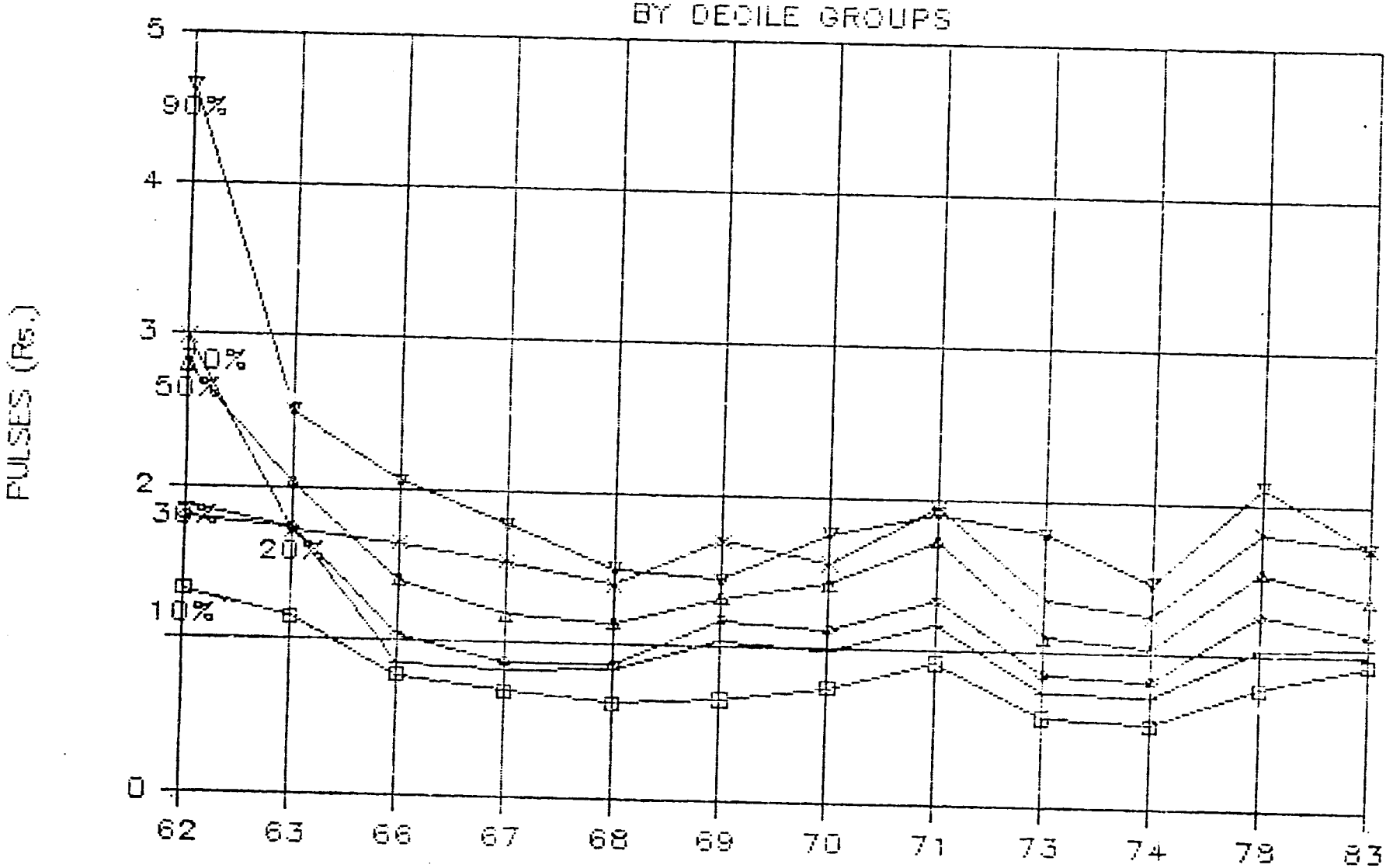



KARNATAKA URBAN

FIG.17

# PER CAPITA EXPENDITURES: 1962-83

BY DECILE GROUPS

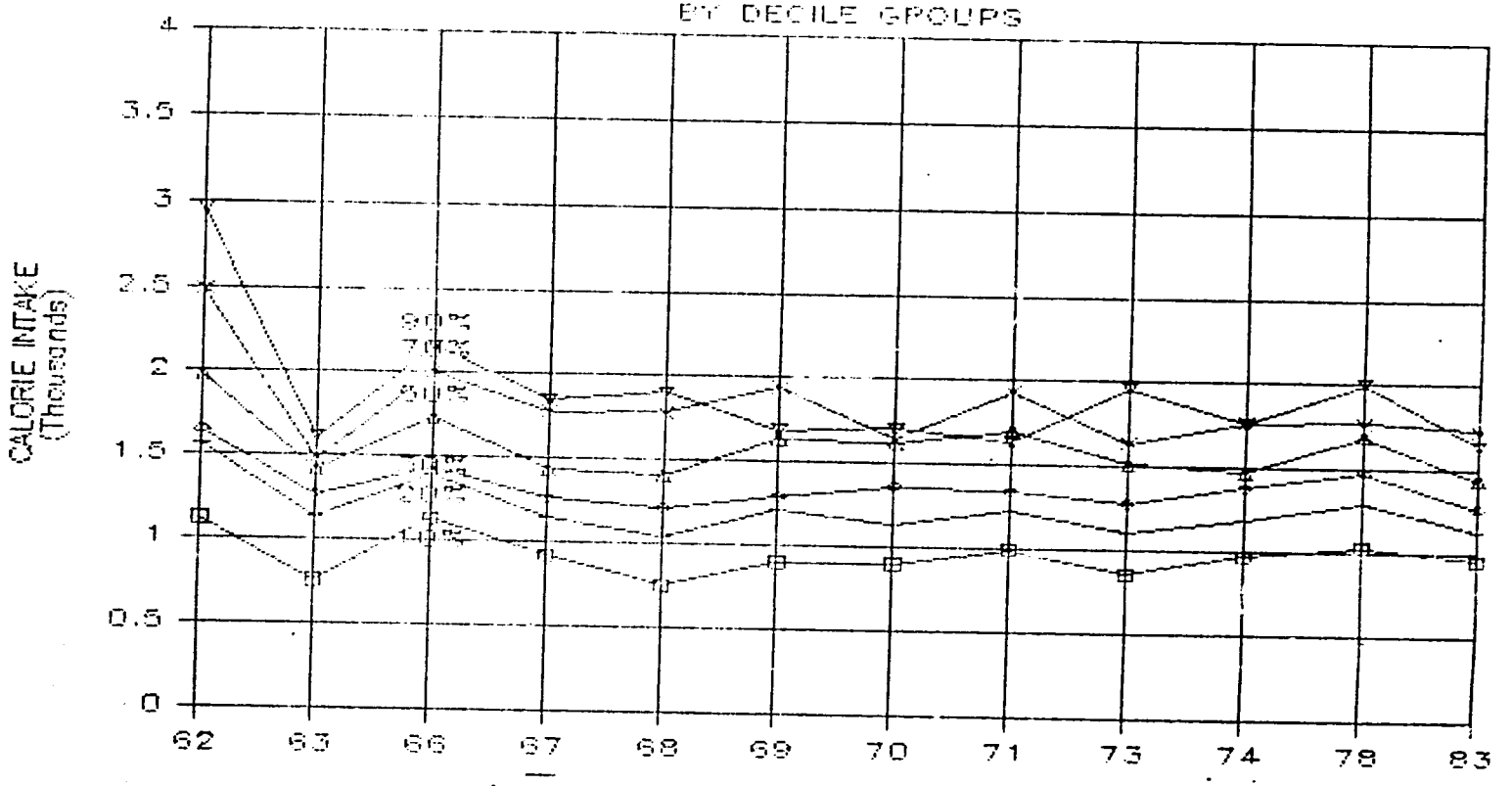



KARNATAKA URBAN

FIG.18

# PER CAPITA ENERGY INTAKE: 1962–83

BY DECILE GROUPS




KARNATAKA URBAN

Fig.19

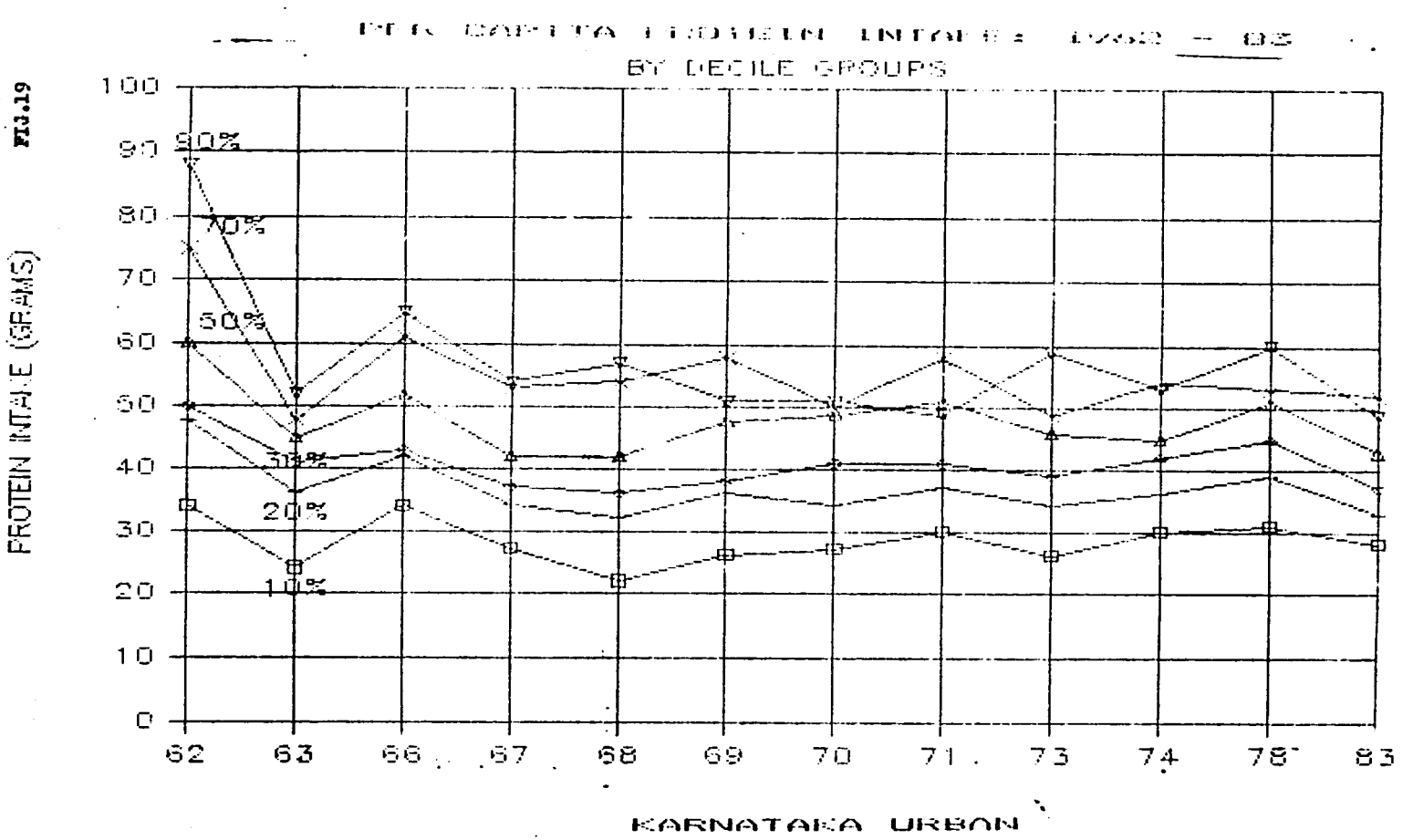
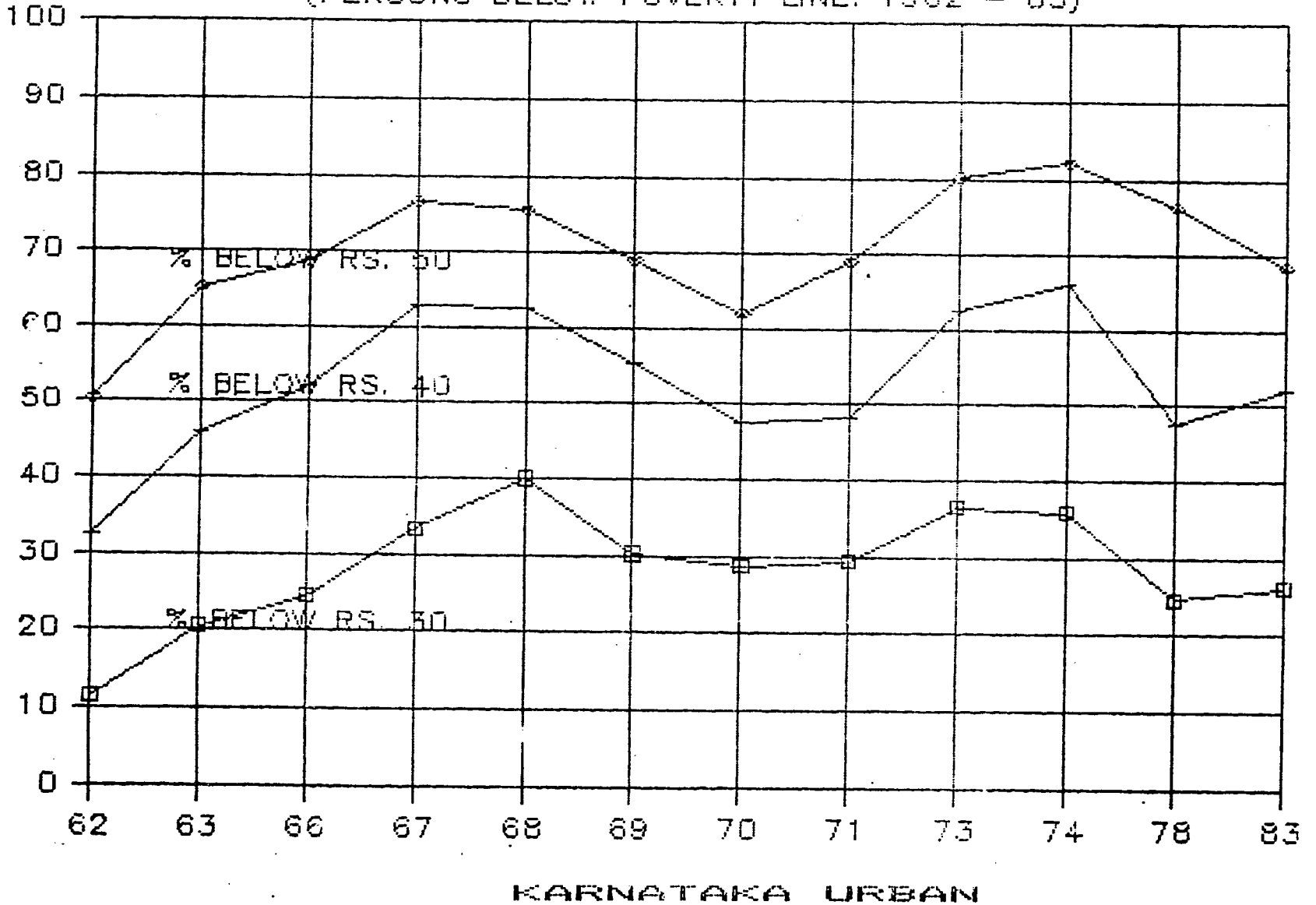

PER CAPITA PROTEIN INTAKE : 1962 - 83
BY DECILE GROUPS
PROTEIN INTAKE (GRAMS)
100
90
80
70
60
50
40
30
20
10
0
90%
70%
50%
30%
20%
10%
62
63
66
67
68
69
70
71
73
74
78
83
KARNATAKA URBAN

FIG.20

# TRENDS IN CONSUMER EXPENDITURES

(PERSONS BELOW POVERTY LINE: 1962 – 83)