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FOOD CONSUMPTION PROFILE OF HIMACHAL PRADESH

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

By

SAROJ GUPTA

June 1987

The views and interpretations expressed in this report are those of the author and should not be attributed to the U.S. Agency for International Development.

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SAROJ GUPTA

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

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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', whereas 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 HIMACHAL PRADESH: RURAL

I. Comment on Prices

Implicit prices of NSSO in this state are 1% lower than wholesale prices in urban areas and 15% lower than wholesale prices in rural areas. Relatively lower rural prices are the result of a significant proportion of food obtained from self production. Inter-class variations are as much as 29% higher for the rich in the rural areas. These variations are indicative of a mix of cheaper and lower quality products for the poor as well as greater effort on their part to procure goods at lower prices. These variations are about 27% in urban areas. (See Annexure 2).

II. RURAL AREAS

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

Average monthly per capita expenditure on all items (MPCE) was around Rs.55 in most of the years from 1961-83. The minimum MPCE was Rs.47 in 1968-69 and the maximum was Rs.74 in 1972-73. MPCE averaged over the three lowest deciles (1, 2 & 3) varied between Rs.33 (1983) to Rs.42 (1972-73); the modal value being Rs.34. The minimum of the average MPCE of the upper deciles (average of 7th, 8th and 9th decile) was Rs.62 in 1968-69 and the maximum was Rs. 82 in 1972-73. The percentage decline in MPCE from 1961-83 was 5%. There was however, a decline of 8% both in case of upper and lower deciles. (Figures 1&2).

The per capita monthly expenditure on food was around 72% of the expenditure on all items, and of this 52% 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 was constant throughout the study period whereas expenditure on milk increased. (Fig. 1)

The composition of cereals consumed changed in this period. Consumption of rice and wheat declined and that of coarse grains increased. (Figure 6). Consumption of coarse grains was about 33% of the total cereals consumed.

The daily per capita consumption of cereals in the state was 582 grams in 1966-67 which declined to 524 grams in 1970-71, then increased to 545 grams in 1977-78 and was at 501 grams in 1983. The decline from 1961-83 was 14%. The consumption of cereals by the lower deciles (average of the three lowest deciles) declined from 488 grams in 1966-67 to 382 grams in 1983 and that of the upper deciles declined from 738 grams in 1961-62 to 542 grams in 1983. The percentage decline was greater in the of upper deciles.

The daily per capita consumption of pulses increased steadily from 41 grams in 1966-67 to 48 grams in 1983, an increase of 17%. The pulse consumption of the lower deciles declined from 36 grams in 1966-67 to 34 grams in 1983. The consumption of pulses by the upper deciles fell from a level of 51 grams in 1966-67 to 49 grams in 1983.

The daily consumption of milk per person was 238 mls. in 1966-67, increased to 255 mls. in 1970-71 and further increased to 289 mls. in 1983. There was an overall increase of 21% during 1966-67 to 1983. The lower deciles consumed sufficient milk of about 146 mls. in 1966-67 and 128 mls. in 1983. Compared to this the upper deciles consumed much larger quantitites of milk, almost two and a half times that of the lower deciles.

The estimated daily average energy consumption was 2,657 Kcal in 1966-67 which was reduced to 2,300 Kcal in 1983. The daily calorie intake of the lowest decile was rather poor keeping at 1,500 Kcal with little changes during the study period. The average calorie consumption of the three lowest deciles decline from 1,956 Kcal in 1966-67 to 1,644 Kcal in 1983, a decline of 16%. The change in the daily energy consumption of the average of the three upper deciles was from 3,116 Kcal in 1966-67 to 2,545 Kcal in 1983. The decline was 18% (Figure 8). About 70% of the people derived more than 75% of calories consumed from cereals.

The average daily per capita protein consumption was sufficiently high at 71 grams in 1966-67 which gradually declined to 69 grams in 1983. The average per capita protein intake of the three lowest deciles kept falling throughout the study period, from 58 grams in 1966-67 to 43 grams in 1983, a fall of 17%. The upper deciles average protien intake also declined by 20% from 94 grams to 75 grams during 1966-83 (Figures 9). The per entage of the population below the ICMR recommended daily per capita calorie intake of 2,150 increased from 20% to 50% in 1983.

The percentage of population below the ICMR recommended consumption level of 45.2 grams of protein was nil in 1966-67 and in 1983.

The percentage of persons falling short of the proper ratio (1:4, ICMR norm) of pulse protein to cereal protein and thereby having diet lacking in quality protein declined from 100 % in 1961-62 to 90% in 1983.

No one was short of milk (100 ml. a day) but everybody was short of oil (31 grams a day), ICMR norms.

Percentage of persons falling below the poverty line, consumption expenditure of Rs.40 at 1970-71 prices, increased from 29% to 30% during 1966-67 to 1983. (Figure 20)

The level of poverty in terms of consumption expenditure of Rs.40 was over 60% of that in terms of energy consumption in 1983 (Using ICMR recommended intake of 2.150 kcal).

CHAPTER 3

FOOD CONSUMPTION PROFILE OF HIMACHAL PRADESH: URBAN

Average monthly per capita expenditure on all items (MPCE) was around Rs.84 in most of the years from 1961-83. The minimum MPCE was Rs.66 in 1967-68 and the maximum was Rs.95 in 1972-73. MPCE averaged over the three lowest deciles (1, 2 & 3) varied between Rs.34 (1967-68) to Rs.46 (1969-70); the modal value being Rs.37. The minimum of the average MPCE of the upper deciles (average of 7th, 8th and 9th deciles) was Rs.82 in 1967-68 and the maximum was Rs. 111 in 1969-70. The percentage of increase in MPCE from 1961-83 was 9%. There was, however, decline both in upper and lower deciles. The decline of 8% was greater in case of the upper deciles as compared to the 4% 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 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 11, 13, 14 & 15).

The expenditure on pulses and milk constituted a sufficient proportion of total expenditure. Expenditure on pulses was constant throughout the study period whereas expenditure on milk increased (Fig. 11).

The Composition of cereals consumed was static in this period. Consumption of rice marginally declined. (Fig. 1) Proportion of coarse grains was very small in the consumption of cereals.

The daily per capita consumption of cereals in the state was 301 grams in 1966-67 which increased to 372 grams in 1970-71, then increased to 389 grams in 1983. The increase during 1961-83 was 29%. The consumption of cereals by the lower deciles (average of the three lowest deciles) increased from 258 grams in 1961-62 to 326 grams in 1983 and that of the upper deciles declined from 258 grams in 1961-62 to 317 grams in 1983. The percentage increase was greater in respect of the upper deciles.

The daily per capita consumption of pulses increased steadily from 38 grams in 1966-67 to 46 grams in 1983, an increase of 21%. The pulse consumption of the lower deciles declined from 30 grams in 1966-67 to 29 grams in 1983. The consumption of pulses by the upper deciles increased from a level of 37 grams in 1966-67 to 43 grams in 1983.

The daily consumption of milk per person was 374 mls. in 1966-67, declined to 320 mls. in 1970-71 and increased to 407 mls. in 1983. There was an overall increase of 9% during 1961-62 to 1983. The lower deciles consumed sufficient milk about 130 mls. in 1966-67 and 194 mls. in 1983. Compared to this the upper deciles consumed much larger quantitites of milk, more than double that of lower deciles.

The estimated daily average energy consumption was 1,900 Kcal in 1966-67 which increased to 2,250 Kcal in 1983. The daily calorie intake of the lowest decile was rather poor keeping at 1,500 Kcal with little change during the study period. The average calorie consumption of the three lowest deciles increased from 1,375 Kcal in 1966-67 to 1,447 Kcal in 1983, an increase of 5%. The change in the daily energy consumption of the average of the three upper deciles was from 1,944 Kcal in 1966-67 to 2,135 Kcal in 1983. The increase was 10% (Figure 18). About 10% persons derived more than 75% of their calorie intake from cereals.

The average daily per capita protein consumption was sufficiently high at 54 gms. in 1966-67, which gradually increased to 65 gms. in 1983. The average per capita protein intake of the three lowest deciles increased from 36 gms. to 41 gms. in 1983, an increase of 14%. The upper deciles' average protein intake also increased by 13% from 55 gms. to 62 gms. during 1966-83 (Figure 19). The percentage of population below the ICMR recommended daily per capita norm of average calorie intake of 2150 increased from 30% in 1961-62 to 50% in 1983.

The percentage of population below the ICMR recommended consumption level of 45.2 grams of protein remained at 20% during 1966-83.

The percentage of persons falling short of the proper ratio (1:4, ICMR norm) of pulse protein to cereal protein and having diet lacking in quality of protein thereby declined from 40% in 1961-62 to nil in 1983.

There was no one short of milk (100 mls. a day) but almost everyone was short of oil (31 grams per day), ICMR norms.

The percentage of persons falling below the poverty line consumption expenditure of Rs.40 at 1970-71 prices, increased from 17% to 23% during 1966-67 to 1983. (Figure 20)

The level of poverty in terms of consumption expenditure of Rs.40 was nearly 50% of that in terms of energy consumption in 1983 (using ICMR recommended intake of 2,150 K.cal.).

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

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

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

IV. Definition of Poverty

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

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

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

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

V. Fractile Analysis

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

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

Table A 2.1

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

Rural

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

Table A 2.2

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

Urban

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

Table A 2.3

State Wise Inter-Class Ratios
(For round 32)

Rural

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

Table A 2.4

State Wise Inter-Class Ratios
(For round 32)

Urban

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

Table A 2.5

State Wise Inter-Class Ratios
(For round 38)

Rural

Per Capita Expenditure Classes	AP	BI	GU	HA	HP	KA	KE	MP	MA	OR	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
Jowar	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: HPR 1												
HPR FOODGRAINS	21	14.29	19.79	20.58	20.90	22.96	25.03	27.19	29.16	25.86	30.92	21.67
HPR FOODGRAINS	22	13.99	16.21	18.61	20.24	21.42	23.62	26.64	26.77	28.87	31.52	21.93
HPR FOODGRAINS	23	15.87	16.23	19.43	21.27	24.32	28.08	30.72	30.50	32.25	26.51	22.82
HPR FOODGRAINS	24	15.38	17.92	20.78	22.28	24.39	26.37	26.34	28.65	27.96	36.14	22.41
HPR FOODGRAINS	25	14.22	17.77	18.97	20.64	20.80	22.44	24.03	24.39	22.19	33.77	20.68
HPR FOODGRAINS	27	14.16	18.01	20.03	21.36	21.86	23.32	25.93	27.21	28.56	23.60	23.42
HPR FOODGRAINS	28	13.43	16.55	17.81	19.10	20.08	21.79	22.63	25.43	24.61	17.89	20.56
HPR FOODGRAINS	32	14.87	16.95	18.77	19.05	20.97	21.35	21.08	20.64	23.45	24.98	20.56
HPR FOODGRAINS	38	12.34	15.05	15.86	17.00	17.37	19.15	19.01	20.73	22.44	23.41	19.22

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPR 2												
HPR CEREALS	21	13.07	18.11	18.87	18.97	20.84	22.85	24.83	26.97	23.92	28.65	19.92
HPR CEREALS	22	14.29	16.24	18.05	19.64	20.78	22.61	25.49	25.34	27.40	29.45	20.71
HPR CEREALS	23	13.73	14.59	16.92	18.52	21.54	24.87	27.21	27.61	29.19	23.13	20.31
HPR CEREALS	24	13.59	16.10	18.67	20.05	21.95	23.73	23.88	25.98	25.22	31.97	20.16
HPR CEREALS	25	12.39	15.43	16.72	18.19	18.25	19.68	21.08	21.25	18.91	28.78	17.93
HPR CEREALS	27	12.50	15.77	17.50	18.66	18.99	20.26	22.53	23.61	24.79	19.73	20.32
HPR CEREALS	28	12.13	14.94	16.08	17.33	18.22	19.77	20.29	22.80	21.67	15.08	18.39
HPR CEREALS	32	14.10	15.81	17.51	17.52	19.28	19.52	19.05	18.35	20.85	21.28	18.63
HPR CEREALS	38	11.25	13.61	14.29	15.32	15.66	17.26	17.07	18.61	19.98	19.60	17.13

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPR 3												
HPR RICE & PR	27	2.18	3.83	5.46	5.82	6.74	7.19	7.99	8.87	9.88	8.59	7.27
HPR RICE & PR	28	3.20	4.12	4.44	4.96	5.21	5.65	5.69	6.40	6.08	5.11	5.20
HPR RICE & PR	32	3.91	4.52	5.01	5.06	5.57	5.78	5.75	5.67	6.45	7.27	5.56

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPR 4												
HPR WHEAT & PR	27	2.65	4.48	5.71	6.08	6.66	7.10	7.90	8.48	8.86	8.33	7.06
HPR WHEAT & PR	28	4.36	5.21	5.60	6.44	6.77	7.35	8.33	9.36	9.49	8.55	7.41
HPR WHEAT & PR	32	4.85	5.36	5.94	5.98	6.59	6.46	6.45	6.65	7.55	8.69	6.51

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPR 5													
HPR	JAWAR & PR	27	0.20	0.10	0.01	0.01	0.02	0.03	0.03	0.03	0.09	0.18	0.06
HPR	JAWAR & PR	28	0.00	0.00	0.00	0.05	0.05	0.06	0.05	0.06	0.12	0.00	0.07
HPR	JAWAR & PR	32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.02

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPR 6													
HPR	BAJRA & PR	27	0.00	0.00	0.00	0.00	0.02	0.02	0.02	0.02	0.00	0.00	0.01
HPR	BAJRA & PR	28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HPR	BAJRA & 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: HPR 7												
HPR MAIZE & PR	27	5.87	6.45	5.90	6.29	5.26	5.61	6.24	5.99	5.80	2.81	5.55
HPR MAIZE & PR	28	3.55	4.48	4.83	4.84	5.09	5.53	5.34	6.01	5.45	2.25	4.90
HPR MAIZE & PR	32	4.19	4.87	5.40	5.43	5.98	6.06	5.50	5.03	5.71	4.30	5.37

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPR 8												
HPR 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
HPR 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
HPR 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: HPR 9													
HPR	BARLEY &PR	27	0.76	0.41	0.28	0.30	0.27	0.29	0.32	0.25	0.25	0.21	0.30
HPR	BARLEY &PR	28	0.12	0.31	0.33	0.26	0.29	0.30	0.21	0.24	0.22	0.00	0.22
HPR	BARLEY &PR	32	0.44	0.30	0.33	0.25	0.28	0.29	0.33	0.22	0.25	0.10	0.31

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPR10													
HPR	SM. MILLET	27	0.44	0.28	0.09	0.10	0.08	0.09	0.10	0.12	0.09	0.00	0.12
HPR	SM. MILLET	28	0.54	0.24	0.26	0.32	0.34	0.36	0.42	0.47	0.23	0.00	0.32
HPR	SM. MILLET	32	0.36	0.36	0.40	0.36	0.40	0.41	0.58	0.42	0.48	0.33	0.43

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPR11												
HPR GRAM	21	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.00	0.00
HPR GRAM	22	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.01	0.06	0.10	0.29
HPR GRAM	23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HPR GRAM	24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HPR GRAM	25	0.34	0.32	0.14	0.15	0.18	0.20	0.21	0.25	0.41	0.63	0.28
HPR GRAM	27	0.01	0.04	0.06	0.06	0.09	0.10	0.11	0.13	0.13	0.24	0.11
HPR GRAM	28	0.01	0.02	0.02	0.05	0.05	0.05	0.06	0.07	0.05	0.07	0.04
HPR GRAM	32	0.04	0.08	0.09	0.12	0.14	0.15	0.16	0.19	0.21	0.40	0.16
HPR GRAM	38	0.03	0.05	0.07	0.07	0.10	0.11	0.17	0.18	0.23	0.32	0.14

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPR13												
HPR 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
HPR CEREAL SUB	22	0.00	0.00	0.04	0.04	0.04	0.03	0.03	0.14	0.17	0.00	0.06
HPR CEREAL SUB	23	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07
HPR CEREAL SUB	24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HPR 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
HPR CEREAL SUB	27	0.02	0.04	0.03	0.03	0.05	0.06	0.06	0.06	0.03	0.05	0.05
HPR CEREAL SUB	28	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.05	0.12	0.00	0.03
HPR CEREAL SUB	32	0.01	0.01	0.01	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01
HPR CEREAL SUB	38	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.03	0.01	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: HPR14												
HPR PULSE & PR	21	1.33	1.84	1.88	2.09	2.29	2.36	2.57	2.44	2.16	2.54	1.92
HPR PULSE & PR	22	0.48	0.80	1.33	1.44	1.53	1.93	2.17	2.31	2.38	3.05	1.69
HPR PULSE & PR	23	1.61	1.54	2.43	2.66	2.66	3.07	3.36	2.70	2.85	3.27	2.31
HPR PULSE & PR	24	1.79	1.81	2.10	2.21	2.42	2.62	2.43	2.65	2.71	4.15	2.23
HPR PULSE & PR	25	1.48	2.03	2.12	2.30	2.37	2.56	2.74	2.88	2.86	4.36	2.47
HPR PULSE & PR	27	1.75	2.29	2.58	2.75	2.86	3.05	3.39	3.58	3.79	3.60	3.09
HPR PULSE & PR	28	1.52	1.87	2.01	2.06	2.17	2.35	2.59	2.91	3.06	2.78	2.40
HPR PULSE & PR	32	1.16	1.48	1.64	1.84	2.02	2.13	2.26	2.41	2.74	3.46	2.16
HPR PULSE & PR	38	1.31	1.67	1.78	1.90	1.91	2.11	2.08	2.27	2.56	3.53	2.23

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPR15												
HPR MILK & PR	21	3.77	5.23	6.24	8.78	9.65	10.41	11.31	12.47	12.46	13.85	8.27
HPR MILK & PR	22	2.51	4.55	7.37	8.02	8.49	8.62	9.72	9.81	12.92	15.56	8.18
HPR MILK & PR	23	4.72	4.65	6.78	7.42	8.57	9.90	10.83	10.82	11.44	16.76	8.36
HPR MILK & PR	24	4.06	4.99	5.79	6.62	7.24	7.83	8.78	9.55	12.68	22.80	8.71
HPR MILK & PR	25	2.44	5.06	6.99	7.61	8.26	8.91	9.54	11.01	11.84	18.01	8.87
HPR MILK & PR	27	4.15	5.81	6.70	7.14	8.65	9.23	10.26	11.87	13.91	14.28	10.02
HPR MILK & PR	28	4.00	5.36	5.77	6.65	6.99	7.58	8.74	9.82	10.97	10.46	8.00
HPR MILK & PR	32	3.30	4.76	5.27	6.78	7.47	8.67	9.98	11.91	13.54	18.79	9.37
HPR MILK & PR	38	3.52	4.68	6.53	7.00	8.47	9.34	10.41	11.34	13.48	18.36	10.05

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPR16												
HPR EDIBLE OIL	21	1.23	1.70	1.82	1.48	1.63	1.56	1.69	2.05	1.65	2.12	1.59
HPR EDIBLE OIL	22	1.32	1.39	1.29	1.41	1.49	1.75	1.98	2.00	1.10	1.49	1.39
HPR EDIBLE OIL	23	1.05	1.01	1.09	1.20	1.11	1.29	1.41	1.54	1.63	2.04	1.27
HPR EDIBLE OIL	24	1.13	1.30	1.51	1.54	1.68	1.82	1.94	2.12	2.42	4.82	1.96
HPR EDIBLE OIL	25	1.98	1.60	1.61	1.75	2.41	2.60	2.79	2.62	3.07	4.67	2.51
HPR EDIBLE OIL	27	1.36	2.05	2.43	2.59	2.55	2.72	3.03	3.03	3.57	4.86	2.91
HPR EDIBLE OIL	28	1.12	1.42	1.53	1.57	1.65	1.79	1.95	2.19	2.47	3.25	1.93
HPR EDIBLE OIL	32	1.29	1.68	1.86	2.00	2.20	2.25	2.48	2.71	3.08	4.33	2.43
HPR EDIBLE OIL	38	1.41	1.91	2.12	2.28	2.34	2.58	2.70	2.94	3.40	4.75	2.80

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPR17												
HPR MEAT,EGG,F	21	0.10	0.14	0.07	0.05	0.06	0.44	0.48	0.66	0.91	1.40	0.36
HPR MEAT,EGG,F	22	0.00	0.88	0.52	0.57	0.60	0.29	0.33	0.53	0.58	0.42	0.41
HPR MEAT,EGG,F	23	0.19	0.24	0.20	0.22	0.31	0.35	0.39	0.60	0.63	4.02	0.59
HPR MEAT,EGG,F	24	0.28	0.31	0.36	0.71	0.78	0.84	1.02	1.11	1.32	4.19	1.17
HPR MEAT,EGG,F	25	0.29	0.38	0.49	0.53	0.65	0.70	0.75	1.05	1.28	1.94	0.80
HPR MEAT,EGG,F	27	0.22	0.37	0.52	0.56	0.82	0.87	0.97	1.27	1.92	2.73	1.16
HPR MEAT,EGG,F	28	0.24	0.37	0.40	0.51	0.53	0.58	0.79	0.89	1.18	3.19	0.84
HPR MEAT,EGG,F	32	0.22	0.33	0.36	0.54	0.59	0.74	0.80	1.01	1.15	2.50	0.83
HPR MEAT,EGG,F	38	0.09	0.22	0.30	0.32	0.40	0.44	0.61	0.67	0.84	1.44	0.58

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPR18												
HPR VEG,FR,NUT	21	0.52	0.72	1.02	1.71	1.88	2.08	2.26	2.29	2.54	3.03	1.58
HPR VEG,FR,NUT	22	0.85	0.82	0.99	1.08	1.14	1.20	1.36	1.29	1.52	1.86	1.13
HPR VEG,FR,NUT	23	1.31	1.06	0.83	0.90	1.33	1.54	1.68	1.91	2.02	2.29	1.45
HPR VEG,FR,NUT	24	0.83	1.12	1.29	1.44	1.57	1.70	1.68	1.82	2.39	5.28	1.84
HPR VEG,FR,NUT	25	0.78	1.19	1.28	1.39	1.64	1.77	1.89	1.98	2.35	3.58	1.80
HPR VEG,FR,NUT	27	1.31	1.73	2.10	2.23	2.51	2.68	2.98	3.17	3.65	4.40	2.86
HPR VEG,FR,NUT	28	1.30	1.52	1.63	1.67	1.76	1.90	2.22	2.49	2.95	5.35	2.26
HPR VEG,FR,NUT	32	1.34	1.58	1.75	1.94	2.13	2.39	2.69	2.92	3.32	5.05	2.56
HPR VEG,FR,NUT	38	1.22	1.64	1.85	1.98	2.14	2.36	2.56	2.79	3.35	5.38	2.72

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPR21												
HPR SUGAR	21	1.01	1.40	1.84	2.13	2.34	2.43	2.64	2.97	3.38	4.41	2.13
HPR SUGAR	22	0.39	0.83	1.18	1.28	1.36	1.74	1.96	2.57	3.42	4.89	1.97
HPR SUGAR	23	1.11	1.09	1.46	1.60	2.11	2.44	2.66	2.56	2.70	6.96	2.12
HPR SUGAR	24	0.93	1.34	1.55	1.84	2.01	2.17	2.48	2.70	3.16	5.31	2.27
HPR SUGAR	25	0.94	1.52	1.89	2.06	2.28	2.46	2.63	2.84	3.41	5.19	2.51
HPR SUGAR	27	0.85	1.24	1.47	1.56	1.72	1.84	2.04	2.27	2.73	3.04	2.01
HPR SUGAR	28	0.72	1.19	1.28	1.37	1.44	1.56	1.60	1.80	2.06	2.87	1.62
HPR SUGAR	32	0.90	1.18	1.31	1.45	1.60	1.69	1.91	2.33	2.64	3.82	1.93
HPR SUGAR	38	1.13	1.48	1.63	1.74	1.82	2.01	2.05	2.23	2.59	3.85	2.17

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPR22													
HPR	SALT,SPICE	21	0.61	0.85	0.87	1.12	1.23	1.44	1.56	1.62	1.42	1.69	1.17
HPR	SALT,SPICE	22	0.84	0.86	0.87	0.95	1.00	1.05	1.19	1.08	0.89	1.10	0.87
HPR	SALT,SPICE	23	0.73	0.83	0.82	0.90	0.85	0.98	1.07	0.97	1.02	1.23	0.75
HPR	SALT,SPICE	24	0.83	0.82	0.95	0.93	1.02	1.10	1.11	1.21	1.21	1.68	0.99
HPR	SALT,SPICE	25	1.06	1.14	1.03	1.12	1.17	1.27	1.36	1.37	1.52	2.31	1.28
HPR	SALT,SPICE	27	0.92	1.13	1.15	1.22	1.22	1.30	1.45	1.52	1.72	1.73	1.41
HPR	SALT,SPICE	28	0.71	0.84	0.91	0.89	0.93	1.01	1.07	1.20	1.31	1.43	1.06
HPR	SALT,SPICE	32	0.70	0.84	0.93	0.99	1.09	1.15	1.27	1.37	1.55	2.09	1.22
HPR	SALT,SPICE	38	0.61	0.77	0.97	0.93	1.00	1.10	1.11	1.22	1.34	1.87	1.14

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPR25													
HPR	BEV,REF.	21	0.42	0.58	0.63	0.67	0.73	1.05	1.14	1.83	2.71	5.89	1.40
HPR	BEV,REF.	22	0.18	0.26	0.34	0.37	0.39	0.53	0.60	1.05	1.13	0.89	0.58
HPR	BEV,REF.	23	0.18	0.21	0.45	0.49	0.63	0.73	0.80	0.98	1.03	1.09	0.65
HPR	BEV,REF.	24	0.32	0.40	0.47	0.64	0.70	0.76	0.89	0.97	1.07	2.66	0.90
HPR	BEV,REF.	25	0.49	0.62	0.74	0.81	1.07	1.15	1.23	1.31	2.26	3.45	1.39
HPR	BEV,REF.	27	0.47	0.67	0.81	0.87	1.07	1.14	1.27	1.60	2.41	3.31	1.53
HPR	BEV,REF.	28	0.40	0.70	0.75	0.85	0.89	0.97	1.19	1.34	1.98	5.88	1.44
HPR	BEV,REF.	32	0.49	0.71	0.78	0.96	1.08	1.19	1.40	1.61	1.83	4.56	1.44
HPR	BEV,REF.	38	0.42	0.70	0.87	0.93	1.11	1.22	1.49	1.63	2.05	7.32	1.91

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPR27												
HPR TOTAL FOOD	21	22.44	31.08	33.69	37.24	40.89	44.94	48.83	53.57	51.14	63.38	38.61
HPR TOTAL FOOD	22	21.32	27.13	32.45	35.30	37.35	40.49	45.65	46.95	52.22	65.91	37.62
HPR TOTAL FOOD	23	25.68	25.86	31.67	34.66	39.99	46.17	50.50	50.84	53.74	61.20	38.72
HPR TOTAL FOOD	24	24.05	28.49	33.04	36.31	39.75	42.98	44.58	48.51	52.56	82.52	40.43
HPR TOTAL FOOD	25	22.19	29.29	33.01	35.91	38.27	41.29	44.22	46.55	47.91	72.91	39.84
HPR TOTAL FOOD	27	24.73	32.72	37.17	39.62	42.61	45.46	50.56	54.79	61.67	60.88	47.79
HPR TOTAL FOOD	28	22.80	29.15	31.37	33.98	35.73	38.76	41.82	47.00	49.49	52.74	39.31
HPR TOTAL FOOD	32	22.72	27.52	30.48	33.09	36.43	38.64	40.77	43.55	49.47	65.03	39.57
HPR TOTAL FOOD	38	20.14	25.76	29.15	31.26	33.61	37.05	38.75	42.24	48.05	65.16	39.48

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPR30												
HPR TOTAL EXP.	21	27.61	38.25	40.13	44.36	48.72	54.18	58.87	64.96	76.68	164.59	55.11
HPR TOTAL EXP.	22	26.78	34.58	39.88	43.39	45.91	50.19	56.60	60.82	72.99	94.77	49.35
HPR TOTAL EXP.	23	30.91	32.49	38.07	41.67	47.08	54.36	59.45	61.66	65.19	80.72	47.26
HPR TOTAL EXP.	24	31.11	36.21	41.99	47.32	51.81	56.01	58.82	64.00	70.49	132.07	56.43
HPR TOTAL EXP.	25	28.96	37.66	43.03	46.81	52.54	56.68	60.70	67.95	81.00	123.26	59.71
HPR TOTAL EXP.	27	32.81	43.49	49.90	53.19	59.08	63.03	70.10	80.01	96.15	161.50	73.74
HPR TOTAL EXP.	28	28.01	36.60	39.39	43.79	46.04	49.95	56.55	63.55	72.45	111.00	54.84
HPR TOTAL EXP.	32	28.45	34.98	39.75	43.03	47.37	51.43	56.86	64.47	73.25	120.04	56.74
HPR TOTAL EXP.	38	25.59	33.35	38.62	41.40	45.73	50.41	55.25	60.23	71.43	119.99	58.07

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPR31													
HPR	NON FOOD	21	5.18	7.17	6.45	7.12	7.82	9.24	10.04	11.39	25.55	101.21	16.50
HPR	NON FOOD	22	5.46	7.44	7.43	8.09	8.56	9.71	10.95	13.87	20.77	28.87	11.74
HPR	NON FOOD	23	5.23	6.63	6.40	7.01	7.09	8.19	8.95	10.82	11.44	19.52	8.54
HPR	NON FOOD	24	7.06	7.72	8.95	11.01	12.06	13.04	14.24	15.49	17.92	49.54	16.00
HPR	NON FOOD	25	6.77	8.37	10.02	10.90	14.27	15.39	16.48	21.40	33.09	50.35	19.87
HPR	NON FOOD	27	8.07	10.77	12.73	13.57	16.47	17.57	19.54	25.21	34.48	100.62	25.96
HPR	NON FOOD	28	5.20	7.45	8.02	9.81	10.32	11.19	14.73	16.55	22.96	58.26	15.53
HPR	NON FOOD	32	5.74	7.46	8.27	9.94	10.95	12.79	16.09	20.93	23.78	55.01	17.17
HPR	NON FOOD	38	5.45	7.59	9.46	10.15	12.12	13.36	16.50	17.99	23.38	54.83	18.59

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPU 1													
HPU	FOODGRAINS	21	2.36	10.75	17.40	21.07	17.91	10.94	11.98	8.97	11.01	19.56	12.15
HPU	FOODGRAINS	22	7.51	8.31	9.76	11.75	12.16	17.59	18.73	13.02	16.74	33.54	14.11
HPU	FOODGRAINS	23	13.72	15.85	20.97	20.04	14.44	15.89	17.93	13.73	16.05	25.47	15.32
HPU	FOODGRAINS	24	13.05	14.42	13.34	14.97	9.96	10.94	11.98	13.53	16.34	29.12	13.97
HPU	FOODGRAINS	25	8.01	12.45	14.92	16.44	15.89	12.07	13.34	14.95	17.82	30.35	14.81
HPU	FOODGRAINS	27	13.53	14.21	14.07	16.27	15.61	17.80	16.00	19.04	19.35	19.50	16.39
HPU	FOODGRAINS	28	14.86	14.52	15.90	17.07	17.04	21.15	15.56	17.85	18.48	21.80	16.62
HPU	FOODGRAINS	32	14.36	15.56	16.14	14.42	12.53	14.71	17.14	16.34	15.30	17.26	15.59
HPU	FOODGRAINS	38	9.44	11.45	12.55	14.27	15.76	16.13	18.30	10.62	13.43	24.61	15.62

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPU 2												
HPU CEREALS	21	1.18	9.50	15.74	19.05	15.66	9.09	9.96	7.39	9.07	16.11	10.31
HPU CEREALS	22	7.08	7.74	9.10	11.02	11.40	16.56	17.33	12.03	15.47	31.00	13.16
HPU CEREALS	23	12.46	14.35	18.96	17.67	12.37	13.61	15.36	11.60	13.56	21.52	13.27
HPU CEREALS	24	12.06	12.65	11.76	13.20	8.52	9.36	10.24	11.57	13.97	24.90	12.10
HPU CEREALS	25	6.96	10.77	12.92	14.10	13.45	10.29	11.37	12.74	15.19	25.87	12.71
HPU CEREALS	27	11.92	12.38	12.05	13.94	13.19	15.04	13.19	15.69	15.59	15.34	13.59
HPU CEREALS	28	13.14	12.70	13.91	14.94	14.69	18.23	13.21	15.15	15.60	17.75	14.20
HPU CEREALS	32	13.20	14.04	14.41	12.53	10.63	12.47	14.54	13.44	12.14	13.62	13.23
HPU CEREALS	38	8.33	10.11	11.06	12.58	13.89	14.10	16.00	8.67	10.96	20.09	13.31

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPU 3												
HPU RICE & PR	27	3.37	3.83	4.33	5.00	4.98	5.68	5.20	6.19	6.17	6.18	5.14
HPU RICE & PR	28	5.39	3.55	3.89	4.18	3.26	4.05	4.24	4.86	5.36	6.65	4.39
HPU RICE & PR	32	4.20	4.39	4.61	4.05	3.80	4.46	5.20	5.04	4.61	5.21	4.61

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPU 4												
HPU WHEAT & PR	27	6.51	6.81	6.72	7.77	7.81	8.90	7.94	9.45	9.44	9.27	7.92
HPU WHEAT & PR	28	5.75	7.83	8.58	9.21	10.38	12.89	8.73	10.01	9.69	10.94	8.97
HPU WHEAT & PR	32	7.96	8.18	8.87	7.81	6.44	7.56	8.81	8.25	7.51	8.26	8.07

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPU 5												
HPU JAWAR & PR	27	0.02	0.01	0.00	0.00	0.01	0.01	0.01	0.01	0.02	0.05	0.01
HPU JAWAR & PR	28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HPU JAWAR & 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: HPU 6													
HPU	BAJRA & PR	27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HPU	BAJRA & PR	28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HPU	BAJRA & 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: HPU 7													
HPU	MAIZE & PR	27	2.34	1.98	1.35	1.56	0.94	1.07	0.62	0.74	0.66	0.53	1.04
HPU	MAIZE & PR	28	2.26	2.11	2.31	2.48	2.29	2.84	1.39	1.60	1.72	1.58	1.89
HPU	MAIZE & PR	32	1.13	1.53	1.06	0.81	0.51	0.59	0.69	0.34	0.21	0.34	0.70

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPU 8 .												
HPU 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
HPU 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
HPU 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: HPU 9												
HPU BARLEY &PR	27	0.00	0.11	0.07	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.02
HPU 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
HPU 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: HPU10												
HPU 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
HPU 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
HPU 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: HPU11												
HPU GRAM	21	0.00	0.00	0.00	0.00	0.01	0.06	0.07	0.13	0.16	0.29	0.09
HPU GRAM	22	0.00	0.04	0.05	0.04	0.05	0.00	0.00	0.05	0.06	0.12	0.04
HPU GRAM	23	0.00	0.00	0.00	0.00	0.09	0.10	0.12	0.07	0.08	0.13	0.04
HPU GRAM	24	0.00	0.03	0.04	0.04	0.03	0.03	0.03	0.04	0.05	0.08	0.03
HPU GRAM	25	0.00	0.00	0.00	0.05	0.05	0.07	0.07	0.08	0.10	0.17	0.06
HPU GRAM	27	0.05	0.10	0.10	0.11	0.10	0.11	0.21	0.25	0.32	0.29	0.18
HPU GRAM	28	0.04	0.01	0.02	0.02	0.07	0.09	0.20	0.23	0.19	0.19	0.11
HPU GRAM	32	0.11	0.16	0.19	0.25	0.24	0.28	0.33	0.36	0.39	0.50	0.30
HPU GRAM	38	0.10	0.12	0.14	0.16	0.18	0.22	0.25	0.24	0.30	0.55	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: HPU13													
HPU	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
HPU	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
HPU	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
HPU	CEREAL SUB	24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HPU	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
HPU	CEREAL SUB	27	0.01	0.01	0.01	0.01	0.02	0.03	0.03	0.04	0.05	0.09	0.03
HPU	CEREAL SUB	28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
HPU	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
HPU	CEREAL SUB	38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.02	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: HPU14													
HPU	PULSE & PR	21	1.13	1.31	1.79	2.17	2.33	1.80	1.97	1.44	1.77	3.15	1.78
HPU	PULSE & PR	22	0.70	0.81	0.95	1.10	1.14	1.67	2.01	1.36	1.74	3.50	1.40
HPU	PULSE & PR	23	1.18	1.40	1.86	2.28	1.93	2.13	2.40	2.03	2.37	3.76	1.95
HPU	PULSE & PR	24	0.98	1.73	1.53	1.72	1.41	1.55	1.69	1.91	2.31	4.12	1.83
HPU	PULSE & PR	25	1.05	1.67	2.01	2.30	2.40	1.67	1.85	2.07	2.47	4.21	2.01
HPU	PULSE & PR	27	1.66	1.81	1.97	2.28	2.34	2.66	2.57	3.05	3.33	3.66	2.59
HPU	PULSE & PR	28	1.86	1.95	2.14	2.29	2.40	2.98	2.18	2.50	2.72	3.73	2.38
HPU	PULSE & PR	32	1.37	1.65	1.81	1.80	1.73	2.03	2.37	2.54	2.65	2.99	2.16
HPU	PULSE & PR	38	1.13	1.38	1.51	1.72	1.90	1.99	2.26	1.68	2.12	3.89	2.15

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPU15												
HPU MILK & PR	21	1.73	3.46	8.37	10.13	13.36	14.87	16.29	13.99	17.18	30.51	13.00
HPU MILK & PR	22	6.93	6.53	7.67	6.89	7.12	7.82	9.18	12.93	16.62	33.31	10.52
HPU MILK & PR	23	3.21	2.98	7.33	9.31	11.49	12.64	14.27	15.12	17.67	28.04	11.41
HPU MILK & PR	24	2.32	9.63	11.68	13.11	13.10	14.40	15.76	17.80	21.50	38.31	14.44
HPU MILK & PR	25	1.74	4.23	5.07	7.28	10.96	11.90	13.16	14.75	17.58	29.94	11.15
HPU MILK & PR	27	3.88	5.43	6.78	7.84	9.29	10.60	12.73	15.15	17.79	23.86	12.58
HPU MILK & PR	28	5.32	4.78	5.24	5.62	6.49	8.06	11.70	13.42	15.23	22.17	10.06
HPU MILK & PR	32	4.75	6.55	8.55	9.08	9.70	11.39	13.27	15.83	19.64	27.86	13.28
HPU MILK & PR	38	5.36	6.50	8.38	9.53	10.53	11.72	13.30	13.14	16.62	30.46	14.16

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPU16												
HPU EDIBLE OIL	21	2.69	3.30	2.21	2.67	3.06	4.67	5.12	3.49	4.28	7.61	3.61
HPU EDIBLE OIL	22	0.96	1.56	1.83	2.05	2.12	2.60	2.84	2.72	3.50	7.02	2.56
HPU EDIBLE OIL	23	1.72	1.89	3.55	4.44	3.67	4.04	4.55	3.86	4.52	7.17	3.58
HPU EDIBLE OIL	24	2.13	1.98	3.22	3.61	2.91	3.20	3.50	3.96	4.78	8.52	3.41
HPU EDIBLE OIL	25	1.66	2.55	3.05	3.71	4.43	3.59	3.97	4.45	5.30	9.03	3.89
HPU EDIBLE OIL	27	2.23	2.67	2.97	3.44	3.81	4.34	4.55	5.41	5.83	6.55	4.37
HPU EDIBLE OIL	28	1.40	2.07	2.27	2.44	2.82	3.50	3.35	3.84	4.48	5.70	3.16
HPU EDIBLE OIL	32	2.07	2.54	3.01	2.97	2.83	3.32	3.87	4.20	4.52	5.50	3.61
HPU EDIBLE OIL	38	1.86	2.26	2.51	2.86	3.15	3.47	3.94	3.06	3.87	7.09	3.79

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPU17													
HPU	MEAT,EGG,F	21	0.63	0.49	0.02	0.03	0.02	1.66	1.82	2.19	2.69	4.79	1.35
HPU	MEAT,EGG,F	22	0.00	0.31	0.37	0.32	0.34	0.23	0.32	1.83	2.35	4.71	1.03
HPU	MEAT,EGG,F	23	1.00	0.66	0.00	0.68	2.10	2.31	2.61	2.07	2.42	7.84	1.35
HPU	MEAT,EGG,F	24	0.00	0.83	1.33	1.49	1.92	2.10	2.30	2.60	3.14	5.60	2.00
HPU	MEAT,EGG,F	25	0.00	0.46	0.55	0.68	0.87	1.40	1.55	1.73	2.07	3.52	1.25
HPU	MEAT,EGG,F	27	0.64	1.10	1.24	1.43	1.57	1.79	1.94	2.31	2.60	5.13	2.28
HPU	MEAT,EGG,F	28	0.23	0.60	0.45	0.70	1.14	1.42	2.18	2.50	2.34	2.97	1.58
HPU	MEAT,EGG,F	32	0.37	0.39	0.63	0.67	1.02	1.20	1.40	1.51	1.75	3.35	1.33
HPU	MEAT,EGG,F	38	0.23	0.28	0.55	0.63	0.69	1.05	1.19	1.59	2.01	3.68	1.42

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPU18													
HPU	VEG,FR,NUT	21	1.93	2.40	2.64	3.19	2.94	3.92	4.29	5.36	7.20	12.79	4.50
HPU	VEG,FR,NUT	22	0.57	1.51	1.76	2.66	2.75	3.01	3.18	6.79	8.73	17.50	4.59
HPU	VEG,FR,NUT	23	0.12	0.58	1.71	2.64	3.90	4.29	4.84	4.28	5.00	7.94	3.30
HPU	VEG,FR,NUT	24	0.95	1.67	3.18	3.56	4.87	5.35	5.86	6.62	7.99	14.25	5.00
HPU	VEG,FR,NUT	25	0.72	1.42	1.70	2.47	3.33	4.06	4.49	5.03	5.99	10.21	3.83
HPU	VEG,FR,NUT	27	1.55	1.87	2.35	2.71	3.30	3.77	5.28	6.28	8.11	11.65	5.41
HPU	VEG,FR,NUT	28	1.98	1.74	1.90	2.04	2.13	2.65	3.13	3.59	4.17	6.47	2.99
HPU	VEG,FR,NUT	32	1.31	2.06	2.44	2.92	3.07	3.61	4.20	4.93	6.32	9.58	4.26
HPU	VEG,FR,NUT	38	1.69	2.05	2.96	3.37	3.72	4.22	4.78	5.03	6.36	11.67	5.22

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPU21												
HPU SUGAR	21	1.67	2.34	2.43	2.94	3.01	3.17	3.47	2.34	2.87	5.11	2.66
HPU SUGAR	22	1.38	2.04	2.40	2.50	2.58	3.51	3.75	3.07	3.94	7.90	3.14
HPU SUGAR	23	2.04	2.66	3.94	3.21	4.07	4.48	5.05	5.73	6.69	10.62	4.51
HPU SUGAR	24	1.93	2.35	3.30	3.71	2.89	3.18	3.48	3.93	4.75	8.46	3.43
HPU SUGAR	25	1.20	1.83	2.19	2.76	3.45	2.78	3.08	3.45	4.11	7.00	2.96
HPU SUGAR	27	1.24	1.58	1.72	1.99	2.07	2.36	2.48	2.95	3.41	4.07	2.52
HPU SUGAR	28	1.33	1.32	1.45	1.56	1.61	2.00	2.25	2.58	2.95	3.72	2.07
HPU SUGAR	32	1.47	0.99	1.11	2.14	2.10	2.46	2.87	3.35	3.74	2.69	2.78
HPU SUGAR	38	1.30	1.58	1.71	1.95	2.15	2.31	2.62	2.16	2.73	5.01	2.63

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPU22												
HPU SALT,SPICE	21	0.64	0.67	0.94	1.13	1.27	1.21	1.32	0.94	1.16	2.06	1.04
HPU SALT,SPICE	22	0.39	0.48	0.57	0.78	0.81	1.05	0.95	0.78	1.00	2.00	0.84
HPU SALT,SPICE	23	0.76	1.31	1.16	0.80	1.01	1.11	1.26	1.16	1.36	2.15	1.08
HPU SALT,SPICE	24	0.61	0.82	1.00	1.13	0.90	0.99	1.08	1.22	1.48	2.63	1.09
HPU SALT,SPICE	25	0.64	0.80	0.96	0.99	1.16	1.14	1.26	1.41	1.68	2.87	1.23
HPU SALT,SPICE	27	0.85	1.03	1.10	1.27	1.24	1.42	1.49	1.77	2.12	2.52	1.55
HPU SALT,SPICE	28	0.71	0.84	0.92	0.98	1.05	1.30	1.30	1.49	1.85	2.55	1.28
HPU SALT,SPICE	32	0.79	0.88	1.01	1.13	1.11	1.31	1.52	1.66	1.86	2.39	1.45
HPU SALT,SPICE	38	0.68	0.83	0.93	1.05	1.17	1.27	1.44	1.14	1.44	2.64	1.37

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPU25													
HPU	BEV,REF.	21	2.83	2.14	2.74	3.32	3.88	5.63	6.17	16.68	20.49	36.40	10.98
HPU	BEV,REF.	22	1.08	0.89	1.05	1.78	1.84	2.59	2.45	6.75	8.69	17.40	4.31
HPU	BEV,REF.	23	0.50	0.47	0.60	0.82	2.30	2.53	2.86	9.74	11.38	18.06	5.93
HPU	BEV,REF.	24	2.81	2.16	5.69	6.38	9.21	10.12	11.08	12.51	15.11	26.93	9.25
HPU	BEV,REF.	25	1.98	1.64	1.96	1.21	3.12	7.34	8.11	9.09	10.84	18.46	6.23
HPU	BEV,REF.	27	1.42	1.49	1.62	1.87	3.01	3.43	6.82	8.11	13.78	25.80	8.42
HPU	BEV,REF.	28	1.11	1.38	1.51	1.62	3.38	4.19	7.98	9.16	9.50	17.25	6.15
HPU	BEV,REF.	32	1.48	1.10	1.91	2.51	3.96	4.65	5.42	7.70	11.25	20.17	24.40
HPU	BEV,REF.	38	0.95	1.15	2.39	2.72	3.00	3.24	3.67	7.94	10.04	18.40	6.35

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LISTING OF DECILES BY COMMODITY

COMMODITY		ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPU27													
HPU	TOTAL FOOD	21	14.36	25.66	36.70	44.42	44.72	44.59	48.85	51.88	63.71	113.19	47.56
HPU	TOTAL FOOD	22	18.64	21.57	25.35	28.88	29.87	39.03	41.98	46.64	59.99	120.21	40.68
HPU	TOTAL FOOD	23	23.43	26.76	39.62	42.35	42.99	47.32	53.40	55.24	64.57	102.46	46.36
HPU	TOTAL FOOD	24	23.95	33.73	42.22	47.37	44.83	49.26	53.93	60.92	73.56	131.09	51.73
HPU	TOTAL FOOD	25	15.95	25.37	30.42	35.54	43.21	44.28	48.96	54.86	65.41	111.38	45.40
HPU	TOTAL FOOD	27	26.83	31.06	33.55	38.80	41.80	47.66	53.42	63.57	75.93	102.75	55.82
HPU	TOTAL FOOD	28	26.16	28.53	31.25	33.55	37.26	46.26	49.36	56.63	61.41	85.72	45.74
HPU	TOTAL FOOD	32	25.70	29.48	34.10	35.48	35.87	42.10	49.07	54.90	63.74	89.87	73.75
HPU	TOTAL FOOD	38	20.97	25.44	31.31	35.61	39.33	42.56	48.29	44.42	56.17	102.96	49.93

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPU30												
HPU TOTAL EXP.	21	23.64	39.47	49.61	60.06	59.90	69.99	76.67	92.84	114.02	202.57	77.95
HPU TOTAL EXP.	22	26.18	34.29	40.30	43.39	44.88	54.59	61.95	80.38	103.38	207.14	65.69
HPU TOTAL EXP.	23	31.79	36.79	48.55	55.69	63.82	70.24	79.27	91.04	106.42	168.86	71.95
HPU TOTAL EXP.	24	32.05	47.17	58.55	65.70	79.32	87.17	95.42	107.79	130.17	231.97	86.97
HPU TOTAL EXP.	25	25.52	37.69	45.18	50.26	61.80	75.79	83.81	93.90	111.96	190.64	74.69
HPU TOTAL EXP.	27	36.35	43.62	48.91	56.56	64.13	73.12	86.91	103.42	126.58	202.55	95.31
HPU TOTAL EXP.	28	35.27	36.87	40.37	43.35	49.60	61.58	74.08	84.98	97.46	136.56	66.48
HPU TOTAL EXP.	32	31.99	36.08	43.57	48.85	52.44	61.56	71.75	85.30	104.35	157.99	83.25
HPU TOTAL EXP.	38	29.22	35.45	43.53	49.50	54.67	61.93	70.27	83.97	106.18	194.65	83.89

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LISTING OF DECILES BY COMMODITY

COMMODITY	ROUND	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	AVERAGE
** STATE: HPU31												
HPU NON FOOD	21	9.28	13.81	12.91	15.63	15.17	25.40	27.82	40.96	50.31	89.37	30.39
HPU NON FOOD	22	7.54	12.72	14.95	14.51	15.01	15.56	19.97	33.74	43.39	86.94	25.01
HPU NON FOOD	23	8.36	10.04	8.93	13.33	20.83	22.92	25.87	35.80	41.85	66.41	25.59
HPU NON FOOD	24	8.10	13.43	16.33	18.33	34.49	37.91	41.50	46.87	56.61	100.87	35.25
HPU NON FOOD	25	9.56	12.32	14.77	14.71	18.59	31.51	34.85	39.04	46.55	79.27	29.28
HPU NON FOOD	27	9.53	12.57	15.36	17.76	22.33	25.46	33.49	39.85	50.65	99.80	39.49
HPU NON FOOD	28	7.11	8.33	9.12	9.80	12.34	15.32	24.72	28.35	36.05	50.84	20.74
HPU NON FOOD	32	6.29	6.61	9.46	13.36	16.58	19.46	22.68	30.40	40.61	68.11	9.49
HPU NON FOOD	38	8.25	10.01	12.21	13.89	15.34	19.37	21.97	39.56	50.02	91.69	33.96

PER CAPITA ENERGY INTAKE (CALORIES PER DAY) BY DECILES

HPR	21	1520	2105	2244	2354	2587	2801	3043	3294	3012	3610
HPR	22	1423	1722	2028	2206	2335	2573	2902	2959	3240	3672
HPR	23	1700	1722	2087	2285	2626	3032	3317	3304	3494	3472
HPR	24	1622	1916	2222	2405	2632	2845	2897	3151	3240	4598
HPR	25	1523	1936	2122	2309	2399	2588	2771	2851	2751	4186
HPR	27	1533	1994	2244	2392	2493	2660	2958	3136	3389	3073
HPR	28	1442	1809	1947	2095	2203	2390	2516	2827	2830	2386
HPR	32	1573	1844	2042	2130	2345	2426	2471	2531	2876	3349
HPR	38	1373	1706	1854	1987	2072	2285	2316	2524	2796	3220

HPU	21	569	1446	2112	2557	2383	1940	2125	1665	2043	3631
HPU	22	1010	1172	1376	1570	1624	2219	2391	2019	2595	5201
HPU	23	1552	1793	2360	2557	2171	2389	2695	2333	2727	4328
HPU	24	1492	1850	1978	2220	1711	1880	2058	2325	2807	5003
HPU	25	948	1520	1821	2108	2263	1876	2074	2324	2770	4718
HPU	27	1554	1714	1775	2053	2072	2363	2312	2750	2943	3300
HPU	28	1674	1666	1824	1959	2010	2495	2120	2432	2607	3260
HPU	32	1650	1814	1963	1903	1746	2049	2388	2451	2535	2994
HPU	38	1211	1469	1661	1890	2087	2194	2459	1730	2187	4009

PER CAPITA INTAKE (PROTEIN PER DAY) BY DECILES

HPR	21	45	63	66	70	77	85	92	99	90	107
HPR	22	43	53	62	68	72	78	88	88	98	109
HPR	23	52	52	63	69	80	92	101	101	106	100
HPR	24	49	58	67	73	79	86	87	95	97	137
HPR	25	44	57	63	69	70	76	81	84	79	121
HPR	27	46	59	67	71	75	80	88	94	102	90
HPR	28	44	55	59	63	67	72	77	86	86	71
HPR	32	47	55	61	64	70	73	74	75	86	99
HPR	38	40	49	54	58	61	67	68	74	82	93

HPU	21	11	37	61	74	68	53	58	48	59	106
HPU	22	29	32	38	44	45	61	66	59	76	152
HPU	23	44	50	69	70	59	65	74	32	72	114
HPU	24	40	54	55	62	49	54	59	67	81	143
HPU	25	25	42	50	58	61	52	58	65	77	132
HPU	27	45	49	51	59	59	67	66	79	84	98
HPU	28	50	49	53	57	59	73	62	71	75	95
HPU	32	47	54	58	54	50	59	68	70	72	92
HPU	38	34	42	48	55	60	63	72	51	64	113

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

HPR	21	85	85	83	80	80	81	81	81	78	78
HPR	22	99	93	88	88	88	87	87	85	84	79
HPR	23	80	84	80	80	81	81	81	83	83	66
HPR	24	83	83	83	82	82	82	81	81	77	69
HPR	25	80	79	78	78	75	75	75	74	68	68
HPR	27	81	78	77	77	75	75	75	74	72	63
HPR	28	83	82	82	82	82	82	80	80	76	62
HPR	32	89	85	85	81	81	80	76	72	72	63
HPR	38	81	79	76	76	75	75	73	73	71	60

HPU	21	21	65	74	74	65	46	46	44	44	44
HPU	22	69	65	65	69	69	74	72	59	59	59
HPU	23	79	79	73	68	56	56	56	49	49	49
HPU	24	80	68	59	59	49	49	49	49	49	49
HPU	25	73	70	70	66	59	54	54	54	54	54
HPU	27	76	71	67	67	63	63	56	56	52	46
HPU	28	78	75	75	75	72	72	62	62	59	54
HPU	32	79	77	73	65	60	60	60	54	47	45
HPU	38	69	68	66	66	66	64	64	50	50	50

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

HPR	21	81	81	80	76	76	76	76	76	74	75
HPR	22	93	87	81	81	81	82	82	80	78	76
HPR	23	75	78	75	75	76	76	76	77	77	65
HPR	24	78	78	78	78	78	78	77	77	73	66
HPR	25	79	75	74	74	73	73	73	71	67	67
HPR	27	76	75	74	74	71	71	71	70	68	62
HPR	28	78	77	77	77	77	77	74	74	71	60
HPR	32	84	81	81	77	77	75	72	68	68	61
HPR	39	79	77	74	74	72	72	70	70	68	59

HPU	21	29	72	73	73	65	48	48	43	43	43
HPU	22	65	67	67	71	71	76	73	57	57	57
HPU	23	60	81	77	71	58	58	58	53	53	53
HPU	24	84	66	60	60	49	49	49	49	49	49
HPU	25	77	72	73	69	62	55	55	55	55	55
HPU	27	75	71	67	67	63	63	56	56	52	44
HPU	28	74	73	73	73	70	70	60	60	56	52
HPU	32	78	74	70	65	60	60	60	54	47	42
HPU	39	68	68	65	65	65	62	62	48	48	48

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

HPR	21	18	18	18	20	19	18	18	16	16	16
HPR	22	6	9	13	13	13	15	15	16	15	18
HPR	23	21	19	25	25	22	22	22	17	17	25
HPR	24	23	20	20	20	20	20	18	18	19	23
HPR	25	21	23	22	22	23	23	23	24	27	27
HPR	27	25	26	26	26	27	27	27	27	27	32
HPR	28	22	22	22	21	21	21	23	23	25	33
HPR	32	15	17	17	19	19	19	21	23	23	29
HPR	38	21	22	22	22	22	22	22	22	23	32

HPU	21	17	24	20	20	26	35	35	35	35	35
HPU	22	16	19	19	16	18	18	21	20	20	20
HPU	23	17	17	16	23	28	28	28	31	31	31
HPU	24	14	24	23	23	29	29	29	29	29	29
HPU	25	27	28	28	29	32	29	29	29	29	29
HPU	27	25	26	29	29	31	31	35	34	38	42
HPU	28	25	27	27	27	29	29	29	29	31	37
HPU	32	18	21	22	25	29	29	29	34	39	39
HPU	38	24	24	24	24	24	25	25	34	34	34

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

HPR 21	4	4	6	6	6	6	6	6	8	8
HPR 22	1	3	4	4	4	5	5	6	7	9
HPR 23	4	4	5	5	5	5	5	5	5	13
HPR 24	4	5	5	5	5	5	6	6	7	8
HPR 25	4	5	6	6	6	6	6	7	6	8
HPR 27	4	4	4	4	5	5	5	5	5	7
HPR 28	3	4	4	4	4	4	4	4	5	8
HPR 32	4	4	4	5	5	5	5	6	6	8
HPR 38	6	6	6	6	6	6	6	6	6	8

HPU 21	20	11	8	8	9	11	11	9	9	9
HPU 22	9	12	12	11	11	11	11	10	10	10
HPU 23	9	10	10	8	13	13	13	17	17	17
HPU 24	9	9	11	11	11	11	11	11	11	11
HPU 25	9	8	8	9	10	10	10	10	10	10
HPU 27	5	6	7	7	7	7	7	7	8	8
HPU 28	5	5	5	5	5	5	7	7	8	8
HPU 32	6	4	4	8	8	6	8	9	10	6
HPU 38	7	7	7	7	7	7	7	8	8	8

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

HPR	21	5	5	5	4	4	3	3	4	3	3
HPR	22	5	5	4	4	4	4	4	4	2	2
HPR	23	3	3	3	3	2	2	2	3	3	3
HPR	24	4	4	4	4	4	4	4	4	4	6
HPR	25	7	5	4	4	6	6	6	5	6	6
HPR	27	5	6	6	6	6	6	6	5	6	9
HPR	28	4	4	4	4	4	4	4	4	5	8
HPR	32	5	5	5	5	5	5	6	6	6	7
HPR	38	6	6	6	6	6	6	7	7	7	8

HPU	21	27	13	6	6	7	14	14	12	12	12
HPU	22	5	7	7	7	7	7	7	8	8	8
HPU	23	6	6	8	10	10	10	10	9	9	9
HPU	24	8	6	9	9	10	10	10	10	10	10
HPU	25	10	9	9	10	11	11	11	11	11	11
HPU	27	8	9	9	9	10	10	11	11	11	11
HPU	28	5	7	7	7	8	8	9	9	10	10
HPU	32	7	8	9	9	9	9	9	10	10	10
HPU	38	9	9	9	9	8	9	9	10	10	10

Poverty line= 30

HPR 21	8.47	28.41	0.0644	0.0097
HPR 22	6.90	25.54	0.0626	0.0139
HPR 23	0.00	0.00	0.0000	0.0000
HPR 24	2.52	27.16	0.0646	0.0039
HPR 25	5.40	25.94	0.0665	0.0104
HPR 27	2.97	26.63	0.0893	0.0057
HPR 28	6.45	25.43	0.1180	0.0163
HPR 32	8.58	27.71	0.0439	0.0100
HPR 36	11.57	26.42	0.0793	0.0219
HPU 21	13.46	25.48	0.0825	0.0297
HPU 22	5.91	22.86	0.0810	0.0177
HPU 23	0.00	0.00	0.0000	0.0000
HPU 24	3.96	26.45	0.0460	0.0063
HPU 25	8.59	24.69	0.1023	0.0224
HPU 27	2.24	29.00	0.0448	0.0017
HPU 28	9.45	29.32	0.0684	0.0085
HPU 32	3.06	28.83	0.0378	0.0023
HPU 38	3.72	26.51	0.0394	0.0056

Poverty line= 40

HPR 21	28.79	35.06	0.0746	0.0544
HPR 22	30.36	33.71	0.0949	0.0720
HPR 23	29.19	33.69	0.0549	0.0596
HPR 24	24.29	34.88	0.0640	0.0447
HPR 25	22.26	34.37	0.0987	0.0502
HPR 27	11.87	33.91	0.0822	0.0264
HPR 28	23.78	33.96	0.1026	0.0567
HPR 32	26.83	33.78	0.0831	0.0606
HPR 38	29.74	32.52	0.1013	0.0801
HPU 21	16.72	29.49	0.1367	0.0608
HPU 22	32.70	34.18	0.1111	0.0786
HPU 23	20.30	34.72	0.0580	0.0370
HPU 24	15.44	33.78	0.0823	0.0347
HPU 25	21.26	32.07	0.1242	0.0633
HPU 27	9.25	36.81	0.1015	0.0160
HPU 28	18.21	35.49	0.1529	0.0452
HPU 32	29.66	34.92	0.0181	0.0423
HPU 38	22.53	33.10	0.0714	0.0522

Poverty line= 50

HPR 21	49.75	40.09	0.1032	0.1397
HPR 22	60.57	40.14	0.1086	0.1722
HPR 23	52.01	38.51	0.0944	0.1573
HPR 24	46.62	41.07	0.1054	0.1236
HPR 25	42.60	40.48	0.1156	0.1210
HPR 27	25.80	40.27	0.1072	0.0725
HPR 28	53.17	40.30	0.1118	0.1511
HPR 32	50.78	38.69	0.0997	0.1540
HPR 38	54.33	38.10	0.1169	0.1777
HPU 21	30.66	37.36	0.1571	0.1135
HPU 22	61.15	39.48	0.1011	0.1775
HPU 23	27.19	37.81	0.0976	0.0864
HPU 24	17.56	37.98	0.1263	0.0590
HPU 25	32.40	37.13	0.1377	0.1165
HPU 27	30.15	42.60	0.0718	0.0631
HPU 28	58.34	41.31	0.0689	0.1346
HPU 32	33.25	38.42	0.0894	0.0998
HPU 38	38.78	39.37	0.1209	0.1193

Per Capita Total Expenditure by Deciles

													Gini's Coeff.
HPR	21	27.61	38.25	40.13	44.36	48.72	54.18	59.87	64.96	76.68	164.59	55.11	0.2709
	22	26.78	34.58	39.88	43.39	45.91	50.19	56.60	60.82	72.99	94.77	49.35	0.1958
	23	30.91	32.49	38.07	41.67	47.08	54.36	59.45	61.66	65.19	80.72	47.26	0.1673
	24	31.11	36.21	41.99	47.32	51.81	56.01	58.82	64.00	70.49	132.07	56.43	0.2209
	25	28.96	37.66	43.03	46.81	52.54	58.68	60.70	67.95	81.00	123.26	59.71	0.2209
	27	32.81	43.49	49.90	53.19	59.08	63.03	70.10	80.01	96.15	161.50	73.74	0.2442
	28	28.01	36.60	39.39	43.79	46.04	49.95	56.55	63.55	72.45	111.00	54.84	0.2121
	32	28.45	34.98	38.75	43.03	47.37	51.43	56.86	64.47	73.25	120.04	56.74	0.2267
	38	25.59	33.35	38.62	41.40	45.73	50.41	55.25	60.23	71.43	119.99	58.07	0.2544
HPU	21	23.64	39.47	49.61	60.06	59.90	69.99	76.67	92.84	114.02	202.57	77.95	0.3053
	22	26.18	34.29	40.30	43.39	44.88	54.59	61.95	80.38	103.38	207.14	65.69	0.3414
	23	31.79	36.79	48.55	55.69	63.82	73.24	79.27	91.04	106.42	169.86	71.95	0.2572
	24	32.05	47.17	58.55	65.70	79.32	87.17	95.42	107.79	130.17	231.97	86.97	0.2912
	25	25.52	37.69	45.18	50.26	61.80	75.75	83.81	93.90	111.55	190.64	74.69	0.3045
	27	36.35	43.62	48.91	56.56	64.13	73.12	86.91	103.42	128.58	202.55	95.31	0.2908
	28	35.27	36.87	40.37	43.35	49.60	61.58	74.09	84.98	97.46	136.56	66.48	0.2519
	32	31.99	36.06	43.57	48.85	52.44	61.56	71.75	85.30	104.35	157.99	83.25	0.2736
	38	29.22	35.45	43.53	49.50	54.67	61.93	70.27	83.97	106.18	194.65	83.89	0.3093

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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
** HPR 1			
FOODGRAINS	21	18.22	27.40
FOODGRAINS	22	16.27	27.43
FOODGRAINS	23	17.18	31.16
FOODGRAINS	24	18.03	27.65
FOODGRAINS	25	16.99	23.54
FOODGRAINS	27	17.40	27.23
FOODGRAINS	28	15.93	24.22
FOODGRAINS	32	16.86	21.72
FOODGRAINS	38	14.42	20.73
** HPR 2			
CEREALS	21	16.68	25.24
CEREALS	22	16.19	26.08
CEREALS	23	15.08	28.00
CEREALS	24	16.12	25.03
CEREALS	25	14.85	20.41
CEREALS	27	15.26	23.64
CEREALS	28	14.38	21.59
CEREALS	32	15.81	19.42
CEREALS	38	13.05	18.55
** HPR 3			
RICE & PR	27	3.82	8.91
RICE & PR	28	3.92	6.06
RICE & PR	32	4.48	5.96
** HPR 4			
WHEAT & PR	27	4.28	8.41
WHEAT & PR	28	5.06	9.06
WHEAT & PR	32	5.38	6.89
** HPR 5			
JAWAR & PR	27	0.10	0.05
JAWAR & PR	28	0.00	0.08
JAWAR & PR	32	0.00	0.00
** HPR 6			
BAJRA & PR	27	0.00	0.01
BAJRA & PR	28	0.00	0.00
BAJRA & PR	32	0.00	0.00
** HPR 7			
MAIZE & PR	27	6.07	6.01
MAIZE & PR	28	4.29	5.60
MAIZE & PR	32	4.82	5.41
** HPR 8			
RAGI & PR	27	0.00	0.00
RAGI & PR	28	0.00	0.00
RAGI & 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
** HPR 9			
BARLEY &PR	27	0.48	0.27
BARLEY &PR	28	0.25	0.22
BARLEY &PR	32	0.36	0.27
** HPR10			
SM. MILLET	27	0.27	0.10
SM. MILLET	28	0.35	0.37
SM. MILLET	32	0.37	0.49
** HPR11			
GRAM	21	0.00	0.01
GRAM	22	0.00	0.03
GRAM	23	0.00	0.00
GRAM	24	0.00	0.00
GRAM	25	0.27	0.29
GRAM	27	0.04	0.12
GRAM	28	0.02	0.06
GRAM	32	0.07	0.19
GRAM	38	0.05	0.19
** HPR13			
CEREAL SUB	21	0.00	0.00
CEREAL SUB	22	0.01	0.11
CEREAL SUB	23	0.15	0.00
CEREAL SUB	24	0.00	0.00
CEREAL SUB	25	0.00	0.00
CEREAL SUB	27	0.03	0.05
CEREAL SUB	28	0.00	0.07
CEREAL SUB	32	0.01	0.01
CEREAL SUB	38	0.00	0.02
** HPR14			
PULSE & PR	21	1.69	2.39
PULSE & PR	22	0.87	2.29
PULSE & PR	23	1.86	2.97
PULSE & PR	24	1.90	2.60
PULSE & PR	25	1.88	2.83
PULSE & PR	27	2.21	3.59
PULSE & PR	28	1.80	2.86
PULSE & PR	32	1.43	2.47
PULSE & PR	38	1.59	2.30
** HPR15			
MILK & PR	21	5.08	12.08
MILK & PR	22	4.81	10.82
MILK & PR	23	5.38	11.03
MILK & PR	24	4.95	10.40
MILK & PR	25	4.83	10.80
MILK & PR	27	5.55	12.01
MILK & PR	28	5.04	9.84
MILK & PR	32	4.44	11.81

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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
MILK & PR	38	4.91	11.74
** HPR27			
TOTAL FOOD	21	29.07	51.18
TOTAL FOOD	22	26.97	48.27
TOTAL FOOD	23	27.74	51.69
TOTAL FOOD	24	28.53	48.55
TOTAL FOOD	25	28.16	46.23
TOTAL FOOD	27	31.54	55.67
TOTAL FOOD	28	27.77	46.10
TOTAL FOOD	32	26.91	44.60
TOTAL FOOD	38	25.02	43.01
** HPR30			
TOTAL EXP.	21	35.33	66.84
TOTAL EXP.	22	33.75	63.47
TOTAL EXP.	23	33.82	62.10
TOTAL EXP.	24	36.44	64.44
TOTAL EXP.	25	36.55	69.88
TOTAL EXP.	27	42.07	82.09
TOTAL EXP.	28	34.67	64.18
TOTAL EXP.	32	34.06	64.86
TOTAL EXP.	38	32.52	62.30
** HPU 1			
FOODGRAINS	21	10.17	10.65
FOODGRAINS	22	8.53	16.16
FOODGRAINS	23	16.85	15.90
FOODGRAINS	24	13.60	13.95
FOODGRAINS	25	11.79	15.37
FOODGRAINS	27	13.94	18.13
FOODGRAINS	28	15.09	17.30
FOODGRAINS	32	15.35	16.26
FOODGRAINS	38	11.15	14.12
** HPU 2			
CEREALS	21	8.81	8.81
CEREALS	22	7.97	14.94
CEREALS	23	15.26	13.51
CEREALS	24	12.16	11.93
CEREALS	25	10.22	13.10
CEREALS	27	12.12	14.82
CEREALS	28	13.25	14.65
CEREALS	32	13.88	13.37
CEREALS	38	9.83	11.69
** HPU 3			
RICE & PR	27	3.84	5.85
RICE & PR	28	4.28	4.83
RICE & PR	32	4.40	4.95

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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
** HPU 4			
WHEAT & PR	27	6.68	8.94
WHEAT & PR	28	7.39	9.48
WHEAT & PR	32	8.34	8.19
** HPU 5			
JAWAR & PR	27	0.01	0.01
JAWAR & PR	28	0.00	0.00
JAWAR & PR	32	0.00	0.00
** HPU 6			
BAJRA & PR	27	0.00	0.00
BAJRA & PR	28	0.00	0.00
BAJRA & PR	32	0.00	0.00
** HPU 7			
MAIZE & PR	27	1.89	0.67
MAIZE & PR	28	2.23	1.57
MAIZE & PR	32	1.24	0.41
** HPU 8			
RAGI & PR	27	0.00	0.00
RAGI & PR	28	0.00	0.00
RAGI & PR	32	0.00	0.00
** HPU 9			
BARLEY &PR	27	0.06	0.00
BARLEY &PR	28	0.00	0.00
BARLEY &PR	32	0.00	0.00
** HPU10			
SM. MILLET	27	0.00	0.00
SM. MILLET	28	0.00	0.00
SM. MILLET	32	0.00	0.00
** HPU11			
GRAM	21	0.00	0.12
GRAM	22	0.03	0.04
GRAM	23	0.00	0.09
GRAM	24	0.02	0.04
GRAM	25	0.00	0.08
GRAM	27	0.08	0.26
GRAM	28	0.02	0.21
GRAM	32	0.15	0.36
GRAM	38	0.12	0.26
** HPU13			
CEREAL SUB	21	0.00	0.00
CEREAL SUB	22	0.00	0.00
CEREAL SUB	23	0.00	0.00
CEREAL SUB	24	0.00	0.00
CEREAL SUB	25	0.00	0.05

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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
CEREAL SUB	27	0.01	0.04
CEREAL SUB	28	0.00	0.00
CEREAL SUB	32	0.00	0.00
CEREAL SUB	38	0.00	0.01
** HPU14			
PULSE & PR	21	1.41	1.73
PULSE & PR	22	0.82	1.70
PULSE & PR	23	1.49	2.27
PULSE & PR	24	1.41	1.97
PULSE & PR	25	1.58	2.13
PULSE & PR	27	1.81	2.98
PULSE & PR	28	1.98	2.47
PULSE & PR	32	1.61	2.52
PULSE & PR	38	1.34	2.02
** HPU15			
MILK & PR	21	4.52	15.82
MILK & PR	22	7.04	12.91
MILK & PR	23	4.51	15.69
MILK & PR	24	7.88	18.35
MILK & PR	25	3.68	15.16
MILK & PR	27	5.36	15.22
MILK & PR	28	5.11	13.45
MILK & PR	32	6.62	16.25
MILK & PR	38	6.75	14.35
** HPU27			
TOTAL FOOD	21	25.57	54.81
TOTAL FOOD	22	21.85	49.54
TOTAL FOOD	23	29.94	57.74
TOTAL FOOD	24	33.30	62.80
TOTAL FOOD	25	23.91	56.41
TOTAL FOOD	27	30.48	64.31
TOTAL FOOD	28	29.31	55.80
TOTAL FOOD	32	29.76	55.90
TOTAL FOOD	38	25.91	49.63
** HPU30			
TOTAL EXP.	21	37.57	94.51
TOTAL EXP.	22	33.59	81.90
TOTAL EXP.	23	39.04	92.24
TOTAL EXP.	24	45.92	111.13
TOTAL EXP.	25	36.13	96.56
TOTAL EXP.	27	42.96	105.64
TOTAL EXP.	28	37.50	85.51
TOTAL EXP.	32	37.21	87.13
TOTAL EXP.	38	36.07	86.81

PER CAPITA ENERGY INTAKE (CALORIES PER DAY) BY DECILES

HPR 21	1956	3116
HPR 22	1724	3034
HPR 23	1836	3372
HPR 24	1920	3096
HPR 25	1860	2791
HPR 27	1924	3161
HPR 28	1733	2724
HPR 32	1820	2626
HPR 38	1644	2545

HPU 21	1375	1944
HPU 22	1186	2335
HPU 23	1968	2585
HPU 24	1773	2397
HPU 25	1430	2389
HPU 27	1681	2668
HPU 28	1721	2366
HPU 32	1809	2458
HPU 38	1447	2135

PER CAPITA ENERGY INTAKE (PROTEIN PER DAY) BY DECILES

HPR 21	58	94
HPR 22	53	91
HPR 23	56	103
HPR 24	58	93
HPR 25	55	81
HPR 27	57	95
HPR 28	53	83
HPR 32	54	78
HPR 38	48	75

HPU 21	36	55
HPU 22	33	67
HPU 23	54	69
HPU 24	50	69
HPU 25	39	67
HPU 27	48	76
HPU 28	51	69
HPU 32	53	70
HPU 38	41	62

TRENDS IN CONSUMER EXPENDITURES

(PER CAPITA DEFLATED EXP.: 1967 – 83)

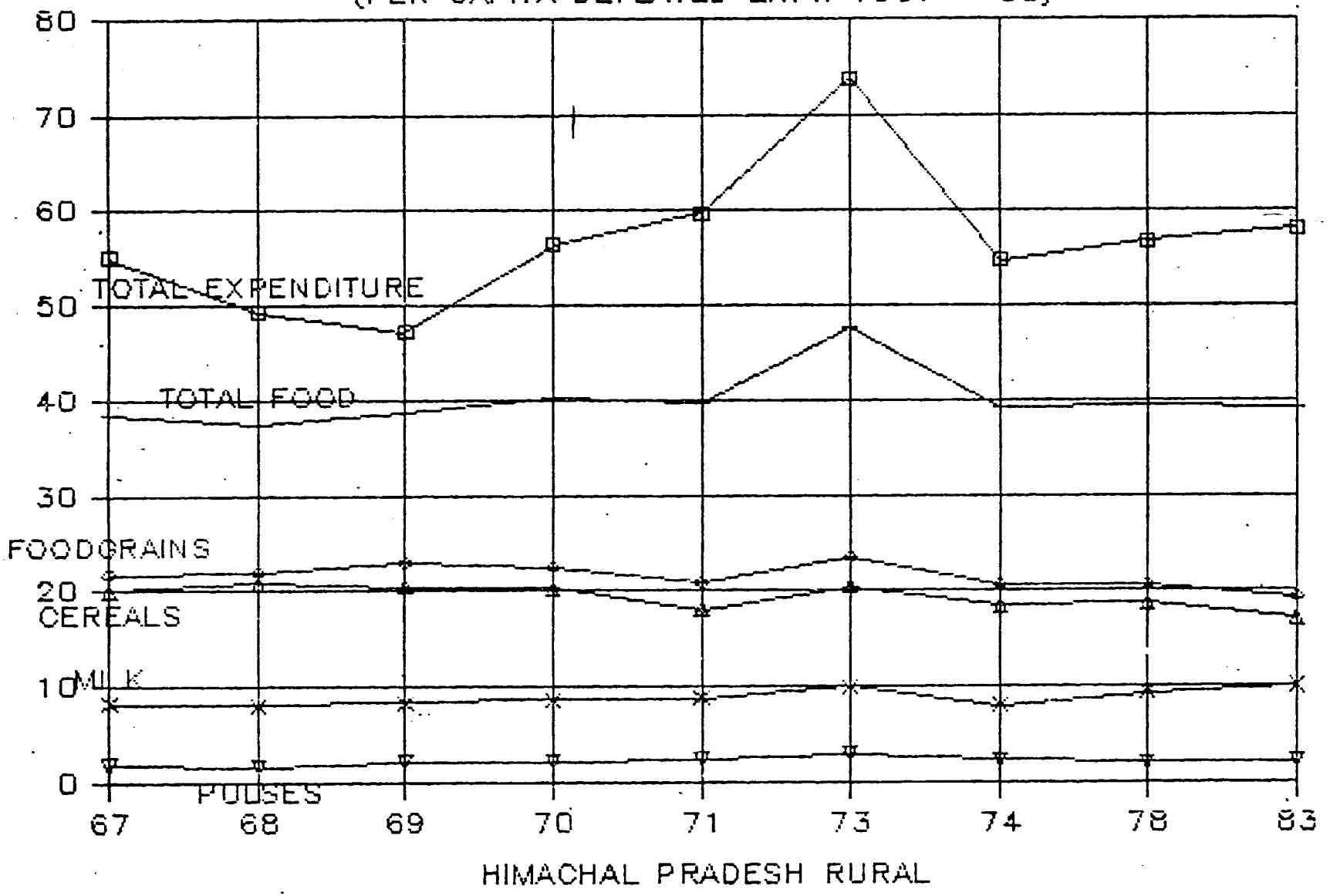


FIG.1

FIG.2

PER CAPITA EXPENDITURES: 1967–83

BY DECILE GROUPS

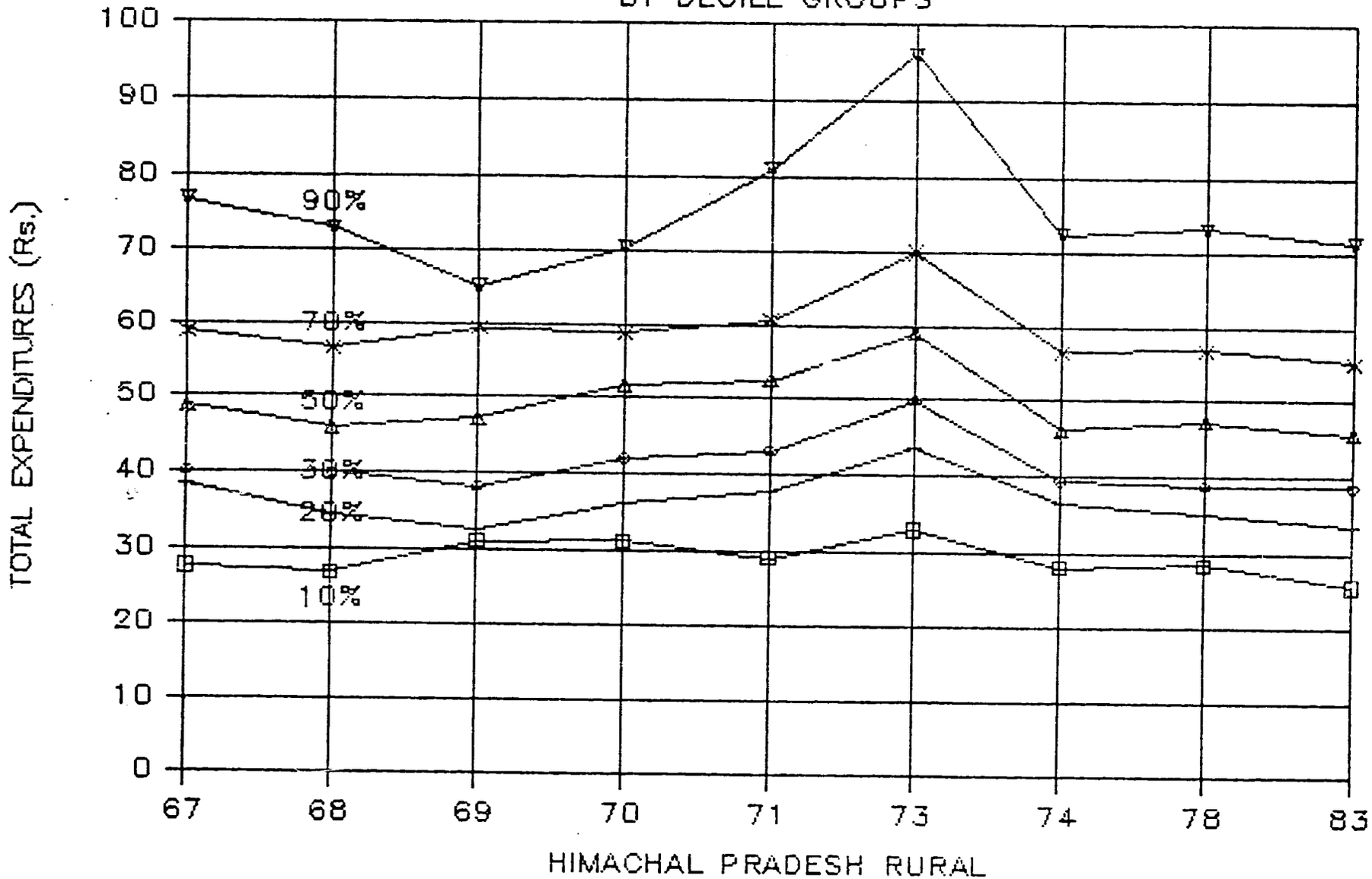


FIG.3

PER CAPITA EXPENDITURES: 1967–83

BY DECILE GROUPS

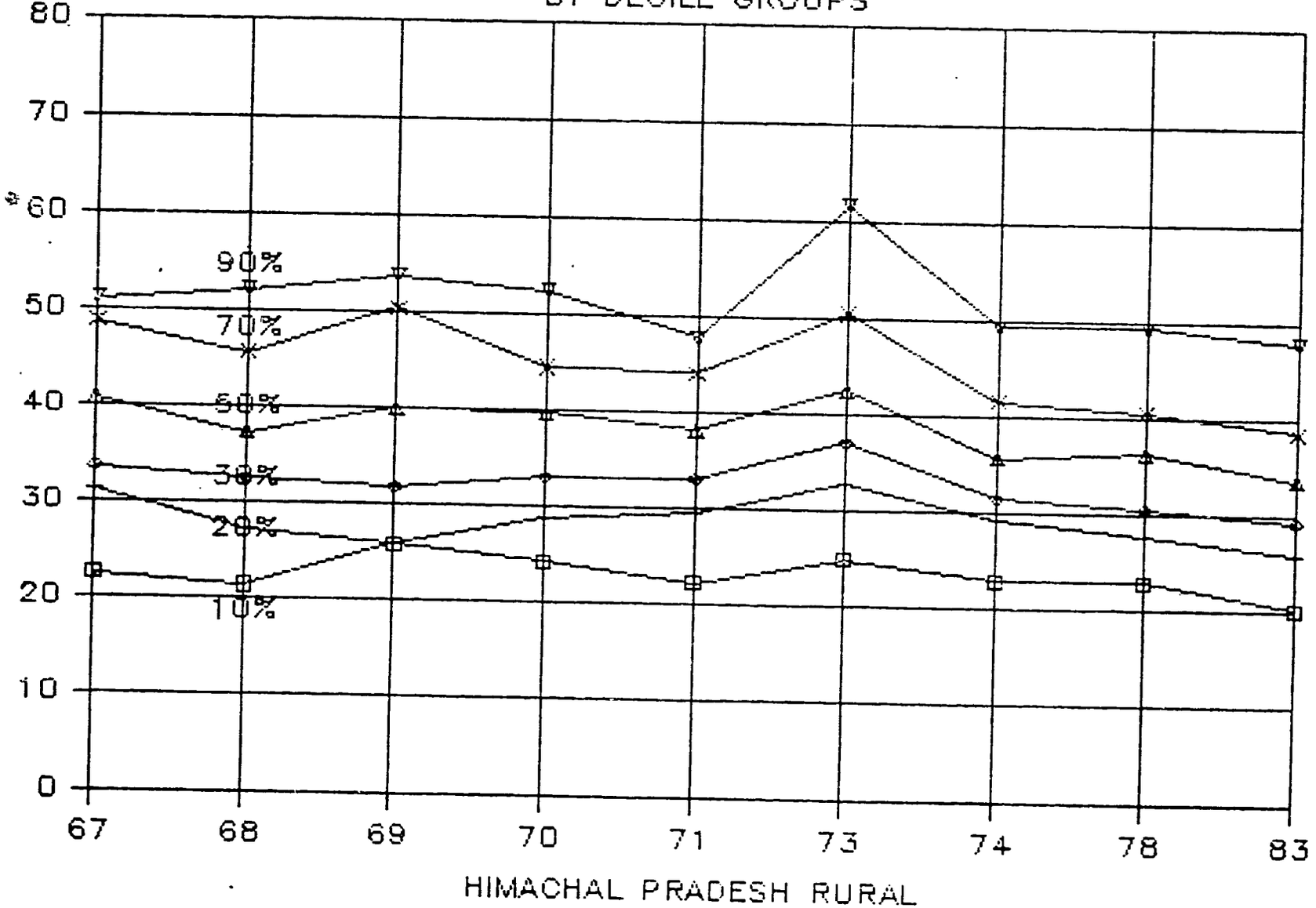


FIG.4

PER CAPITA EXPENDITURES: 1967–83

BY DECILE GROUPS

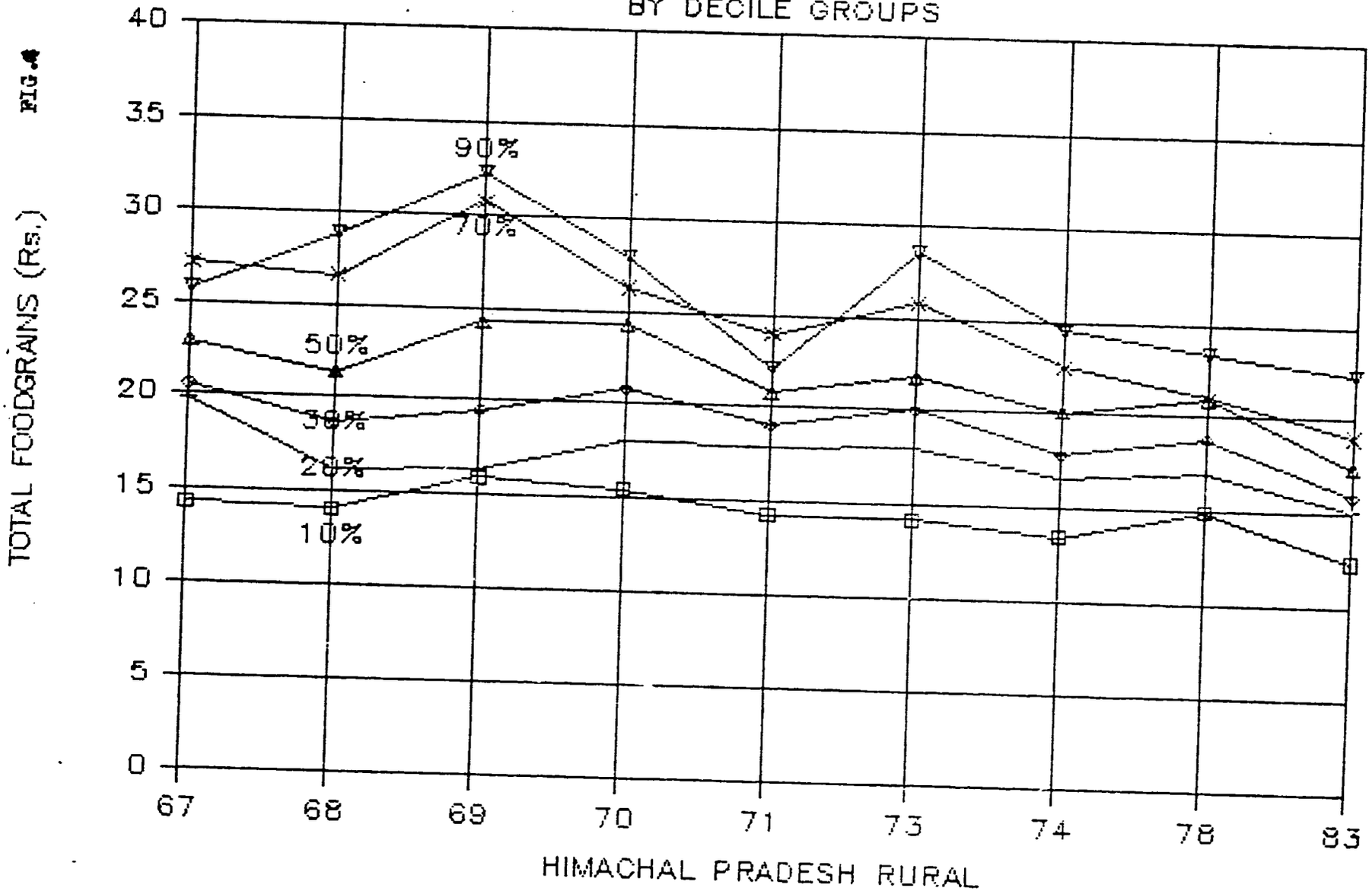


FIG.5
RATIO

PER CAPITA EXPENDITURES: 1967–83

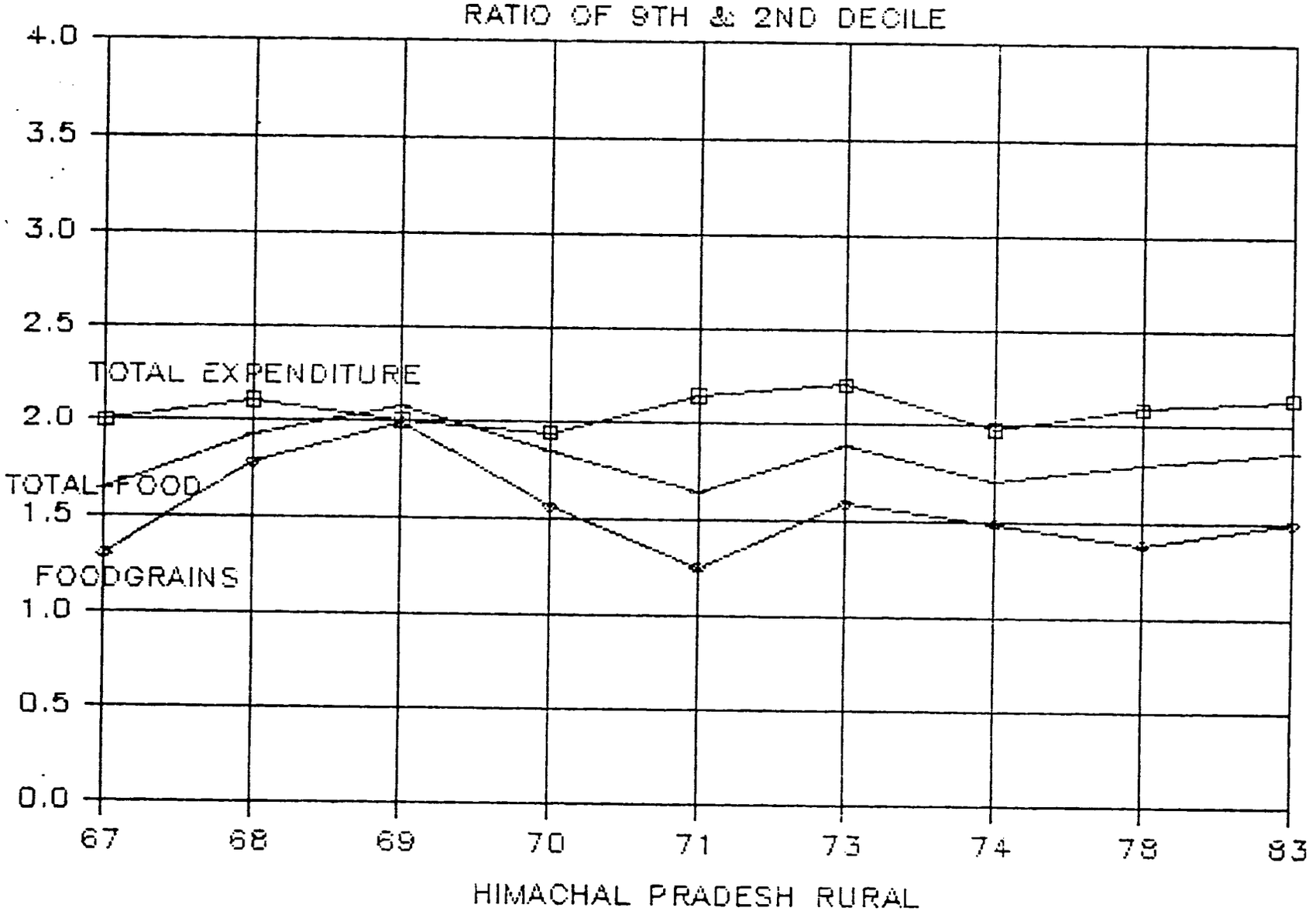


FIG.6

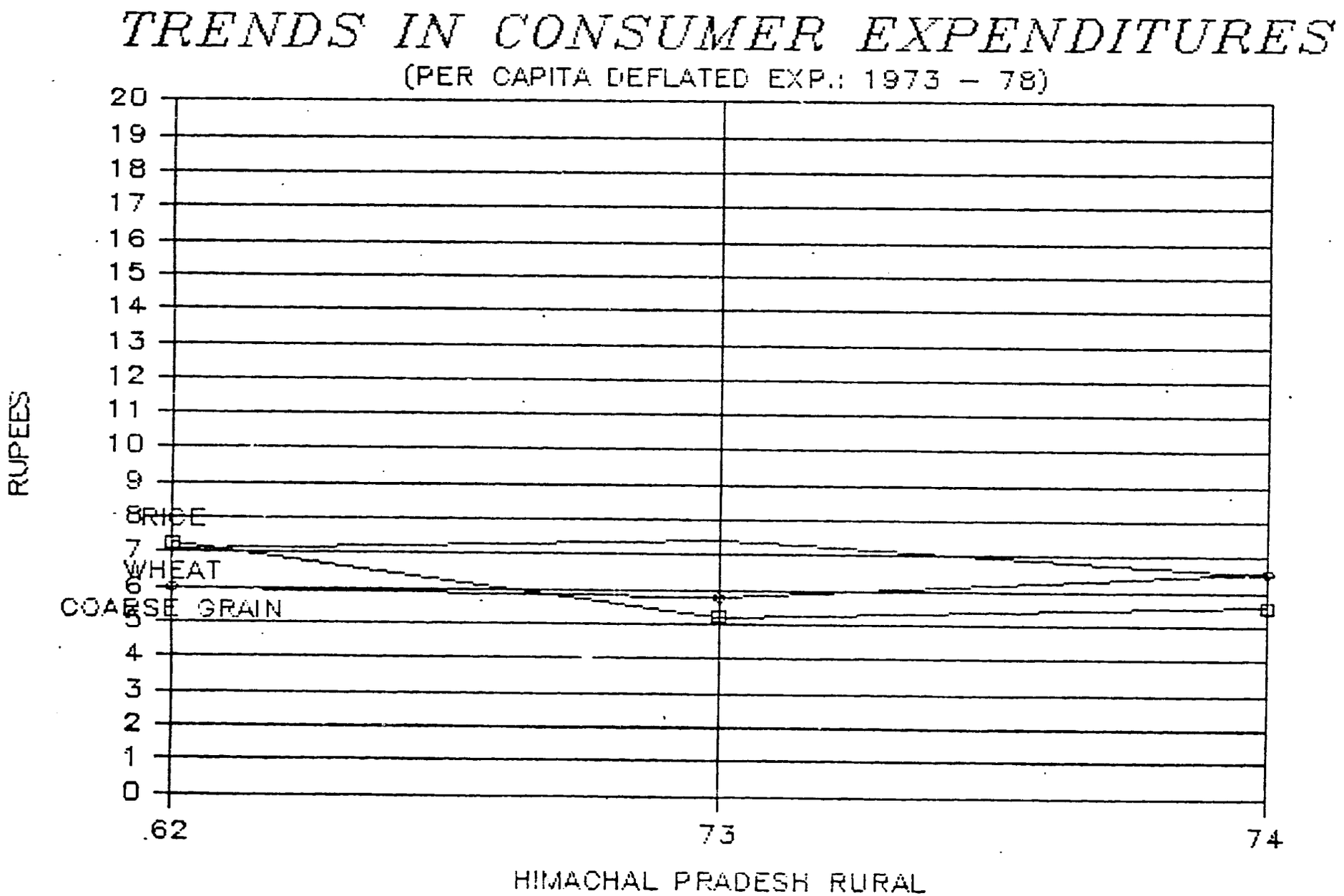
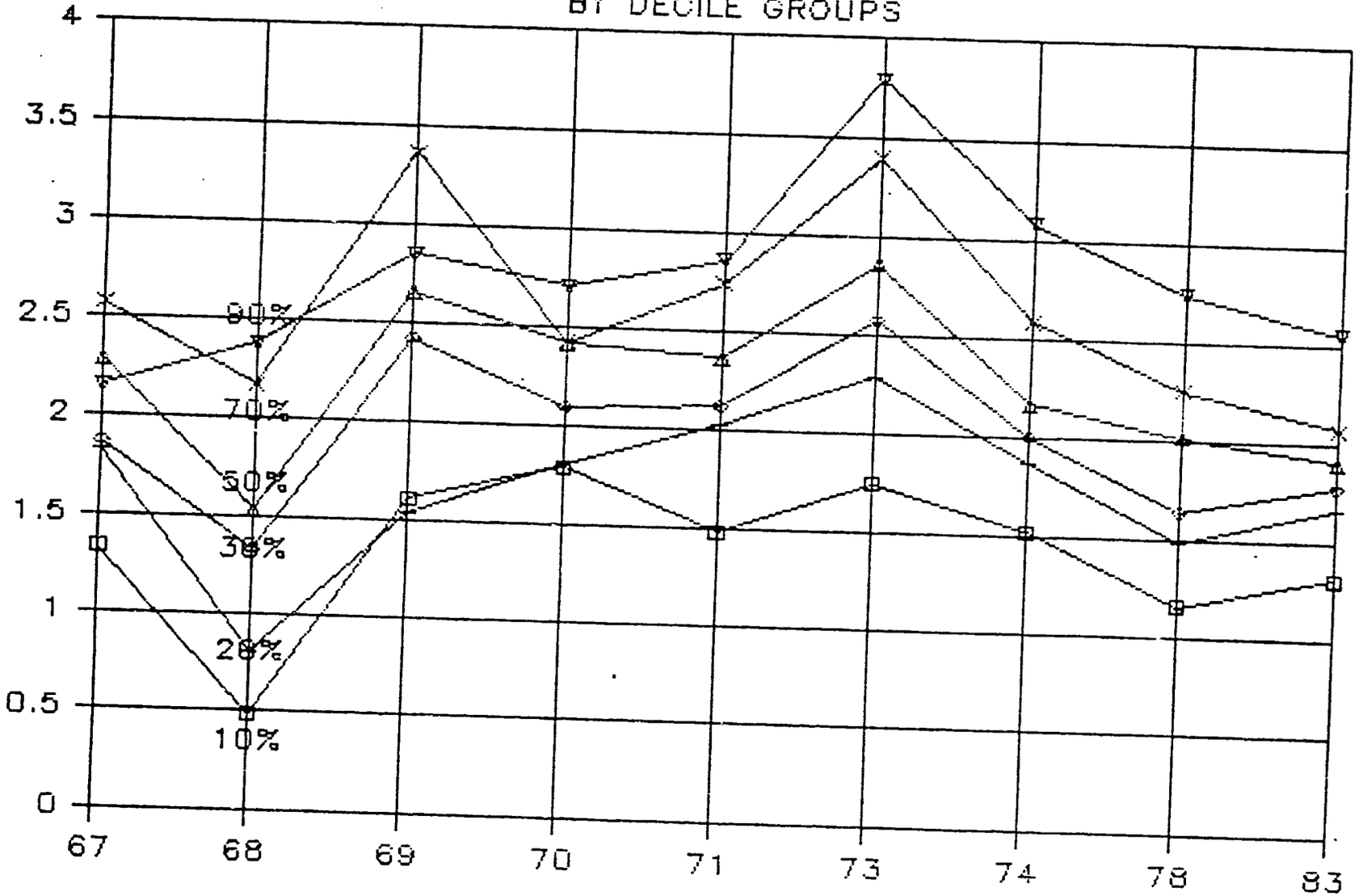

TRENDS IN CONSUMER EXPENDITURES
(PER CAPITA DEFLATED EXP.: 1973 – 78)
RUPEES
20
19
18
17
16
15
14
13
12
11
10
9
8
7
6
5
4
3
2
1
0
RICE
WHEAT
COARSE GRAIN
62
73
74
HIMACHAL PRADESH RURAL

FIG.7

PER CAPITA EXPENDITURES: 1967–83

BY DECILE GROUPS



HIMACHAL PRADESH RURAL

□ 10% + 20% ◇ 30% △ 50% × 70% ▽ 90%

FIG.8

PER CAPITA ENERGY INTAKE: 1967–83

BY DECILE GROUPS

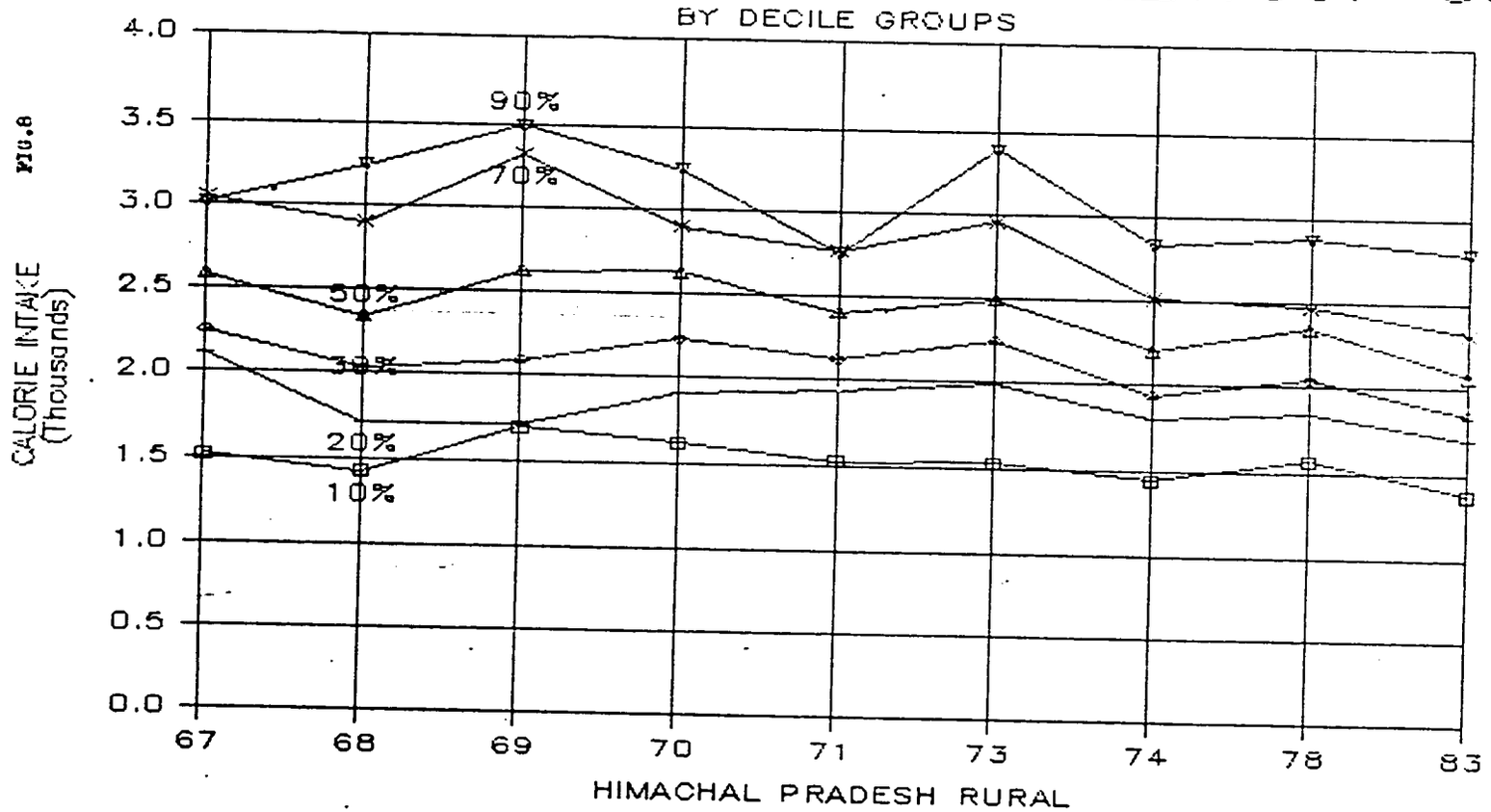


FIG.9

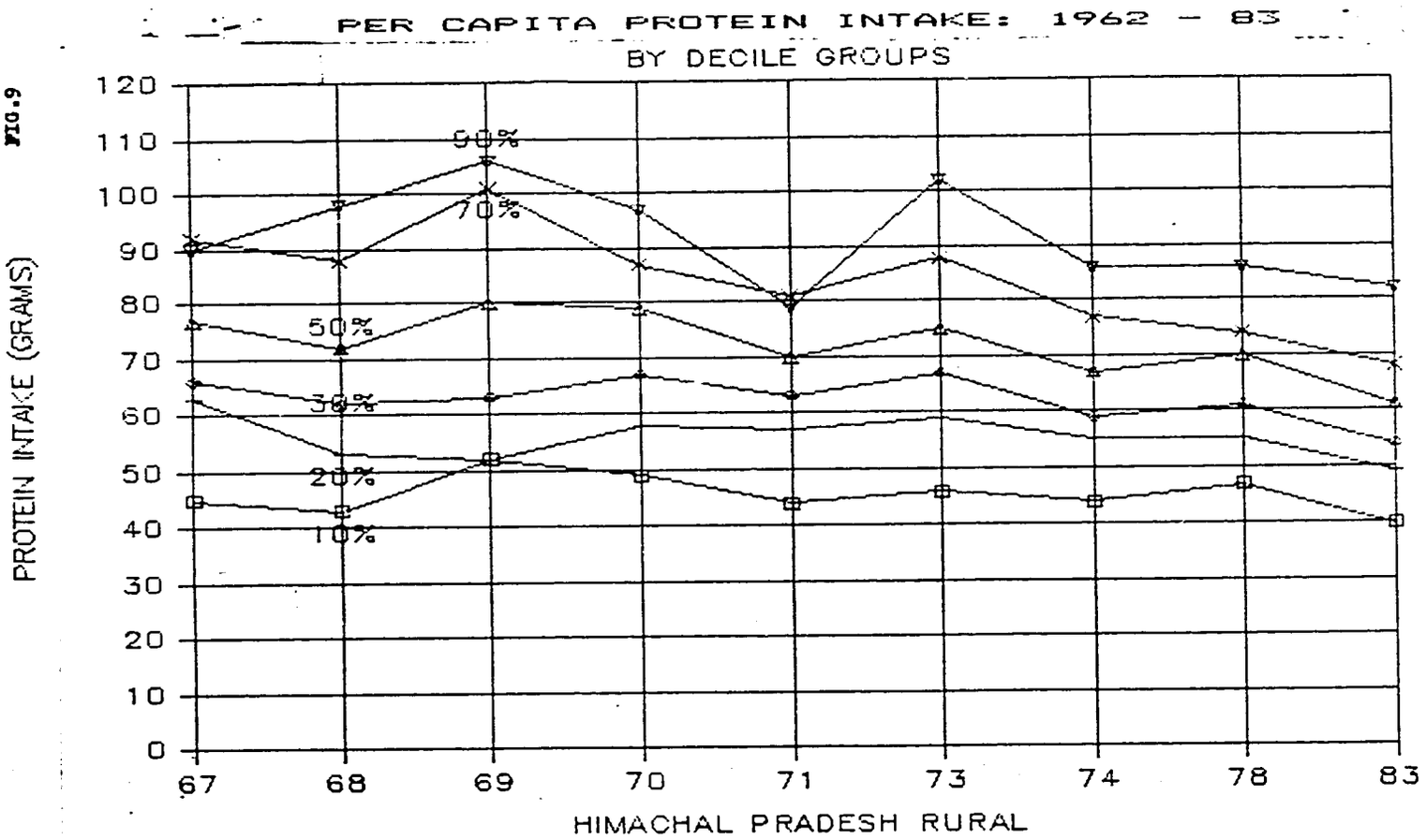

PER CAPITA PROTEIN INTAKE: 1962 - 83
BY DECILE GROUPS
PROTEIN INTAKE (GRAMS)
120
110
100
90
80
70
60
50
40
30
20
10
0
90%
70%
50%
30%
20%
10%
67
68
69
70
71
73
74
78
83
HIMACHAL PRADESH RURAL

FIG.10

TRENDS IN CONSUMER EXPENDITURES

(PERSONS BELOW POVERTY LINE: 1967 – 83)

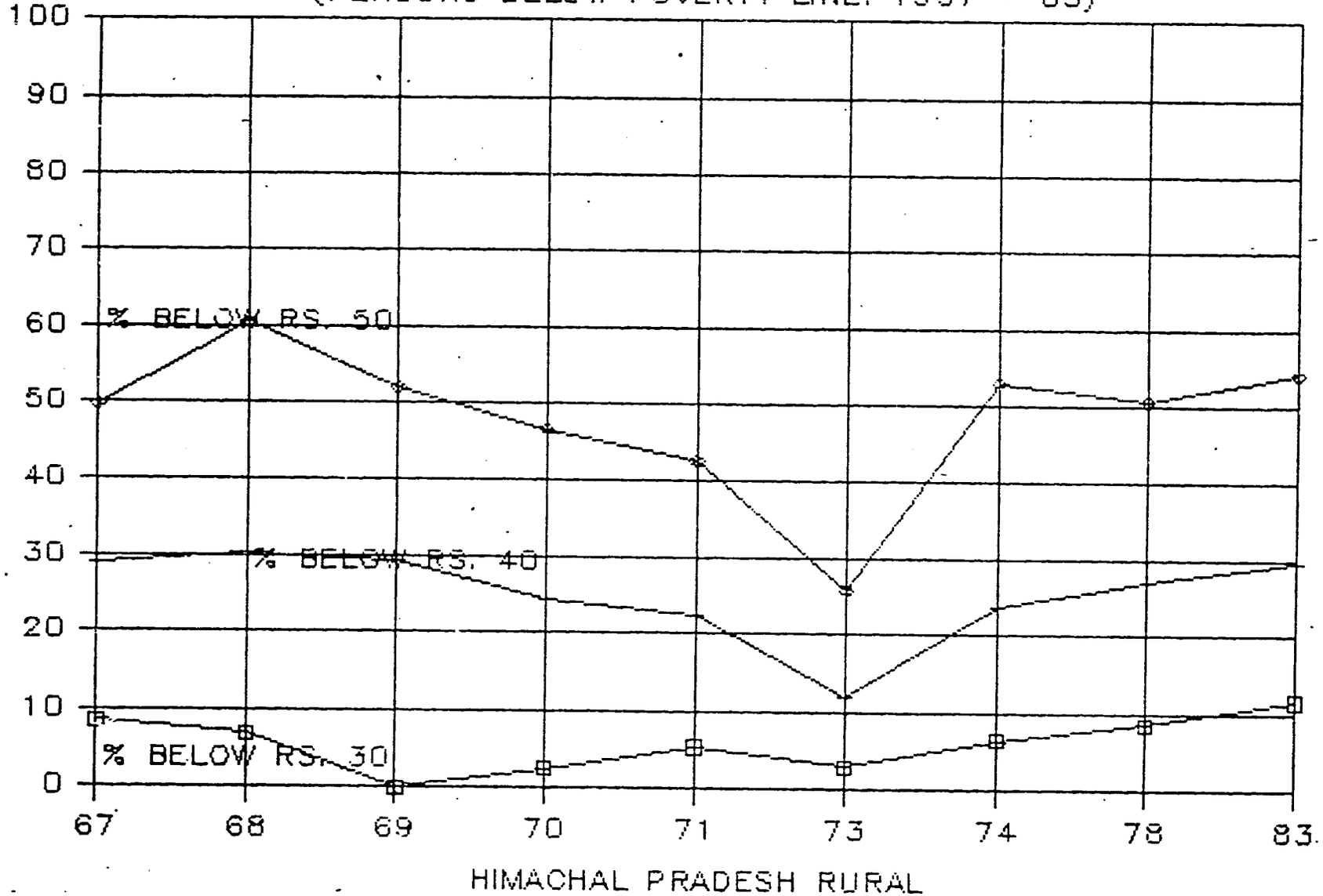
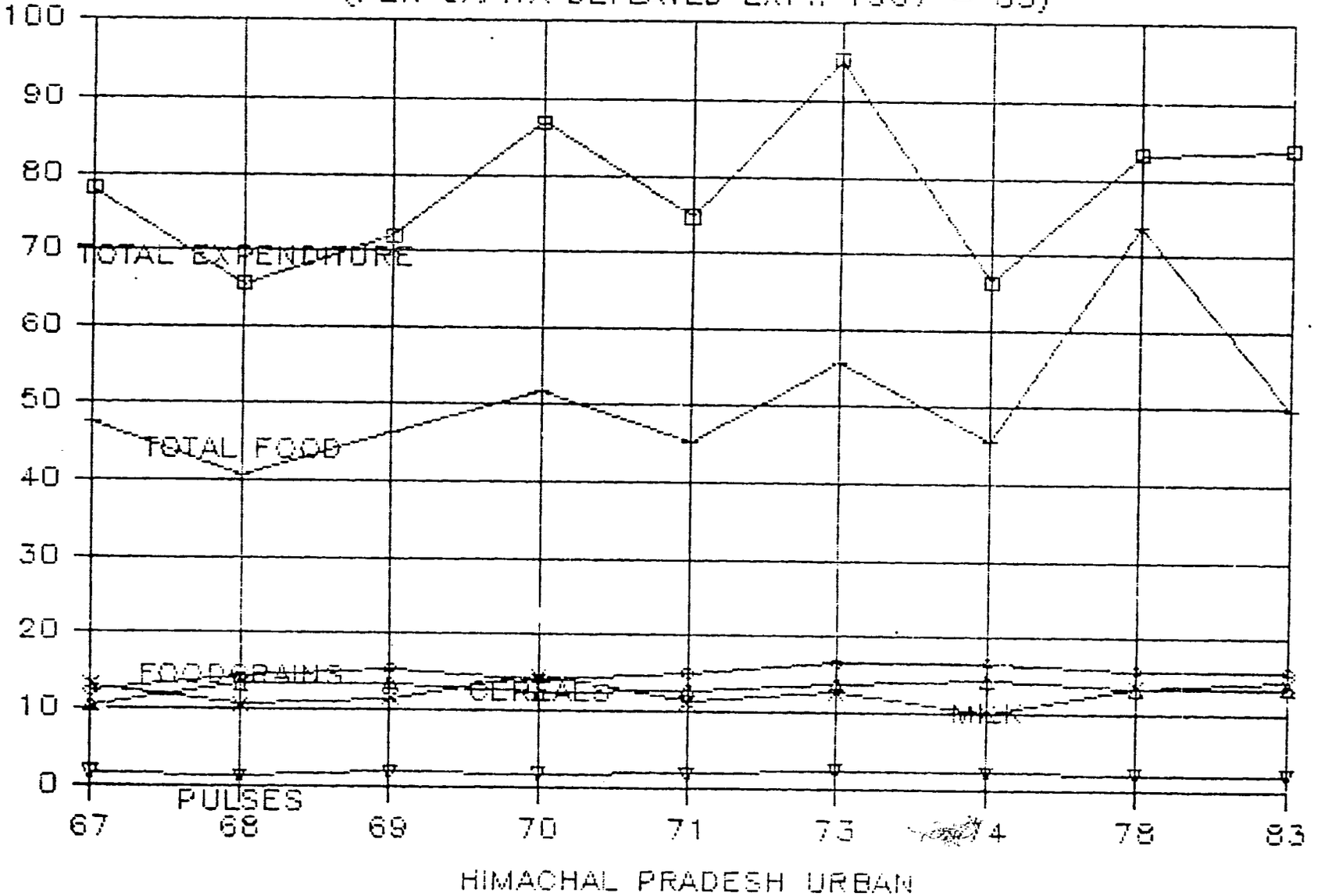


FIG. 11

TRENDS IN CONSUMER EXPENDITURES

(PER CAPITA DEFLATED EXP.: 1967 – 83)



HIMACHAL PRADESH URBAN

PER CAPITA EXPENDITURES: 1967–83

BY DECILE GROUPS

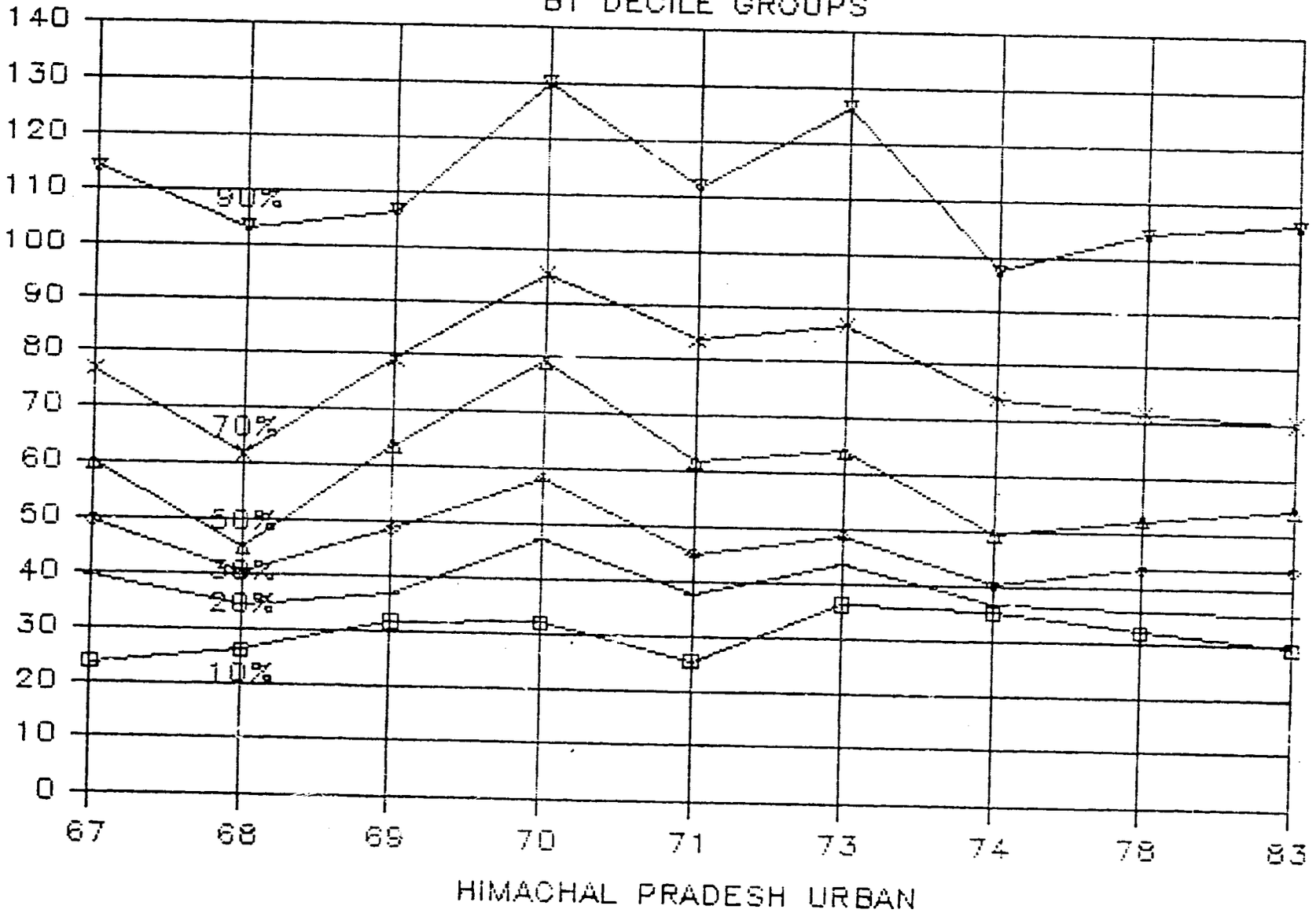
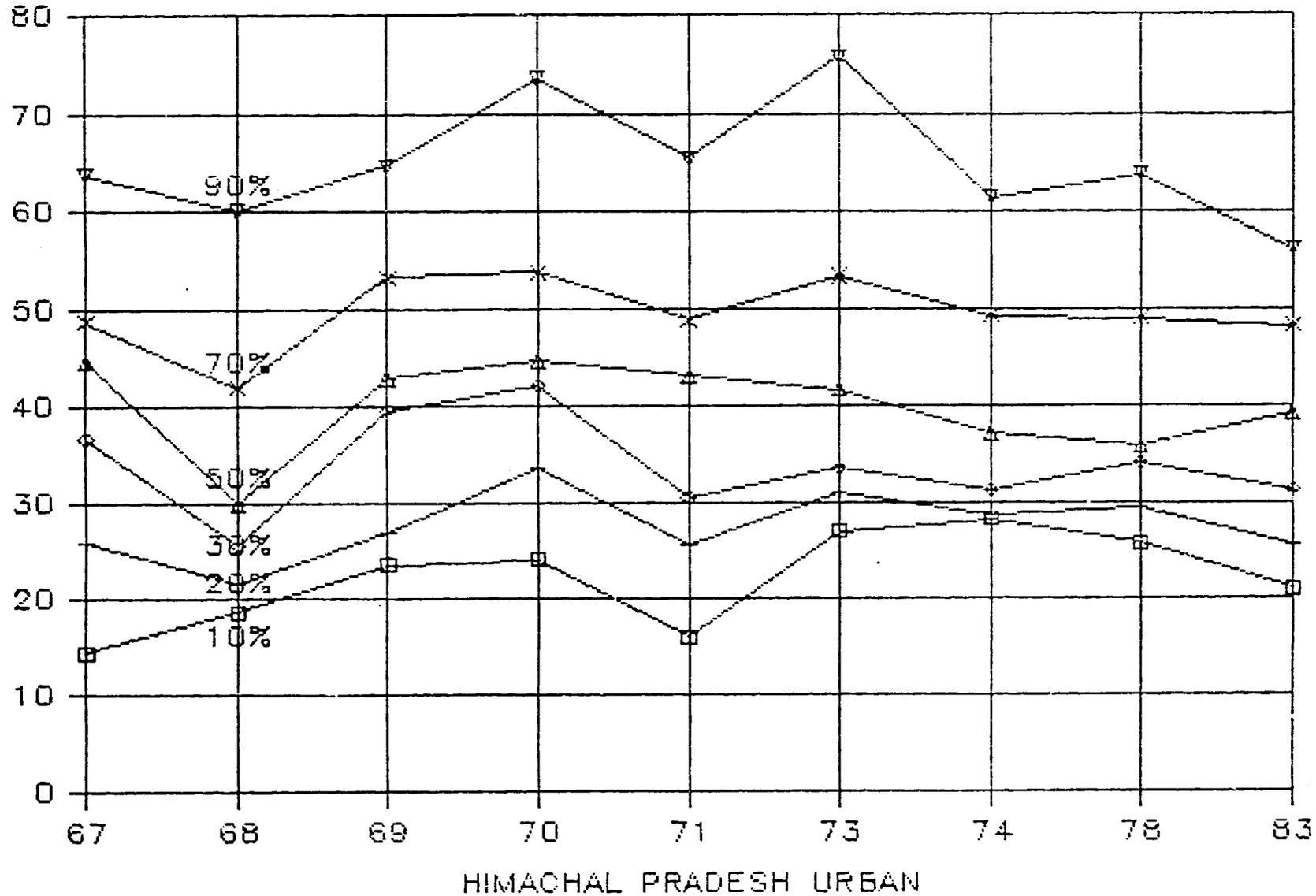


FIG.12

FIG.13

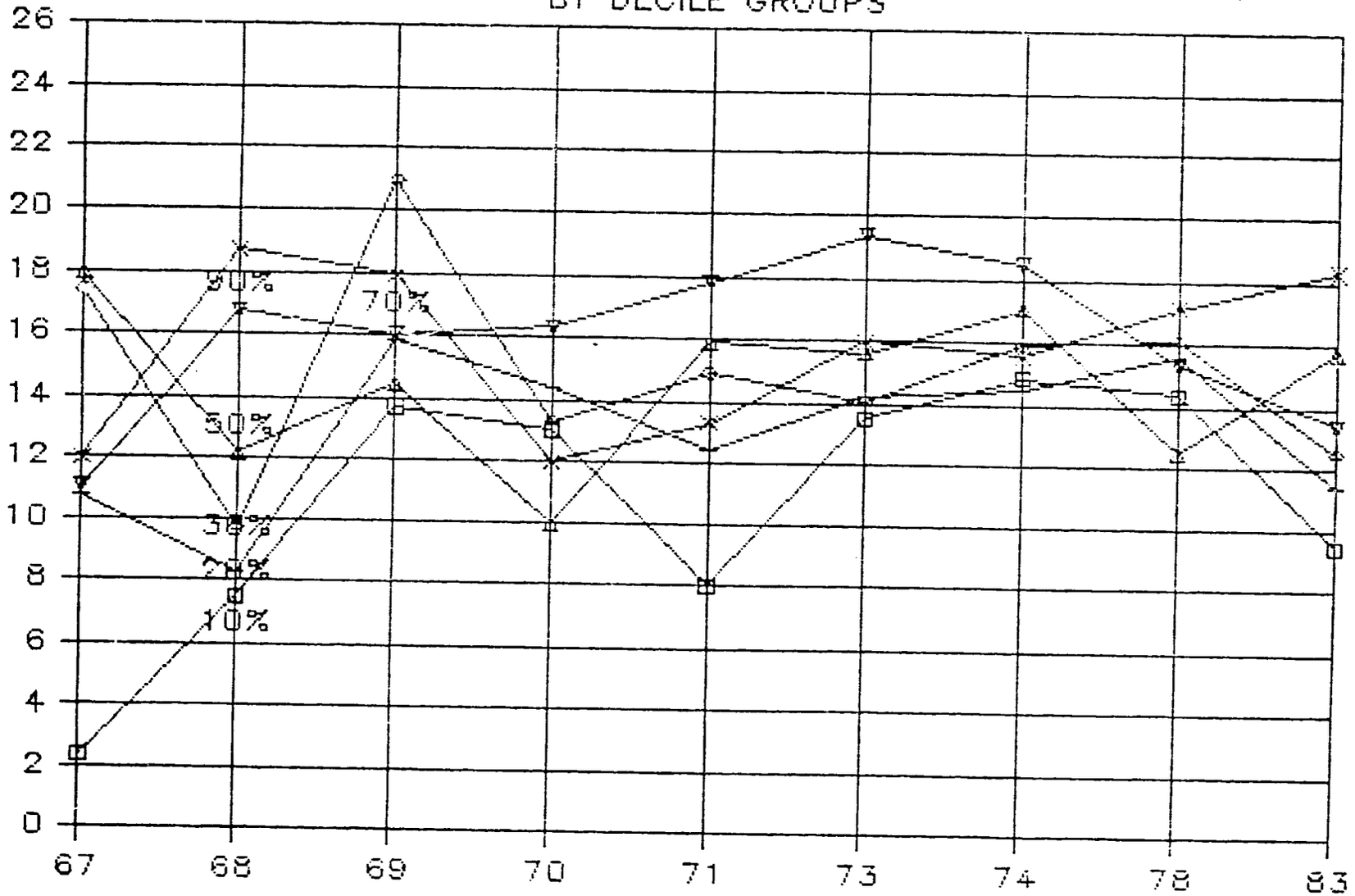
PER CAPITA EXPENDITURES: 1967–83

BY DECILE GROUPS



PER CAPITA EXPENDITURES: 1967–83

BY DECILE GROUPS



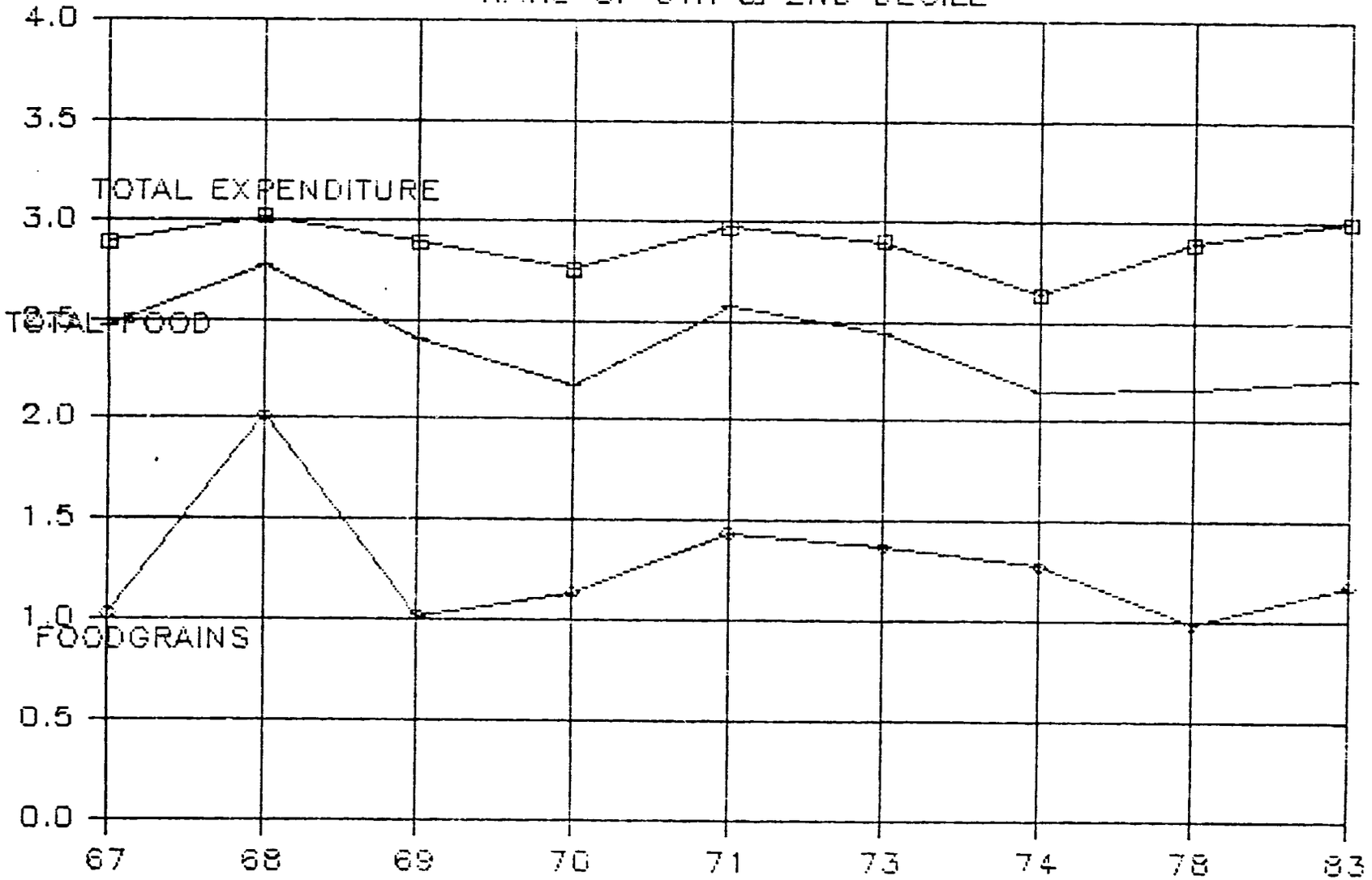
HIMACHAL PRADESH URBAN

□ 10% + 20% ◇ 30% △ 50% × 70% ▽ 90%

FIG.14

PER CAPITA EXPENDITURES: 1967–83

RATIO OF 9TH & 2ND DECILE



HIMACHAL PRADESH URBAN

FIG.15
RATIO

FIG.16

TRENDS IN CONSUMER EXPENDITURES

(PER CAPITA DEFLATED EXP.: 1973 – 78)

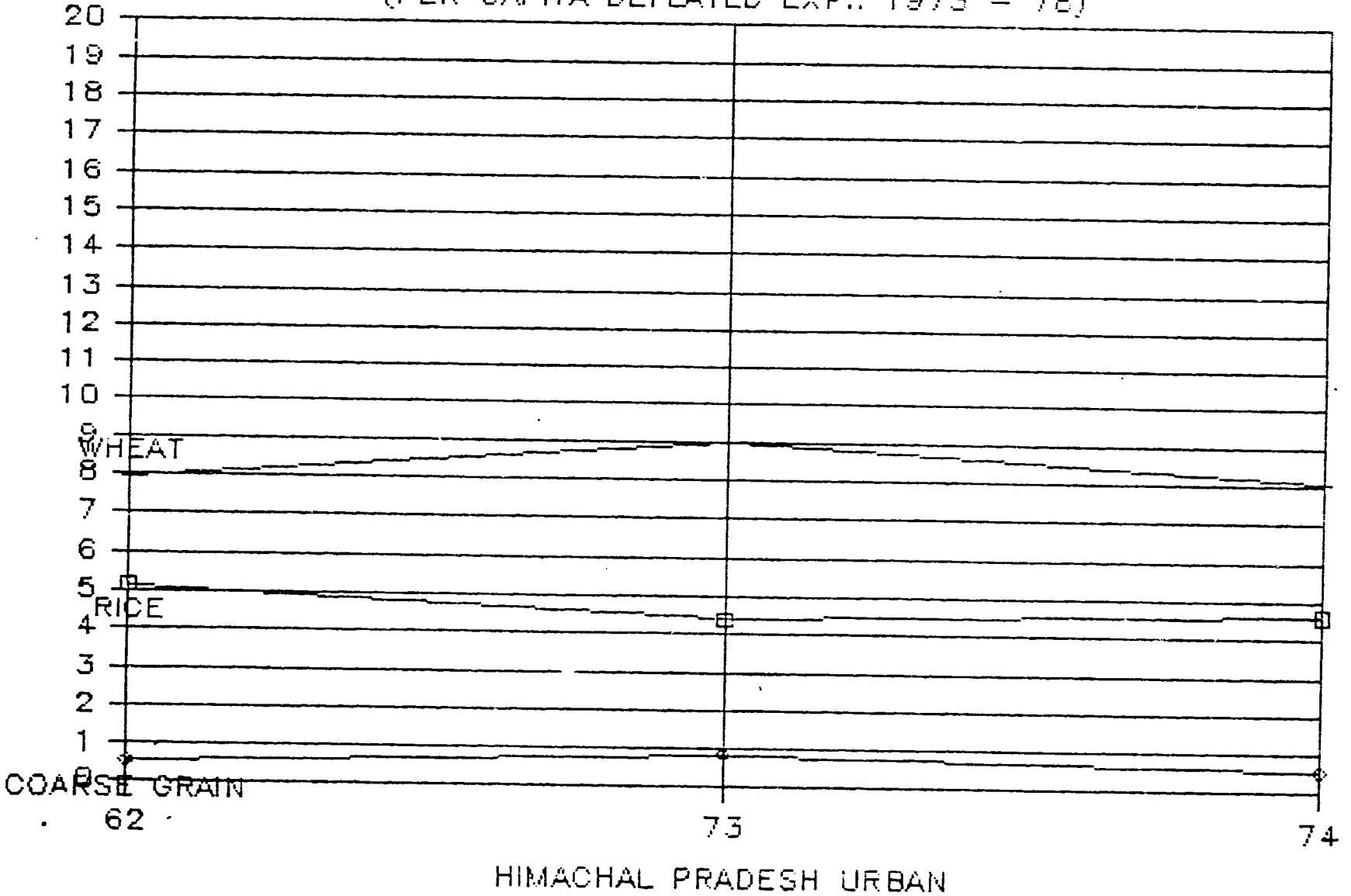


FIG.17

PER CAPITA EXPENDITURES: 1967–83

BY DECILE GROUPS

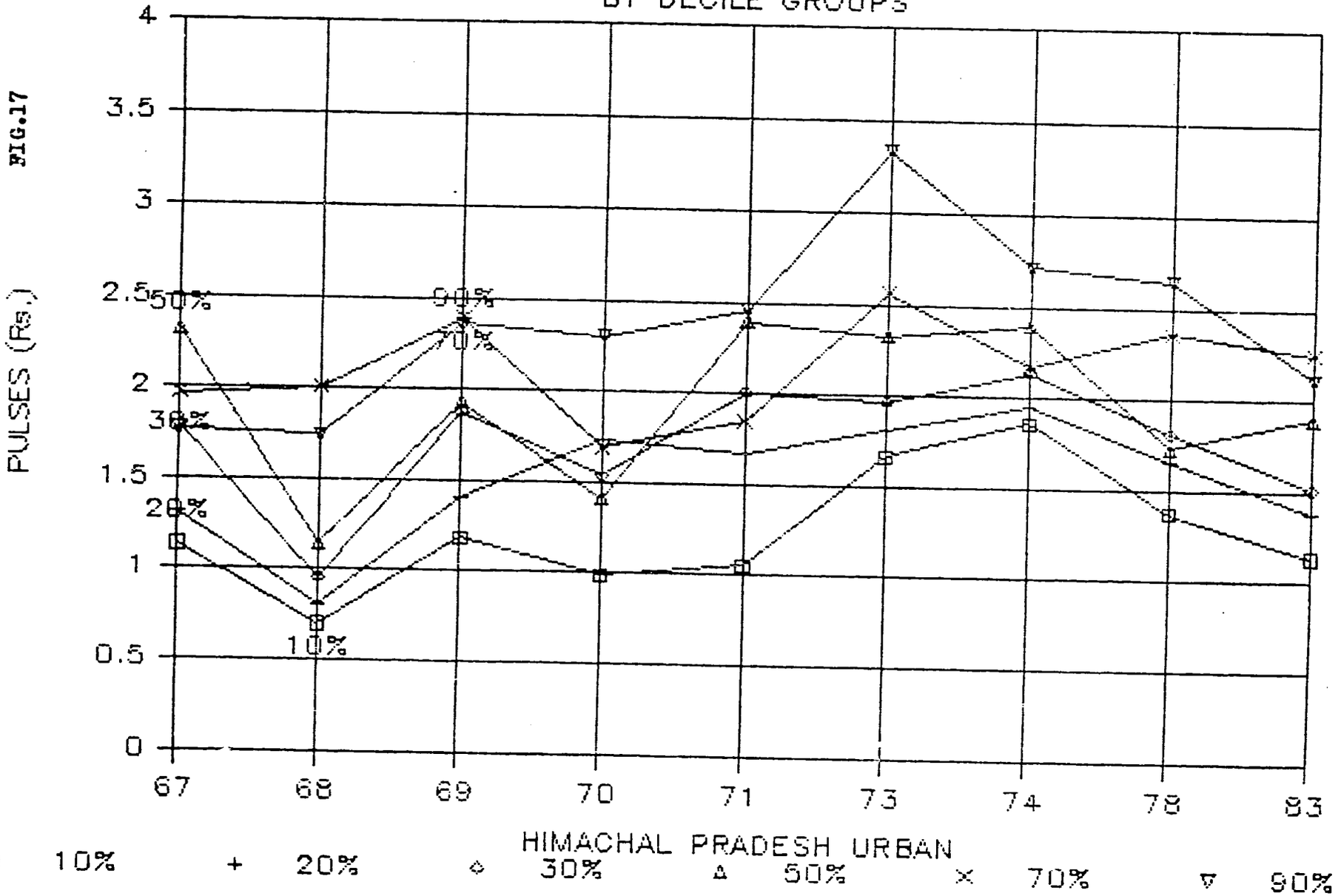


Fig.16

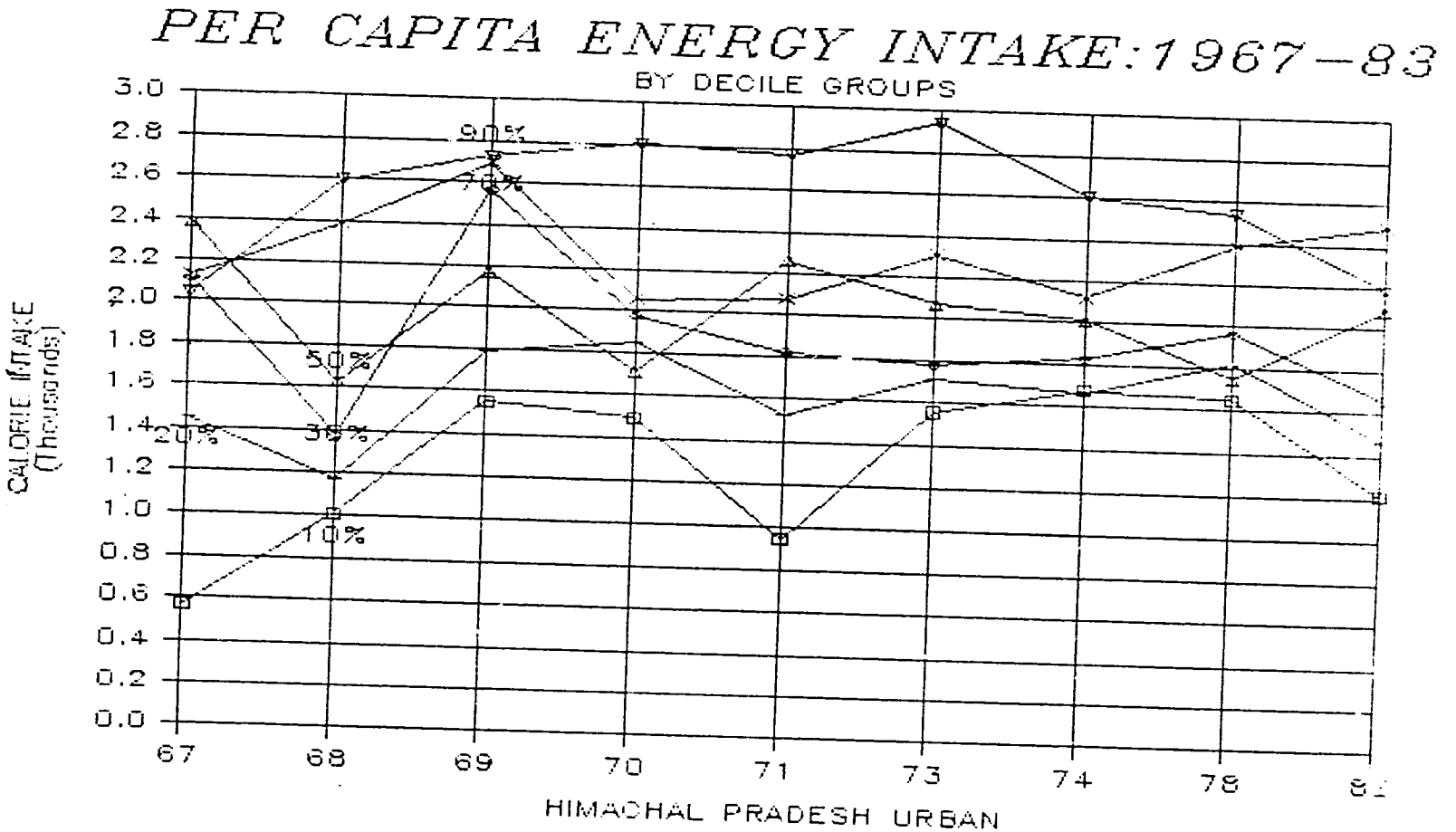

PER CAPITA ENERGY INTAKE:1967–83
BY DECILE GROUPS
CALORIE INTAKE (Thousands)
3.0
2.8
2.6
2.4
2.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
90%
70%
50%
30%
20%
10%
67
68
69
70
71
73
74
78
HIMACHAL PRADESH URBAN

FIG.19

PER CAPITA PROTEIN INTAKE: 1962 - 83

BY DECILE GROUPS

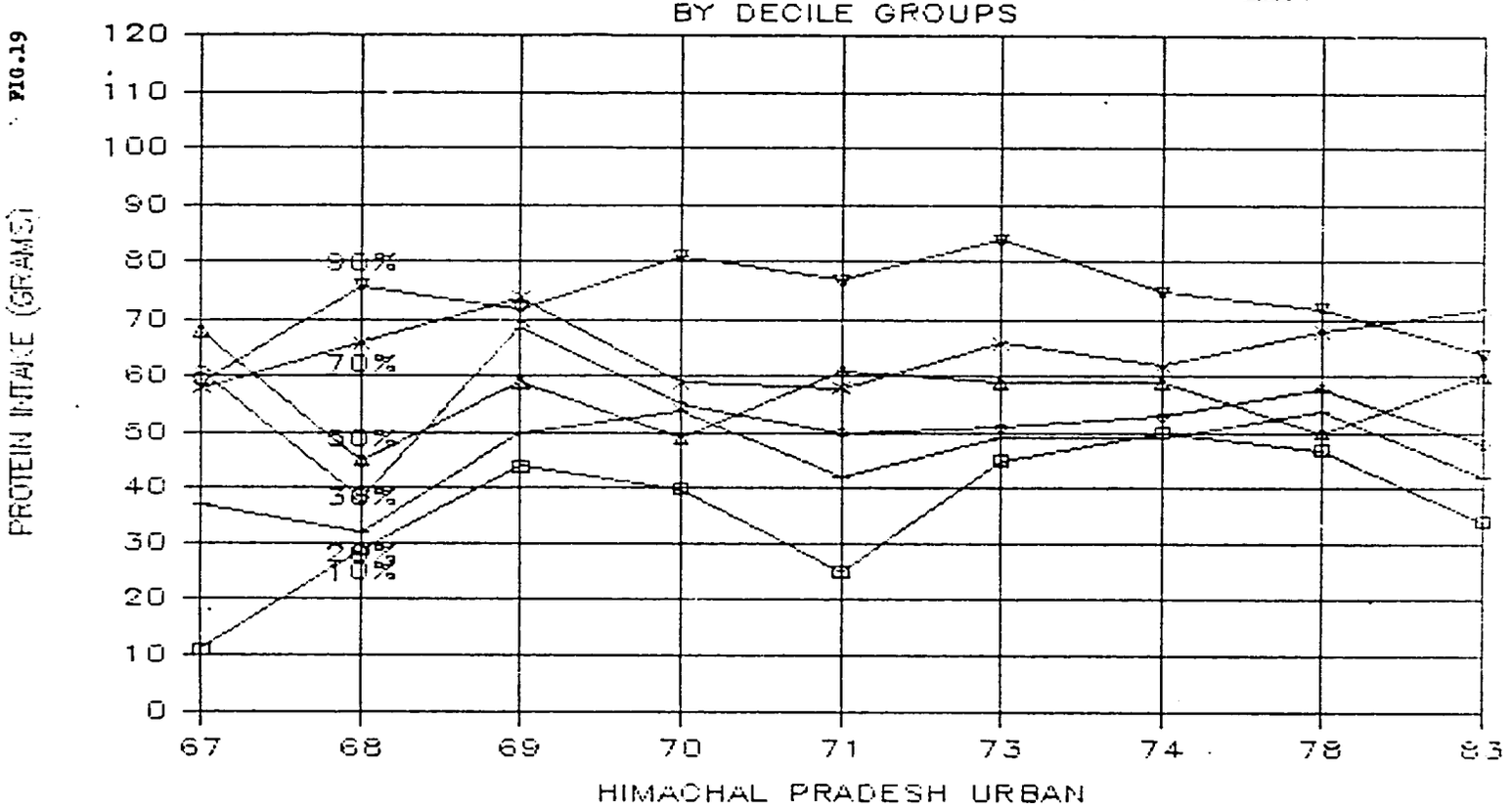
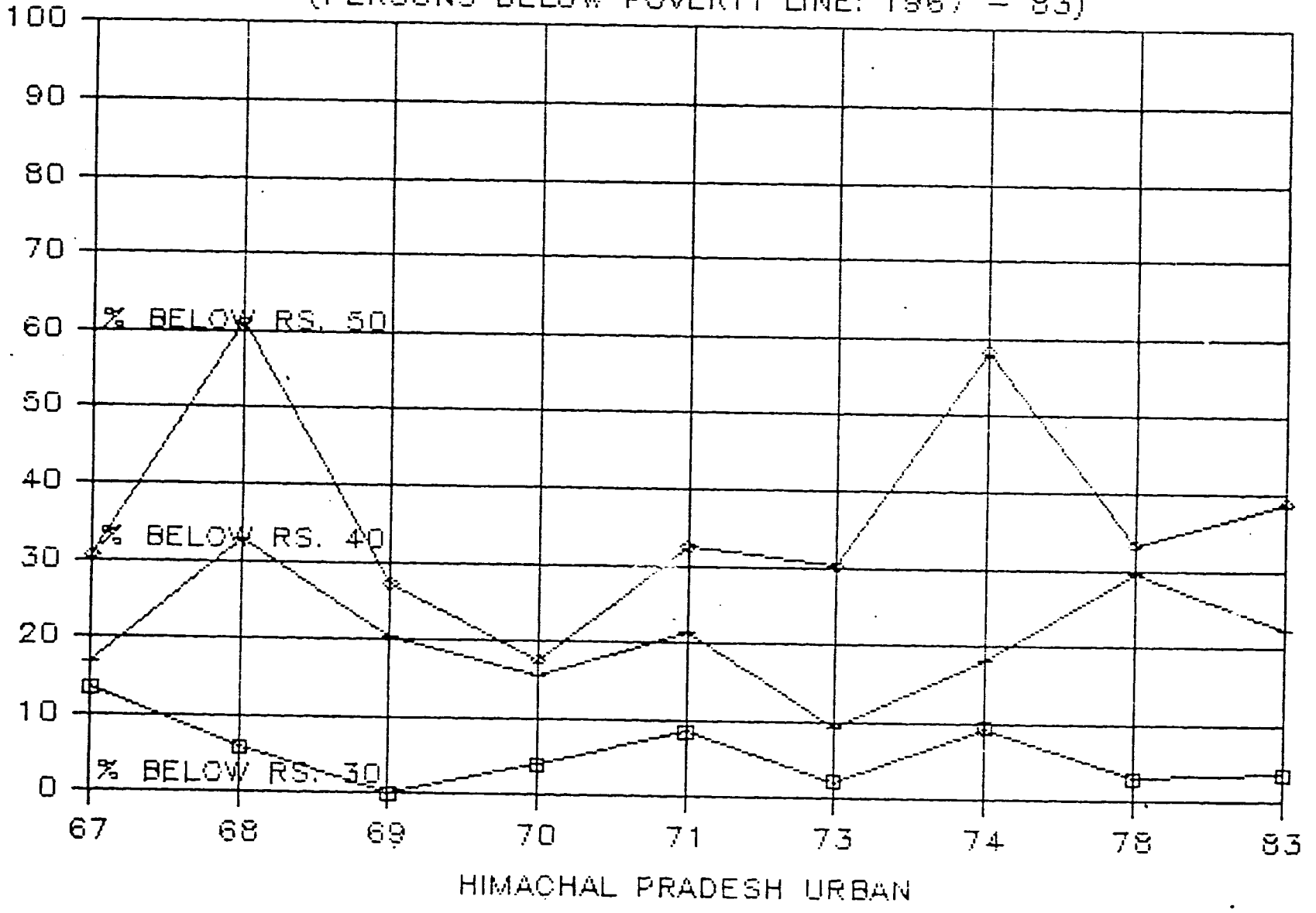


FIG.20

TRENDS IN CONSUMER EXPENDITURES

(PERSONS BELOW POVERTY LINE: 1967 – 83)



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