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FOOD CONSUMPTION PROFILE OF PUNJAB

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

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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 PUNJAB : RURAL

I. Comments on Prices

Implicit prices of National Sample Survey Organisation in this state are 21% lower than wholesale prices in urban areas and 33% lower than wholesale prices in rural areas. Relatively lower rural prices are the result of a significant proportion of food obtained from own production. Inter-class variations are as much as 7% higher for the rich than for the poor 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 14% in urban areas (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.83 in most of the years from 1961-83. The minimum MPCE was Rs.75 in 1967-68 and the maximum was Rs.109 in 1972-73. MPCE averaged over the three lowest deciles (1, 2 & 3) varied between Rs.37 (1965-66) to Rs.49 (1972-73); the modal value being Rs.43. The minimum of the average MPCE of the upper deciles (average of 7th, 8th and 9th decile) was Rs.90 in 1967-68 and the maximum was Rs.114 in 1972-73. The percentage decline in MPCE from 1961-83 was 11%. The decline of 10% was observed in the case of the upper deciles while there was an increase of 8% in the case of lower deciles. (Figures 1 & 2)

The per capita monthly expenditure on food was around 66% of the expenditure on all items, and of this 33% 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 significant proportion of total expenditure. Expenditure on pulses remained constant throughout the study period whereas expenditure on milk increased. Fig. 1)

The composition of cereals consumed changed in this period. Consumption of wheat, and coarse grains declined in greater proportion as compared to rice during this period (Figure 6).

The daily per capita consumption of cereals in the state was 611 grams in 1961-62 which declined to 506 grams in 1970-71, and to 472 grams in 1977-78 and was at 413 grams in 1983. The decline from 1961-83 was 32%. The consumption of cereals by the lower deciles (average of the three lowest deciles) declined from 479 grams in 1961-62 to 313 grams in 1983 and that of the upper deciles declined from 652 grams in 1961-62 to 479 grams in 1983. The Percentage decline was greater in respect of lower deciles.

The daily per capita consumption of pulses declined steadily from 53 grams in 1961-62 to 47 grams in 1983, a decline of 11%. The pulse

consumption of the lower deciles declined from 39 grams in 1961-62 to 32 grams in 1983. The consumption of pulses by the upper deciles fell from a level of 63 grams in 1961-62 to 55 grams in 1983.

The daily consumption of milk per person was 550 mls. in 1961-62 which increased to 591 mls. in 1977-78 but declined to 532 mls. in 1983. There was an overall decline of 3% during 1961-62 to 1983. The lower deciles consumed sufficient milk of about 184 mls. in 1961-62 and 256 mls. in 1983. Compared to this the upper deciles consumed much larger quantitites of milk, almost three times that of the lower deciles in 1983.

The estimated daily average energy consumption was 3,300 Kcal in 1961-62 which was reduced to 2,600 Kcal in 1983. The daily calorie intake of the lowest decile was rather poor and remained at 1,400 Kcal with little changes during the study period. The average calorie consumption of the three lowest deciles declined from 2,116 Kcal in 1961-62 to 1,749 Kcal in 1983, a decline of 17%. The change in the daily energy consumption of the average of the three upper deciles was from 3,799 Kcal in 1961-62 to 3,116 Kcal in 1983. The decline was 18%. (Figure 8). Only 10% of the rural population in Punjab derived more than 75% of calorie intake from cereals (ICMR norm).

The average daily per capita protein consumption was sufficiently high at 94 grams in 1961-62 which gradually declined to 71 grams in 1983. The average per capita protein intake of the three lowest deciles kept falling throughout the study period from 62 grams in 1961-62 to 47 grams in 1983, a fall of 24%. The upper deciles average protein intake also declined by 19% from 108 grams to 87 grams during 1961-83 (Figure 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 30% in 1983.

The percentage of the population below the ICMR recommended consumption level of 45.2 grams of protein increased from 0% in 1961-62 to 10% in 1983.

The percentage of persons falling short of the proper ratio of (1:4, ICMR norms) pulse protein to cereal protein and having diet lacking in protein quality increased from 90% in 1961-62 to 80% in 1983.

No one was short of milk in Punjab as per ICMR norm of 100 mls. a day throughout the study period.

The percentage of persons having inadequate intake of oil (31 grams a day, ICMR norm) was 90% in 1961-62 as well as in 1983.

The percentage of persons falling below the poverty line consumption expenditure of Rs.40 at 1970-71 prices, decreased from 12% in 1961-62 to 10% in 1983. (Figure 10)

The level of poverty in terms of consumption expenditure of Rs.40 was nearly 30% of that in terms of energy consumption in 1983, (using ICMR recommended intake of 2,150 Kcal).

CHAPTER 3

FOOD CONSUMPTION PROFILE OF PUNJAB : URBAN

Average monthly per capita expenditure on all items (MPCE) was around Rs.75 in most of the years from 1961-83. The minimum MPCE was Rs.69 in 1967-68 and the maximum was Rs.93 in 1972-73. MPCE averaged over the three lowest deciles (1, 2 & 3) varied between Rs.33 (1961-62) to Rs.46 (1972-73); the modal value being Rs.40. The minimum of the average MPCE of the upper deciles (average of 7th, 8th and 9th decile) was Rs.81 in 1977-78 and the maximum was Rs.108 in 1972-73. The percentage increase in MPCE from 1961-83 was 7%. There was, however, decline in both the lower and the upper deciles. The decline of 15% was greater in the case of the upper deciles as compared to the 11% decline of the lower deciles. (Figures 11 & 12)

The per capita monthly expenditure on food was around 61% of the expenditure on all items, and of this 30% 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 significant proportion of total expenditure. Expenditure on pulses remained constant throughout the study period whereas expenditure on milk increased. (Fig. 11)

The composition of cereals consumed changed in this period. The consumption of wheat and coarse grains declined and that of rice increased. (Fig. 16)

The daily per capita consumption of cereals in the state was 412 grams in 1961-62, then increased to 453 gramsin 1966-67, declined to 389 grams in 1970-71, and was at 316 grams in 1983. The decline during 1961-83 was 23%. The consumption of cereals by the lower deciles (average of the three lowest deciles) declined from 406 grams in 1961-62 to 257 grams in 1983 and that of the upper deciles declined from 469 grams in 1961-62 to 311 grams in 1983. Percentage decline was greater in respect of the upper deciles.

The daily per capita consumption of pulses declined steadily from 43 grams in 1961-62 to 40 grams in 1983, a decline of 7%. The pulse consumption of the lower deciles declined from 29 grams in 1961-62 to 27 grams in 1983. The pulse consumption of the upper deciles fell from a level of 54 grams in 1961-62 to 41 grams in 1983.

The daily consumption of milk per person was 364 mls. in 1961-62, increased to 449 mls. in 1977-78 but declined to 420 mls. in 1983. There was an overall increase of 15% during 1961 62 to 1983. The lower deciles consumed sufficient milk - about 101 mls. in 1961-62 and 221 mls. in 1983. Compared to this the upper deciles consumed much larger quantitites of milk, almost twice that of lower deciles in 1983.

The estimated daily average energy consumption was 2,250 Kcal in 1961-62 which was reduced to 2,100 Kcal in 1983. The daily calorie intake of the lowest decile was rather poor keeping at 1,400 Kcal with little change during the study period. The average calorie consumption of the three lowest deciles declined from 1,691 Kcal in 1961-62 to 1,452 Kcal in 1983, the decline being 14%. The change in the daily energy consumption of the average of the three upper deciles was from 2,831 Kcal in 1961-62 to 2,156 Kcal in 1983. The decline was 24%, (Figure 18). Less than 10% people in urban areas of Punjab derived more than 75% of their calorie intake from cereals (ICMR norm)

The average daily per capita protein consumption was sufficiently high at 64 grams in 1961-62 which gradually declined to 58 grams in 1983. The average per capita protein intake of the three lowest deciles kept failing throughout the study period, from 49 grams in 1961-62, to 40 grams in 1983, a fall of 19%. The upper deciles average protein intake also declined by 24% from 79 grams to 60 grams during 1961-83 (Figure 19).

The percentage of population below the ICMR recommended daily per capita calorie intake of 2,150 declined from 50% in 1961-62 to 30% in 1970-71 and increased again to be at 60% in 1983.

The percentage of population below the ICMR recommended consumption level of 15.2 grams of protein increased from 10% in 1961 62 to 20% in 1983.

The percentage of persons falling short of the proper ratio of (1:4, ICMR norm) pulse protein to cereal protein and thereby having diet lacking in quality of protein increased from 30% in 1961-62 to 50% in 1983.

No one lacked milk adequacy whereas 90% were short of oil adequacy.

Percentage of persons falling below the poverty line consumption expenditure of Rs.40 at 1970 71 prices, declined from 24% to 17% during 1961-83 (Fig. 20).

The level of poverty in terms of consumption expenditure of Rs.40 was nearly 30% 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.

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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.

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

$$R_{cj} = \frac{\sum_r R_{icj}\ V27\ icj}{\sum_i V27icj}$$

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

$Lrij = \frac{Prij}{P27ij}$ 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 stimates 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.
9	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
[illegible]	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
1-12	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-[illegible]	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
[illegible]-23	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
[illegible]	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
[illegible]-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
7[illegible]	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-[illegible]	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-[illegible]	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.[illegible]	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	PU	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

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR 1													
PUR	FOODGRAINS	17	16.55	18.89	22.25	20.74	23.83	26.16	26.87	26.09	28.72	39.85	25.20
PUR	FOODGRAINS	18	13.97	17.23	19.49	20.64	21.83	24.07	25.02	24.77	26.15	32.16	22.11
PUR	FOODGRAINS	20	11.77	15.46	16.61	18.75	20.13	23.61	22.80	22.10	24.39	29.85	19.73
PUR	FOODGRAINS	21	15.12	17.58	19.19	22.78	22.91	24.53	24.13	27.68	28.54	40.30	23.00
PUR	FOODGRAINS	22	12.43	13.72	14.39	15.08	16.83	16.49	18.27	18.20	16.89	28.60	16.85
PUR	FOODGRAINS	23	14.70	18.27	19.15	21.11	19.73	21.94	20.87	24.93	24.28	44.15	22.02
PUR	FOODGRAINS	24	11.44	14.57	16.33	18.16	19.02	19.20	22.06	20.22	23.94	37.66	19.48
PUR	FOODGRAINS	25	11.71	16.02	16.23	18.02	17.45	19.97	19.71	22.70	21.19	36.75	19.69
PUR	FOODGRAINS	27	12.44	14.73	16.42	16.82	18.98	18.98	21.91	22.04	22.48	21.42	20.25
PUR	FOODGRAINS	28	12.73	13.54	16.09	15.56	17.46	19.72	20.07	23.47	23.50	24.19	18.66
PUR	FOODGRAINS	32	10.54	14.18	15.60	15.88	18.14	17.59	19.93	23.57	25.21	31.60	18.44
PUR	FOODGRAINS	38	10.39	11.92	14.14	14.85	16.47	16.41	18.56	19.17	19.27	25.66	16.32

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR 2													
PUR	CEREALS	17	14.63	15.96	18.69	18.20	20.42	21.61	21.86	21.56	23.45	30.84	20.89
PUR	CEREALS	18	12.84	15.58	17.68	18.62	19.73	21.75	22.70	22.43	23.51	28.13	19.90
PUR	CEREALS	20	10.34	14.25	15.26	17.07	18.25	21.40	20.49	19.82	21.48	25.81	17.76
PUR	CEREALS	21	14.03	16.09	17.48	20.75	20.83	22.29	21.78	24.98	25.41	36.02	20.84
PUR	CEREALS	22	12.23	12.89	13.48	13.99	15.62	15.20	16.83	16.69	15.44	26.15	15.63
PUR	CEREALS	23	13.38	16.08	16.83	18.55	17.39	19.33	18.36	21.94	21.01	38.20	19.28
PUR	CEREALS	24	10.27	12.79	14.50	16.12	16.90	16.93	19.45	17.73	21.00	33.04	17.20
PUR	CEREALS	25	10.39	14.01	14.28	15.85	15.49	17.73	17.49	20.14	18.52	32.13	17.31
PUR	CEREALS	27	11.37	13.25	14.77	14.92	16.83	16.55	19.11	18.87	18.97	17.17	17.41
PUR	CEREALS	28	11.91	12.57	14.94	14.19	15.92	17.99	18.06	21.12	20.99	20.84	16.86
PUR	CEREALS	32	9.62	12.86	14.01	14.12	16.12	15.50	17.56	20.78	21.87	26.29	16.14
PUR	CEREALS	38	9.19	10.51	12.46	13.01	14.43	14.27	16.13	16.57	16.45	21.44	14.12

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR 3												
PUR RICE & PR	17	4.53	2.28	2.68	2.75	2.84	3.38	3.66	2.85	2.48	3.68	3.15
PUR RICE & PR	27	1.15	1.41	1.57	1.48	1.66	1.53	1.77	1.99	2.09	1.94	1.79
PUR RICE & PR	28	1.07	1.27	1.51	1.23	1.38	1.56	1.47	1.72	2.03	2.51	1.58
PUR RICE & PR	32	0.79	1.18	1.32	1.46	1.67	1.78	2.01	2.38	2.62	3.36	1.77

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR 4												
PUR WHEAT & PR	17	6.[illegible]	9.19	10.83	9.07	12.13	15.26	17.47	17.74	18.76	23.75	14.32
PUR WHEAT & PR	27	7.[illegible]	9.04	10.08	10.93	12.33	12.92	14.92	15.10	15.43	14.77	13.60
PUR WHEAT & PR	28	9.64	11.13	13.23	12.80	14.36	16.23	16.39	19.17	19.61	19.93	15.29
PUR WHEAT & PR	32	7.37	10.41	11.19	11.23	12.82	12.33	13.96	16.52	17.30	21.02	12.84

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR 5													
PUR	JAWAR & PR	17	0.00	0.09	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUR	JAWAR & PR	27	0.02	0.10	0.11	0.11	0.12	0.06	0.07	0.05	0.08	0.01	0.08
PUR	JAWAR & PR	28	0.30	0.13	0.15	0.17	0.19	0.21	0.22	0.26	0.13	0.05	0.17
PUR	JAWAR & PR	32	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.03	0.03	0.09	0.03

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	[illegible]	80%	90%	100%	AVERAGE
** STATE: PUR 6													
PUR	BAJRA & PR	17	1.00	1.23	1.45	2.76	3.34	[illegible]	[illegible]	0.23	0.73	0.93	1.25
PUR	BAJRA & PR	27	0.08	0.03	0.04	0.08	0.09	[illegible]	[illegible]	0.07	0.06	0.34	0.09
PUR	BAJRA & PR	28	0.02	0.20	0.24	0.33	0.37	0.42	0.44	0.51	0.36	0.46	0.31
PUR	BAJRA & PR	32	0.07	0.07	0.14	0.18	0.21	0.18	0.21	0.25	0.26	0.34	0.19

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR 7												
PUR MAIZE & PR	17	2.72	2.88	3.40	2.82	1.50	1.23	1.18	1.32	2.03	3.24	2.24
PUR MAIZE & PR	27	3.30	3.12	3.47	2.94	3.31	2.74	3.17	2.64	2.35	1.12	2.70
PUR MAIZE & PR	28	2.09	1.49	1.77	1.58	1.78	2.01	2.00	2.34	1.98	1.25	1.84
PUR MAIZE & PR	32	1.23	1.35	1.52	1.40	1.60	1.40	1.59	1.88	1.95	1.87	1.52

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR 8												
PUR RAGI & PR	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUR RAGI & PR	27	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.00	0.00
PUR RAGI & PR	28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUR RAGI & PR	32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR 9													
PUR	BARLEY &PR	17	0.17	0.12	0.14	[illegible]	0.18	0.12	0.15	0.08	0.00	0.02	0.13
PUR	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
PUR	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
PUR	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

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR10													
PUR	SM. MILLET	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUR	SM. MILLET	27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUR	SM. MILLET	28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUR	SM. MILLET	32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR11												
PUR GRAM	17	0.02	1.05	1.23	0.62	0.93	1.70	1.89	1.36	1.99	4.51	1.55
PUR GRAM	20	0.00	0.00	0.00	0.10	0.08	0.10	0.00	0.00	0.14	0.33	0.07
PUR GRAM	21	0.00	0.00	0.04	0.04	0.04	0.04	0.07	0.08	0.08	0.00	0.04
PUR GRAM	22	0.00	0.05	0.05	0.02	0.02	0.02	0.02	0.03	0.07	0.11	0.04
PUR GRAM	23	0.00	0.00	0.01	0.01	0.01	0.01	0.13	0.16	0.32	0.58	0.13
PUR GRAM	24	0.00	0.12	0.10	0.11	0.07	0.09	0.10	0.11	0.13	0.21	0.10
PUR GRAM	25	0.00	0.19	0.12	0.13	0.02	0.02	0.05	0.06	0.06	0.11	0.07
PUR GRAM	27	0.03	0.05	0.05	0.05	0.06	0.08	0.09	0.21	0.33	0.29	0.18
PUR GRAM	28	0.02	0.01	0.02	0.03	0.03	0.04	0.09	0.10	0.10	0.42	0.08
PUR GRAM	32	0.11	0.15	0.18	0.23	0.26	0.31	0.35	0.41	0.51	0.94	0.35
PUR GRAM	38	0.04	0.08	0.09	0.11	0.12	0.15	0.17	0.20	0.23	0.41	0.16

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR13												
PUR CEREAL SUB	17	0.00	0.00	0.00	0.00	0.00	0.08	0.08	0.00	0.00	0.00	0.03
PUR CEREAL SUB	18	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.17	0.21	0.00	0.05
PUR CEREAL SUB	20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUR CEREAL SUB	21	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
PUR CEREAL SUB	22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUR CEREAL SUB	23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUR CEREAL SUB	24	0.07	0.05	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.01
PUR 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
PUR CEREAL SUB	27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.01	0.01
PUR 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
PUR CEREAL SUB	32	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00
PUR CEREAL SUB	38	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.00	0.02	0.02	0.01

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR14												
PUR PULSE & PR	17	1.61	1.76	2.08	1.56	2.15	2.52	2.86	2.95	3.08	4.49	2.50
PUR PULSE & PR	18	1.07	1.40	1.73	1.94	2.02	2.23	2.22	2.07	2.33	3.95	2.07
PUR PULSE & PR	20	1.05	1.36	1.51	1.75	1.97	2.31	2.49	2.46	2.93	3.84	2.06
PUR PULSE & PR	21	1.23	1.64	1.82	2.16	2.22	2.37	2.44	2.79	3.20	4.54	2.28
PUR PULSE & PR	22	0.78	1.26	1.37	1.57	1.75	1.79	1.99	2.03	1.88	3.19	1.73
PUR PULSE & PR	23	1.23	2.11	2.23	2.45	2.24	2.49	2.27	2.72	2.86	5.20	2.51
PUR PULSE & PR	24	1.09	1.59	1.69	1.88	2.00	2.16	2.48	2.34	2.78	4.37	2.13
PUR PULSE & PR	25	1.32	1.83	1.83	2.03	1.94	2.22	2.17	2.49	2.60	4.52	2.30
PUR PULSE & PR	27	1.20	1.59	1.77	2.00	2.25	2.46	2.95	3.04	3.22	3.87	2.74
PUR PULSE & PR	28	1.11	1.26	1.50	1.63	1.83	2.07	2.24	2.62	2.75	3.05	2.04
PUR PULSE & PR	32	1.03	1.45	1.68	1.79	2.04	2.02	2.29	2.71	3.10	4.44	2.18
PUR PULSE & PR	38	1.29	1.49	1.76	1.90	2.11	2.15	2.44	2.58	2.69	3.85	2.18

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR15												
PUR MILK & PR	17	3.97	7.06	8.32	15.10	16.92	17.29	19.03	25.84	34.21	43.41	19.15
PUR MILK & PR	18	4.38	8.32	9.97	12.16	15.05	16.59	21.30	24.63	29.82	46.41	18.67
PUR MILK & PR	20	3.73	6.22	8.39	10.76	12.68	14.87	17.91	21.60	27.70	41.82	15.97
PUR MILK & PR	21	5.29	7.92	8.60	10.20	13.66	14.62	22.11	25.36	31.86	62.67	18.99
PUR MILK & PR	22	3.28	6.84	10.36	12.17	13.59	16.64	18.43	23.55	27.24	46.13	17.84
PUR MILK & PR	23	4.96	9.06	11.92	13.14	15.48	17.21	21.13	25.25	28.37	51.59	19.82
PUR MILK & PR	24	4.96	7.75	9.90	11.01	16.05	20.06	23.06	26.90	31.87	50.12	19.15
PUR MILK & PR	25	6.01	8.82	10.13	11.24	13.35	15.28	19.96	22.99	27.12	47.03	19.40
PUR MILK & PR	27	5.08	7.91	8.82	11.22	12.66	15.95	18.42	22.90	29.14	30.77	20.09
PUR MILK & PR	28	5.53	8.62	10.24	12.61	14.14	15.98	19.44	22.74	27.52	38.50	18.18
PUR MILK & PR	32	6.09	9.45	11.57	14.76	16.85	20.35	23.06	27.27	33.22	49.78	20.83
PUR MILK & PR	38	5.98	9.30	11.27	13.67	15.16	18.20	20.58	24.79	28.53	40.57	18.50

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR16												
PUR EDIBLE OIL	17	1.00	1.08	1.27	1.08	1.22	2.10	2.55	1.75	1.97	6.84	2.11
PUR EDIBLE OIL	20	1.15	1.40	1.82	2.03	1.65	1.94	2.04	2.65	2.51	2.21	1.90
PUR EDIBLE OIL	21	1.06	1.70	2.10	2.49	2.54	2.72	2.31	2.64	2.02	3.26	2.13
PUR EDIBLE OIL	22	0.75	1.41	1.30	1.53	1.71	1.84	2.03	1.84	1.90	3.22	1.75
PUR EDIBLE OIL	23	1.13	2.01	1.81	1.99	1.77	1.97	2.10	2.51	3.25	5.91	2.47
PUR EDIBLE OIL	24	1.36	1.86	2.08	2.32	2.17	2.18	2.51	2.71	3.21	5.05	2.40
PUR EDIBLE OIL	25	1.76	1.72	2.07	2.30	2.53	2.90	2.73	3.14	2.99	5.18	2.69
PUR EDIBLE OIL	27	1.85	2.50	2.79	2.86	3.22	3.20	3.70	3.72	3.67	5.20	3.49
PUR EDIBLE OIL	28	1.70	1.78	2.12	2.14	2.41	2.72	2.73	3.25	3.44	3.94	2.67
PUR EDIBLE OIL	32	1.55	2.11	2.25	2.27	2.60	2.57	2.92	3.45	3.70	5.21	2.78
PUR EDIBLE OIL	38	1.80	2.19	2.60	2.67	2.97	3.01	3.40	3.54	3.51	5.60	3.07

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR17												
PUR MEAT,EGG,F	17	0.00	0.26	0.30	0.21	0.80	0.78	1.02	2.62	2.93	1.89	1.14
PUR MEAT,EGG,F	20	0.15	0.18	0.12	0.12	0.34	0.40	0.83	1.14	1.43	1.60	0.6[illegible]
PUR MEAT,EGG,F	21	0.08	0.09	0.16	0.18	0.30	0.32	0.74	0.85	1.11	1.50	0.54
PUR MEAT,EGG,F	22	0.03	0.09	0.09	0.20	0.22	0.33	0.37	0.73	1.34	2.28	0.59
PUR MEAT,EGG,F	23	0.02	0.21	0.30	0.33	0.36	0.41	0.88	1.05	1.70	3.09	0.89
PUR MEAT,EGG,F	24	0.24	0.39	0.52	0.58	0.55	0.99	1.14	1.76	2.08	3.28	1.06
PUR MEAT,EGG,F	25	0.07	0.08	0.32	0.35	0.64	0.73	1.18	1.36	1.87	3.24	1.13
PUR MEAT,EGG,F	27	0.17	0.29	0.33	0.49	0.55	0.85	0.98	1.37	1.75	3.50	1.28
PUR MEAT,EGG,F	28	0.18	0.27	0.32	0.50	0.56	0.64	0.91	1.06	1.59	3.36	0.99
PUR MEAT,EGG,F	32	0.19	0.31	0.36	0.45	0.52	0.70	0.79	0.93	1.43	3.03	0.91
PUR MEAT,EGG,F	38	0.11	0.25	0.29	0.37	0.41	0.58	0.66	0.83	1.31	2.67	0.74

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR18													
PUR	VEG,FR,NUT	20	0.98	1.56	1.80	1.72	1.95	2.29	2.92	3.23	3.30	4.26	2.35
PUR	VEG,FR,NUT	21	1.16	1.61	1.63	1.93	2.04	2.19	2.53	2.90	3.06	4.77	2.28
PUR	VEG,FR,NUT	22	0.94	1.34	1.53	1.88	2.09	2.40	2.66	3.13	3.41	5.77	2.51
PUR	VEG,FR,NUT	23	0.90	1.89	2.03	2.24	2.32	2.58	2.79	3.33	3.85	6.99	2.92
PUR	VEG,FR,NUT	24	1.47	2.30	2.47	2.75	2.87	3.04	3.50	4.32	5.11	8.04	3.43
PUR	VEG,FR,NUT	25	1.70	2.10	2.31	2.57	2.77	3.17	3.40	3.92	4.18	7.25	3.42
PUR	VEG,FR,NUT	27	1.98	2.61	2.90	3.10	3.49	3.79	4.37	4.80	5.41	7.01	4.49
PUR	VEG,FR,NUT	28	2.01	2.29	2.73	2.97	3.22	3.64	3.94	4.60	5.28	6.55	3.81
PUR	VEG,FR,NUT	32	1.69	2.35	2.71	3.00	3.43	3.72	4.22	4.99	5.86	8.43	3.94
PUR	VEG,FR,NUT	38	2.01	2.69	3.19	3.52	3.91	4.23	4.79	5.32	5.97	8.68	4.33

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR21													
PUR	SUGAR	17	1.56	2.78	3.27	3.63	4.37	5.24	7.15	7.61	9.30	21.06	6.66
PUR	SUGAR	20	2.03	2.92	3.02	3.56	4.21	4.93	5.47	6.00	7.00	9.79	4.70
PUR	SUGAR	21	2.59	3.63	4.20	4.98	5.41	5.79	6.22	7.13	8.11	12.71	5.78
PUR	SUGAR	22	2.91	4.99	5.88	6.96	7.77	8.74	9.68	10.29	11.23	19.03	8.73
PUR	SUGAR	23	3.74	5.85	6.25	6.89	7.61	8.46	10.80	12.91	13.89	25.25	10.13
PUR	SUGAR	24	2.73	3.62	4.03	4.49	5.30	5.92	6.80	6.65	7.88	12.39	5.68
PUR	SUGAR	25	2.60	3.36	3.77	4.19	4.66	5.33	5.93	6.83	7.48	12.97	5.90
PUR	SUGAR	27	2.85	3.68	4.11	4.70	5.30	5.66	6.54	6.90	7.72	9.51	6.43
PUR	SUGAR	28	2.91	3.60	4.28	4.55	5.11	5.77	6.12	7.16	7.53	7.90	5.59
PUR	SUGAR	32	2.54	3.52	3.90	4.17	4.76	4.94	5.60	6.62	7.37	10.72	5.29
PUR	SUGAR	38	2.93	3.79	4.49	4.75	5.27	5.38	6.08	6.83	7.49	10.55	5.66

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR22													
PUR	SALT,SPICE	17	0.07	0.08	0.10	0.08	0.10	0.11	0.11	0.12	0.12	0.13	0.11
PUR	SALT,SPICE	20	0.73	0.96	1.08	1.16	1.10	1.29	1.38	1.52	1.64	2.18	1.28
PUR	SALT,SPICE	21	0.80	1.03	1.15	1.36	1.35	1.44	1.47	1.68	1.77	2.76	1.40
PUR	SALT,SPICE	22	0.68	0.70	0.71	0.83	0.93	0.96	1.06	1.07	1.15	1.95	1.00
PUR	SALT,SPICE	23	0.92	1.08	1.18	1.30	1.31	1.45	1.56	1.86	1.96	3.56	1.58
PUR	SALT,SPICE	24	0.98	1.47	1.66	1.84	1.79	1.90	2.18	2.27	2.68	4.22	1.99
PUR	SALT,SPICE	25	1.36	1.58	1.62	1.80	1.92	2.20	2.40	2.76	2.84	4.92	2.39
PUR	SALT,SPICE	27	1.35	1.32	1.69	1.75	1.97	2.02	2.33	2.38	2.50	2.65	2.21
PUR	SALT,SPICE	28	1.13	1.28	1.53	1.53	1.71	1.94	1.98	2.32	2.47	3.02	1.91
PUR	SALT,SPICE	32	1.03	1.41	1.57	1.65	1.89	1.90	2.15	2.55	2.85	4.00	2.04
PUR	SALT,SPICE	38	0.98	1.12	1.33	1.44	1.59	1.63	1.85	2.01	2.21	2.99	1.68

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR25													
PUR	BEV,REF.	20	0.91	1.34	2.03	1.98	1.76	2.07	2.42	2.99	3.93	5.54	2.48
PUR	BEV,REF.	21	0.89	1.41	1.47	1.74	2.06	2.20	2.40	2.75	2.84	5.40	2.24
PUR	BEV,REF.	22	0.91	1.27	1.32	1.68	1.87	2.13	2.36	3.08	4.28	7.25	2.61
PUR	BEV,REF.	23	1.10	1.53	1.72	1.90	2.15	2.39	2.58	3.09	3.91	7.11	2.80
PUR	BEV,REF.	24	1.43	2.00	2.35	2.62	3.70	3.75	4.30	4.47	5.30	8.34	3.73
PUR	BEV,REF.	25	1.44	1.42	2.59	2.88	3.70	4.24	4.19	4.83	5.29	9.18	4.12
PUR	BEV,REF.	27	1.65	2.20	2.45	3.31	3.73	3.70	4.57	4.52	5.05	9.37	4.48
PUR	BEV,REF.	28	1.54	1.68	2.00	2.13	2.39	2.70	3.02	3.53	4.68	4.85	3.13
PUR	BEV,REF.	32	1.47	2.10	2.39	2.55	2.91	3.08	3.49	4.13	4.96	7.30	3.36
PUR	BEV,REF.	38	1.88	2.43	2.88	3.27	3.63	3.87	4.38	4.87	6.11	8.31	4.07

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR26												
PUR OTHER FOOD	17	4.51	4.49	5.29	5.14	6.91	7.84	9.70	10.83	13.02	19.97	8.86
PUR OTHER FOOD	18	4.99	7.18	9.83	11.39	11.04	12.17	13.54	17.08	19.61	29.76	13.36

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR27												
PUR TOTAL FOOD	17	26.00	32.78	38.61	43.93	51.49	56.53	63.06	71.06	85.98	127.27	60.17
PUR TOTAL FOOD	18	23.33	32.50	38.98	43.74	47.27	52.13	58.81	65.18	73.91	105.52	53.17
PUR TOTAL FOOD	20	21.68	30.22	34.87	40.01	43.74	51.29	55.40	60.54	70.85	95.30	48.64
PUR TOTAL FOOD	21	27.36	35.13	38.66	45.89	50.08	53.60	60.88	69.82	77.52	120.33	55.60
PUR TOTAL FOOD	22	22.99	30.94	35.78	40.30	45.00	49.02	54.30	60.57	65.34	110.65	51.20
PUR TOTAL FOOD	23	27.60	39.87	44.31	48.84	50.46	56.10	61.97	74.05	80.12	145.70	62.06
PUR TOTAL FOOD	24	24.54	33.89	39.26	43.65	51.15	56.56	65.00	68.46	81.09	127.55	56.44
PUR TOTAL FOOD	25	26.65	35.10	39.05	43.35	47.04	53.82	59.50	68.54	72.95	126.52	58.73
PUR TOTAL FOOD	27	29.74	38.51	42.93	48.07	54.23	58.89	68.00	73.72	83.16	96.33	67.69
PUR TOTAL FOOD	28	29.53	35.14	41.76	44.41	49.83	56.29	61.57	72.01	80.01	96.42	58.00
PUR TOTAL FOOD	32	24.72	34.84	39.59	43.73	49.93	53.44	60.54	71.61	82.19	116.81	56.19
PUR TOTAL FOOD	38	25.50	33.01	39.15	43.30	48.02	51.69	58.46	65.17	72.08	101.99	52.77

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR30												
PUR TOTAL EXP.	17	30.68	42.31	49.84	57.78	73.01	82.75	95.80	108.24	131.71	247.15	92.89
PUR TOTAL EXP.	18	29.69	41.56	51.28	59.35	66.59	73.43	85.14	97.62	117.28	188.16	79.60
PUR TOTAL EXP.	20	26.71	38.76	45.48	51.06	56.64	66.43	76.98	90.93	111.29	221.21	77.96
PUR TOTAL EXP.	21	33.36	43.92	48.89	58.01	64.05	68.56	78.97	90.57	104.67	245.79	83.81
PUR TOTAL EXP.	22	28.25	39.30	45.27	52.36	58.47	66.26	73.39	85.97	111.03	188.03	75.25
PUR TOTAL EXP.	23	34.54	49.61	59.65	64.64	70.65	78.56	91.79	109.69	133.52	242.78	94.70
PUR TOTAL EXP.	24	32.02	45.22	53.38	59.36	70.00	80.68	92.72	109.14	129.26	203.32	83.64
PUR TOTAL EXP.	25	33.82	44.94	50.69	56.27	62.60	71.63	83.41	96.08	115.16	199.73	86.55
PUR TOTAL EXP.	27	38.73	50.55	56.35	64.42	72.68	83.53	96.45	110.31	134.20	237.16	108.38
PUR TOTAL EXP.	28	34.24	42.99	51.10	56.74	63.68	71.93	81.65	95.50	113.95	177.92	80.85
PUR TOTAL EXP.	32	31.99	45.61	53.32	61.06	69.73	77.87	88.22	104.35	127.73	219.89	87.92
PUR TOTAL EXP.	38	33.93	45.21	53.62	60.71	67.32	75.04	84.86	99.45	119.50	196.14	82.54

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUR31												
PUR NON FOOD	17	4.67	9.54	11.23	13.65	21.52	26.22	32.73	37.18	45.74	119.87	32.72
PUR NON FOOD	18	6.36	9.06	12.30	15.61	19.32	21.30	26.33	32.45	43.37	82.64	26.43
PUR NON FOOD	20	5.03	8.54	10.62	11.05	12.90	15.13	21.58	30.39	40.44	125.91	29.32
PUR NON FOOD	21	6.00	8.79	10.22	12.13	13.97	14.95	18.09	20.74	27.16	125.46	28.21
PUR NON FOOD	22	5.27	8.37	9.49	12.06	13.47	17.24	19.09	25.40	45.69	77.38	24.05
PUR NON FOOD	23	6.94	9.93	14.33	15.79	20.20	22.46	29.82	35.64	53.39	97.09	32.64
PUR NON FOOD	24	7.48	11.33	14.12	15.70	18.84	24.11	27.71	40.67	48.17	75.78	27.20
PUR NON FOOD	25	7.18	9.84	11.64	12.92	15.56	17.81	23.91	27.54	42.21	73.21	27.82
PUR NON FOOD	27	9.00	12.04	13.43	16.35	18.45	24.64	28.45	36.60	51.04	140.82	41.19
PUR NON FOOD	28	4.71	7.85	9.33	12.34	13.85	15.64	20.08	23.49	33.93	81.51	22.86
PUR NON FOOD	32	7.27	10.76	13.73	17.33	19.79	24.43	27.68	32.74	45.54	103.08	31.73
PUR NON FOOD	38	8.42	12.20	14.47	17.40	19.30	23.35	26.41	34.28	47.42	94.15	29.76

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU 1													
PUU	FOODGRAINS	17	10.34	18.83	17.40	15.11	16.24	17.99	17.20	21.44	20.31	23.19	17.00
PUU	FOODGRAINS	18	8.71	13.45	14.54	15.80	10.67	17.66	17.81	16.14	17.31	19.83	14.52
PUU	FOODGRAINS	20	9.99	12.56	13.84	13.78	14.89	14.27	15.91	16.38	14.65	14.79	13.35
PUU	FOODGRAINS	21	10.93	15.39	16.20	16.29	18.03	18.45	18.12	22.23	19.93	34.89	17.23
PUU	FOODGRAINS	22	10.89	10.92	11.92	13.09	13.66	15.21	14.24	13.37	13.87	23.15	13.19
PUU	FOODGRAINS	23	11.53	12.28	14.65	14.89	15.94	15.31	14.67	18.37	16.65	24.83	15.17
PUU	FOODGRAINS	24	10.56	11.25	13.91	13.47	15.27	16.93	17.04	13.26	15.59	27.20	14.41
PUU	FOODGRAINS	25	10.96	12.82	14.81	14.39	16.98	16.45	19.33	13.85	16.76	29.94	15.34
PUU	FOODGRAINS	27	9.69	12.87	12.96	14.83	14.29	16.29	15.97	18.38	17.31	15.41	14.27
PUU	FOODGRAINS	28	10.75	12.01	13.49	13.31	13.54	14.15	15.50	14.00	17.37	15.31	13.84
PUU	FOODGRAINS	32	9.56	12.42	12.94	13.38	12.97	12.00	13.38	15.41	16.39	16.19	13.96
PUU	FOODGRAINS	38	5.42	10.64	10.92	10.81	12.31	11.83	13.32	13.83	11.11	19.23	12.77

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU 2													
PUU	CEREALS	17	9.28	16.91	15.42	11.45	12.45	15.21	14.67	17.12	16.29	19.02	14.09
PUU	CEREALS	18	7.98	12.20	13.07	14.10	9.61	15.85	15.97	14.10	14.84	17.00	12.88
PUU	CEREALS	20	9.00	11.06	12.11	12.25	13.24	12.69	14.14	14.45	12.53	12.26	11.73
PUU	CEREALS	21	10.00	14.21	14.85	14.76	16.34	16.39	15.95	19.57	17.69	30.98	15.48
PUU	CEREALS	22	10.69	10.64	11.18	12.27	12.72	14.17	13.26	11.98	12.27	20.48	12.14
PUU	CEREALS	23	10.63	10.98	13.10	13.16	14.09	13.30	12.49	15.64	14.09	21.01	13.21
PUU	CEREALS	24	9.52	10.08	11.66	11.96	13.64	13.10	14.95	11.51	13.88	23.61	12.71
PUU	CEREALS	25	9.70	11.23	12.98	13.14	14.99	14.45	16.98	11.79	14.27	25.49	13.29
PUU	CEREALS	27	8.76	11.41	11.30	12.93	12.23	13.94	13.43	15.45	14.21	11.99	12.03
PUU	CEREALS	28	10.07	11.21	12.59	12.28	13.69	12.69	13.91	12.23	15.18	12.50	12.39
PUU	CEREALS	32	8.67	11.32	11.59	11.93	11.48	10.42	11.62	13.38	14.50	13.23	12.17
PUU	CEREALS	38	7.45	9.40	9.50	9.30	10.60	9.98	11.24	11.51	9.12	15.80	10.81

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU 3												
PUU RICE & PR	17	0.49	0.89	1.25	1.49	1.38	2.22	1.82	0.89	1.55	3.36	1.31
PUU RICE & PR	27	0.84	1.09	1.06	1.21	1.29	1.47	1.66	1.91	2.05	2.41	1.49
PUU RICE & PR	28	0.64	0.61	0.69	0.83	0.93	1.17	1.28	1.39	1.73	1.65	1.11
PUU RICE & PR	32	0.94	1.16	1.10	1.03	1.06	1.20	1.34	1.54	2.11	2.42	1.50

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU 4												
PUU WHEAT & PR	17	8.89	16.19	14.23	10.07	11.18	13.21	13.26	16.83	14.04	14.70	12.83
PUU WHEAT & PR	27	7.97	10.37	10.30	11.79	11.18	12.75	12.20	14.04	12.72	10.09	10.85
PUU WHEAT & PR	28	10.93	12.44	13.98	13.19	14.70	13.41	14.69	13.08	16.23	13.16	13.28
PUU WHEAT & PR	32	7.84	10.21	10.43	10.88	10.51	9.29	10.36	11.92	12.40	10.76	10.69

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU 7												
PUU MAIZE & PR	17	0.29	0.52	0.54	0.16	0.21	0.36	0.17	0.14	1.26	0.85	0.39
PUU MAIZE & PR	27	0.55	0.71	0.69	0.79	0.57	0.65	0.45	0.52	0.38	0.27	0.49
PUU MAIZE & PR	28	0.49	0.33	0.37	0.36	0.41	0.32	0.35	0.17	0.21	0.17	0.30
PUU MAIZE & PR	32	0.10	0.20	0.30	0.30	0.20	0.17	0.19	0.22	0.29	0.32	0.25

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU 8												
PUU RAGI & PR	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUU RAGI & PR	27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUU RAGI & PR	28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUU RAGI & PR	32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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LISTINS OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU 9													
PUU	BARLEY &PR	17	0.00	0.00	0.00	0.09	0.08	0.00	0.00	0.00	0.00	0.00	0.02
PUU	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
PUU	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
PUU	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

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU10													
PUU	SM. MILLET	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUU	SM. MILLET	27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUU	SM. MILLET	28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUU	SM. MILLET	32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU11												
PUU GRAM	17	0.00	0.00	0.01	1.56	1.78	0.45	0.08	2.09	0.72	0.22	0.75
PUU GRAM	20	0.01	0.02	0.01	0.00	0.00	0.04	0.05	0.07	0.05	0.11	0.04
PUU GRAM	21	0.00	0.01	0.06	0.04	0.04	0.09	0.09	0.12	0.00	0.01	0.05
PUU GRAM	22	0.00	0.03	0.02	0.02	0.02	0.03	0.03	0.00	0.16	0.27	0.07
PUU GRAM	23	0.02	0.03	0.04	0.05	0.05	0.05	0.07	0.09	0.06	0.09	0.04
PUU GRAM	24	0.01	0.03	0.03	0.05	0.05	0.05	0.06	0.06	0.07	0.12	0.04
PUU GRAM	25	0.03	0.06	0.07	0.06	0.07	0.04	0.05	0.10	0.12	0.22	0.09
PUU GRAM	27	0.04	0.05	0.06	0.07	0.09	0.10	0.13	0.15	0.16	0.23	0.12
PUU GRAM	28	0.00	0.00	0.00	0.03	0.03	0.05	0.05	0.06	0.07	0.27	0.06
PUU GRAM	32	0.08	0.11	0.14	0.15	0.17	0.20	0.23	0.26	0.31	0.56	0.23
PUU GRAM	38	0.03	0.07	0.09	0.11	0.12	0.17	0.20	0.22	0.20	0.34	0.17

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU13												
PUU CEREAL SUB	17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUU CEREAL SUB	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUU CEREAL SUB	20	0.03	0.03	0.04	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.02
PUU CEREAL SUB	21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUU CEREAL SUB	22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUU CEREAL SUB	23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUU CEREAL SUB	24	0.00	0.01	0.01	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
PUU CEREAL SUB	25	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.01	0.01	0.01
PUU CEREAL SUB	27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00
PUU 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
PUU CEREAL SUB	32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUU 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

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU14													
PUU	PULSE & PR	17	0.85	1.54	1.66	2.15	2.04	2.14	2.26	2.13	3.25	3.83	2.02
PUU	PULSE & PR	18	0.69	1.20	1.42	1.64	1.03	1.76	1.77	2.00	2.44	2.80	1.59
PUU	PULSE & PR	20	1.03	1.54	1.77	1.61	1.74	1.65	1.84	1.96	2.14	2.45	1.65
PUU	PULSE & PR	21	1.02	1.30	1.41	1.61	1.78	2.08	2.16	2.65	2.35	4.12	1.81
PUU	PULSE & PR	22	0.70	0.74	1.15	1.26	1.38	1.54	1.43	1.73	1.75	2.91	1.38
PUU	PULSE & PR	23	0.80	1.20	1.43	1.61	1.72	1.90	2.07	2.59	2.45	3.66	1.86
PUU	PULSE & PR	24	1.03	1.12	1.30	1.45	1.65	1.76	2.01	1.68	2.03	3.45	1.64
PUU	PULSE & PR	25	1.23	1.52	1.76	1.69	1.93	1.95	2.29	1.95	2.36	4.22	1.95
PUU	PULSE & PR	27	1.17	1.52	1.69	1.93	2.03	2.31	2.44	2.80	2.91	2.96	2.15
PUU	PULSE & PR	28	0.95	1.09	1.23	1.29	1.44	1.63	1.78	1.84	2.29	2.45	1.59
PUU	PULSE & PR	32	1.00	1.25	1.37	1.51	1.51	1.51	1.68	1.93	2.22	2.38	1.72
PUU	PULSE & PR	38	1.05	1.31	1.44	1.49	1.69	1.72	1.94	2.12	1.76	3.05	1.86

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU15													
PUU	MILK & PR	17	1.96	3.57	5.09	9.90	11.82	13.33	16.35	21.09	22.41	38.01	12.67
PUU	MILK & PR	18	7.83	5.72	7.77	9.61	7.22	12.96	13.07	17.44	25.43	41.09	13.84
PUU	MILK & PR	20	2.96	4.61	6.40	8.54	9.33	12.40	13.82	15.64	17.64	31.76	11.33
PUU	MILK & PR	21	5.01	5.39	8.12	10.69	11.83	12.86	16.08	19.73	28.93	50.65	13.95
PUU	MILK & PR	22	2.98	4.51	5.72	6.28	7.27	8.10	12.46	20.66	19.27	32.18	11.74
PUU	MILK & PR	23	3.96	5.82	6.94	9.43	9.03	10.89	13.27	16.62	19.81	29.54	12.18
PUU	MILK & PR	24	5.02	7.57	8.75	10.40	11.86	13.76	15.70	18.30	22.07	37.53	14.19
PUU	MILK & PR	25	6.16	7.02	8.11	8.37	9.54	13.98	16.42	17.51	21.18	37.85	14.10
PUU	MILK & PR	27	5.31	6.91	9.05	10.35	12.23	13.94	16.47	18.95	24.13	33.64	15.74
PUU	MILK & PR	28	5.26	6.87	7.72	10.63	11.85	15.05	16.49	17.07	21.17	34.60	14.76
PUU	MILK & PR	32	4.51	7.21	9.25	11.01	12.41	13.85	15.44	17.78	21.67	32.02	15.63
PUU	MILK & PR	38	6.16	8.06	8.86	9.99	11.38	12.60	14.19	16.73	17.47	30.24	14.62

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU16												
PUU EDIBLE OIL	17	1.03	1.87	3.05	3.15	2.51	3.50	3.99	4.64	5.09	4.32	2.91
PUU EDIBLE OIL	20	2.42	3.26	2.24	2.59	2.79	3.40	3.78	4.22	4.26	5.62	3.22
PUU EDIBLE OIL	21	2.26	2.66	3.35	3.57	3.95	3.93	4.03	4.94	3.96	6.92	3.53
PUU EDIBLE OIL	22	1.44	1.98	2.19	2.41	2.54	2.83	3.03	3.43	6.13	10.23	3.66
PUU EDIBLE OIL	23	1.66	2.35	2.80	2.83	3.03	3.30	3.32	4.15	4.12	6.15	3.29
PUU EDIBLE OIL	24	2.13	2.61	3.02	3.42	3.90	4.42	5.05	4.21	5.07	8.63	3.90
PUU EDIBLE OIL	25	2.18	2.77	3.20	3.41	3.89	4.02	4.72	4.11	4.97	8.89	3.99
PUU EDIBLE OIL	27	2.67	3.47	3.85	4.41	4.59	5.24	5.44	6.27	6.52	6.67	4.86
PUU EDIBLE OIL	28	2.61	2.86	3.21	3.06	3.41	3.90	4.27	4.70	5.83	5.30	3.90
PUU EDIBLE OIL	32	1.55	2.15	2.55	2.92	3.10	3.09	3.44	3.97	4.38	5.60	3.44
PUU EDIBLE OIL	38	2.02	2.63	2.84	3.10	3.53	3.70	4.17	4.59	3.56	6.20	3.83

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU17												
PUU MEAT,EGG,F	17	0.43	0.78	0.71	0.32	0.57	0.95	1.08	1.10	1.61	1.74	0.77
PUU MEAT,EGG,F	20	0.09	0.10	0.45	0.64	0.69	0.65	0.73	0.71	1.33	2.42	0.68
PUU MEAT,EGG,F	21	0.31	0.41	0.28	0.25	0.28	0.43	0.72	0.89	2.26	3.96	0.75
PUU MEAT,EGG,F	22	0.08	0.11	0.11	0.12	0.18	0.20	0.29	0.42	0.53	0.89	0.28
PUU MEAT,EGG,F	23	0.14	0.12	0.15	0.27	0.29	0.40	0.61	0.77	1.43	2.14	0.66
PUU MEAT,EGG,F	24	0.12	0.20	0.24	0.47	0.54	0.96	1.10	1.65	1.99	3.39	1.02
PUU MEAT,EGG,F	25	0.17	0.34	0.39	0.88	1.00	1.08	1.26	1.82	2.20	3.93	1.39
PUU MEAT,EGG,F	27	0.30	0.39	0.53	0.60	0.82	0.94	1.13	1.30	1.77	5.02	1.32
PUU MEAT,EGG,F	28	0.29	0.23	0.25	0.46	0.51	0.85	0.93	1.48	1.84	2.80	1.04
PUU MEAT,EGG,F	32	0.13	0.25	0.29	0.45	0.56	0.79	0.88	1.01	1.39	3.33	0.95
PUU MEAT,EGG,F	38	0.16	0.21	0.20	0.27	0.31	0.50	0.57	0.89	1.63	2.82	0.86

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU18													
PUU	VEG,FR,NUT	20	1.26	1.88	1.74	2.54	2.74	3.52	3.93	4.13	6.30	10.76	3.43
PUU	VEG,FR,NUT	21	1.29	1.82	1.93	2.29	2.54	2.90	3.48	4.27	6.57	11.49	3.21
PUU	VEG,FR,NUT	22	1.53	1.94	2.21	2.43	2.66	2.96	3.36	4.57	5.78	9.65	3.63
PUU	VEG,FR,NUT	23	1.63	1.89	2.25	2.30	2.47	3.20	4.13	5.17	6.81	10.16	4.00
PUU	VEG,FR,NUT	24	1.80	2.57	2.97	3.60	4.11	5.42	6.18	7.35	8.87	15.08	5.43
PUU	VEG,FR,NUT	25	1.57	2.17	2.50	3.35	3.82	4.60	5.41	6.50	7.86	14.04	5.24
PUU	VEG,FR,NUT	27	2.37	3.09	3.60	4.12	4.71	5.37	6.27	7.22	9.04	15.77	6.32
PUU	VEG,FR,NUT	28	2.32	2.99	3.36	3.44	3.83	4.73	5.19	6.29	7.80	11.29	5.14
PUU	VEG,FR,NUT	32	1.59	2.34	2.81	3.35	3.74	4.03	4.49	5.17	6.43	12.90	5.06
PUU	VEG,FR,NUT	38	2.02	2.73	3.19	3.51	4.00	4.36	4.91	5.73	6.81	11.79	5.28

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU21													
PUU	SUGAR	17	0.84	1.53	2.02	3.16	3.39	3.48	3.33	3.75	5.61	6.51	3.05
PUU	SUGAR	20	2.52	2.81	3.27	3.02	3.26	3.39	3.78	4.22	4.36	4.79	3.38
PUU	SUGAR	21	2.72	3.04	3.12	3.44	3.81	4.34	4.53	5.55	4.88	8.54	3.90
PUU	SUGAR	22	2.47	3.45	3.22	3.54	3.57	3.97	4.07	4.72	6.88	11.49	4.60
PUU	SUGAR	23	2.45	3.15	3.75	4.00	4.28	4.65	5.59	7.00	7.75	11.55	5.22
PUU	SUGAR	24	2.06	2.67	3.09	3.35	3.82	3.89	4.44	4.12	4.97	8.45	3.84
PUU	SUGAR	25	2.51	2.86	3.31	3.62	4.13	4.32	5.07	3.71	4.48	8.01	3.90
PUU	SUGAR	27	1.88	2.44	2.85	3.26	3.49	3.98	4.13	4.76	4.87	5.24	3.66
PUU	SUGAR	28	2.43	2.59	2.91	2.98	3.32	3.64	3.98	3.96	4.92	5.92	3.62
PUU	SUGAR	32	1.69	2.37	2.75	3.25	3.31	3.16	3.53	4.06	4.61	5.61	3.63
PUU	SUGAR	38	2.07	2.58	2.56	2.66	3.04	3.24	3.45	3.82	2.96	5.13	3.33

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU22													
PUU	SALT,SPICE	17	0.03	0.05	0.06	0.08	0.06	0.08	0.12	0.13	0.16	0.12	0.09
PUU	SALT,SPICE	20	0.62	0.65	0.91	0.93	1.00	1.02	1.14	1.24	1.33	1.60	0.98
PUU	SALT,SPICE	21	0.81	1.18	1.22	1.06	1.17	1.18	1.28	1.57	1.30	2.28	1.16
PUU	SALT,SPICE	22	0.61	0.68	0.72	0.79	0.82	0.92	0.98	1.20	1.23	2.05	0.95
PUU	SALT,SPICE	23	0.86	0.88	1.05	1.01	1.08	1.05	1.19	1.49	1.88	2.80	1.31
PUU	SALT,SPICE	24	0.92	1.03	1.19	1.20	1.36	1.43	1.63	1.47	1.77	3.02	1.42
PUU	SALT,SPICE	25	0.93	1.17	1.35	1.52	1.73	1.84	2.16	1.72	2.09	3.73	1.70
PUU	SALT,SPICE	27	0.95	1.24	1.25	1.43	1.44	1.64	1.69	1.95	1.99	2.34	1.55
PUU	SALT,SPICE	28	1.04	1.18	1.32	1.37	1.52	1.58	1.73	1.65	2.04	2.34	1.56
PUU	SALT,SPICE	32	0.83	1.20	1.29	1.40	1.48	1.42	1.59	1.83	2.00	3.50	1.72
PUU	SALT,SPICE	38	0.82	0.98	1.05	1.16	1.32	1.34	1.51	1.62	1.35	2.34	1.43

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU25													
PUU	BEV,REF.	20	1.18	1.24	1.27	2.38	2.58	3.09	3.45	4.47	9.95	14.84	3.85
PUU	BEV,REF.	21	0.66	1.09	1.32	1.66	1.84	2.85	3.47	4.26	10.48	18.34	3.63
PUU	BEV,REF.	22	1.02	0.97	1.28	1.40	1.62	1.80	2.37	5.06	7.17	11.97	3.50
PUU	BEV,REF.	23	0.98	0.97	1.16	1.99	2.13	2.61	4.00	5.01	8.70	12.97	4.11
PUU	BEV,REF.	24	1.20	1.51	1.75	1.98	2.26	3.09	3.53	7.00	8.44	14.35	4.50
PUU	BEV,REF.	25	0.93	1.36	1.57	2.29	2.62	3.28	3.86	7.40	8.95	16.00	5.27
PUU	BEV,REF.	27	1.58	2.06	2.38	2.72	3.08	3.51	4.51	5.19	7.65	20.47	5.52
PUU	BEV,REF.	28	1.11	1.84	2.06	2.57	2.87	3.65	4.00	4.98	6.18	16.04	4.55
PUU	BEV,REF.	32	1.51	1.98	2.20	2.59	2.90	3.23	3.60	4.14	5.43	16.37	4.75
PUU	BEV,REF.	38	1.22	1.92	2.26	2.55	2.90	3.60	4.05	5.02	7.87	13.63	4.95

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU26													
PUU	OTHER FOOD	17	2.40	4.37	5.51	6.86	7.55	8.73	11.75	13.98	16.03	29.75	9.76
PUU	OTHER FOOD	18	5.98	8.60	12.12	13.91	12.08	17.71	17.85	21.46	25.70	52.71	18.13

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU27													
PUU	TOTAL FOOD	17	16.19	29.48	32.18	35.35	39.86	45.62	51.16	63.36	67.41	99.64	43.94
PUU	TOTAL FOOD	18	22.12	27.65	34.18	38.03	29.69	47.77	48.15	54.09	66.88	110.93	45.77
PUU	TOTAL FOOD	20	21.16	27.19	30.23	34.37	37.13	41.26	45.98	50.25	58.45	83.83	39.76
PUU	TOTAL FOOD	21	24.07	31.31	35.54	38.94	43.11	46.42	50.77	62.31	75.30	131.83	46.59
PUU	TOTAL FOOD	22	21.74	25.05	27.76	30.48	32.64	36.35	40.35	51.43	58.53	97.70	40.85
PUU	TOTAL FOOD	23	23.05	27.52	32.83	35.74	38.27	41.34	46.48	58.20	66.47	99.12	45.72
PUU	TOTAL FOOD	24	23.79	29.23	33.81	37.57	42.85	47.30	53.98	56.26	67.84	115.39	48.04
PUU	TOTAL FOOD	25	25.43	30.50	35.25	38.34	43.71	49.56	58.23	56.63	68.49	122.41	50.92
PUU	TOTAL FOOD	27	26.47	34.46	38.66	44.22	47.19	53.79	58.50	67.33	76.50	108.01	55.82
PUU	TOTAL FOOD	28	27.48	32.39	36.39	39.82	44.40	49.92	54.70	56.78	70.46	97.29	50.81
PUU	TOTAL FOOD	32	21.09	29.47	33.39	37.67	39.73	40.75	45.45	52.32	61.57	94.13	48.32
PUU	TOTAL FOOD	38	22.31	29.03	31.11	33.24	37.87	40.27	45.36	51.08	52.18	90.35	46.20

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU30													
PUU	TOTAL EXP.	17	20.56	37.44	41.49	49.76	55.10	62.34	75.93	94.22	124.69	203.93	70.86
PUU	TOTAL EXP.	18	28.22	37.73	46.48	53.01	48.30	77.07	77.69	91.71	120.56	260.37	81.18
PUU	TOTAL EXP.	20	28.43	37.02	43.70	48.84	52.76	61.85	68.93	80.21	107.23	232.15	70.40
PUU	TOTAL EXP.	21	31.25	41.46	47.11	53.34	59.05	67.12	78.09	95.83	125.86	220.34	69.43
PUU	TOTAL EXP.	22	29.31	36.76	40.70	44.68	50.17	55.86	64.48	84.91	108.56	181.22	66.53
PUU	TOTAL EXP.	23	30.60	37.53	44.77	49.52	53.03	58.67	70.52	88.31	113.39	169.09	70.57
PUU	TOTAL EXP.	24	33.10	43.09	49.84	55.86	63.71	72.40	82.63	97.83	117.97	200.67	77.75
PUU	TOTAL EXP.	25	33.54	43.12	49.82	55.72	63.53	72.95	85.72	99.60	120.47	215.28	83.41
PUU	TOTAL EXP.	27	36.15	47.06	54.74	62.62	70.39	80.23	91.24	105.00	128.31	235.10	92.73
PUU	TOTAL EXP.	28	34.26	41.66	46.80	51.92	57.89	66.48	72.85	84.41	104.74	178.34	74.42
PUU	TOTAL EXP.	32	27.16	38.58	44.38	50.96	55.32	60.66	67.66	77.89	97.25	169.54	82.10
PUU	TOTAL EXP.	38	30.24	38.69	42.79	47.19	53.76	60.20	67.79	79.95	102.34	177.18	75.55

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: PUU31													
PUU	NON FOOD	17	4.37	7.96	9.31	14.42	15.24	16.73	24.77	30.86	57.28	105.29	26.92
PUU	NON FOOD	18	6.10	10.08	12.31	14.98	16.61	29.30	29.54	37.62	53.68	149.44	35.41
PUU	NON FOOD	20	7.27	9.82	13.48	14.47	15.63	20.59	22.94	29.96	48.77	148.32	30.65
PUU	NON FOOD	21	7.17	10.15	11.57	14.41	15.95	20.70	27.31	33.52	50.56	88.51	22.84
PUU	NON FOOD	22	7.57	11.71	12.94	14.21	17.53	19.52	24.13	33.48	50.04	83.53	27.63
PUU	NON FOOD	23	7.54	10.01	11.94	13.78	14.76	17.34	24.04	30.11	46.92	69.97	24.85
PUU	NON FOOD	24	9.31	13.86	16.03	18.30	20.87	25.10	28.64	41.58	50.13	85.28	29.71
PUU	NON FOOD	25	8.12	12.61	14.58	17.38	19.82	23.40	27.49	42.97	51.97	92.88	32.48
PUU	NON FOOD	27	9.68	12.60	16.08	18.39	23.20	26.44	32.74	37.67	54.71	127.10	36.91
PUU	NON FOOD	28	6.79	9.27	10.41	12.10	13.49	16.56	18.15	27.63	34.28	81.05	23.61
PUU	NON FOOD	32	6.07	9.12	10.99	13.28	15.59	19.91	22.21	25.57	35.68	75.40	33.77
PUU	NON FOOD	38	7.93	9.86	11.68	13.94	15.89	19.92	22.44	28.87	50.15	86.83	29.35

PER CAPITA ENERGY INTAKE (CALORIES PER DAY) BY DECILES

PUR	17	1736	2118	2494	2552	2938	3263	3529	3641	4226	6515
PUR	19	1359	1753	1998	2158	2340	2580	2789	2855	3115	4088
PUR	20	1369	1850	2044	2344	2546	2986	3054	3169	3597	4649
PUR	21	1744	2148	2371	2814	2952	3161	3340	3830	4116	6131
PUR	22	1451	1846	2056	2259	2522	2652	2938	3110	3170	5369
PUR	23	1773	2413	2587	2851	2828	3145	3327	3976	4125	7500
PUR	24	1437	1901	2159	2402	2661	2833	3255	3217	3810	5993
PUR	25	1511	2026	2133	2369	2425	2776	2916	3359	3379	5860
PUR	27	1580	1965	2191	2340	2639	2759	3185	3353	3626	3832
PUR	28	1614	1825	2170	2209	2479	2800	2959	3460	3644	4092
PUR	32	1394	1919	2143	2278	2603	2664	3020	3571	3961	5347
PUR	38	1424	1748	2074	2229	2473	2566	2902	3139	3307	4587

PUU	17	1091	1996	1997	1973	2133	2394	2422	2990	3030	3767
PUU	18	952	1348	1499	1633	1140	1914	1930	1697	2212	2851
PUU	20	1300	1652	1787	1863	2012	2096	2337	2485	2447	3041
PUU	21	1445	1908	2097	2215	2451	2559	2648	3249	3248	5685
PUU	22	1323	1476	1599	1756	1848	2057	2114	2346	2677	4469
PUU	23	1435	1631	1945	2027	2170	2219	2311	2894	2914	4346
PUU	24	1369	1583	1831	1971	2248	2325	2653	2346	2829	4813
PUU	25	1464	1723	1991	2060	2349	2456	2886	2329	2917	5034
PUU	27	1349	1755	1881	2152	2194	2501	2582	2972	3078	3365
PUU	28	1457	1650	1853	1914	2134	2228	2440	2373	2944	3235
PUU	32	1205	1627	1777	1939	1962	1912	2132	2455	2779	3280
PUU	38	1209	1540	1606	1655	1885	1907	2148	2311	2008	3477

PER CAPITA INTAKE (PROTEIN PER DAY) BY DECILES

PUR	17	51	62	73	76	87	94	98	105	122	163
PUR	18	44	58	66	72	78	86	94	97	107	142
PUR	20	39	52	58	67	73	86	88	90	104	136
PUR	21	50	60	65	78	82	88	96	110	120	178
PUR	22	40	48	54	58	65	68	75	81	82	139
PUR	23	48	64	70	77	75	84	86	103	105	192
PUR	24	39	52	60	67	75	80	92	93	110	173
PUR	25	41	57	60	66	67	77	82	95	96	166
PUR	27	43	53	59	63	71	76	87	93	102	105
PUR	28	44	50	60	61	68	77	83	97	103	120
PUR	32	38	53	60	64	73	76	86	102	115	155
PUR	38	38	47	56	61	67	71	80	87	93	128

PUU	17	32	38	56	53	60	67	68	85	84	109
PUU	18	33	44	50	54	38	64	65	65	77	101
PUU	20	33	42	48	52	56	58	65	68	68	89
PUU	21	38	52	57	60	67	69	73	89	97	169
PUU	22	36	38	42	46	49	55	57	65	66	110
PUU	23	39	43	51	54	58	59	60	76	77	114
PUU	24	37	43	49	53	61	63	72	66	80	135
PUU	25	39	46	54	55	63	67	79	65	80	143
PUU	27	36	47	50	58	59	67	70	81	85	100
PUU	28	39	44	50	53	59	62	68	66	81	94
PUU	32	34	45	49	53	54	54	60	69	79	96
PUU	38	33	42	44	45	51	52	58	64	58	101

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

PUR	17	83	74	74	70	69	65	61	59	55	47
PUR	18	93	88	87	85	83	83	80	78	75	68
PUR	20	78	76	74	72	71	71	66	62	59	55
PUR	21	80	74	73	73	70	70	64	64	61	58
PUR	22	83	69	65	61	61	57	57	53	48	48
PUR	23	75	66	64	64	61	61	55	55	50	50
PUR	24	71	66	66	66	63	59	59	54	54	54
PUR	25	68	68	66	66	63	63	59	59	54	54
PUR	27	71	67	67	63	63	59	59	56	52	44
PUR	28	73	68	68	63	63	63	60	60	57	50
PUR	32	68	66	65	61	61	57	57	58	55	49
PUR	38	64	59	59	58	58	55	55	52	49	46

PUU	17	84	84	76	57	58	63	60	57	52	50
PUU	18	80	89	86	85	83	82	82	73	66	59
PUU	20	68	66	67	65	65	60	60	57	51	40
PUU	21	68	74	70	66	66	63	60	60	54	54
PUU	22	80	71	69	69	68	68	62	50	45	45
PUU	23	73	67	67	64	64	59	53	53	48	48
PUU	24	69	63	63	60	60	56	56	48	48	48
PUU	25	65	64	64	63	63	58	58	50	50	50
PUU	27	64	64	59	59	55	55	51	51	46	35
PUU	28	68	67	67	63	63	56	56	51	51	38
PUU	32	71	69	64	61	58	54	54	54	52	40
PUU	38	61	60	58	56	56	52	52	49	45	45

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

PUR	17	80	72	72	68	66	65	62	57	54	53
PUR	18	81	75	75	73	71	71	68	65	62	56
PUR	20	79	77	74	72	70	70	66	61	58	53
PUR	21	79	75	75	75	71	71	64	64	60	57
PUR	22	86	76	71	68	68	63	63	58	53	53
PUR	23	78	71	68	68	65	65	60	60	56	56
PUR	24	73	69	68	68	64	59	59	54	54	54
PUR	25	71	69	67	67	65	65	60	60	54	54
PUR	27	75	70	70	66	66	61	61	57	52	46
PUR	28	76	70	70	65	65	65	61	61	57	49
PUR	32	71	68	66	62	62	57	57	57	54	48
PUR	38	68	63	63	60	60	57	57	53	50	47

PUU	17	81	82	78	61	59	64	61	55	54	49
PUU	18	67	77	74	73	71	69	69	61	54	47
PUU	20	77	73	70	67	67	62	62	60	52	39
PUU	21	74	77	73	69	69	66	61	61	51	51
PUU	22	84	79	74	74	73	73	65	52	52	52
PUU	23	77	72	72	69	69	64	58	58	52	52
PUU	24	72	66	66	63	63	58	58	49	49	49
PUU	25	69	68	68	67	67	60	60	50	50	50
PUU	27	68	66	63	63	58	58	54	54	47	34
PUU	28	73	71	71	65	65	58	58	52	52	37
PUU	32	72	70	66	63	59	55	55	55	52	39
PUU	38	64	63	61	58	58	54	54	51	44	44

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

PUR	17	20	20	20	15	19	21	23	24	23	26
PUR	18	15	16	17	18	18	16	17	16	18	25
PUR	20	17	17	18	18	19	19	22	22	24	26
PUR	21	16	18	18	18	19	19	20	20	22	22
PUR	22	11	17	18	20	20	21	21	22	22	22
PUR	23	16	23	24	23	23	23	22	22	24	24
PUR	24	19	22	21	21	21	23	23	23	23	23
PUR	25	23	23	23	23	22	22	22	22	25	25
PUR	27	19	21	21	24	24	26	26	29	30	40
PUR	28	17	18	18	20	20	20	22	22	23	26
PUR	32	19	20	21	22	22	23	23	23	25	30
PUR	38	25	25	25	26	26	27	27	28	29	32

PUU	17	16	16	19	33	29	25	27	22	35	36
PUU	18	15	17	19	21	19	20	20	25	29	29
PUU	20	20	25	26	23	23	23	23	24	30	35
PUU	21	18	16	17	19	19	23	24	24	24	24
PUU	22	12	12	18	18	19	19	19	26	25	25
PUU	23	13	19	19	22	22	25	29	29	31	31
PUU	24	19	20	20	22	21	24	24	26	26	26
PUU	25	22	24	24	23	23	24	24	29	29	29
PUU	27	24	24	27	26	29	29	32	32	36	44
PUU	28	17	17	17	19	19	23	23	27	27	35
PUU	32	20	20	21	22	23	26	26	26	27	32
PUU	38	25	25	27	28	28	31	31	33	34	34

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

PUR	17	6	9	9	10	10	11	14	14	15	22
PUR	18	0	0	0	0	0	0	0	0	0	0
PUR	20	10	11	10	10	11	11	12	13	13	14
PUR	21	10	11	12	12	12	12	13	13	13	14
PUR	22	14	18	19	21	21	22	22	22	24	24
PUR	23	14	16	16	16	18	18	22	22	23	23
PUR	24	13	13	13	13	13	14	14	14	14	14
PUR	25	12	11	12	12	13	13	14	14	15	15
PUR	27	12	13	13	14	14	14	14	14	14	17
PUR	28	12	13	13	14	14	14	14	14	14	13
PUR	32	12	12	12	12	12	12	12	12	13	14
PUR	36	14	15	15	14	14	14	14	15	15	15

PUU	17	5	5	7	11	11	10	9	8	12	12
PUU	18	0	0	0	0	0	0	0	0	0	0
PUU	20	13	11	12	11	11	11	11	11	12	11
PUU	21	13	11	10	10	10	11	12	12	10	10
PUU	22	13	16	14	14	13	13	13	14	17	17
PUU	23	11	13	13	13	13	14	16	16	18	18
PUU	24	10	11	11	11	11	11	11	12	12	12
PUU	25	12	11	11	12	12	12	12	11	11	11
PUU	27	9	9	10	10	11	11	11	11	11	10
PUU	28	11	11	11	10	10	11	11	11	11	12
PUU	32	9	10	10	11	11	11	11	11	11	12
PUU	38	12	11	11	11	11	11	11	11	10	10

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

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

PUU 17	5	5	9	9	7	8	9	9	9	6
PUU 18	0	0	0	0	0	0	0	0	0	0
PUU 20	10	11	7	8	8	9	9	10	10	10
PUU 21	9	8	9	9	9	9	9	9	7	7
PUU 22	6	8	8	8	8	8	8	8	13	13
PUU 23	7	8	8	8	8	8	8	8	8	8
PUU 24	9	9	9	10	10	11	11	10	10	10
PUU 25	8	9	9	9	9	9	9	10	10	10
PUU 27	11	11	12	12	12	12	12	12	12	11
PUU 28	10	10	10	9	9	10	10	11	11	9
PUU 32	7	7	8	8	9	9	9	9	9	10
PUU 38	9	10	10	11	11	11	11	11	10	10

Poverty line= 30

PUR 17	5.53	28.10	0.5259	0.0308
PUR 18	4.61	26.19	0.1523	0.0120
PUR 20	6.84	23.73	0.1703	0.0235
PUR 21	2.97	27.02	0.0556	0.0044
PUR 22	5.43	24.47	0.0645	0.0129
PUR 23	3.10	25.19	0.0783	0.0070
PUR 24	3.22	24.37	0.1077	0.0089
PUR 25	2.68	26.75	0.0727	0.0046
PUR 27	0.84	25.62	0.1325	0.0022
PUR 28	1.03	25.29	0.0662	0.0022
PUR 32	2.68	19.84	0.3065	0.0145
PUR 38	1.67	24.96	0.0981	0.0042
PUU 17	4.90	25.60	0.5003	0.0472
PUU 18	4.35	29.64	0.4459	0.2007
PUU 20	6.37	27.19	0.0412	0.0083
PUU 21	2.64	24.26	0.2248	0.0099
PUU 22	3.27	27.05	0.2310	0.0100
PUU 23	2.43	27.97	0.0641	0.0031
PUU 24	2.91	27.49	0.0448	0.0036
PUU 25	3.39	29.12	0.0394	0.0023
PUU 27	1.29	25.99	0.0995	0.0028
PUU 28	0.20	29.36	0.0232	0.0001
PUU 32	7.28	24.82	0.1444	0.0213
PUU 38	3.89	25.63	0.0756	0.0082

Poverty line= 40

PUR 17	12.43	32.45	0.1227	0.0358
PUR 18	14.09	32.30	0.1036	0.0389
PUR 20	18.38	31.69	0.1338	0.0577
PUR 21	10.77	33.57	0.0783	0.0244
PUR 22	15.97	31.85	0.1088	0.0464
PUR 23	7.04	32.25	0.1269	0.0208
PUR 24	11.29	32.95	0.1064	0.0298
PUR 25	9.15	33.50	0.0946	0.0221
PUR 27	5.36	35.22	0.0662	0.0105
PUR 28	13.23	35.79	0.0290	0.0174
PUR 32	9.39	31.41	0.1441	0.0308
PUR 38	10.24	34.39	0.0941	0.0226
PUU 17	23.51	30.75	0.2014	0.0908
PUU 18	19.00	32.16	0.0746	0.0487
PUU 20	17.98	32.05	0.0868	0.0493
PUU 21	12.93	32.98	0.0975	0.0331
PUU 22	22.01	33.83	0.0983	0.0504
PUU 23	17.93	33.48	0.0838	0.0388
PUU 24	13.52	35.01	0.0785	0.0262
PUU 25	11.53	34.99	0.0752	0.0220
PUU 27	7.39	34.34	0.0910	0.0162
PUU 28	11.85	35.18	0.0915	0.0228
PUU 32	17.19	31.96	0.1337	0.0529
PUU 38	16.79	33.68	0.0924	0.0396

Poverty line= 50

PUR 17	25.22	39.64	0.1316	0.0782
PUR 18	25.00	38.54	0.1304	0.0824
PUR 20	33.28	38.44	0.1347	0.1114
PUR 21	27.89	41.53	0.0949	0.0692
PUR 22	33.46	39.15	0.1224	0.1047
PUR 23	14.91	38.77	0.1196	0.0473
PUR 24	22.82	40.46	0.1291	0.0668
PUR 25	26.03	42.09	0.1055	0.0643
PUR 27	15.36	42.40	0.0961	0.0359
PUR 28	21.55	39.96	0.0957	0.0599
PUR 32	21.25	39.70	0.1279	0.0654
PUR 38	21.61	40.35	0.0991	0.0590
PUU 17	35.36	35.51	0.1719	0.1457
PUU 18	31.11	38.23	0.1252	0.1031
PUU 20	37.11	38.76	0.1144	0.1163
PUU 21	32.32	41.18	0.1119	0.0868
PUU 22	47.26	39.63	0.0983	0.1348
PUU 23	36.60	39.69	0.1014	0.1049
PUU 24	28.35	41.62	0.1026	0.0717
PUU 25	26.05	41.65	0.1093	0.0672
PUU 27	20.65	42.14	0.1015	0.0501
PUU 28	36.69	42.19	0.0993	0.0850
PUU 32	34.23	38.25	0.1231	0.1127
PUU 38	39.38	39.65	0.0922	0.1103

Per Capita Total Expenditure by Deciles

												Gini's Coeff.
PUR												
17	30.68	42.31	49.84	57.78	73.01	82.75	95.80	108.24	131.71	247.15	92.89	0.3252
18	29.69	41.56	51.28	59.35	66.59	73.43	85.14	97.62	117.28	189.16	79.60	0.2805
20	26.71	38.76	45.48	51.06	56.64	66.43	76.98	90.93	111.29	221.21	77.96	0.3276
21	33.36	43.92	48.69	58.01	64.05	68.56	78.97	90.57	104.67	245.79	83.81	0.3123
22	28.25	39.30	45.27	52.36	58.47	66.26	73.39	85.97	111.03	188.03	75.25	0.2959
23	34.54	49.81	58.65	64.64	70.65	78.56	91.79	109.69	133.52	242.78	94.70	0.3001
24	32.02	45.22	53.38	59.36	70.00	80.68	92.72	109.14	129.26	203.32	83.64	0.2879
25	33.82	44.94	50.69	56.27	62.60	71.63	83.41	96.08	115.16	199.73	86.55	0.2827
27	38.73	50.55	56.35	64.42	72.68	83.53	96.45	110.31	134.20	237.16	108.88	0.2910
28	34.24	42.99	51.10	56.74	63.68	71.93	81.65	95.50	113.95	177.92	80.85	0.2653
32	31.99	45.61	53.32	61.06	69.73	77.87	88.22	104.35	127.73	219.89	87.92	0.2967
38	33.93	45.21	53.62	60.71	67.32	75.04	84.86	99.45	119.50	196.14	82.54	0.2739
PUU												
17	20.56	37.44	41.49	49.76	55.10	62.34	75.93	94.22	124.69	203.93	70.86	0.3410
18	28.22	37.73	46.49	53.01	48.30	77.07	77.69	91.71	120.56	260.37	81.18	0.3564
20	28.43	37.02	43.70	48.84	52.76	61.85	65.93	80.21	107.23	232.15	70.40	0.3386
21	31.25	41.46	47.11	53.34	59.05	67.12	78.09	95.83	125.86	220.34	69.43	0.3196
22	29.31	36.76	40.70	44.68	50.17	55.86	64.48	84.91	108.56	181.22	68.53	0.3095
23	30.60	37.53	44.77	49.52	53.03	58.67	70.52	88.31	113.39	169.09	70.57	0.2885
24	33.10	43.09	49.84	55.86	63.71	72.40	82.63	97.83	117.97	200.87	77.75	0.2890
25	33.54	43.12	49.82	55.72	63.53	72.95	93.72	99.60	120.47	215.28	83.41	0.3007
27	36.15	47.06	54.74	62.62	70.39	80.23	91.24	105.00	128.21	235.10	92.73	0.2971
28	34.26	41.66	46.90	51.92	57.89	66.48	72.85	84.41	104.74	178.34	74.42	0.2702
32	27.16	38.58	44.38	50.96	55.32	60.66	67.66	77.89	97.25	169.54	82.10	0.2779
38	30.24	38.99	42.79	47.19	53.76	60.20	67.79	79.95	102.34	177.18	75.55	0.2885

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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
** PUR 1			
FOODGRAINS	17	19.23	27.23
FOODGRAINS	18	16.90	25.31
FOODGRAINS	20	14.61	23.10
FOODGRAINS	21	17.30	26.78
FOODGRAINS	22	13.51	17.79
FOODGRAINS	23	17.37	23.36
FOODGRAINS	24	14.11	22.07
FOODGRAINS	25	14.65	21.20
FOODGRAINS	27	14.53	22.14
FOODGRAINS	28	14.12	22.35
FOODGRAINS	32	13.44	22.90
FOODGRAINS	38	12.15	19.00
** PUR 2			
CEREALS	17	16.39	22.29
CEREALS	18	15.37	22.88
CEREALS	20	13.45	20.60
CEREALS	21	15.87	24.06
CEREALS	22	12.87	16.32
CEREALS	23	15.43	20.44
CEREALS	24	12.52	19.39
CEREALS	25	12.89	18.72
CEREALS	27	13.13	18.98
CEREALS	28	13.14	20.06
CEREALS	32	12.16	20.07
CEREALS	38	10.72	16.38
** PUR 3			
RICE & PR	17	3.16	3.00
RICE & PR	27	1.38	1.95
RICE & PR	28	1.28	1.74
RICE & PR	32	1.10	2.34
** PUR 4			
WHEAT & PR	17	8.70	17.99
WHEAT & PR	27	8.74	15.15
WHEAT & PR	28	11.33	18.39
WHEAT & PR	32	9.66	15.93
** PUR 5			
JAWAR & PR	17	0.07	0.00
JAWAR & PR	27	0.08	0.07
JAWAR & PR	28	0.19	0.20
JAWAR & PR	32	0.00	0.03
** PUR 6			
BAJRA & PR	17	1.23	0.35
BAJRA & PR	27	0.05	0.08
BAJRA & PR	28	0.15	0.44
BAJRA & PR	32	0.09	0.24

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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
** PUR 7			
MAIZE & PR	17	3.00	1.51
MAIZE & PR	27	3.30	2.72
MAIZE & PR	28	1.78	2.11
MAIZE & PR	32	1.37	1.81
** PUR 8			
RAGI & PR	17	0.00	0.00
RAGI & PR	27	0.01	0.01
RAGI & PR	28	0.00	0.00
RAGI & PR	32	0.00	0.00
** PUR 9			
BARLEY &PR	17	0.14	0.08
BARLEY &PR	27	0.00	0.00
BARLEY &PR	28	0.00	0.00
BARLEY &PR	32	0.00	0.00
** PUR10			
SM. MILLET	17	0.00	0.00
SM. MILLET	27	0.00	0.00
SM. MILLET	28	0.00	0.00
SM. MILLET	32	0.00	0.00
** PUR11			
GRAM	17	0.77	1.75
GRAM	20	0.00	0.05
GRAM	21	0.01	0.08
GRAM	22	0.03	0.04
GRAM	23	0.00	0.20
GRAM	24	0.07	0.11
GRAM	25	0.10	0.06
GRAM	27	0.04	0.21
GRAM	28	0.02	0.10
GRAM	32	0.15	0.42
GRAM	38	0.07	0.20
** PUR13			
CEREAL SUB	17	0.00	0.03
CEREAL SUB	18	0.06	0.13
CEREAL SUB	20	0.00	0.00
CEREAL SUB	21	0.00	0.01
CEREAL SUB	22	0.00	0.00
CEREAL SUB	23	0.00	0.00
CEREAL SUB	24	0.05	0.00
CEREAL SUB	25	0.00	0.00
CEREAL SUB	27	0.00	0.01
CEREAL SUB	28	0.00	0.00
CEREAL SUB	32	0.00	0.01
CEREAL SUB	38	0.00	0.01

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
** PUR14			
PULSE & PR	17	1.82	2.96
PULSE & PR	18	1.40	2.21
PULSE & PR	20	1.31	2.63
PULSE & PR	21	1.56	2.81
PULSE & PR	22	1.14	1.97
PULSE & PR	23	1.86	2.62
PULSE & PR	24	1.45	2.53
PULSE & PR	25	1.66	2.42
PULSE & PR	27	1.52	3.04
PULSE & PR	28	1.29	2.54
PULSE & PR	32	1.39	2.70
PULSE & PR	38	1.51	2.57
** PUR15			
MILK & PR	17	6.42	26.36
MILK & PR	18	7.56	25.25
MILK & PR	20	6.11	22.40
MILK & PR	21	7.27	26.44
MILK & PR	22	6.83	23.07
MILK & PR	23	8.65	24.92
MILK & PR	24	7.54	27.28
MILK & PR	25	8.32	23.36
MILK & PR	27	7.27	23.49
MILK & PR	28	8.13	23.23
MILK & PR	32	9.04	27.85
MILK & PR	38	8.92	24.63
** PUR27			
TOTAL FOOD	17	32.46	73.37
TOTAL FOOD	18	31.60	65.97
TOTAL FOOD	20	28.92	63.26
TOTAL FOOD	21	33.72	69.41
TOTAL FOOD	22	29.90	60.07
TOTAL FOOD	23	37.26	72.05
TOTAL FOOD	24	32.56	71.52
TOTAL FOOD	25	33.60	67.00
TOTAL FOOD	27	37.06	74.96
TOTAL FOOD	28	35.48	71.20
TOTAL FOOD	32	33.05	71.45
TOTAL FOOD	38	32.55	65.24
** PUR30			
TOTAL EXP.	17	40.94	111.92
TOTAL EXP.	18	40.84	100.01
TOTAL EXP.	20	36.98	93.07
TOTAL EXP.	21	42.06	91.40
TOTAL EXP.	22	37.61	90.13
TOTAL EXP.	23	47.67	111.67
TOTAL EXP.	24	43.54	110.37
TOTAL EXP.	25	43.15	98.22
TOTAL EXP.	27	48.54	113.65

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	42.78	97.03
TOTAL EXP.	32	43.64	106.77
TOTAL EXP.	38	44.25	101.27
** PUU 1			
FOODGRAINS	17	15.52	19.65
FOODGRAINS	18	12.23	17.09
FOODGRAINS	20	12.13	15.65
FOODGRAINS	21	14.17	20.09
FOODGRAINS	22	11.24	13.83
FOODGRAINS	23	12.82	16.56
FOODGRAINS	24	11.61	15.43
FOODGRAINS	25	12.86	16.65
FOODGRAINS	27	11.91	17.22
FOODGRAINS	28	12.08	15.62
FOODGRAINS	32	11.61	15.23
FOODGRAINS	38	9.99	12.75
** PUU 2			
CEREALS	17	13.87	16.03
CEREALS	18	11.08	14.97
CEREALS	20	10.72	13.71
CEREALS	21	13.02	17.74
CEREALS	22	10.84	12.50
CEREALS	23	11.57	14.07
CEREALS	24	10.42	13.45
CEREALS	25	11.30	14.35
CEREALS	27	10.49	14.36
CEREALS	28	11.29	13.77
CEREALS	32	10.52	13.17
CEREALS	38	8.78	10.62
** PUU 3			
RICE & PR	17	0.88	1.42
RICE & PR	27	1.00	1.87
RICE & PR	28	0.65	1.47
RICE & PR	32	1.07	1.66
** PUU 4			
WHEAT & PR	17	13.10	14.71
WHEAT & PR	27	9.55	12.99
WHEAT & PR	28	12.45	14.67
WHEAT & PR	32	9.49	11.56
** PUU 5			
JAWAR & PR	17	0.00	0.00
JAWAR & PR	27	0.00	0.04
JAWAR & PR	28	0.09	0.08
JAWAR & PR	32	0.00	0.00

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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
** PUU 6			
BAJRA & PR	17	0.00	0.00
BAJRA & PR	27	0.01	0.02
BAJRA & PR	28	0.00	0.05
BAJRA & PR	32	0.02	0.02
** PUU 7			
MAIZE & PR	17	0.45	0.52
MAIZE & PR	27	0.65	0.45
MAIZE & PR	28	0.40	0.24
MAIZE & PR	32	0.20	0.23
** PUU 8			
RAGI & PR	17	0.00	0.00
RAGI & PR	27	0.00	0.00
RAGI & PR	28	0.00	0.00
RAGI & PR	32	0.00	0.00
** PUU 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
** PUU10			
SM. MILLET	17	0.00	0.00
SM. MILLET	27	0.00	0.00
SM. MILLET	28	0.00	0.00
SM. MILLET	32	0.00	0.00
** PUU11			
GRAM	17	0.00	0.96
GRAM	20	0.01	0.06
GRAM	21	0.02	0.07
GRAM	22	0.02	0.06
GRAM	23	0.03	0.07
GRAM	24	0.02	0.06
GRAM	25	0.05	0.09
GRAM	27	0.05	0.15
GRAM	28	0.00	0.06
GRAM	32	0.11	0.27
GRAM	38	0.06	0.21
** PUU13			
CEREAL SUB	17	0.00	0.00
CEREAL SUB	18	0.00	0.00
CEREAL SUB	20	0.03	0.00
CEREAL SUB	21	0.00	0.00
CEREAL SUB	22	0.00	0.00
CEREAL SUB	23	0.00	0.00
CEREAL SUB	24	0.01	0.00
CEREAL SUB	25	0.00	0.01

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	0.01
CEREAL SUB	28	0.00	0.00
CEREAL SUB	32	0.00	0.00
CEREAL SUB	38	0.00	0.00
** PUU14			
PULSE & PR	17	1.35	2.55
PULSE & PR	18	1.10	2.07
PULSE & PR	20	1.45	1.98
PULSE & PR	21	1.24	2.39
PULSE & PR	22	0.86	1.64
PULSE & PR	23	1.14	2.37
PULSE & PR	24	1.15	1.91
PULSE & PR	25	1.50	2.20
PULSE & PR	27	1.46	2.72
PULSE & PR	28	1.09	1.97
PULSE & PR	32	1.21	1.94
PULSE & PR	38	1.27	1.94
** PUU15			
MILK & PR	17	3.54	19.95
MILK & PR	18	7.11	18.65
MILK & PR	20	4.66	15.70
MILK & PR	21	6.17	21.58
MILK & PR	22	4.40	17.46
MILK & PR	23	5.57	16.57
MILK & PR	24	7.11	18.69
MILK & PR	25	7.10	18.37
MILK & PR	27	7.09	19.85
MILK & PR	28	6.62	18.24
MILK & PR	32	6.99	18.30
MILK & PR	38	7.69	16.13
** PUU27			
TOTAL FOOD	17	25.95	60.64
TOTAL FOOD	18	27.98	56.37
TOTAL FOOD	20	26.19	51.56
TOTAL FOOD	21	30.31	62.79
TOTAL FOOD	22	24.85	50.10
TOTAL FOOD	23	27.80	57.05
TOTAL FOOD	24	28.94	59.36
TOTAL FOOD	25	30.39	61.12
TOTAL FOOD	27	33.20	67.44
TOTAL FOOD	28	32.09	60.65
TOTAL FOOD	32	27.98	53.11
TOTAL FOOD	38	27.48	49.54
** PUU30			
TOTAL EXP.	17	33.16	98.28
TOTAL EXP.	18	37.48	96.65
TOTAL EXP.	20	36.38	85.46
TOTAL EXP.	21	[illegible]	[illegible]

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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	35.59	85.98
TOTAL EXP.	23	37.63	90.74
TOTAL EXP.	24	42.01	99.48
TOTAL EXP.	25	42.16	101.93
TOTAL EXP.	27	45.98	108.15
TOTAL EXP.	28	40.91	87.33
TOTAL EXP.	32	36.71	80.93
TOTAL EXP.	38	37.31	83.36

PER CAPITA ENERGY INTAKE (CALORIES PER DAY) BY DECILES

PUR	17	2116	3799
PUR	18	1703	2920
PUR	20	1754	3273
PUR	21	2088	3762
PUR	22	1784	3073
PUR	23	2258	3809
PUR	24	1832	3427
PUR	25	1890	3218
PUR	27	1912	3388
PUR	28	1870	3354
PUR	32	1819	3517
PUR	38	1749	3116

PUU	17	1691	2831
PUU	18	1276	2013
PUU	20	1580	2423
PUU	21	1817	3048
PUU	22	1468	2379
PUU	23	1670	2706
PUU	24	1594	2609
PUU	25	1726	2677
PUU	27	1662	2877
PUU	28	1653	2566
PUU	32	1536	2455
PUU	38	1452	2156

PER CAPITA ENERGY INTAKE (PROTEIN PER DAY) BY DECILES

PUR	17	62	108
PUR	18	56	99
PUR	20	50	94
PUR	21	58	109
PUR	22	47	79
PUR	23	61	98
PUR	24	50	98
PUR	25	53	91
PUR	27	52	94
PUR	28	51	94
PUR	32	50	101
PUR	38	47	87

PUU	17	49	79
PUU	18	42	69
PUU	20	41	67
PUU	21	49	86
PUU	22	39	63
PUU	23	44	71
PUU	24	43	73
PUU	25	46	75
PUU	27	44	79
PUU	28	44	72
PUU	32	43	69
PUU	38	40	60

FIG.1

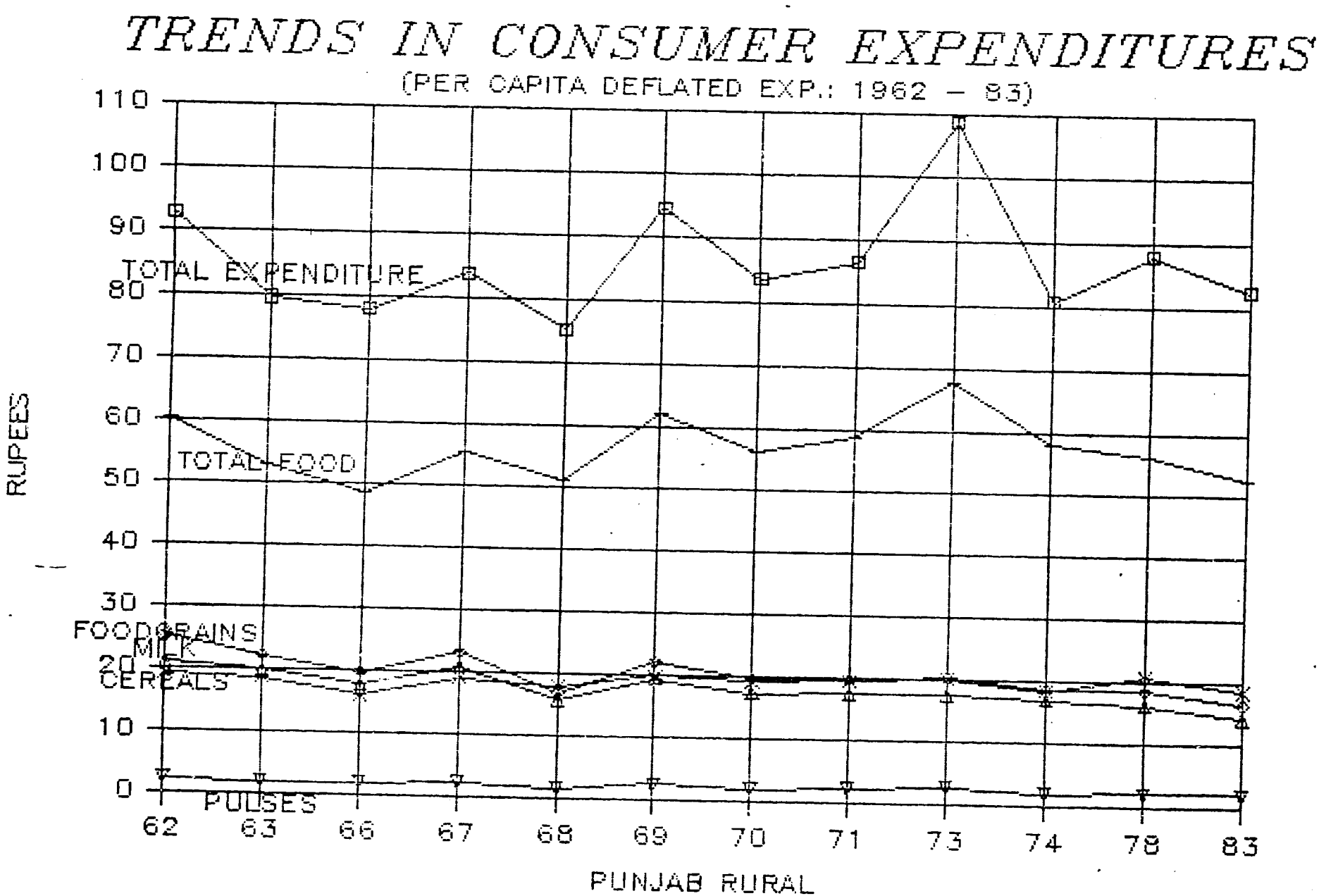

TRENDS IN CONSUMER EXPENDITURES
(PER CAPITA DEFLATED EXP.: 1962 - 83)
RUPEES
110
100
90
80
70
60
50
40
30
20
10
0
TOTAL EXPENDITURE
TOTAL FOOD
FOODGRAINS
MILK
CEREALS
PULSES
62
63
66
67
68
69
70
71
73
74
78
83
PUNJAB RURAL

FIG.2

PER CAPITA EXPENDITURES: 1962–83

BY DECILE GROUPS

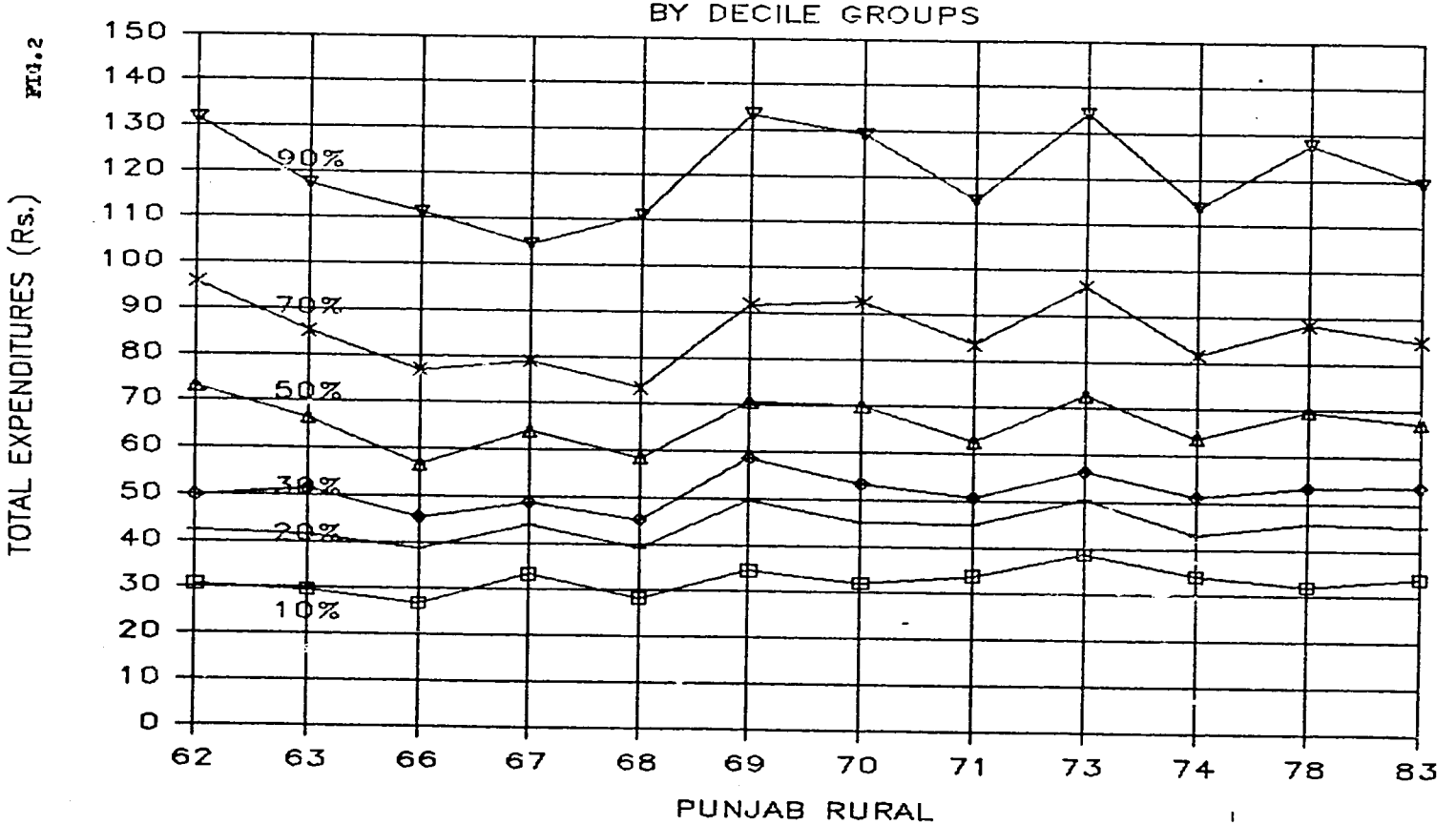


FIG.3

PER CAPITA EXPENDITURES: 1962–83

BY DECILE GROUPS

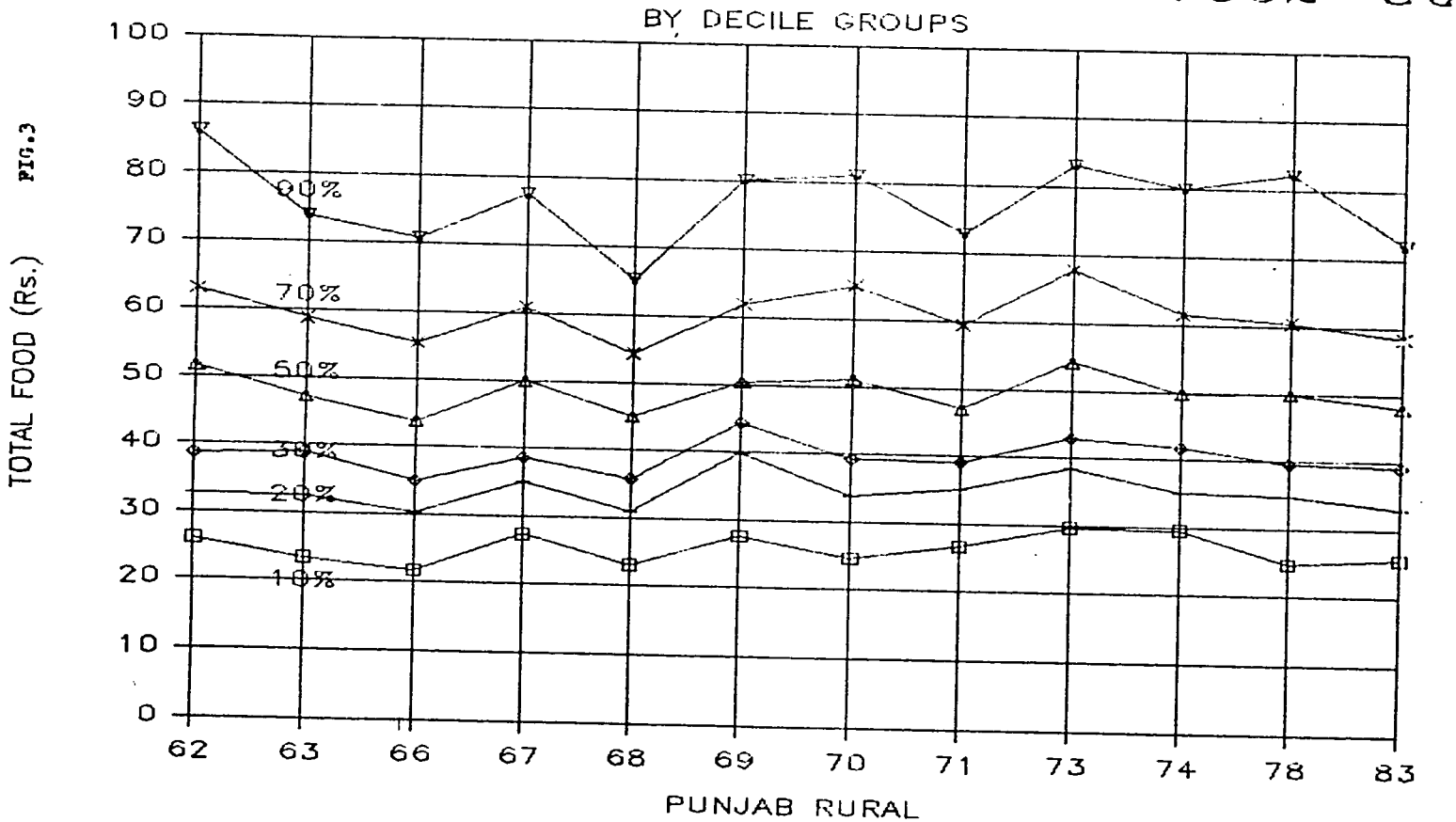
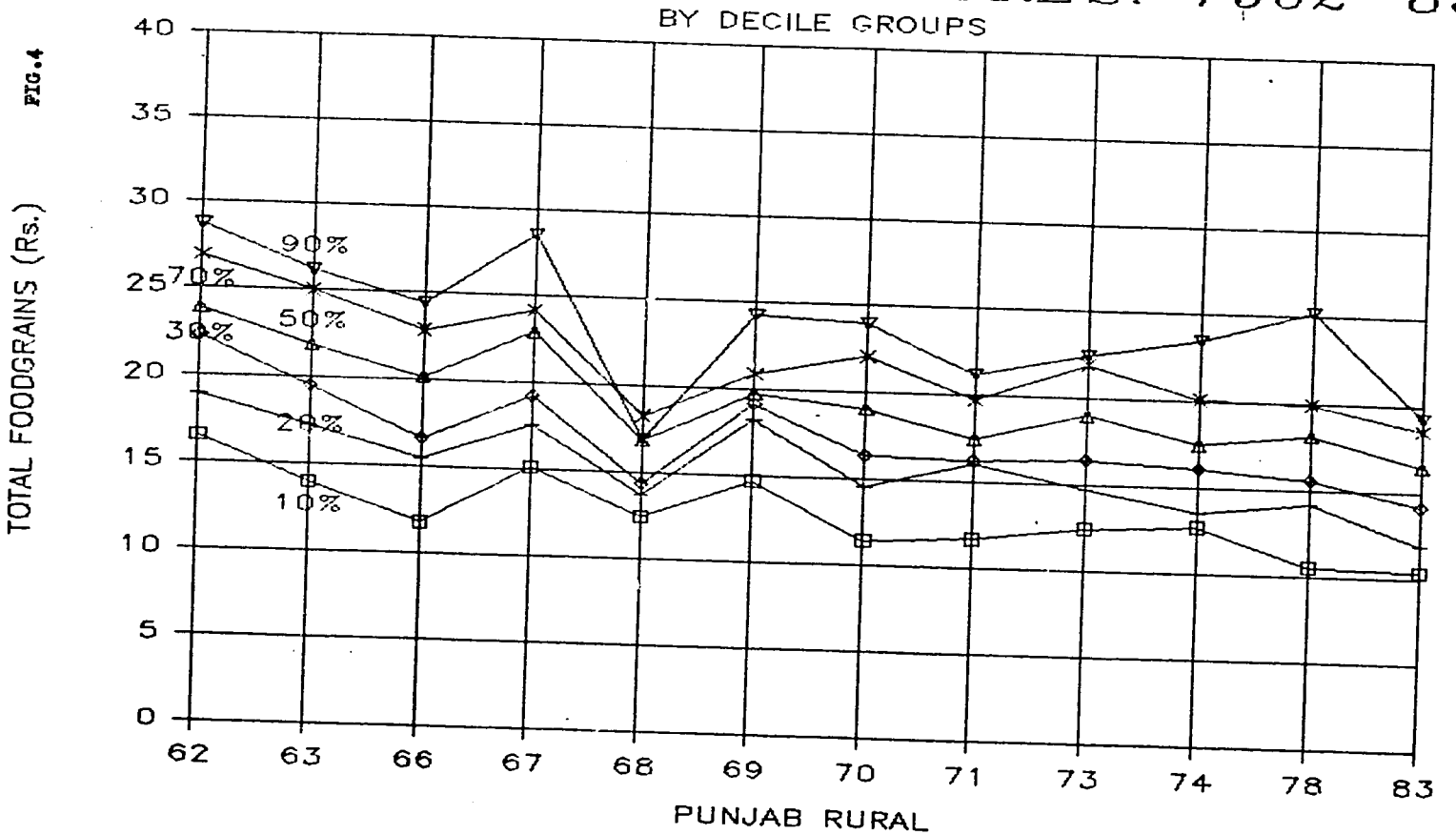


FIG.4

PER CAPITA EXPENDITURES: 1962–83

BY DECILE GROUPS



PER CAPITA EXPENDITURES: 1962–83

FIG.5
RATIO

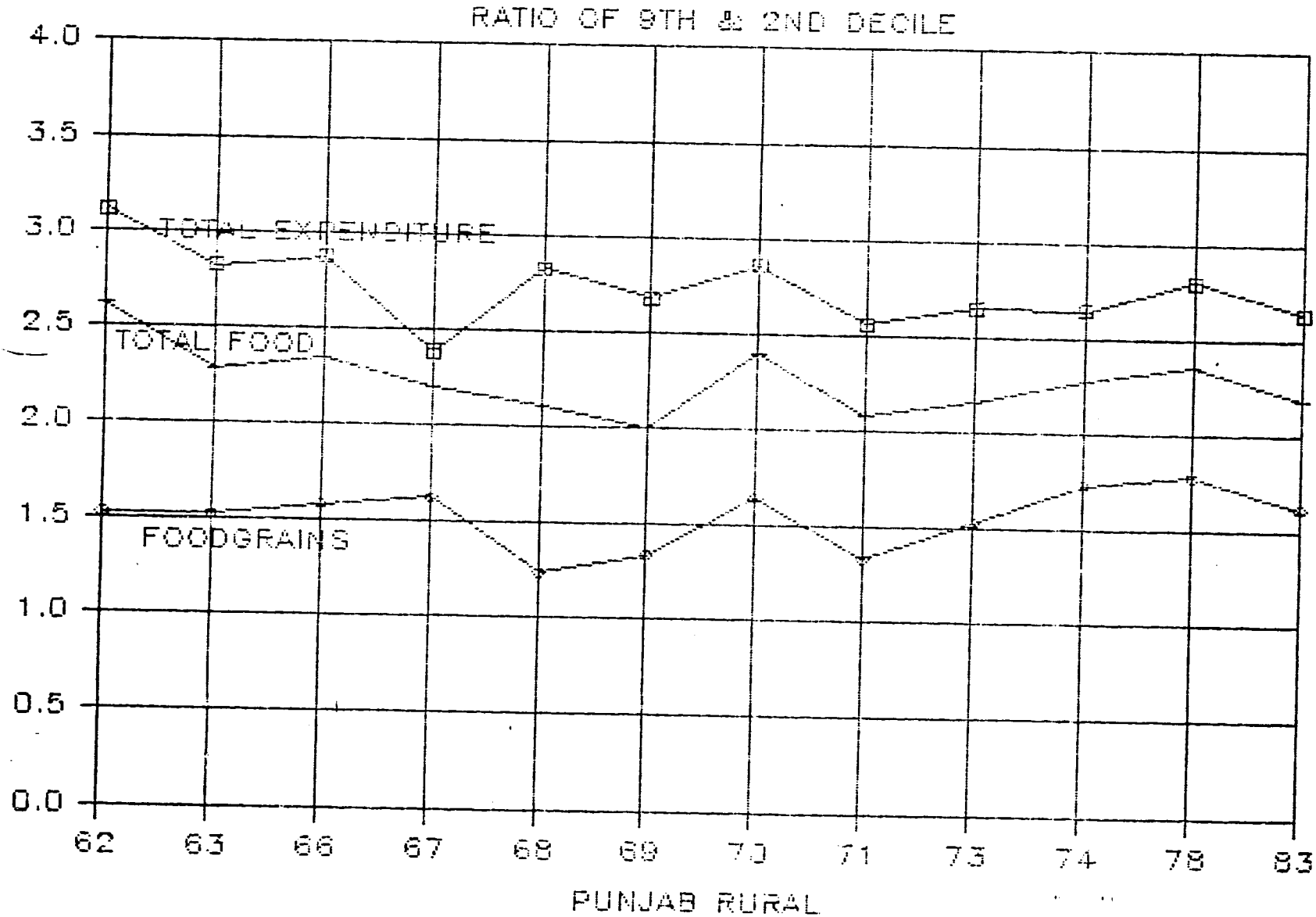
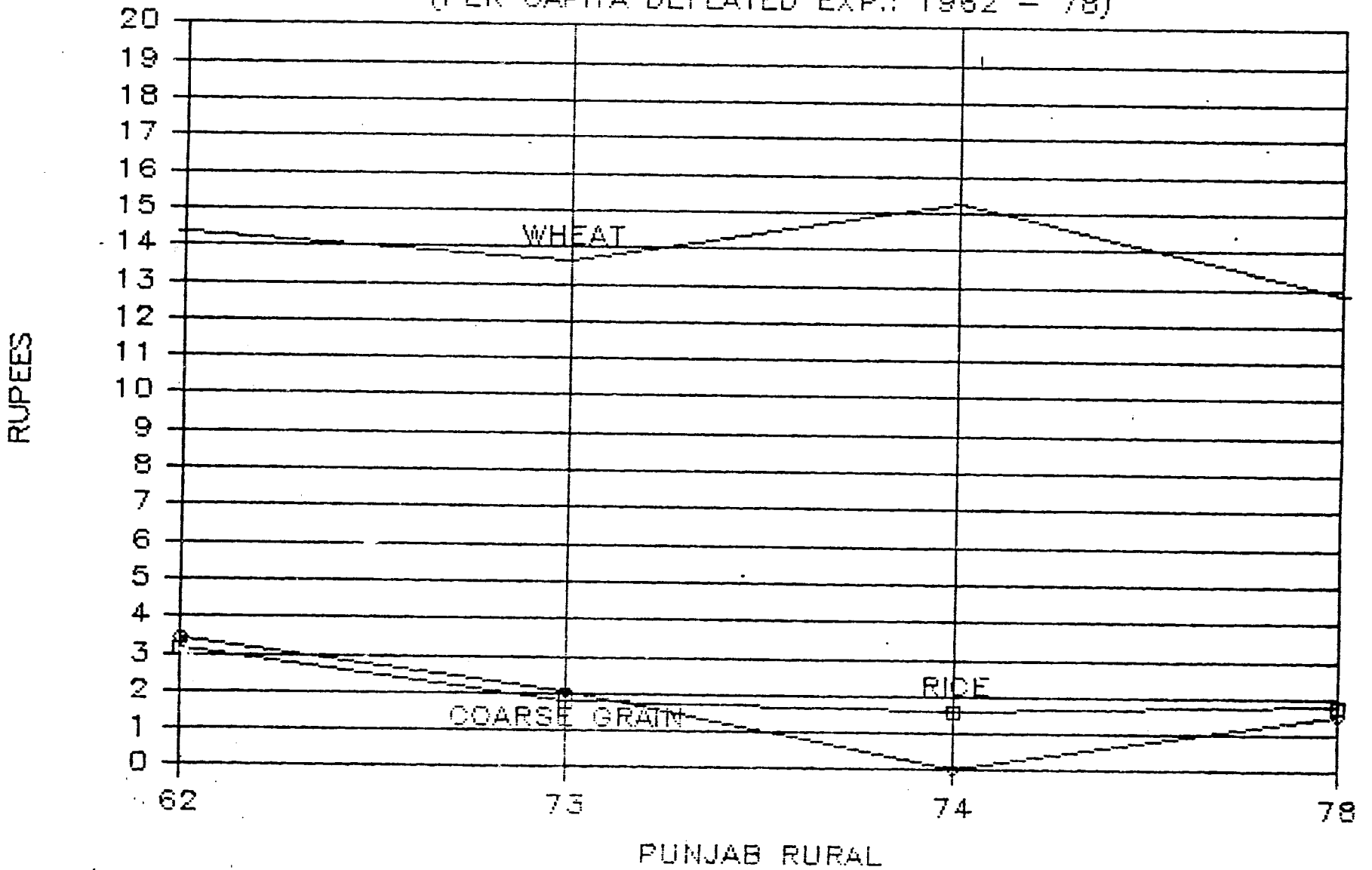


FIG:6

TRENDS IN CONSUMER EXPENDITURES

(PER CAPITA DEFLATED EXP.: 1962 – 78)



PER CAPITA EXPENDITURES: 1962–83

BY DECILE GROUPS

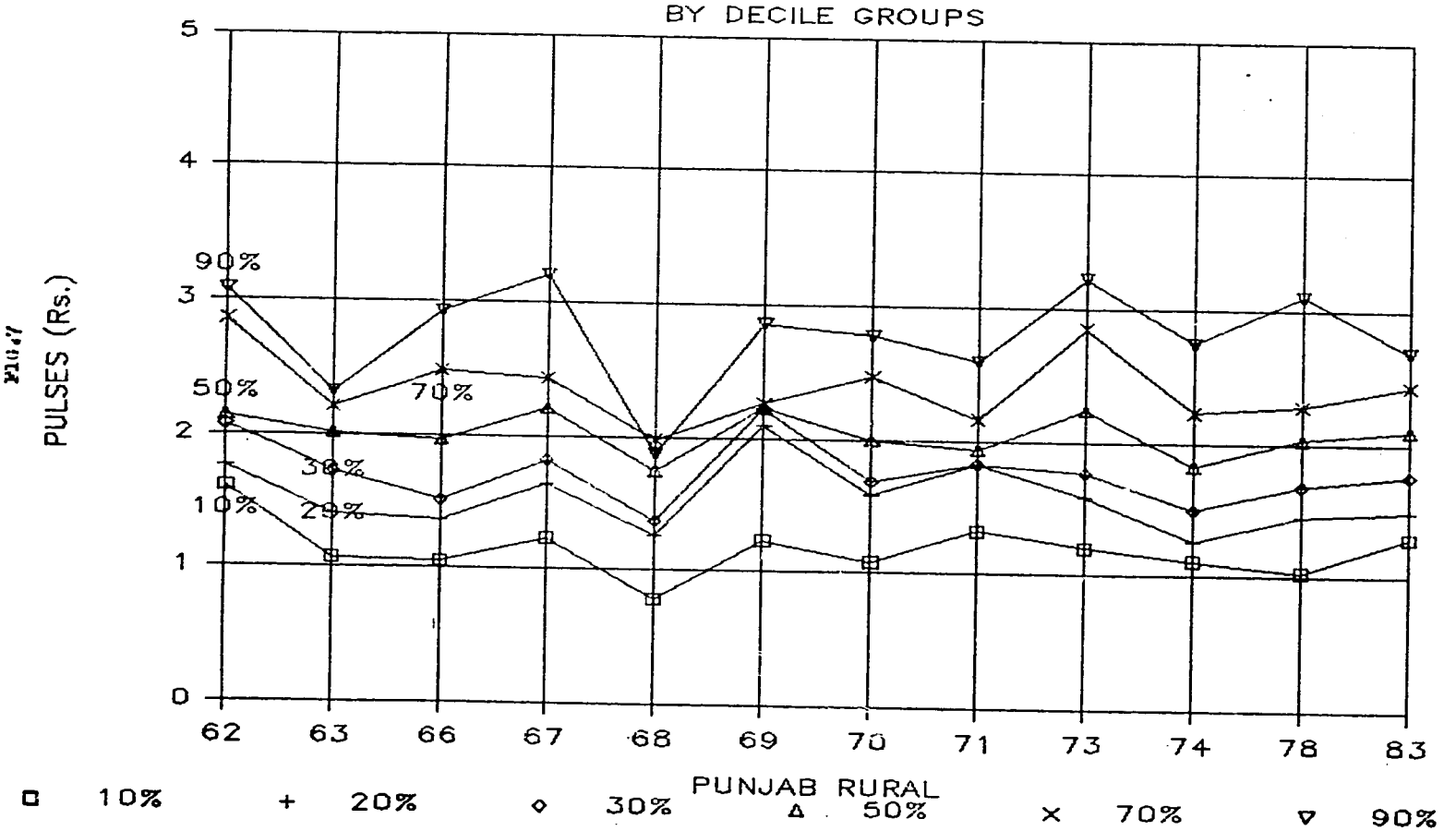


Fig. 11

PER CAPITA ENERGY INTAKE: 1962–83

BY DECILE GROUPS

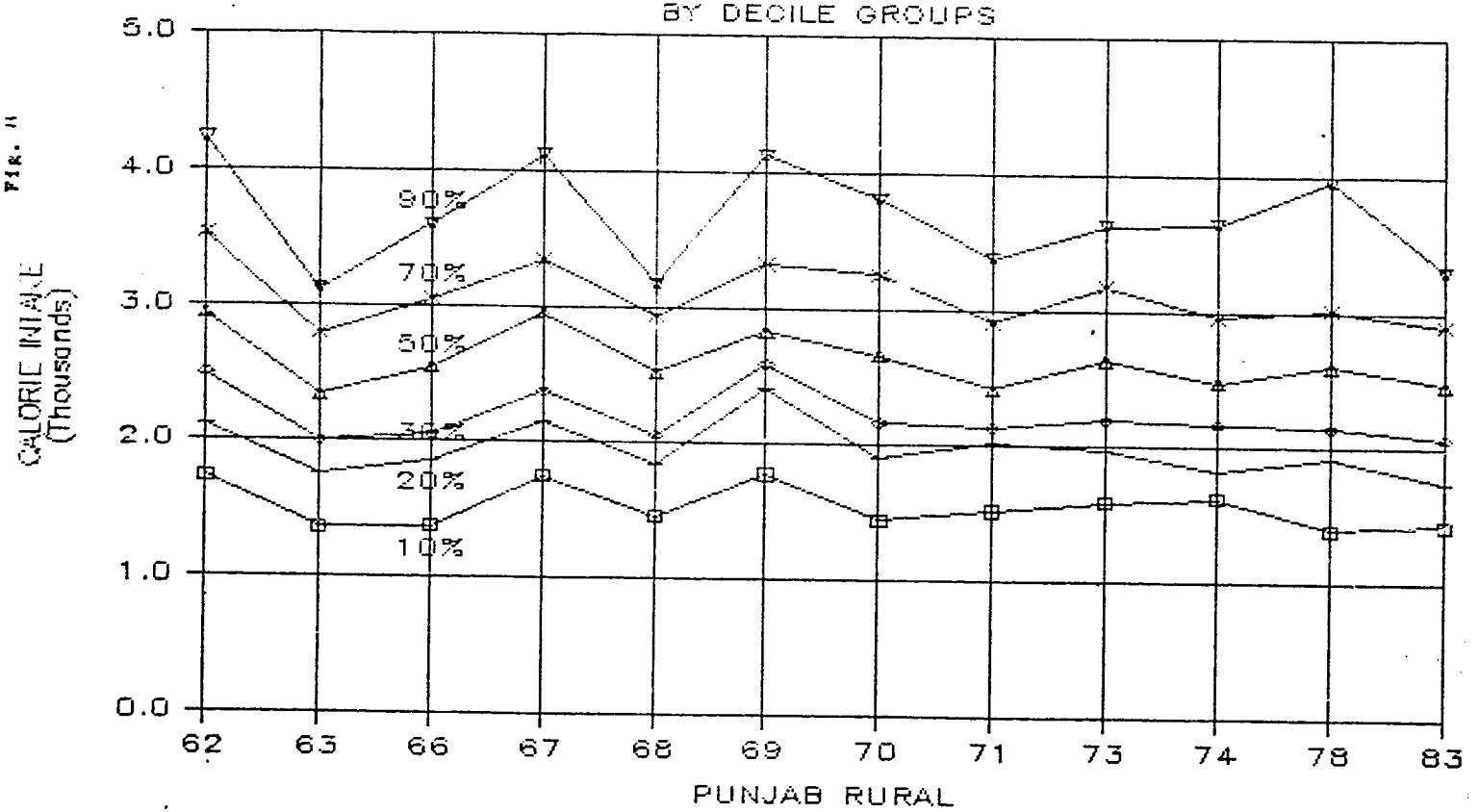


FIG.9

PER CAPITA PROTEIN INTAKE: 1962 - 83
BY DECILE GROUPS

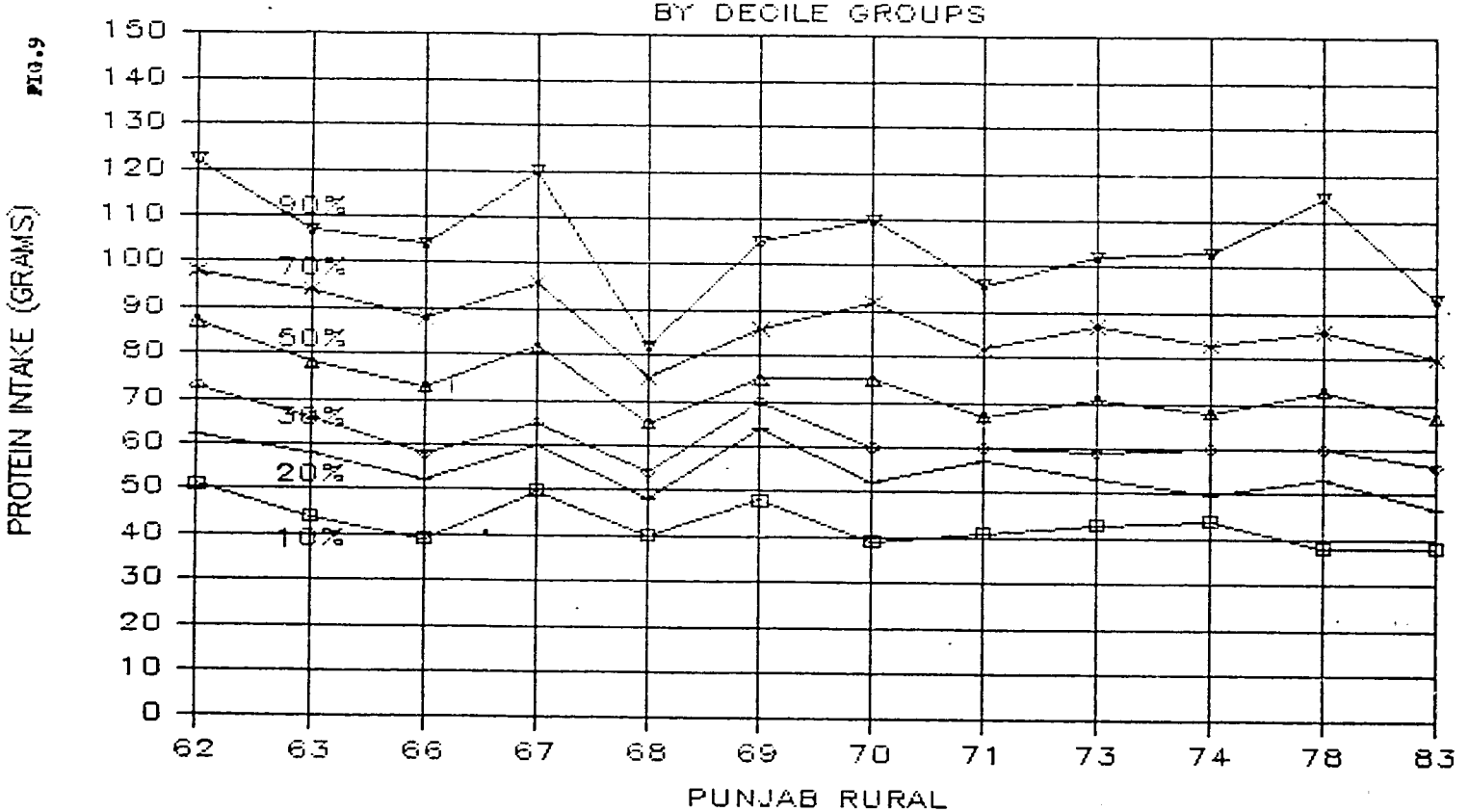
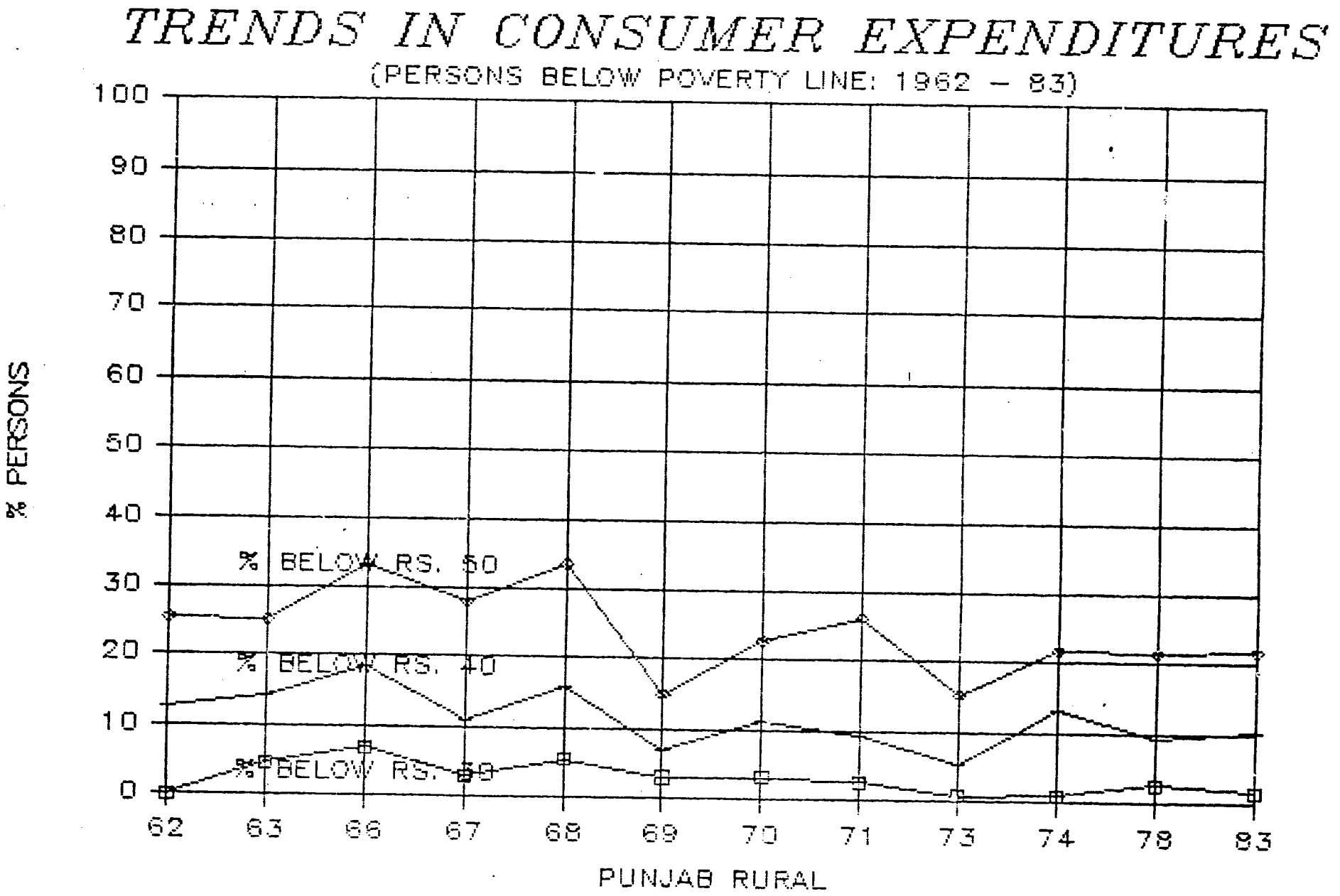


FIG.10


TRENDS IN CONSUMER EXPENDITURES
(PERSONS BELOW POVERTY LINE: 1962 – 83)
% PERSONS
100
90
80
70
60
50
40
30
20
10
0
% BELOW RS. 50
% BELOW RS. 40
% BELOW RS. 30
62
63
66
67
68
69
70
71
73
74
78
83
PUNJAB RURAL

TRENDS IN CONSUMER EXPENDITURES

(PER CAPITA DEFLATED EXP.: 1962 – 83)

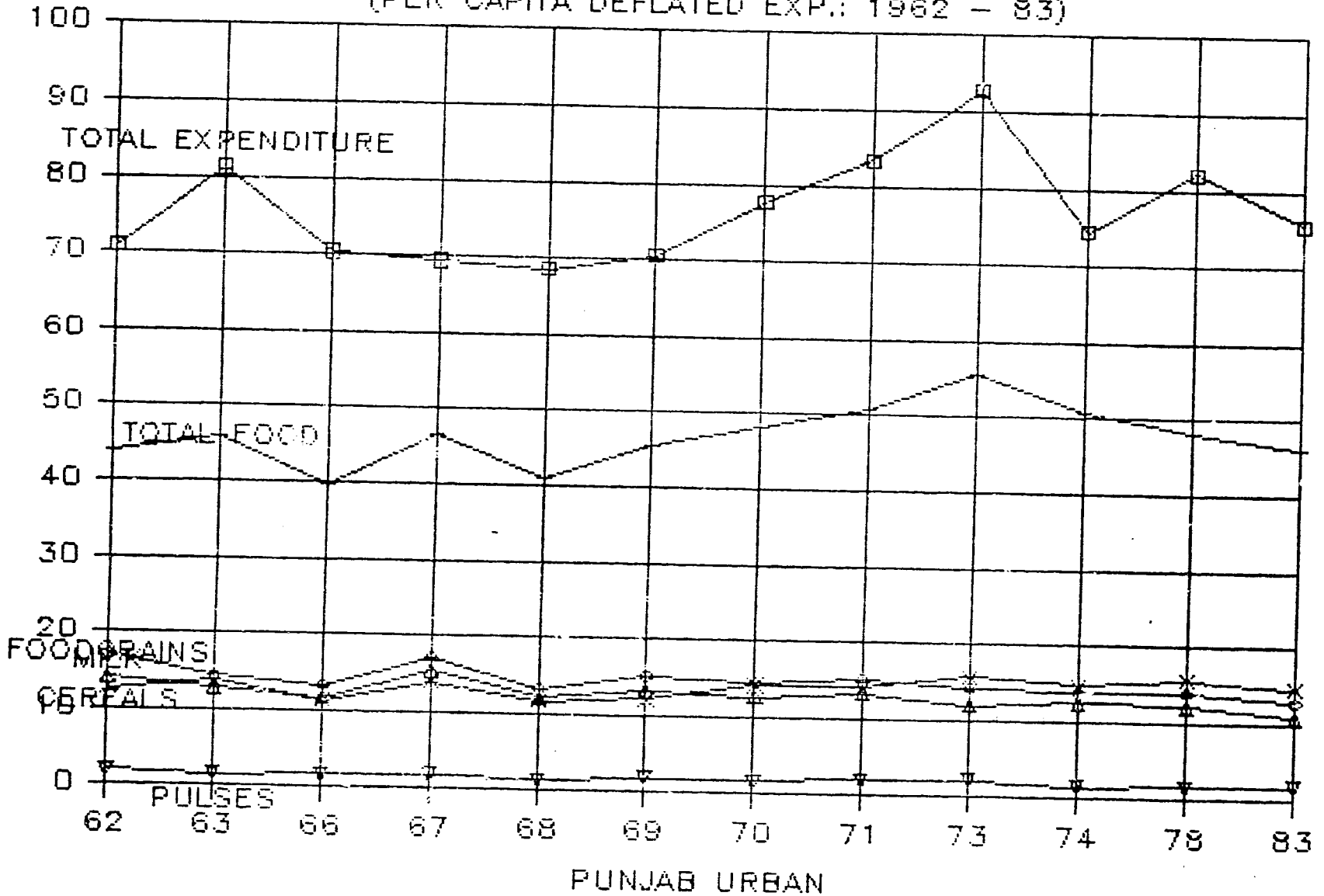


FIG.11

FIG.12

PER CAPITA EXPENDITURES: 1962–83

BY DECILE GROUPS

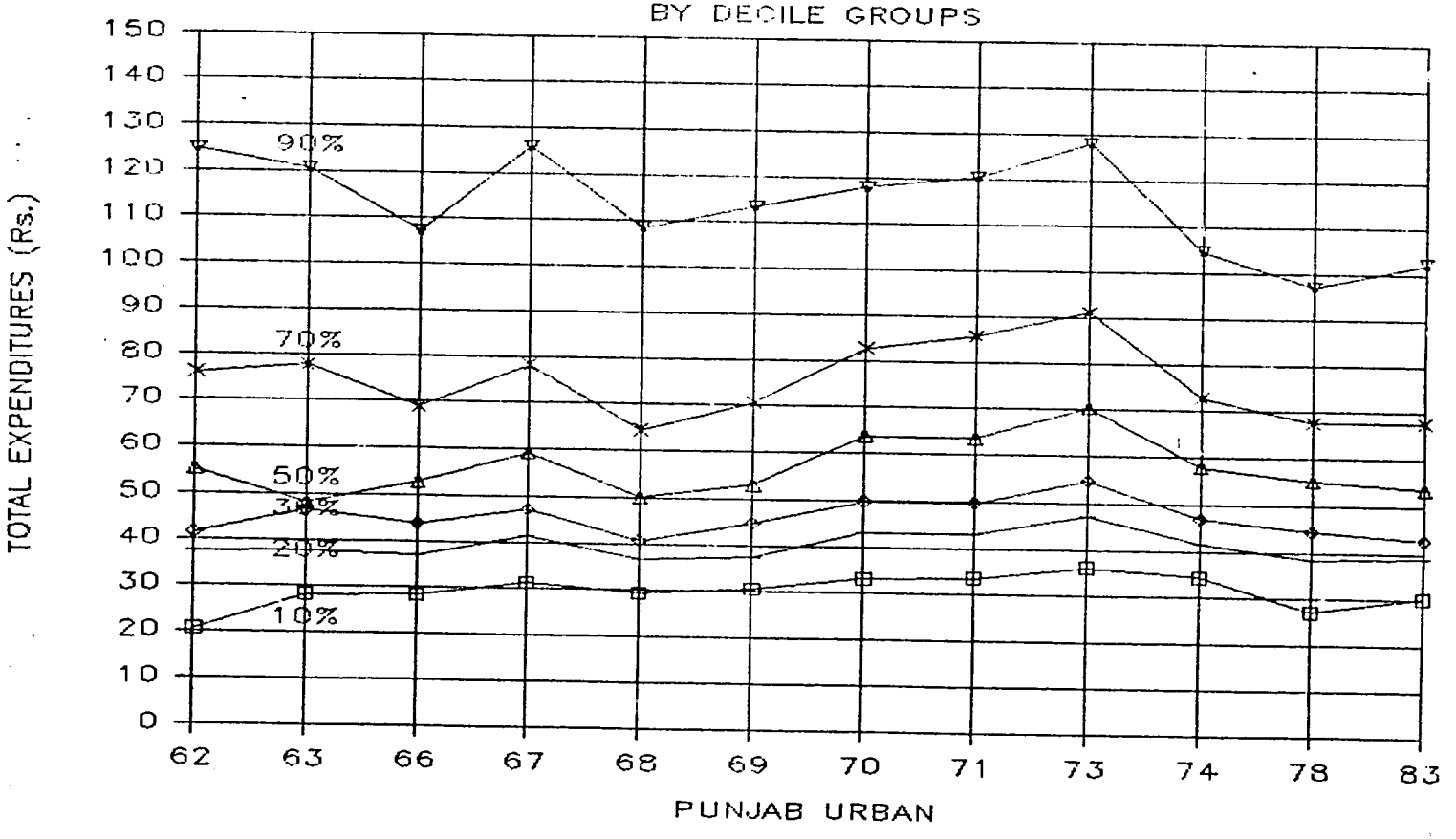


FIG.13

PER CAPITA EXPENDITURES: 1962–83

BY DECILE GROUPS

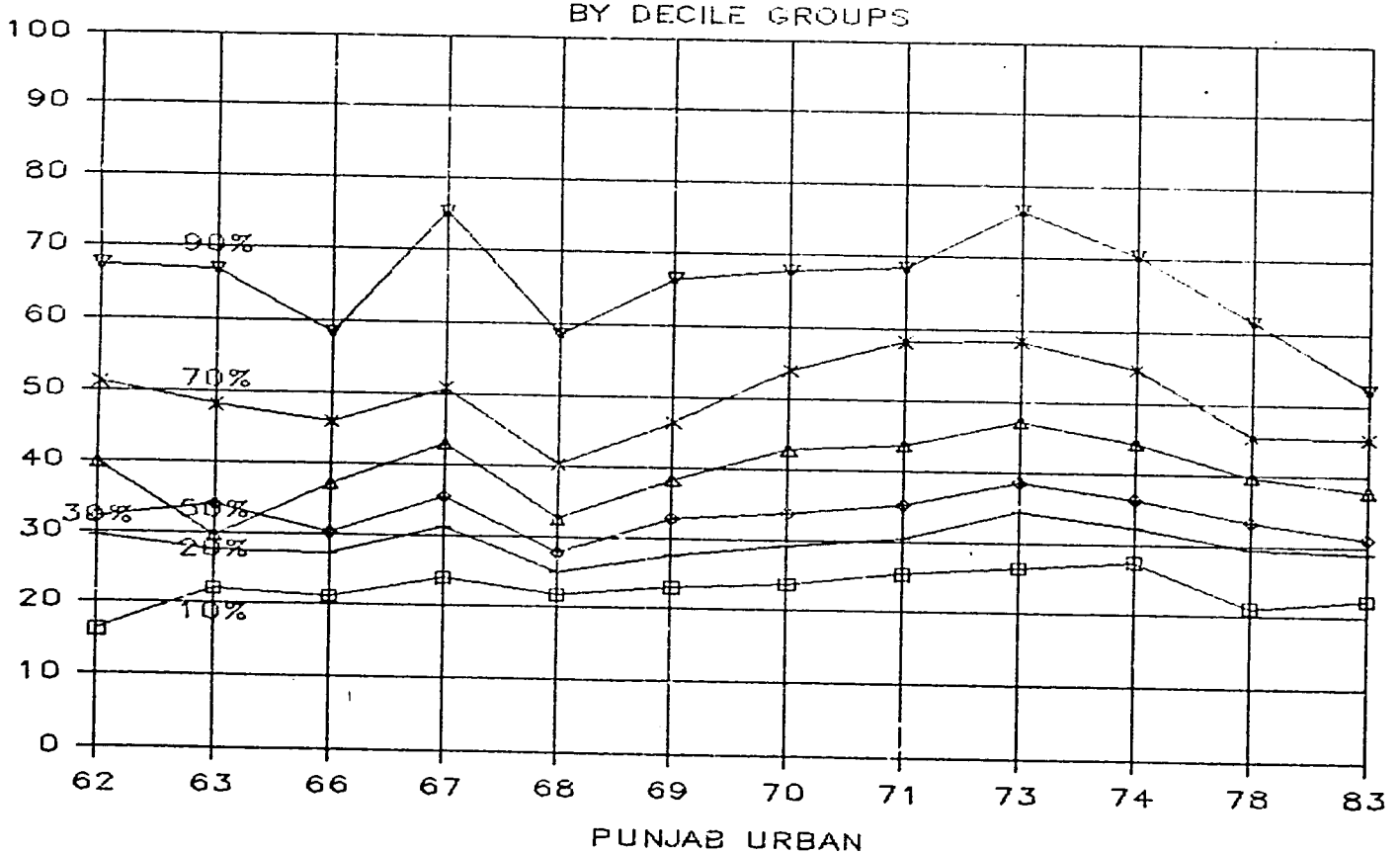


FIG.14

PER CAPITA EXPENDITURES: 1962–83

BY DECILE GROUPS

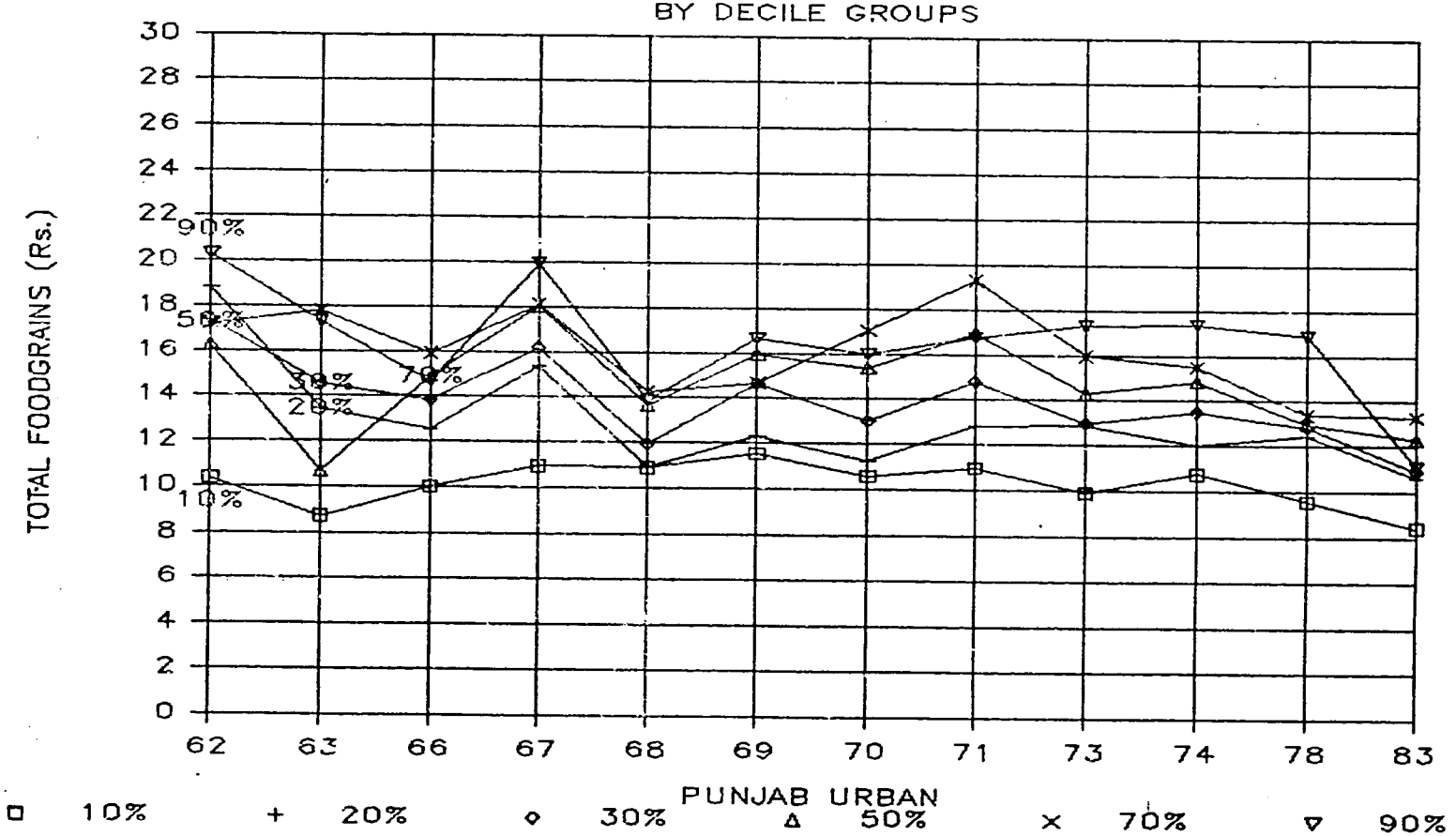
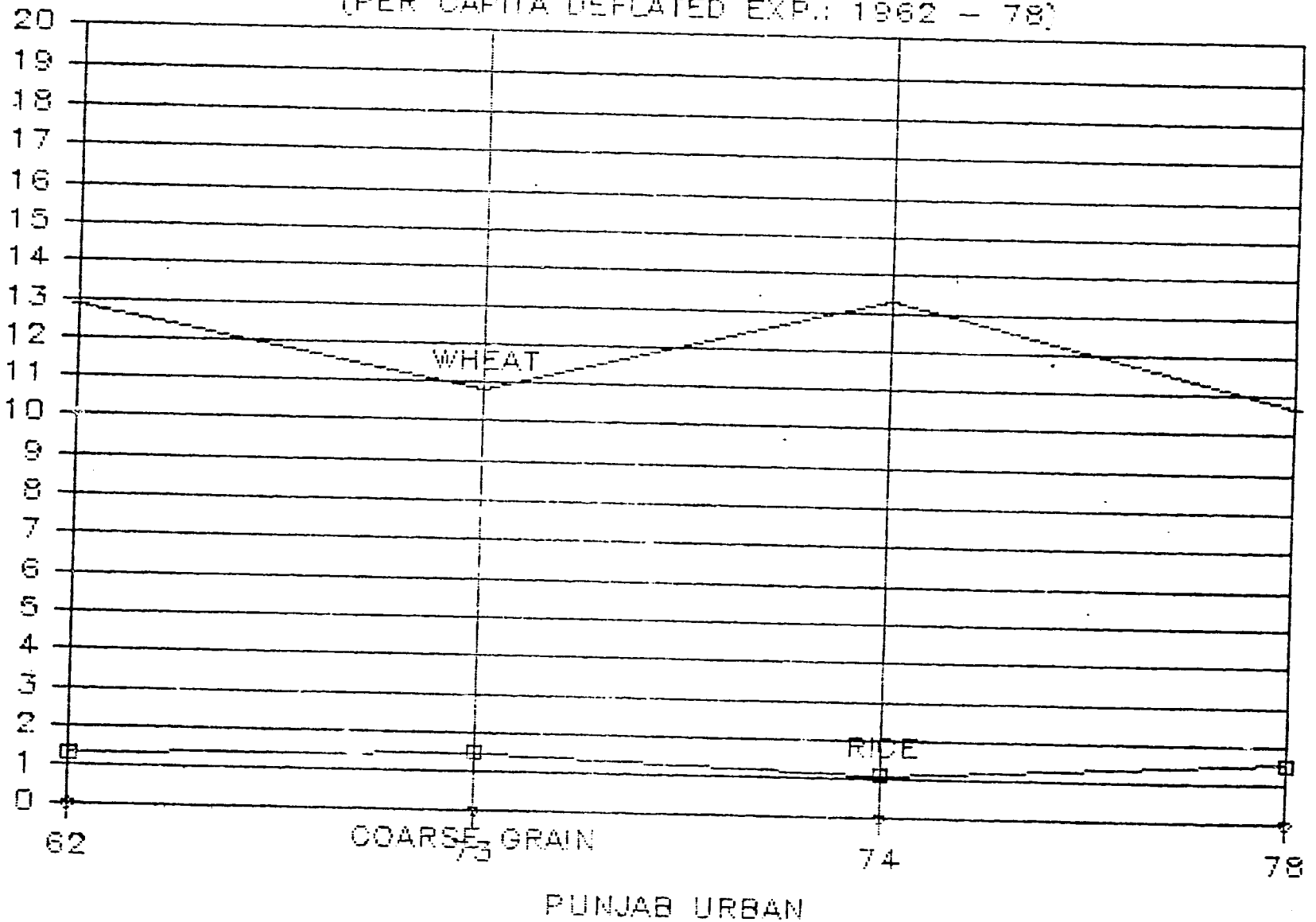


FIG.16

TRENDS IN CONSUMER EXPENDITURES

(PER CAPITA DEFLATED EXP.: 1962 – 78)



PER CAPITA EXPENDITURES: 1962–83

RATIO OF 9TH & 2ND DECILE

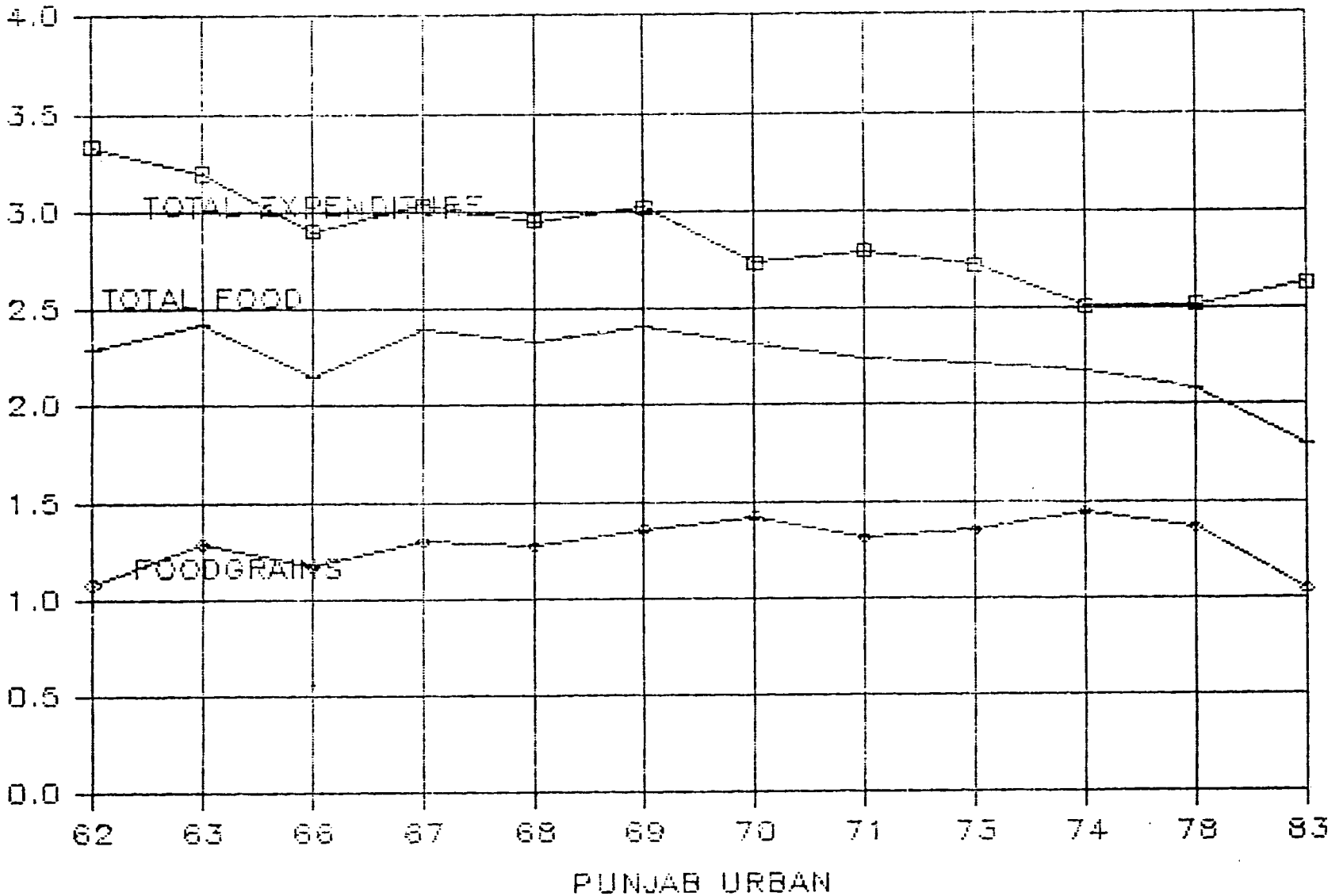


FIG.16
RATIO

FIG.3.7

PER CAPITA EXPENDITURES: 1962–83

BY DECILE GROUPS

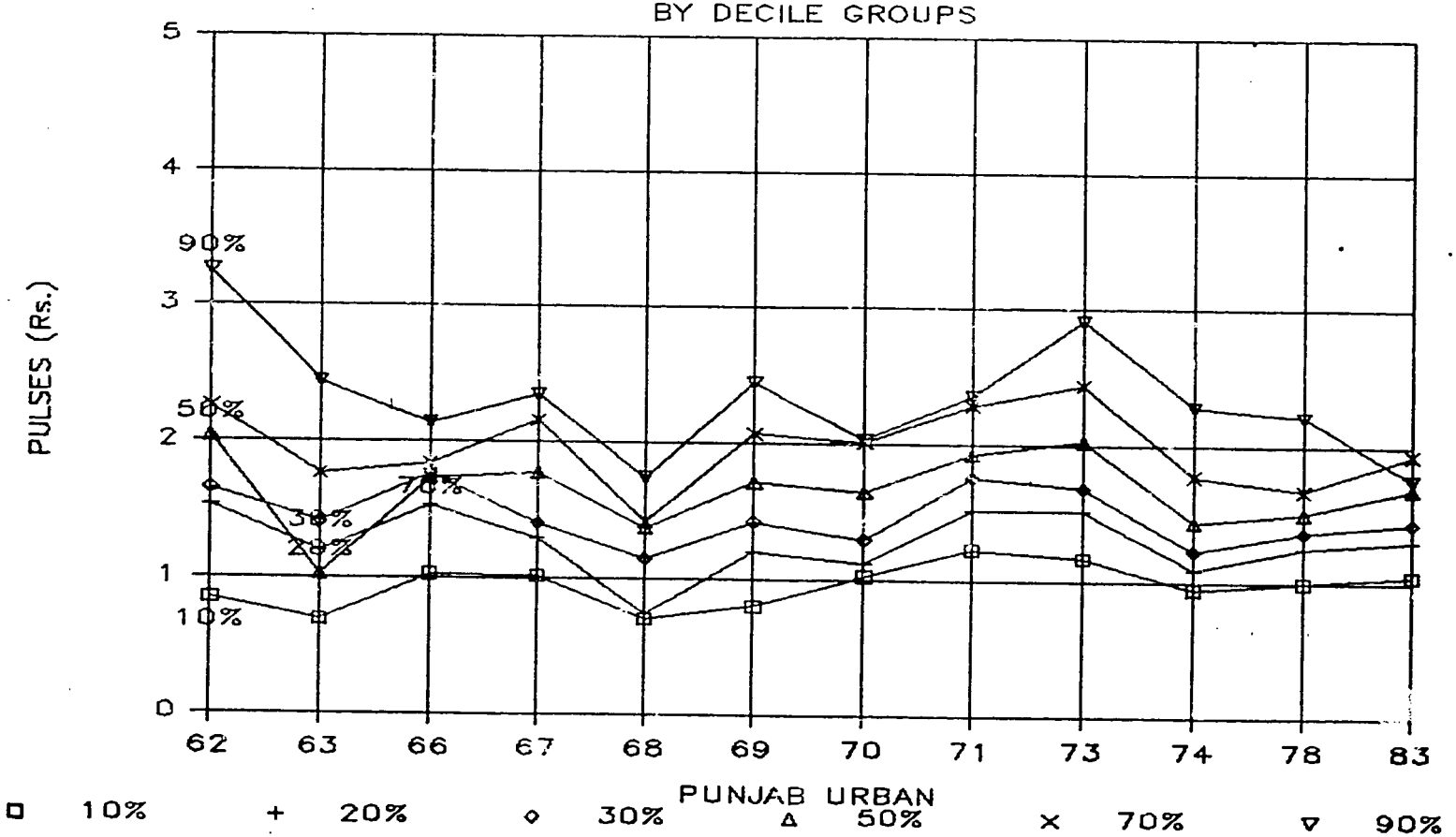


FIG.10

PER CAPITA ENERGY INTAKE: 1962–83

BY DECILE GROUPS

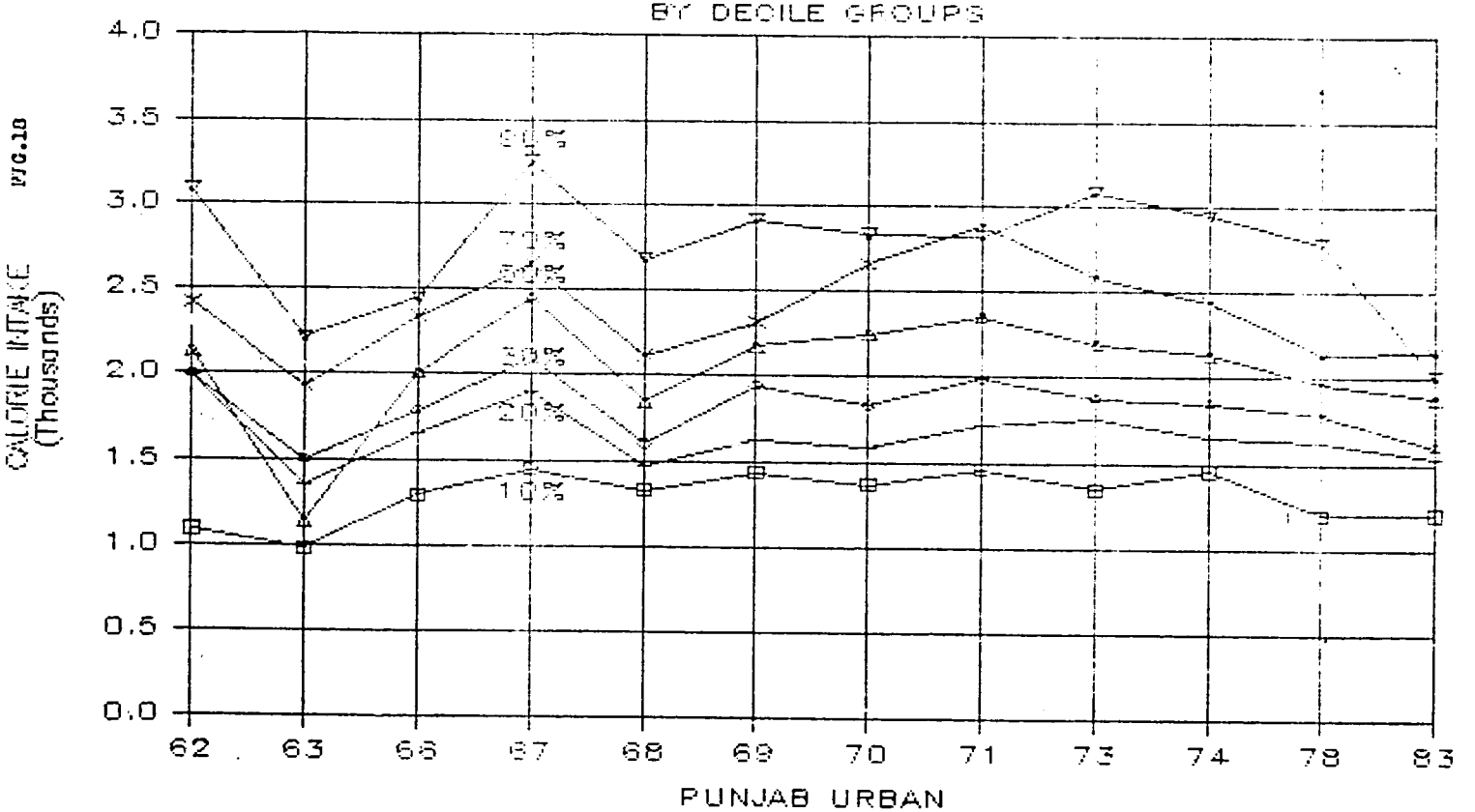


FIG.19

PER CAPITA PROTEIN INTAKE: 1962 – 83
BY DECILE GROUPS

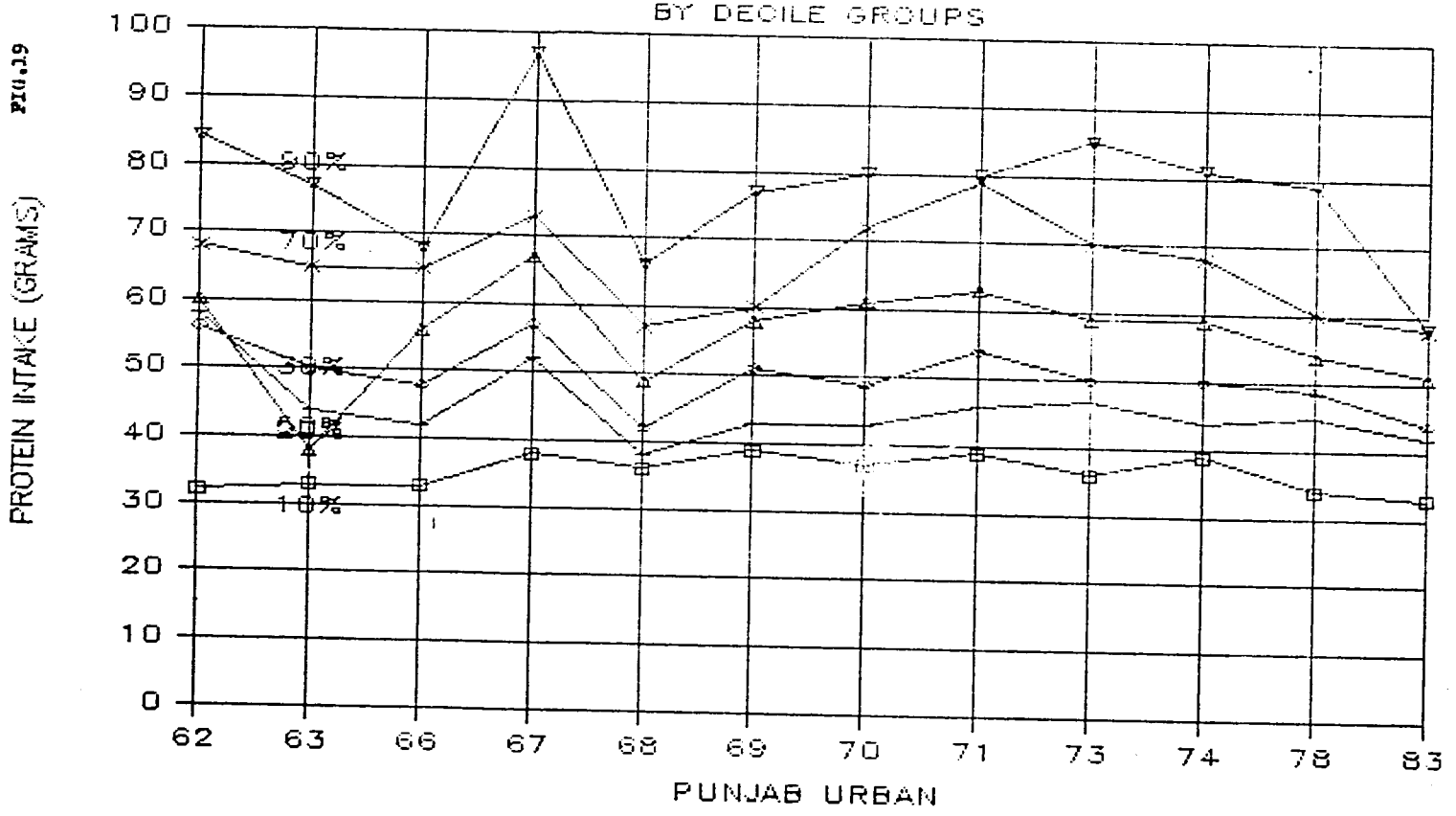
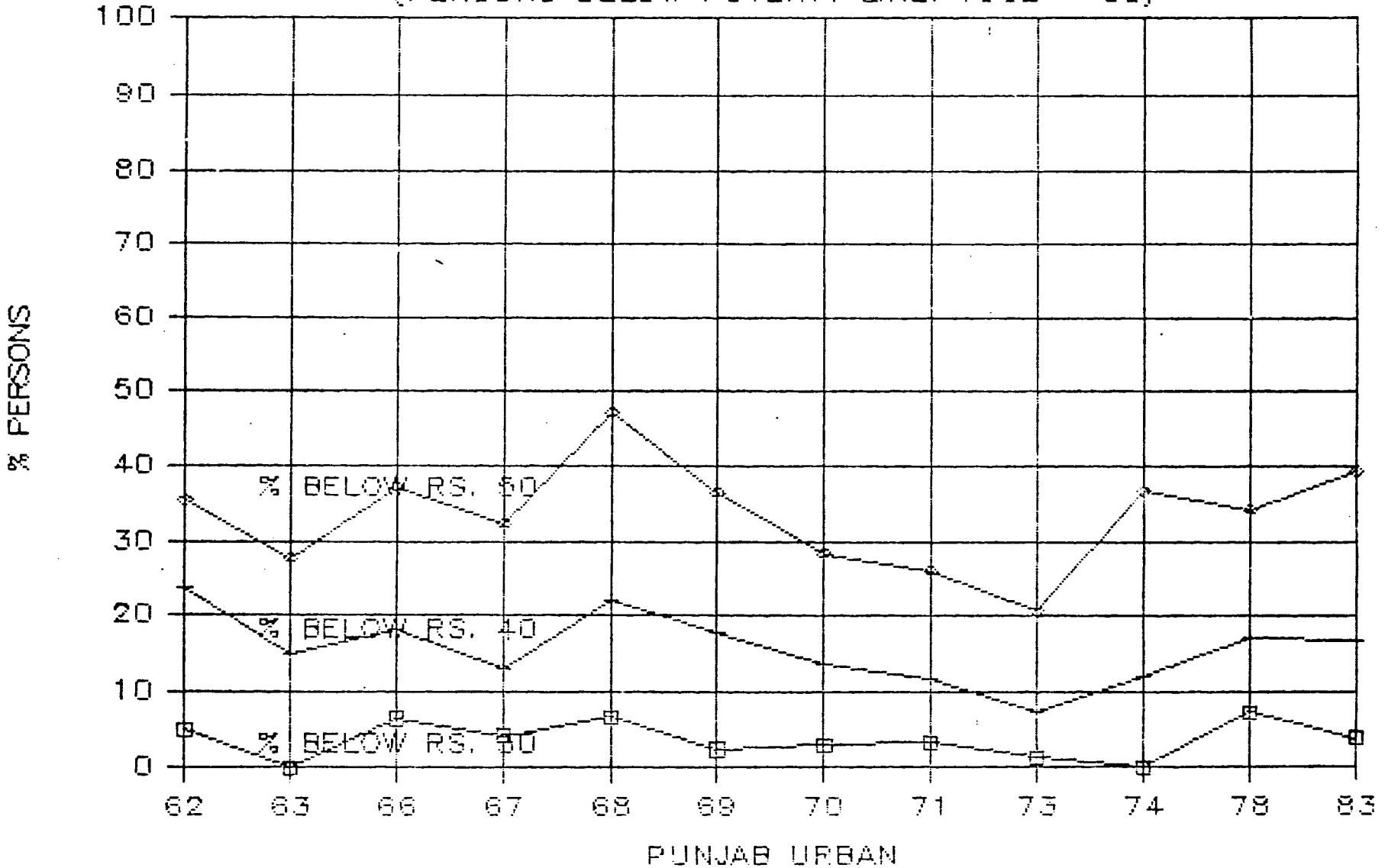


FIG.20

TRENDS IN CONSUMER EXPENDITURES

(PERSONS BELOW POVERTY LINE: 1962 – 83)