



GOVERNMENT OF KARNATAKA

AN EVALUATION  
OF  
'CARE' ASSISTED POSHAK PROGRAMME



EVALUATION UNIT  
PLANNING DEPARTMENT  
KARNATAKA GOVERNMENT SECRETARIAT  
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Evaluation Unit,  
Planning Department,  
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Sub. National Systems Unit,  
National Institute of Educational  
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17-B, SriAurobindo Marg, New Delhi-110016  
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## P R E F A C E

Poshak is one of the three nutrition oriented programmes for pre school children, introduced utilising the food supplement provided by the Co-operative for American Relief Every-where (CARE). This programme commenced in the year 1975, was for Children of the economically weaker sections in rural areas and was implemented through primary health centres. The evaluation of this programme was commenced, along with that of Balahar and Suraksha programmes, reports of which have been brought out earlier.

Sri S.Alfred Samuel, Assistant Director, collaborated with me in this study. Sri V.Shankara Reddy, Senior Investigator, assisted in the compilation and tabulation of the information collected.

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Bangalore,  
30th May 1980.

DR.N.S.P.REBELLO  
Director of Evaluation,  
Planning Department.

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AN EVALUATION OF CARE ASSISTED POSHAK PROGRAMME

CHAPTER-1

SUMMARY AND RECOMMENDATIONS

Providing good diet containing proteins and vitamins is of prime necessity for the growth and alround development of the children, specially, in the age group of 0-6 years and in rural areas. The assistance was extended by CARE (Co-operative for American Relief Everywhere) in this behalf, through the 'Poshak' programme, which was launched in the state during the year 1975, in consultation with Government of India. The programme covered children upto six years of age, in areas covered by selected primary health centres in the state.

An evaluation of this programme was taken up with the following objectives.

- i) The number of children actually received food supplement and the regularity of supply and distribution.
- ii) The extent to which the food supplement reached the target population.
- iii) whether the food supplement was properly utilised by the recipients and the manner in which it was consumed.
- iv) The effect of the programme on the selected population.
- v) Usefulness of the programme.
- vi) The problems involved in the distribution and utilisation of the food supplement and possible solutions.

The information required for the study was collected through schedules, questionnaires and interviews of the officials and beneficiaries.

The Poshak programme was in operation in 32 primary health centres spread out in eight districts of the state,

namely, Belgaum, Bidar, Bijapur, Chicknagalur, Dakshina Kannada, Gulbarga, Hassan and Mysore. For detailed study, 16 primary health centres, in four districts, namely, Belgaum, Dakshina Kannada, Gulbarga and Mysore were selected and 74 beneficiaries covered. The analysis of the information collected indicated the following.

CARE food supplement was to be supplied at the rate of 80 Grams per day per beneficiary, for all the 365 days in a year to children upto six years and from families whose income was rs.300 per month or less.

There were 48.68 lakhs of children, in age group of 0-6 years, in rural areas of the state. The total number of such children in the eight districts covered by the programme constituted 46 percent of the above. The number of children targetted to be covered by the programme was 50,000. This was only one percent of the total number of eligible children in the state. The number of children eligible in the programme area (eight districts) was 1.01 lakhs, of which 49 percent were covered under the programme.

Among the districts selected for the study, as against the targetted number of 25,800 beneficiaries, the actual number of beneficiaries, who collected food supplement during each week was 22,110, it being maximum in Belgaum district (93%) and minimum in Dakshina Kannada district (79%), as against the overall average of 86 percent.

The distribution of the food supplement was done through 180 sub-centres, covering on an average 274 beneficiaries per centre. In the study area, the average per week was 300.

In the sub-centres, the maximum was 1,110 in Hagargundi of Gulbarga district and the minimum was 137 in Uchagaon of Belgaum district.

Though the food was to be distributed during all the 52 weeks in a calendar year, the actual number of weeks during which was done varied from 17 to 52.

The fluctuations in the number of beneficiaries collecting food supplement was high in 20 centres, out of 74 selected for the study and the co-efficient of range (measure of dispersion) varied between .51 to .81. The response was generally low during seasonal agricultural operations.

A total quantity of 1,42,100 tonnes of food supplement was supplied by CARE during 1976 and 1977, of which 47 percent was in the area selected for the study. The deviation of the supply from normal requirement was -11 percent in the study area. On an average 440 quintals of food supplement was distributed per month. The percentage distribution was more than 90 percent in all the districts selected for the study.

The total requirement of the food supplement for the state, of all eligible children were to be covered, was estimated to be 1.42 lakhs tonnes per year (as at the end of 1977). The requirement of the programme area itself was 65,578 tonnes, whereas the distribution accounted for only 7 percent of this in 1976 and 9 percent in 1977.

The average size of the family of the beneficiary was 6.6. The maximum size of the family was 12, in Dakshina Kannada and Mysore districts. The age of the parents was below 40 years in 78 percent of the cases, the mother being

mostly below 30 years of age. The largest group of the parents of the beneficiary were engaged in agriculture and only 17 percent were in salaried employment. The individual average income per month was Rs.163. It was Rs.208 in case of father and Rs.77 in the case of mother. Seventyfour percent of the household had monthly total income below Rs.300. Fortythree percent of the parents had no education. Among the fathers, 53 percent were educated, while only 26 percent of the mothers were literate. Only in 7 percent of the cases both the parents had education upto 7th standard or above.

Most of the beneficiaries were fed food supplement in the form of 'Uppittu'. It was fed more than once a day in 36 percent of the cases, though it was expected to be fed only once and this was highest in Gulbarga district (65 percent). Food supplement lasted for seven days in 51 percent of the cases, for six days in 10percent of the cases and for five days or less in the rest. The parents of the beneficiary generally collected the food supplement from the distribution centre.

There were no complaints of major illness or upset in health due to consumption of the food supplement. The programme was well accepted by all the parents who were interviewed.

Some of the shortcomings observed in the programme were the following.

The coverage under the programme, which was only 0.1 percent of the total eligible children in the state (table-1), was far below what is desirable.

All the eligible children in the area of operation of the programme had not been covered, (table 10 and Annexure-I)

resulting in discontentment among those not included.

The target fixed for the number of beneficiaries was rather arbitrary, and not proportionate to the potential number of eligible children in the programme area (table-5).

The number of beneficiaries handled in the distribution centres varied and was too large in certain cases (table-10). As a result, there was not much scope for health care activities.

In quite a few centres (34 percent), the number of distribution weeks was less than 40 weeks in a year (table-11). This was mainly attributed to irregular supply of food supplement to the primary health centres.

There was considerable variation in the average number of beneficiaries who collected food supplement during each distribution week (table-12). Irregular release of stock of food supplement to the primary health centres had resulted in fluctuating response from the beneficiaries in collecting the food supplement (Annexure-11,IV).

The supply of food supplement to the primary health centres, without spreading it over the period, in required quantities, had not only added to the storage problems but had also resulted in irregular distribution (Annexure-11).

The lack of storage facilities, like separate godowns at the primary health centres and lack of stands to stack the bags, especially in high rainfall and humidity areas, resulted in deterioration in the quality of the food supplement.

Smooth distribution was adversely affected in some areas, due to high cost of transportation in places not connected by bus transport.

The following are recommendations arising from the study.

The programme, which was well accepted by the rural people and was of much help to them, may be extended to cover all the eligible children in the rural areas of the state.

There is need to ensure distribution of food supplement in all the 52 weeks in a calendar year, so that the main objective of providing nutritious food to ensure good growth and health of the poverty stricken children, during the vulnerable period of their life, could be achieved. Continuity in distribution is very important.

Since the response is low during the peak time agricultural operations, there is need to regulate the distribution during such seasons according to the need of the area.

The number of beneficiaries per distribution centre needs to be kept at a manageable level so as to ensure greater attention for health care activities.

The jurisdiction of the auxiliary nurse-mid-wives, who are entrusted with distribution and health care, needs to be kept at a reasonable level so as to ensure the effectiveness of the programme.

There is need to provide suitable storage place and stacking benches to store the food material, especially in the coastal and malnad regions. Also care needs to be taken

to see that the material does not get wet during transport and transshipment to and from the trucks, especially during rains.

Proper maintenance of health records, especially record of weight of the beneficiaries, is essential, to know the impact of such programme.

There is need to make provision to meet the transport charges, since the cost of transport cannot be met by sale of empty bags alone.

Since clerical work is involved in maintaining records for each beneficiary, there is need to provide an allowance to the person in charge of this work.

AN EVALUATION OF CARE ASSISTED OF "POSHAK" PROGRAMME

CHAPTER-II

INTRODUCTION

Protein and vitamins play a vital role in the development of children. In rural areas, especially among agricultural labourers and other economically weaker sections of the population quantity rather than nutritional content of food receives prime attention. As a result, young children are fed a protein and vitamin deficient diet, even if they get sufficient food and the spectre of malnutrition is ever existent.

Concerted efforts have been made by government not only to step up food production, but also to raise the nutritional standard, under plan programmes. But in view of the fact that the population is growing at a faster rate than food production, there is always a deficit of food. The assistance extended by CARE (Co-operative for American Relief Everywhere), through the supply of nutritive food, has been of great significance.

The food distribution programme undertaken by CARE, in consultation with Government of India, concentrates on providing supplementary nutrition, supplying nutritious food, rich in protein and carbohydrates fortified with vitamins, to the needy and vulnerable groups, such as school children, pre-school children and lactating mothers. This study is concerned with the 'Poshak' programme, which was started in the year 1975 and was confined to rural areas. It is an integrated nutrition-cum-health programme for the delivery of nutrition-cum-health package to rural pre-school children, in the age group upto six years, of the under privileged section of the community.



The number of children covered under Poshak Programme was, however, relatively small. Since the government felt that the programme should be extended to cover all those who needed nutrition assistance during the vulnerable period of their life, an evaluation of the programme was taken up.

Objectives:

The study was taken up to ascertain the progress achieved and the impact of the CARE assisted Poshak Programme. The specific objectives were to ascertain,

- 1) the number of children receiving food supplement and the regularity of supply and distribution;
- 2) the extent to which the food supplement reached the target population;
- 3) whether the food supplement was properly utilised by the recipients and the manner in which it was consumed;
- 4) the effect of the programme on the beneficiaries;
- 5) the problems involved in the distribution and utilisation of the food supplement and possible solutions for them.

Methodology:

Discussions were first held with CARE authorities and the Department of Health and Family Welfare, which implemented the programme, at the state level. One primary Health Centre at S.R.Hundi, in Mysore District was visited to understand the operation. Details of the programme for the state as a whole, including information on the distribution of food and the number of beneficiaries (children) involved, was collected from the Department of Health and Family Welfare, as well as, CARE, through schedules designed for the purpose.

For detailed study a sample of sixteen primary health

centres was selected. In doing so, four districts, out of the eight in which the programme was implemented, were selected at random. In each district the programme had been introduced in four primary health centres and all these were included for study. Of these sixteen primary health centres, eight were visited, at the rate of two in each district, and eight to ten beneficiaries were contacted, in each centre at random, to collect information on the use of the food product.

CHAPTER-III

The Programme

The Poshak programme was one of the food distribution programme undertaken by CARE, in collaboration with Government of India and the State Government. The principle objective of the Poshak Programme was to provide 'take-home' food to the children aged upto six years, living in the rural parts of the state.

The food supplement was provided by CARE, on a 'take-home' basis, at the rate of 80 Grams per child per day, for 365 days in a year. The distribution was done by the primary health centres of the Health Department, spread out in rural areas of the state.

Number of Primary Health Centres and rural population:

The rural population in the state in 1977 was estimated at 25.71 millions, accounting for 76 per cent of the state population of 34.00 millions. There were 438 primary health centres to cater to the health care needs of the rural folk. The distribution of the population, number of primary health centres and the average population served by each primary health centres are given in table-1.

Table-1

Population and primary Health Centres in Karnataka-1977

District	Population (000's)		No. of PHCs.	Population PHC (000's)
	Total	Rural		
Bangalore	3,961	1,766.61	28	63
Belgaum	2,810	2,231.14	21	106
Bellary	1,302	949.15	17	56
Bidar	949	811.39	8	101

1	2	3	4	5
Bijapur	2,311	1,821.07	21	87
Chickmagalur	848	715.71	37	19
Chitradurga	1,629	1,299.94	22	59
Dakshina Kannada	2,235	1,781.30	20	89
Dharwad	2,724	1,863.21	24	78
Gulbarga	1,926	1,583.17	17	93
Hassan	1,262	1,090.37	31	35
Kodagu	442	373.49	3	125
Kolar	1,793	1,423.64	23	62
Mandya	1,353	1,166.29	24	49
Mysore	2,392	1,782.04	38	47
Raichur	1,646	1,392.52	15	93
Shimoga	1,533	1,171.21	54	22
Tumkur	1,908	1,684.76	24	70
Uttar Kannada	979	805.72	11	73
State	34,003	25,712.73	438	59

The average population served by a primary health centre was 59,000 in the state. In thirteen districts the average population was equal to or more than the state average, the maximum being 1,25,000 in Kodagu District and minimum being 59,000 in Chitradurga District. In the remaining districts, the average varied between 19,000 (chickmagalur) and 56,000 (Bellary). The average was relatively low in Malnad and Semi-Malnad areas in the state.

The Poshak Programme was confined to providing 'take-home' food to the children in the age group upto six years, belonging to weaker section of the population. Children, coming from the rural families having income of about Rs.300/-

per month, were covered under this programme. The number of such children and the corresponding total rural population during 1977 was estimated to be 48.68 lakhs and 218.56 lakhs respectively. The distribution of the same in different districts in the state was as given in table-2.

Table-2

Population and potential number of children under Poshak Programme - 1977

District	Rural population (000's)		Potential number of children in age group 0-6 years		
	Male	Female	Male	Female	Total
Bangalore	761.77	739.85	160.74	162.69	323.43
Belgaum	969.86	926.61	221.13	207.75	428.88
Bellary	407.42	399.36	88.00	88.02	176.02
Bidar	350.08	339.60	76.21	74.95	151.16
Bijapur	779.53	768.38	175.55	171.20	346.75
Chickmagalur	313.49	294.87	70.01	73.22	143.23
Chitradurga	565.40	539.55	123.32	123.61	246.93
Dakshina Kannada	731.92	782.19	177.85	166.22	344.07
Dharwad	806.59	777.14	187.70	183.01	370.71
Gulbarga	676.35	669.35	146.43	143.98	290.41
Hassan	476.21	459.60	106.48	108.05	214.53
Kodagu	165.66	151.81	35.50	36.50	72.00
Kolar	614.97	595.13	124.04	125.33	249.37
Mandya	503.80	487.54	110.84	108.97	219.81
Mysore	776.76	737.98	163.82	162.95	326.77
Raichur	595.26	588.39	133.28	130.50	263.78
Shimoga	512.80	482.73	121.13	123.92	245.05
Tumkur	729.05	702.99	150.33	151.84	302.17
Uttara Kannada	350.10	334.76	77.51	75.42	152.93
State Total:	11078.02	10777.83	2449.87	2418.13	4868.00

The Poshak Programme, however, was confined to eight districts in the state viz., Belgaum, Bidar, Bijapur, Chikmagalur, Dakshina Kannada, Gulbarga, Hassan and Mysore. The proportion of population in the area comprising the above districts was as given in table-3. Details for each of the sub-centres are provided in appendix-1.

As can be seen from table-3, 22.46 lakhs or 46 per cent of the total eligible children were in eight districts where the programme was in operation.

Table-3

Eligible children in the programme area (ooo's) 1977

Particulars	Programme area	Other area	Percentage of the total
<u>Total population:</u>			
Male	5065	6013	45.72
Female	4979	5799	46.20
Total	10044	11812	45.96
<u>Number of children 0-6 years:</u>			
Male	1138	1312	46.45
Female	1108	1310	45.82
Total	2246	2622	46.14

Although the programme was in operation in these eight districts, having 193 primary health centres (44 per cent of the total number in the state), only 32 primary health centres were selected for the distribution of food, with four primary health centres in each district. Thus the number of primary health centres involved in the programme was 7 per cent of the total number in the state and 17 per cent of the total number in the programme districts. The eligible

children in the area covered by the 32 primary health centres were as given in table-4.

Table-4

Eligible children in the programme area - 1977

District/Primary Health centre	Eligible children		
	Male	Female	Total
1	2	3	4
<b>A. Selected area:</b>			
<b>1. Belgaum</b>			
Uchagaon	2451	2304	4755
Hirebagewadi	1317	1295	2612
Naganoor	1859	1803	3662
Kittor	1853	1828	3686
	7485	7230	14715
<b>2. Dakshina Kannada</b>			
Suratkal	4339	4057	8396
Ullal	3395	3171	6566
Brahmavar	3725	3482	7207
Kota	1542	1440	2982
	13001	12150	25151
<b>3. Gulbarga</b>			
Narona	1119	1087	2205
Madanhipperge	990	961	1951
Farhatabad	1739	1687	3426
Kamalapur	1067	1036	2103
	4914	4771	9685
<b>4. Mysore</b>			
Chamarajanagar	1454	1470	2924
Ummatur	1188	1182	2370

Table - 4 (Contd.)

1	2	3	4
Elwal	88	875	1755
S.R. Hundi	1152	1146	2298
	4674	4673	9347
Total 1 to 4 = A	29382 (57.99)	29516 (58.18)	58898 (58.09)
<b>B. <u>Area not selected</u></b>			
<b>5. <u>Bidar</u></b>			
Chillarge	1454	1430	2884
Janwad	841	826	1667
Santpur	431	423	854
Kamalanagar	1040	1023	2063
	3766	3702	7468
<b>6. <u>Bijapur</u></b>			
Indi	3356	3274	6630
Chadchan	188	1841	3728
Almel	2695	2627	5322
Kalkeri	2016	1965	3981
	9954	9797	19661
<b>7. <u>Chickmagalur</u></b>			
Mallandur	797	833	1630
Nidagatta	520	516	1066
Koppa	1652	1726	3378
Hirenallur	785	821	1608
	3754	3926	7680
<b>8. <u>Hassan</u></b>			
Salagame	625	635	1263
Ankapura	983	997	1980
Udayapura	883	903	1786



: 17 :

1	2	3	4
Mattinavile	1321	1343	2664
	3812	3878	7690
Total 5 to 8 = B	21286 (42.31)	21213 (41.82)	42499 (41.91)
Grand Total A + B	50668 (100.00)	50729 (100.00)	101397 (100.00)

Note: Figures in parenthesis are percentages.

Of the eight districts, having 32 primary health centres, in the programme area, four districts grouped under (A) in table-4 viz., Belgaum, Dakshina Kannada, Gulbarga and Mysore, and consequently 16 primary health centres were selected for detailed study. The eligible children in the areas selected for the study were 58898 or 58 per cent of the total of 101397 in the programme area.

It was further seen that the total number of eligible children (101397) in the programme area constituted only 2 per cent of the total of 48.68 lakhs in the state.

Target for beneficiaries:

It was estimated that there were 101397 eligible children in the age group 0-6 years in the programme area. As against this, a target of 50,000 children was set to be covered under the programme, resulting in a proposed coverage of 49.31 per cent of the potential number of beneficiaries in the programme area. The distribution of these beneficiaries in the programme area was as provided in the table-5.

Table-5

Potential and target for the number of beneficiaries  
in the programme area - 1977

Programme area	Number of beneficiaries		Percentage
	Potential	Target	
<u>1. Belgaum</u>			
Uchagoan	4755	1400	29.44
Hirebagevadi	2612	1400	53.60
Naganoor	3662	1400	38.23
Kittor	3686	1400	37.98
	14715	5600	38.06
<u>2. Dakshina Kannada</u>			
Surathkal	8396	1700	20.25
Ullal	6566	1700	25.89
Brahmavar	7207	1700	23.59
Kota	2982	1700	57.01
	25151	6800	27.04
<u>3. Gulbarga</u>			
Narona	2205	1650	74.83
Madanahipparg	1951	1650	84.57
Farthabad	3426	1650	48.16
Kamalapur	2103	1650	78.46
	9685	6600	68.15
<u>4. Mysore</u>			
Chamarajanagar	2924	1700	58.14
Ummatur	2370	1700	71.73
Elwal	1755	1700	96.87
S.R. Hundi	2298	1700	73.98
	9347	6800	72.75

Table - 5 (Contd.)

1	2	3	4
Total 1 to 4 (A)	58898	25300	43.81
<b>5. <u>Bidar</u></b>			
Chillargi	2884	1400	48.54
Janwad	1667	1400	119.07
Santpur	854	1400	163.93
Kamalanagar	2063	1400	67.86
	7468	5600	74.99
<b>6. <u>Bijapur</u></b>			
Indi	7370	1500	20.35
Chandchan	2988	1900	50.20
Almel	5322	1700	28.18
Kalkeri	3981	1700	37.68
	19661	6800	34.59
<b>7. <u>Chickmagalur</u></b>			
Mallandur	1630	1400	85.89
Nidaghatta	1066	1400	131.33
Koppa	3378	1400	41.45
Hirenallur	1606	1400	87.17
	7680	5600	72.92
<b>8. <u>Hassan</u></b>			
Salagame	1260	1550	123.01
Ankapura	1980	1550	78.28
Udayapura	1786	1550	86.79
Mattinavile	2664	1550	58.18
	7690	6200	80.62
Total 5 to 8 = (B)	42499	24200	56.94
Grand total A+B	101397	50000	49.31

It was seen that out of the 32 centres selected in as many as 13 centres, the coverage was below the average for all centre of 49 per cent and it varied between 20 per cent in Indi and Suratkal to 49 per cent in Chillargi. In the other 15 centres, it varied between 50 percent in Chadchan centre to 97 per cent in Elwal centre.

At four centres, the target fixed was far more than the total number of children eligible under the programme, indicating that the department had not taken into consideration, the potential number available when fixing the target. This undoubtedly might have resulted in denying the benefits of the programme to the needy children in other programme areas, where the target fixed was far below the total number of eligible children in that area.

CHAPTER IVDISTRIBUTION OF FOOD SUPPLEMENT

The distribution of food supplied by CARF was done by the Department of Health and Family Welfare through Primary Health Centres and sub centres. The supply was made directly to the Primary Health Centres by CARF while the supply from the primary Health Centre to sub centres was done by the Department itself. The quantity of food supplement delivered, the number of sub centres involved in the distribution and the average number of beneficiaries utilised per sub centre was as provided in Table-6.

Table-6Quantity of food supplement delivered by CARF and number of beneficiaries

Name of the PHC	Number of sub-centres	Number of beneficiaries per sub-centres	Total number of beneficiaries (as on July 1977)	Quantity of food supplement delivered (Qtls.)		
				1976	1977	Total
1	2	3	4	5	6	7
<u>A. Selected area</u>						
<u>1. Belgaum</u>						
Uchagaon	7	200	1400	240	270	510
Hirebagewadi	3	433	1300	100	360	460
Naganoor	4	348	1390	100	270	370
Kittoor	3	594	1783	100	245	345
Total:	17	345	5873	540	1145	1685
<u>2. Dakshina Kannada</u>						
Suratkal	4	425	1700	512½	360	872½
Ullal	4	425	1700	301½	320	621½
Brahmavara	7	249	1745	376½	140	516½
Kota	6	284	1705	481½	320	801½
Total:	21	326	6850	1671½	1140	2811½

Table - 6 (Contd.): 22 :

1	2	3	4	5	6	7
<b>3. <u>Gulbarga</u></b>						
Narone	5	339	1696	437	360	797
Madanahipperge	2	825	1650	215 $\frac{3}{4}$	180	395 $\frac{3}{4}$
Farhatabad	6	275	1650	300	270	570
Kamalapur	2	830	1660	288 $\frac{1}{4}$	360	648 $\frac{1}{4}$
Total:	15	444	6656	1241	1170	2411
<b>4. <u>Mysore</u></b>						
Chamarajanagar	6	278	1665	463 $\frac{1}{4}$	295	758 $\frac{1}{2}$
Ummatur	4	425	1700	345 $\frac{3}{4}$	270	615 $\frac{3}{4}$
Elwal	6	208	1250	413 $\frac{3}{4}$	335	748 $\frac{3}{4}$
S.R. Hundi	4	426	1704	315	320	635
Total: (1-4) -A	73	352	25698	4990	4675	9665
<b>B. <u>Un-selected area:</u></b>						
<b>1. <u>Bidar</u></b>						
Chillargi	7	200	1400	315	180	495
Janwad	3	467	1400	215	90	305
Santapur	3	467	1400	50	180	230
Kamalanagar	4	350	1400	240	270	510
Total:	17	329	5600	820	720	1540
<b>2. <u>Bijapur</u></b>						
Indi	6	192	1150	425	260	685
Chadchan	7	243	1700	406 $\frac{1}{4}$	270	676 $\frac{1}{2}$
Almel	7	243	1700	487 $\frac{1}{2}$	270	757 $\frac{1}{2}$
Kalkeri	4	425	1700	498 $\frac{3}{4}$	360	858 $\frac{3}{4}$
Total:	24	250	6250	1817 $\frac{1}{2}$	1160	2977 $\frac{1}{2}$

1	2	3	4	5	6	7
<b>3. Chickmagalur</b>						
Mallandur	5	280	1400	190	180	370
Nidagatta	6	233	1400	240	360	600
Koppa	7	200	1400	162	180	342½
Hirenallur	4	363	1450	240	360	600
Total:	22	257	5650	832½	1080	1912½
<b>4. Hassan</b>						
Salagame	8	194	1550	257½	360	597½
Ankapura	6	250	1500	145	180	325
Udayapura	13	120	1560	237½	230	467½
Mattinavile	17	91	1550	265	360	625
Total:	44	140	6160	885	1130	2015
Total(1-4)-B	107	221	23660	4355	4090	8445
Grand Total:	180	274	49358	9345	8765	18110

There were 180 distribution centres in the programme area, to distribute food supplement to 49,358 beneficiaries (utilised). The number of such distribution centres varied from 2 to 17 per primary health centre. The average number of beneficiaries handled per distribution centre was 274, the maximum being 830 at Kamalapur (Gulbarga dist.) and minimum 91 at Mattinavile (Hassan district).

During the two years ending with 1977, a total quantity of 1,811 tonnes of food supplement was supplied by CARE, of which 52 percent was supplied during 1976 and 48 per

cent in 1977. Total quantity supplied to different primary health centres during each month is provided in Appendix-II.

If the quantity supplied by the CARE during each year were according to the norm prescribed by them, the ratio between number of beneficiaries and quantity supplied should be 5.6. But, the ratio between the actual number of beneficiaries supplied with food supplement and the food supplement delivered by CARE during 1977 was as provided in Table-7, for the four centres selected for the study.

Table-7

The ratio of the number of beneficiaries and quantity of food supplement supplied and deviation from normal - 1977.

Primary Health Centre	Ratio	Percentage of deviation from normal (5.6)
<u>Belgaum</u>		
Uchagaon	4.80	-14.29
Hirebagewadi	7.19	+28.39
Naganoor	8.02	+43.21
Kittoor	2.62	-53.21
Average	4.91	-12.32
<u>Dakshina Kennada</u>		
Suratkal	4.62	-17.50
Ullal	6.01	+ 7.32
Brahmavara	2.93	-47.68
Kota	4.52	-19.79
Average	4.57	-18.39



1	2	3
<u>Gulbarga</u>		
Narone	4.99	-10.89
Madanahipparge	5.44	- 2.86
Farhatābad	4.90	-12.50
Kamalapur	8.26	+47.50
Average	5.74	+ 2.50
<u>Mysore</u>		
Chamarajanagar	13.00	+132.14
Ummathur	11.63	+107.68
Elwal	10.43	+ 86.25
S.R. Hundi	8.85	+ 58.04
Average	10.85	+ 93.75
All centres	4.96	-11.43

The percentage deviation from the normal reveals that the supply was below normal in 8 centres, the maximum deviation being at Brahmavar Centre (-47.68) and the minimum at Madanahipparge (-2.86). In other centres it was above normal, the maximum being +132.14 at Chamarajanagar centre and the minimum being +7.32 at Ullal centre. The deviation was abnormal at all the centres in Mysore district. The overall deviation was however not very significant and it was below normal by 11 percent.

Number of beneficiaries in the selected centres:

The total number of beneficiaries who collected the food supplement during a week in 1976 and 1977, as against the

target fixed, in the districts selected for the study was as given in Table-8.

Table-8

Number of beneficiaries collecting food during a week

District	Number of PHCs involved	Potential	Number of beneficiaries		Variation over 1976	Percentage covered		
			Target	Actual		1976	1977	
Belgaum	4	14715 (25)	5600 (22)	4656 (26)	5181 (24)	+11.3	83	93
Dakshina Kannada	4	25151 (43)	6800 (26)	4836 (26)	5085 (23)	+ 5.2	71	75
Gulbarga	4	9685 (16)	6600 (26)	3623 (20)	5713 (26)	+57.7	55	87
Mysore	4	9347 (16)	6800 (26)	5202 (28)	5817 (27)	<b>111.88</b>	77	86
Total:	16	58898 (100)	25800 (100)	18317 (100)	21796 (100)	+19.0	71	85

Note: Figures in paranthesis are percentages

In the four districts selected for the study, the distribution of the target number was not in proportion to the potential number available under the programme. Dakshina Kannada which accounted for 43 per cent of the total potential number had only 26 per cent of the targetted number, whereas Mysore, which had only 16 per cent of the potential number, had 26 per cent of the targetted number.

Further, as against the total target of 25,800, the number of beneficiaries who collected the food supplement

was 71 percent during 1976 and 85 percent during 1977. Except for Belgaum district, in 1977, in none of the other areas has the percentage coverage exceeded 90 percent. The coverage was as low as 55 percent in Gulbarga district during 1976. However, compared with the number of beneficiaries in 1976, the coverage increased by 19 percent in 1977. This increase was maximum in Gulbarga district, since the coverage was low in 1976. There were sixteen primary health centres in the four districts selected for the study and the coverage in each of these centres during 1977 was as provided in Table-9.

Table-9

The average targetted and actual number of beneficiaries

Primary Health Centre	Target	Actual	Percentage coverage
<u>Belgaum</u>			
Uchagaon	1,400	1,254	89.6
Hirebagewadi	1,400	1,233	88.1
Maganoor	1,400	903	64.5
Kittoor	1,400	1,791	127.9
Total:	5,600	5,181	92.5
<u>Dakshina Kannaḍa</u>			
Suratkal	1,700	1,580	92.9
Ullai	1,700	1,169	68.8
Kota	1,700	1,401	82.4
Brahmavara	1,700	1,249	73.5
Total:	6,800	5,399	79.4

1	2	3	4
<u>Gulbarga</u>			
Narone	1,650	1,983	120.2
Madanahipparge	1,650	973	59.0
Farhatatabad	1,650	1,605	97.3
Kamalapura	1,650	1,152	69.8
Total:	6,600	5,713	86.6
<u>Mysore</u>			
Chama rajanagar	1,700	1,372	80.7
Ummatur	1,700	1,626	95.6
Elwal	1,700	1,439	84.6
S.R. Hundi	1,700	1,380	81.2
Total:	6,800	5,817	85.5
All centres:	25,800	22,110	85.7

As compared to the total target of 50,000 beneficiaries fixed for the entire programme area, the study area accounted for 52 percent.

The total number of beneficiaries, who actually collected the food supplement during each week, as compared to the target fixed for each primary health centre in the area under study, reveals that, as against the total target of 25,800 beneficiaries, the coverage was 22,110 or 86 percent.

The maximum coverage was in Belgaum district (93 percent) and the minimum in Dekshina Kannada district

(79 percent). Among the individual primary health centres, Naganur in Belgaum district recorded the lowest coverage of 65 percent. Of the sixteen centres, only five centres recorded a coverage of 90 percent or more. In other centres it varied between 65 to 88 percent. The coastal area recorded the lowest coverage.

Distribution Centres:

The average distribution of beneficiaries in each sub centre of the primary health centres, collecting the food supplement during each week of the month was as given in Table-10. Generally selected as distribution points. There were 73 such distribution points in the area selected for the study and the number in each primary health centre varied from 2 to 7.

Table-10

Average number of beneficiaries collecting food in the distribution centres - 1977

District/Primary Health Centre/Sub-centre	Weeks in a month					Average
	I	II	III	IV	V	
1	2	3	4	5	6	7
<u>Belgaum</u>						
<u>Uchagaon</u>						
Aste	126	127	124	126	113	125
Uchagaon	112	108	106	107	111	109
Merihal	374	354	400	361	396	374
Honaga	174	171	165	160	145	166
Kalakamba	141	130	136	133	148	136
Kakati	208	202	185	202	208	200
Charged	141	145	152	139	133	144
Average	178	172	174	170	182	174

Table - 10 (Contd.)

1	2	3	4	5	6	7
<u>Hirebagewadi</u>						
Hirebagewadi	752	827	970	776	895	785
Mutnal	210	208	207	108	208	208
Peeranwadi	233	248	232	247	216	240
Average	421	428	392	389	503	414
<u>Naganoor</u>						
Naganoor	231	279	251	245	253	252
Tigadi	147	165	145	138	127	149
Wakundi	246	248	228	246	259	243
Vannar	227	259	276	269	284	259
Average	212	229	227	225	251	228
<u>Kittoor</u>						
Kittoor	626	605	557	621	533	597
Ambidagatte	626	605	557	621	533	597
Balwadi	626	605	557	621	533	597
Average	626	605	557	621	533	597
District Average:	310	311	298	314	331	310
<u>Dakshina Kannada</u>						
<u>Suratkal</u>						
Iddya	565	566	543	567	564	560
Hosabettu	289	279	269	281	296	280
Mulki	558	525	553	556	580	550
Habangadi	191	191	190	189	187	190
Average	403	393	390	401	410	398

Table - 10 (Contd.)

1	2	3	4	5	6	7
Ullal	406	371	381	379	450	389
Talapadgi	125	118	129	138	162	128
Mannar	484	466	401	443	410	449
Jeeppinamogaru	189	199	204	204	253	203
Average	309	296	284	289	338	297
<u>Kota</u>						
Giliyar	167	166	164	164	149	164
Manoor	262	261	258	265	273	262
Kotathattu	296	298	292	315	396	306
Bannady	269	268	267	267	264	268
Karkada	224	224	224	224	231	224
Pandeshwar	177	178	178	180	166	177
Average	232	232	230	235	237	233
<u>Brahmavara</u>						
Varamballi	244	249	235	243	305	246
Uppoor	208	191	194	192	179	197
Karje	131	142	142	139	136	138
Kanjai	179	177	177	168	168	175
Kakkerne	168	175	179	198	179	179
Chantar	148	133	165	175	147	154
Havanje	141	141	200	158	-	160
Average	178	178	186	182	184	181
District Average:	266	261	260	266	282	264
<u>Gulbarga</u>						
<u>Narone</u>						
Narone	704	704	704	704	704	704

Table - 10 (Contd.)

1	2	3	4	5	6	7
Kamalanagar	242	244	244	242	250	243
V.K. Salegar	388	395	408	350	-	387
Ladmugli	199	198	195	214	252	204
Rudravadi	450	450	430	450	450	445
Average	416	430	422	433	447	424
<u>Madanahippurge</u>						
Madanahippurge	434	398	446	460	456	435
Kadganchi	529	513	544	544	690	538
Average	468	443	483	492	534	473
<u>Farhatabad</u>						
Farhatabad	381	382	382	356	374	276
Tilgul	172	172	170	167	176	171
Hagargundi	578	396	572	473	-	533
Ferozabad	359	381	348	362	-	363
Betsaroggi	163	156	161	176	154	162
Average	318	284	295	246	259	299
<u>Kamalapür</u>						
Kamalapur	754	389	461	403	-	520
Mahjaon	605	629	626	650	662	632
Average	690	502	531	536	662	573
District Average	426	391	400	412	415	408



Table - 10 (Contd.)

1	2	3	4	5	6	7
<u>Mysore District</u>						
<u>Chamarajanagar</u>						
Udigala	241	259	242	225	-	244
V. Chatra	263	258	248	256	276	258
Yanganahalli	156	171	176	148	-	163
Basavapura	218	225	228	224	244	225
Kothalwadi	247	276	274	265	277	265
Arkalwadi	211	222	219	218	220	217
Average	224	238	234	229	264	232
<u>Ummatur</u>						
Ummatur	565	570	571	564	540	567
Galipura	197	196	216	217	221	206
Harve	472	485	477	468	-	476
Kuduru	381	370	377	381	384	377
Average	399	391	394	390	356	392
<u>Elwal</u>						
Elwal (A)	366	355	349	358	347	356
Elwal (B)	134	115	119	123	130	123
Belwadi	340	342	367	356	341	350
Kallur	154	159	151	155	152	155
Jayapura (A&B)	223	223	243	199	103	213
Hosakote	244	244	243	243	226	242
Average	242	239	244	236	226	239

Table - 10 (Contd.)

1	2	3	4	5	6	7
<u>S.R. Hundi</u>						
S.R. Hundi	318	315	309	300	294	309
Varakodu	205	206	208	208	212	207
Kodakola	302	303	303	304	297	302
Varuna	151	154	146	149	146	150
Udboor	423	417	403	407	409	412
Average	280	279	274	273	271	276
District average	272	273	270	263	262	269
All centres' average	305	390	295	299	300	300

There were, on an average, 300 beneficiaries who collected the food supplement in each sub-centre. The variation was from 970 in Hirebagewadi to 106, in Uchagaon, both in Belgaum district. For the district as a whole, Gulbarga had a greater number of beneficiaries per centre, and the average for the district was 408 as compared to 264 in Dakshina Kannada district, 302 in Mysore district and 310 in Belgaum district.

Normally there should be 52 distribution weeks in a year. But the information collected from the selected distribution centres revealed that the average number of weeks during which distribution was done was 47 or 84.6 percent of the normal. The position in each of the selected distribution centres was as provided in Table-11.

Table-11

Actual number of weeks when distribution  
was done in 1977

Belgaum District	Actual number of weeks when distribution was done	Percentage to normal
<u>Uchagaon</u>		
Aste	51	98.1
Uchagaon	52	100.0
Marihal	41	78.8
Honaga	47	90.3
Kalkamba	47	90.4
Kalkate	43	82.7
Changon	38	73.1
Centre's average	44	84.6
<u>Hirebagewadi</u>		
Hirebagewadi	41	78.9
Mutnal	44	84.6
Peeranwadi	36	69.2
Centre's average	41	78.9
<u>Naganoor</u>		
Naganoor	51	98.1
Tigadi	36	69.2
Wakundi	35	67.3
Vannur	35	67.3
Centre's average	40	76.9
<u>Kittoor</u>		
Kittoor	52	100.0
Ambidayatte	52	100.0
Balwadi	52	100.0

Table - 11 (Contd.)

1	2	3
Centre's average	52	100.0
District average	46	88.5
<u>Dakshina Kannada</u>		
<u>Suratkal</u>		
Suratkal	51	98.1
Hosabettu	45	86.5
Mulki	49	94.2
Haleangudi	51	98.1
Centre's average	49	94.2
<u>Ullal</u>		
Ullal	52	100.0
Talapadgi	36	69.2
Mannar	40	76.9
Jeppinomoraru	52	100.0
Centre's average	46	88.5
<u>Kota</u>		
Giliyar	52	100.0
Manoor	46	88.5
Kotathattur	52	100.0
Bannady	52	100.0
Karkala	51	98.1
Pandeshwar	52	100.0
Centre's average	51	98.1
<u>Brahmevara</u>		
Varamballi	45	86.5
Uppoor	40	76.9

Table - 11 (Contd.)

1	2	3
Karje	46	88.5
Kunjal	52	100.0
Kokkerne	36	69.2
Chantar	15	28.9
Havanje	35	67.3
Centre's average	39	75.6
District average	47	90.4
<u>Gulbarga district</u>		
<u>Narone</u>		
Narone	43	82.7
Kamalanagar	37	71.2
V.K. Salayar	28	53.9
Lalmugli	23	44.2
Rudravadi	38	73.1
Centre's average	38	73.1
<u>Madanahippurge</u>		
Madanahippurge	44	84.6
Kaegarchi	26	50.0
Centre's average	36	69.2
<u>Farhatabad</u>		
Kirangi	44	84.6
Tilgur		84.6
Hogargundi	17	32.7
Farhatabad	44	84.6
Belsardgi	34	65.4
Centre's average	39	75.0

Table - 11 (Contd.)

1	2	3
<u>Kamalapur</u>		
Kamalapur	40	76.9
Mahagaon	36	69.2
Centre's average	38	73.1
District average	38	73.1
<u>Mysore district</u>		
<u>Chamarajanagar</u>		
Udigala	39	75.0
V. Chatra	49	94.2
Yanganahalli	29	55.8
Basavapura	48	92.3
Kothalwadi	40	76.9
Arakalawadi	39	75.0
Centre's average	41	78.9
<u>Ummattur</u>		
Ummattur	36	69.2
Galipur	38	73.1
Har-ve	21	40.4
Kuderu	38	73.1
Centre's average	34	65.4
<u>Elwal</u>		
Elwal (A)	52	100.0
Elwal (B)	51	98.4
Belwadi	46	88.5
Kallur	48	92.3
Jayapura (A&B)	52	100.0
Hoskote	51	98.1

Table - 11 (Contd.)

1	2	3
Centre's average	50	96.2
<u>S.R. Hundi</u>		
S.R. Hundi	52	100.0
Varakodu	52	100.0
Kadakola	52	100.0
Varuna	52	100.0
Udboor	52	100.0
Centre's average	52	100.0
District average	46	88.5
All centres average	44	84.6

Considering the districts as a whole, it was seen that, Dakshina Kannada district had the maximum number of distribution weeks during the entire year. The percentage to normal being 90.4. In other districts it was 88.5 (Belgaum), 86.5 (Mysore) and 73.1 (Gulbarga).

Of the 73 distribution centres, in 31 distribution centres, i.e., 12 in Mysore district, 11 in Dakshina Kannada district and 8 in Belgaum district, the number of actual distribution weeks was more than 90 percent of the normal. In the remaining 42 centres this percentage varied between 29 (Chantar in Dakshina Kannada district) and 89 (Mannur and Karje in Dakshina Kannada district and Belwadi in Mysore district). In general, the lowest number of distribution weeks in all the distribution centres was in Gulbarga district, the maximum percentage being 85 and minimum 35, of the normal.

Measure of dispersion:

Taking into consideration the number of distribution weeks given in Table-12 and the number of beneficiaries collecting the food supplement during each week, a measure of dispersion was worked, computing the co-efficient of range and the modal value for each of the sub centres selected for the study, in order to know the extent to which the number responding for the programme fluctuated during the year 1977. The highest and the lowest number of beneficiaries, modal class and the co-efficient of range for each of the sub centre was as provided in Table-12.

Table-12Co-efficient of range

Centres	Number of beneficiaries		Modal class	Co-efficient Range
	Highest	Lowest		
1	2	3	4	5
<u>Belgaum district</u>				
<u>Uchagaon</u>				
Uchagaon	137	104	113	.14
Marihal	155	75	113	.35
Kalklamba	454	128	413	.56
Honage	286	104	188	.47
Aste	278	82	113	.54
Kakate	288	27	188	.83
Chandgad	260	42	113	.72
All sub centres	454	27	113	.89



Table - 12 (Contd.)

1	2	3	4	5
<u>Hirebagwadi</u>				
Hirebagwadi	970	220	863	.63
Peeranawadi	235	208	188	.51
Mutnal	332	117	263	.48
All sub centres	970	117	188	.79
<u>Naganoor</u>				
Naganoor	320	118	263	.46
Vannar	212	50	187	.62
Wakkudi	320	42	263	.77
Tigadi	390	119	263	.53
All sub centres	390	50	263	.77
<u>Kittoor</u>				
Kittoor	964	100	863	.81
Ambidagatte	964	100	863	.81
Balawadi	964	100	863	.81
All sub centres	964	100	863	.81
All Primary Health Centre	970	27	113	.95
<u>Dakshina Kannada District</u>				
<u>Suratkal</u>				
Iddya	597	318	563	.31
Hosabettu	298	195	263	.21
Mulki	599	230	563	.45
Haleangady	200	172	188	.08
All sub-centres	599	172	563	.55

Table - 12 (Contd.)

1	2	3	4	5
<u>Ullal</u>				
Mannur	675	161	413	.62
Talapadi	165	62	113	.45
Jeppinamogaru	599	285	488	.36
Ullal(Hq.)	253	164	188	.21
All sub-centres	675	62	188	.83
<u>Brahmavar</u>				
Varamballi	329	135	263	.42
Kanjai	265	87	188	.50
Karje	159	60	113	.45
Kokkarne	230	67	188	.55
Havanje	199	71	188	.47
Uppoor	325	112	188	.49
Chanthar	230	104	113	.38
All sub-centres	329	67	188	.66
<u>Kota</u>				
Giliyer	194	129	188	.20
Manoor	300	230	263	.13
Kotathata	371	101	338	.57
Banady	292	230	263	.12
Karkada	224	224	224	-
Pandeshwar	212	105	188	.34
All sub-centres	371	101	263	.57
All Primary Health Centres	675	60	188	.84

Table - 12 (Contd.)

1	2	3	4	5
<u>Gulbarga District</u>				
<u>Narona</u>				
Narona	704	704	713	0
Rudravadi	263	225	263	.08
Ladmugli	520	300	413	.27
V.K.Salgar	252	136	188	.30
Kamalanagar	450	270	488	.25
All sub-centres	704	136	263 X 489 X 713 X	.68
<u>Madanahippur</u>				
Madanahippur	532	129	413	.61
Kadaganchi	690	276	488	.43
All sub-centres	690	129	413	.69
<u>Farhatabad</u>				
Farhatabad	440	176	413	.43
B. Saradgi	176	132	188	.14
Kirangi	396	209	413	.31
Tilgul	309	132	180	.23
Hagargundi	1110	352	413	.52
All sub-centres	1110	132	188	.79
<u>Kamalapur</u>				
Kamalapur	972	160	338	.72
Mahagaon	808	480	563	.26
All sub-centres	972	160	638	.72

Table - 12 (Contd.)

1	2	3	4	5
All Primary Health Centres	1110	129	413	.79
Study Area	1110	129	413	.79
<u>Mysore district</u>				
<u>Chamarajanagar</u>				
Kothalvady	308	176	263	.27
Basavapura	300	170	263	.28
Yanganahalli	196	132	188	.20
V. Chatra	265	140	263	.31
Arakalwadi	306	240	263	.12
Udigala	243	132	188	.30
Centre Total:	308	132	263	.40
<u>Ummatur</u>				
Galipura	592	538	563	.05
Ummatur	226	211	188	.03
Harve	660	253	488	.45
Kuduru	385	305	413	.11
Centre Total:	592	211	563	.47
<u>Elwal</u>				
Elwal	428	313	338	.16
Hinkal	160	89	113	.29
Kallur	399	264	338	.20
Jaipur (A)	182	108	188	.26
Jaipur (B)	527	282	263	.73
Sagarakatte	251	236	263	.03
Centre Total:	527	82	133	.73
			338	

Table - 12 (Contd.)

1	2	3	4	5
<u>S.R.Hundi</u>				
S.R. Hundi	449	184	263	.42
Varakadu	253	172	188	.19
Kodukola	352	264	263	.14
Varuna	160	119	188	.15
Udbooru	456	228	413	.33
Centre total:	456	119	188	.53
District Total:	660	82	188	.78
			263	
Study Area	1110	27	188	.95

Of the 73 sub-centres, the co-efficient of range was more than .5 in 20 centres and varied between .51 (peeran wadi-Belgaum district) and .81 (Kittoor - Belgaum district). For primary health centres as a whole, the co-efficient of range was high in 14 out of 16 centres selected for the study. For the entire study area the co-efficient was as high as .95.

The high co-efficient of dispersion of the number of beneficiaries among the sub-centres was attributable to the variation in the number of beneficiaries collecting food supplement during each week in the year. In the case of the primary health centres, it is attributable mainly to the variation in the number of beneficiaries collecting the food supplement and partly to the varying targets fixed for sub-centres, within the area covered by the primary health centres.

Index of response

Taking into account the actual number of beneficiaries who collected the food supplement during each week, an index has been constructed, to study the trend in the response during each week, by comparing the same with the average response over the entire period which was taken as 100. An overall position for each of the 4 districts selected for the study is provided in figures I to IV.

The response was fluctuating in Gulbarga district, the fluctuations being wide and frequent. In all the other districts, the response was low during the period of agricultural operations, which is but natural in rural areas. The response in Dakshina Kannada district was more steady than in Mysore and Belgaum districts. Belgaum district also recorded considerable fluctuation, the response moving away from the normal in quite a few weeks.

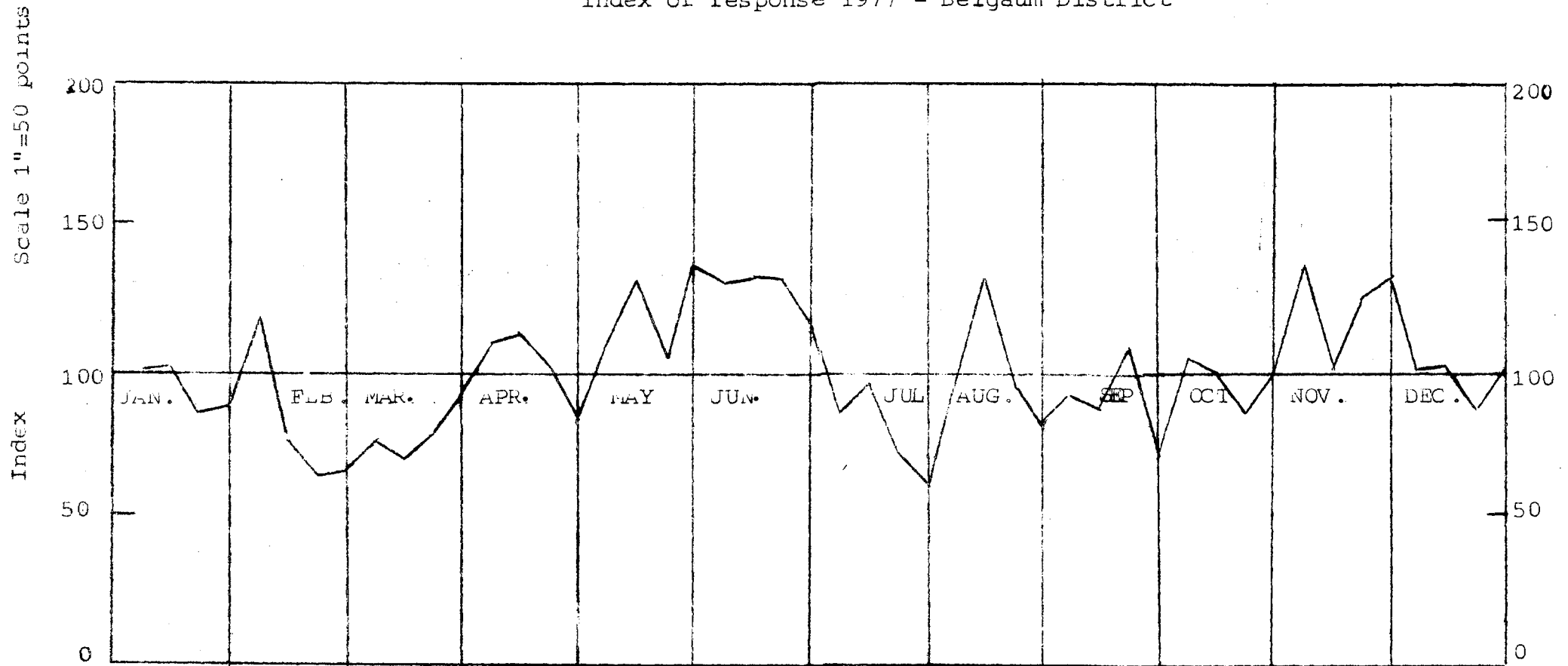
In order to study the trend within the district selected for the study, similar index has been constructed for each of the sixteen primary health centres and the presentation of the same is given in Appendix-III (Figures 1 to 16) & IV. An analysis for each of the sub-centres is also provided in Appendix IV -A.

Quantity of food supplement collected:

Information on the quantity of food supplement collected by the children was obtained from the selected centres for 1976 and 1977. The total quantity collected,

Figure-I

Index of response 1977 - Belgaum District



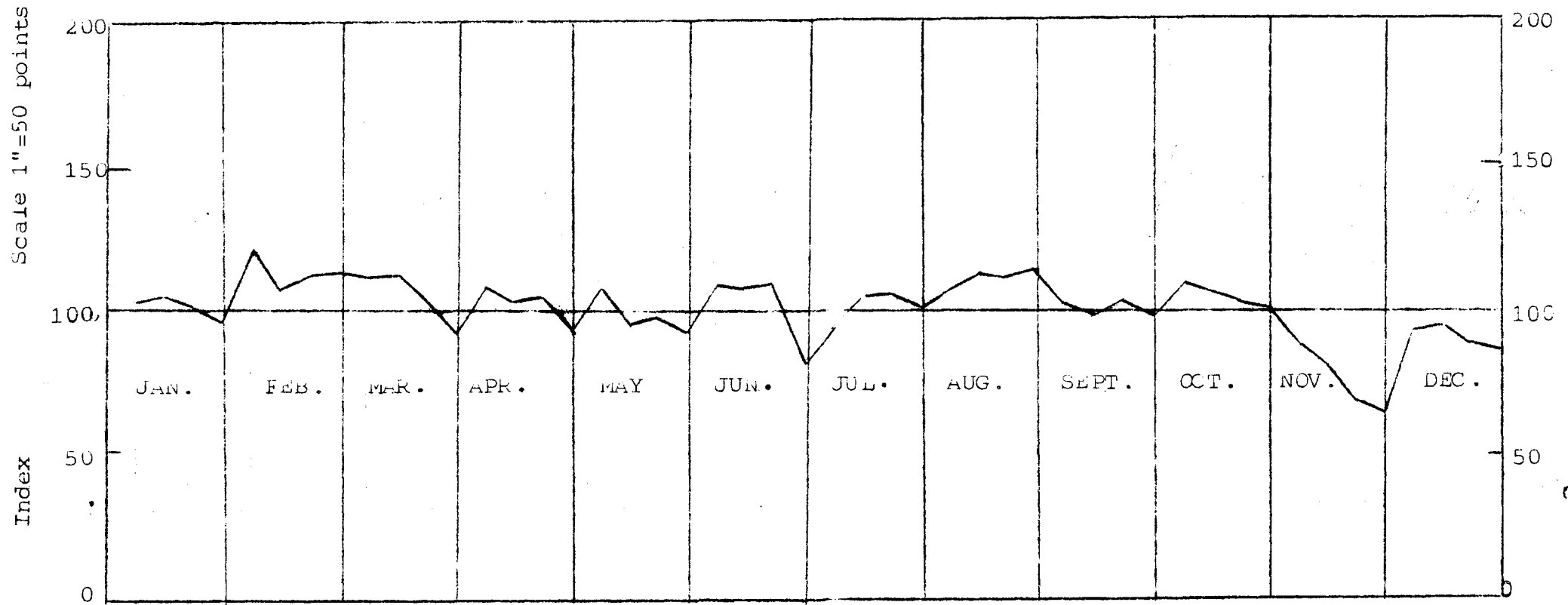
Sh.D.  
B.E.&S.

month/week

Scale. 1"=4 weeks

Figure-11

Index of response 1977 - Dakshina Kannada District



J.D.  
R.A.&S.

Month/week

Scale.8"=4 weeks



Figure-III

Index of response 1977 - Gulbarga District

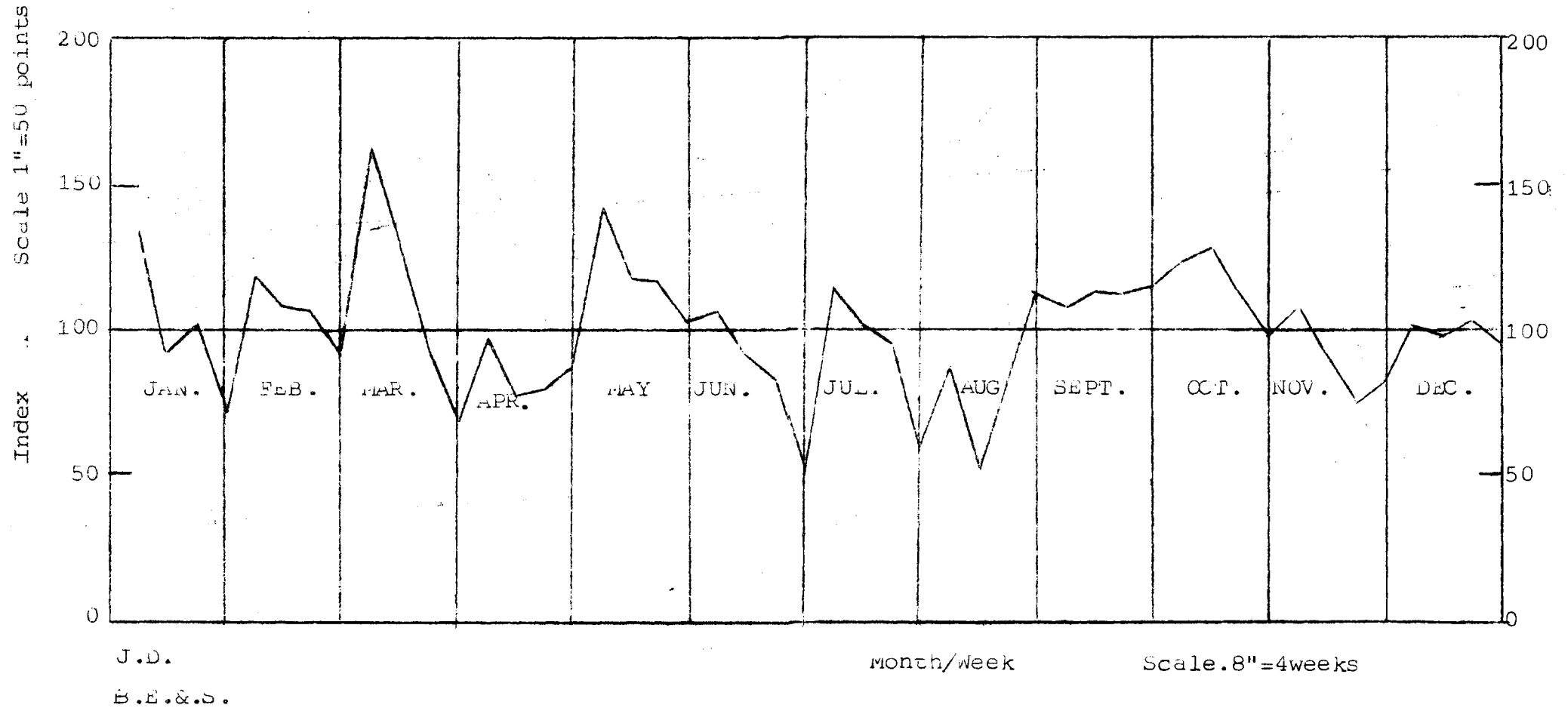
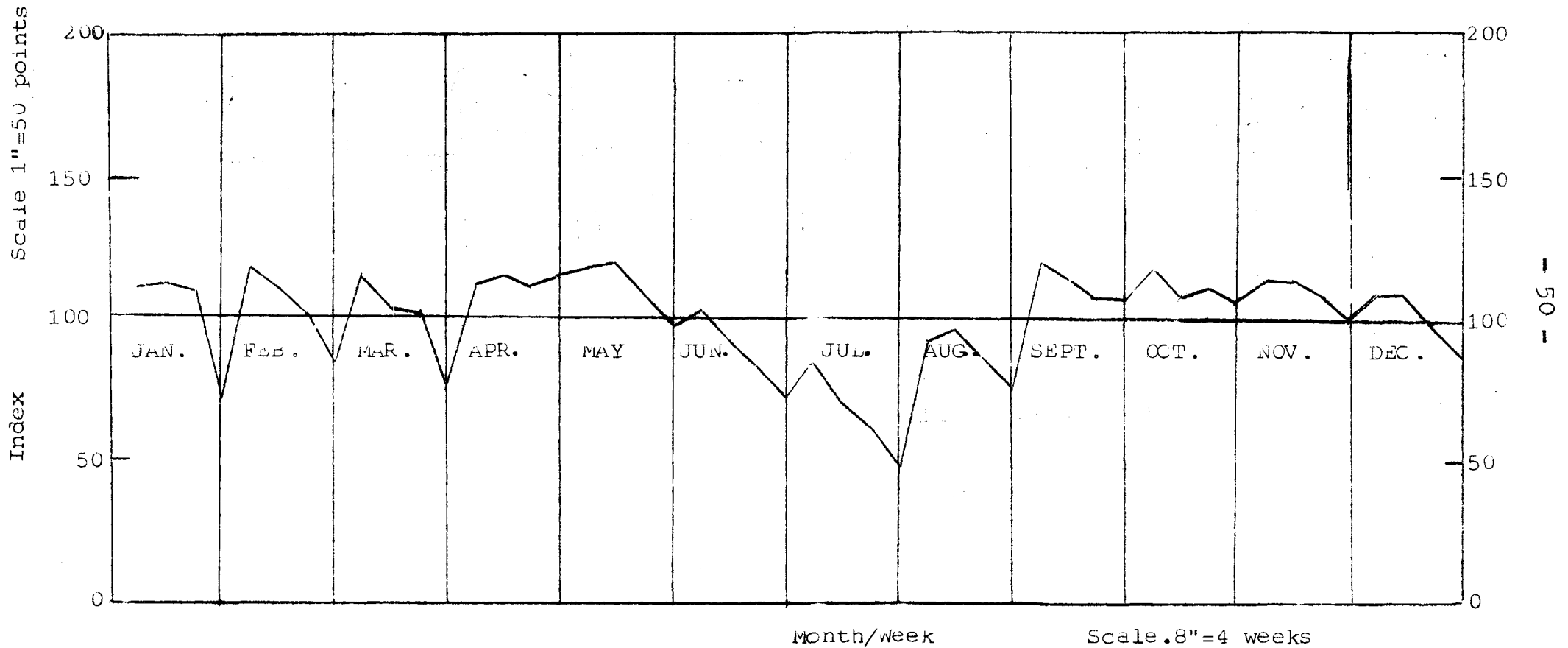


Figure-IV

Index of response 1977 - Mysore District



J.D.  
B.B.&S.

as against the supply made by CARE, was as given in table-13.

Table-13  
Supply of food supplement by CARE and  
quantity collected by beneficiaries

Primary Health Centre	Food supplement (Qt.)						Percentage collected		
	Supplied			Collected			1976	1977	Total
	1976	1977	Total	1976	1977	Total			
1	2	3	4	5	6	7	8	9	10
<u>Belgaum District</u>									
Uchagaon	240	270	510	135	315	450	56	117	88
Hirebaga - wadi	100	360	460	178	280	458	178	78	100
Naganoor	100	270	370	105	201	306	105	74	83
Kittoor	100	245	345	382	521	903	382	213	262
Total:	540	1145	1685	800	1317	2117	148	85	115
<u>Dakshina Kannada District</u>									
Suratkal	513	360	873	402	436	838	78	121	96
Ullal	301	320	621	146	295	441	49	92	71
Brahnavar	376	140	516	323	270	593	86	193	115
Kota	481	320	801	414	398	812	86	124	101
Total:	1671	1140	2811	1285	1399	2684	77	125	96
<u>Gulbarga District</u>									
Narona	437	360	797	358	404	762	82	112	96
Madanahi-pperje	216	180	396	180	185	365	83	103	92
Farhatabad	300	270	570	254	308	562	85	114	99

Table - 13 (Contd.)

1	2	3	4	5	6	7	8	9	10
Kanhalapur	288	360	648	234	244	478	81	68	74
Total:	1241	1170	2411	1026	1141	2167	83	98	90
<u>Mysore District</u>									
Chamarajana- nagar	464	295	759	393	322	715	85	109	94
Umnatur	345	270	615	314	299	613	91	111	100
Elwal	414	335	749	361	402	763	87	120	102
S.E. Hundi	315	320	635	328	402	730	104	126	115
Total:	1538	1220	2758	1396	1425	2821	91	117	102
All centres	4990	4775	9665	4507	5283	9789	90	111	101

The supply and distribution of food supplement over the period of two years showed that, as against the total quantity of 966.5 tonnes supplied, 978.9 tonnes or 101 percent had been distributed in the centres selected for the study. The district averages reveal that the distribution was more than 90 percent in all the 4 districts selected for the study. The breakup for the individual years reveals that the distribution was much better during 1977 than during 1976.

The primary health centres selected for the study accounted for 53 percent of the total quantity of food supplement supplied by CARE for distribution, whereas the targetted beneficiaries for the same area was 50.2 percent of the total number fixed for the entire programme area.

Of the total quantity of 5283 quintals of food supplement distributed during 1977, it was seen that on an average 440 quintals was distributed per month, in the four districts selected for the study. As compared to this monthly overall average, the monthly average distribution was above the overall average in Mysore, Dakshina Kannada and Belgaum districts by 7 percent, 6 percent respectively, while in Gulbarga and Belgaum districts, it was less by 14 percent and .02 percent respectively. The total quantity distributed monthly in each of the four districts was as provided in Table-14.

Table-14

Monthly distribution of food supplement - 1977

Month	(Quintals)				
	Belgaum	Dakshina Kannada	Gulbarga	Mysore	Total
January	97.4	111.8	90.4	115.3	414.9
February	83.7	121.1	94.6	121.7	421.1
March	98.7	129.3	112.8	123.4	464.2
April	108.8	116.2	81.6	133.2	441.7
May	110.6	109.2	110.7	129.7	460.2
June	139.6	125.0	84.4	109.6	458.6
July	86.9	118.3	84.9	73.9	364.0
August	108.4	128.2	80.8	102.3	418.5
September	109.0	121.8	106.9	132.8	470.5
October	102.4	117.2	106.6	127.7	454.3
November	137.0	91.2	91.7	132.8	452.8
December	114.3	107.4	95.7	122.3	439.7
Average	109.8	116.6	95.1	118.7	440.1

Considering the total quantity distributed during each month in the entire selected area, it was found that the distribution was lowest during **July 1977**, being 17 percent lower than the overall average of 440 quintals per month. During January 77 and August 77 it was lower by 6 percent and 5 percent. During 5 months, the monthly distribution was below the average.

The share of each district in the total quantity distributed was: Belgaum-25 percent, Dakshina Kannada-27 percent, Gulbarga-21 percent and Mysore-27 percent. The distribution of food supplement over a period of 12 months was below the respective district average in 8 months in Belgaum district 5 months in Dakshina Kannada district, 7 months in Gulbarga district, 5 months in Mysore district. The details for each of the primary health centres within the district are provided in Appendices V to IX.

The highest and lowest quantity distributed per month was 140 and 84 quintals respectively in Belgaum district, 129 and 91 quintals in Dakshina Kannada, 113 and 82 quintals in Gulbarga District, and 133 and 74 quintals in Mysore District.

#### Total requirement of food supplement

As pointed out earlier, the Poshak Programme was under operation in some areas of the 8 districts selected for the implementation of the programme. If full coverage were desired covering all the eligible children in the rural areas of the state, the total requirement will be as given in Table-15.

Table-15

Total requirements of rood supplement for the state.

District	Requirement in tonnes
<u>A. Programme area</u>	
1. Belgaum	12523.3
2. Bidar	4413.9
3. Bijapur	10125.1
4. Chickmagalur	4182.3
5. Dakshina Kannada	10046.9
6. Gulbarga	8480.0
7. Hassan	6264.3
8. Mysore	9541.7
Total (A)	<u>65577.5</u>
<u>B. Non Programme area</u>	
1. Bangalore	9444.2
2. Bellary	5139.8
3. Chitradurga	7210.4
4. Dharwad	10824.7
5. Kodagu	2102.4
6. Kolar	7281.6
7. Mandya	6418.5
8. Raichur	7702.4
9. Shimoga	7155.5
10. Tunkur	8823.4
11. Uttar Kannada	4465.6
Total (B)	<u>76568.5</u>
State (A+B)	142146.0

Considering the programme area itself, to extend the scheme to all eligible children, the total requirement will be 65578 tonnes. As against this requirement, the actual distribution accounted for 7 percent during 1976 and 8 percent during 1977. However, for the entire state the total requirement of the food supplement will be 1.42 lakh tonnes per year (as at the end of 1977) and the present coverage account for only .32 percent in 1976 and .38 percent in 1977. Therefore, the programme comes out as a nominal effort to meet the needs of the vulnerable sections in the rural areas.

Even if the area actually covered by the programme is taken into consideration, the information collected reveals that a wide gap still exists between the actual supply and the total requirement of the food supplement. The details are provided in Table-16.

Table-16

Total requirement and supply in the area covered by the programme - 1977

(in quintals)			
District/ Primary Health Centre	Total re- quirement	Actual supply	Gap as percentage
1	2	3	4

(A) Study area

Belgaum district

Uchagaon	138.85	27.00	80.6
Hirebagewadi	76.27	36.00	52.8
Naganoor	106.93	27.00	74.8



Table - 16 (Contd.)

1	2	3	4
Kittoor	107.63	24.50	77.2
Total:	429.68	114.50	73.4
<u>Lakshina Kannada district</u>			
Suratkal	245.16	36.00	85.3
Ullal	191.73	32.00	82.3
Brahmavar	210.44	14.00	93.4
Kota	87.07	32.00	63.3
Total :	734.40	114.00	84.5
<u>Gulbarga</u>			
Narona	64.39	36.00	44.1
Madanahipparg	56.97	18.00	68.4
Farhatabad	100.04	27.00	73.0
Kanalapur	61.41	36.00	41.4
Total:	282.81	117.00	58.6
<u>Mysore</u>			
Chamarajanagar	85.38	29.50	65.5
Ummatur	69.20	27.00	61.0
Flwal	51.25	33.50	34.6
S.R. Hundi	67.10	32.00	52.3
Total	272.93	122.00	55.3
Total (A)	1719.82	467.50	72.8
<u>(B) Non study area</u>			
<u>Bidar district</u>			
Chillargi	84.21	18.00	78.6
Janwad	48.68	9.00	81.5
Santapur	24.94	18.00	27.8
Kamalanagar	60.24	27.00	55.2
Total:	218.07	72.00	67.0

Table - 16 (Contd.)

1	2	3	4
<u>Bijapur District</u>			
Indi	194.76	26.00	86.7
Chandchan	108.86	27.00	75.2
Almel	155.40	27.00	82.6
Kalkeri	116.25	36.00	69.0
Total:	575.27	116.00	79.8
<u>Chickmagalur district</u>			
Mallandur	47.60	18.00	62.2
Nidagatta	31.13	36.00	-
Koppa	61.03	18.00	70.5
Hirenallur	19.62	36.00	-
Total:	159.38	108.00	32.2
<u>Hassan district</u>			
Salagame	36.79	36.00	2.2
Ankapura	57.82	18.00	68.9
Udayapura	52.15	23.00	55.9
Mattinavile	77.79	36.00	53.7
Total:	224.55	113.00	49.7
Total (B)	1177.27	409.00	65.3
Grand Total (A+B)	2897.09	876.50	69.8

The gap between total requirement and actual supply, in the areas of the 32 primary health centres covered by the programme, was as high as 70 percent. This meant only 30 percent of the total requirement had been met by CAPF food distribution. The gap was higher in the areas selected for

the study (73 percent) than in the other four districts (65 percent).

In the area studied, the gap was as high as 85 percent in Dakshnina Kannada district, followed by 73 percent in Belgaum district, 59 percent in Gulbarga district and 55 percent in Mysore district. In the rest of the area under the programme, the gap was 80 percent in Bijapur district, 70 percent in Hassan district, 67 percent in Bidar district and 32 percent in Chickmagalur district.

Among the 16 primary health centres selected for the study, the gap was more than 80 percent in four primary health centres, it was above 50 percent but less than 80 percent in nine primary health centres and less than 50 percent in the remaining three primary health centres. In the other sixteen primary health centres, the gap was more than 80 percent in three centres, more than 50 and less than 80 percent in nine centres and less than 50 percent at two centres and nil gap at two centres.

Administration :

Staff :

The work of distribution of food supplement was entrusted to auxillary nurse-cum-mid-wives. The distribution work was supervised by the medical officers of health of the primary centres.

Equipment :

The required equipments like weighing scales, measuring cups, beneficiary cards, growth charts, health education material, etc., had been supplied by the CARE autho-

rities to the primary health centres. Since there were quite a few sub-centres in each of the primary health centre, the required number of weighing scales were not available in some sub-centres. Facilities provided are given in the Appendix - X.

Storage :

The food supplement was stored in the primary health centre building itself either in a room or kitchen room or the residential quarters of the medical officers.

Transportation :

The transportation of food supplement from the primary health centres to sub-centres was done by the departmental vehicles to the extent possible.

Expenditure :

Some expenditure had been incurred for transportation of food supplement and the monthly expenditure varied from Rs.9 to 279/- per month. This expenditure was mainly due to the transportation of food supplement to the sub-centres which were not generally approachable by departmental vehicles.

Problems :

Three problems, connected with the physical aspects, were observed.-

1) There were cases where the food material was damaged due to either wetting during transportation or moisture in the storage godowns, especially in the coastal region. Proper storage space was lacking in some primary

health centres and hence shift arrangements had been made. Also there were no stocking benches, with a result that bags kept on the ground got damaged due to floor moisture seeping in. Some bags had also got wet, during transport in the trucks or transshipment from the trucks to the storage places, especially during rainy season, in the coastal area.

2) No provision had been made to meet transport charges from the primary health centre to the distribution sub-centres. If it was not done by the vehicle of the primary health centre, the expenses were expected to be defrayed by the sale of bags. Many of the bags were damaged by rodents, etc., and did not get reasonable prices. Also the money realised was not sufficient to meet the transportation charges, especially when the material had to be carried by carts and head-load over considerable distances.

3) Considerable work was involved in measuring and distribution, as well as, in maintaining records of the stocks and of individual beneficiaries. No assistance of any type had been provided to the auxiliary nurse-cum-mid-wives, who were distributing the material, and this was stated to come in the way of attending to the health services.

CHAPTER-VBENEFICIARY SURVEY

The beneficiary survey was conducted in order to ascertain the impact of the programme. The parent or the guardian of the beneficiary was interviewed. Eight to ten beneficiaries were interviewed, at random, in each of the Primary Health Centre for this purpose. The number of primary health centres covered was eight, two in each of the four districts selected for the study. The findings of the survey are presented below.

Number of distribution centre covered:-

There were 2 to 7 distribution centres in the areas selected for the study. In other programme areas, the number of such distribution centres varied from 2 to 17. For the purpose of the survey between two and six distribution centres were visited, in each of the eight primary health centres selected for the survey.

The distance of the distribution centres from the main centre varied from 0.1Km. to 15Kms.

Household informationAge and sex composition of the beneficiaries:-

The information on the age of the beneficiary and the sex composition was as given in table-17.

Table-17  
Age and Sex Composition of the Beneficiaries

(in percentage to total)

Age groups (years)	Male	Female	Total
Below 1	2.5 (33.3)	5.4 (66.7)	3.9 (100.0)
1 - 2	10.0 (40.0)	16.2 (60.0)	13.0 (100.0)
2 - 3	17.5 (53.9)	16.2 (46.1)	16.9 (100.0)

Age groups (years)	Male	Female	Total
3 - 4	25.0 (33.3)	24.4 (66.7)	24.6 (100.0)
4 - 5	27.5 (61.1)	18.9 (38.9)	23.4 (100.0)
5 - 6	17.5 (50.0)	18.9 (50.0)	18.2 (100.0)
Total	100.0 (52)	100.0 (48.0)	100.0 (100.0)

Fifty two percent of the total number of beneficiaries interviewed were males and 48 percent females, while 62 percent of the females interviewed were less than 4 years of age, in the case of males the percentage was 55. There were no cases of beneficiaries exceeding 6 years of age.

Size of the household:-

The distribution of the household of the beneficiaries according to its size was as provided in table-18.

Table-18  
Size of the household of the beneficiary

Size of the household (persons)	Percentage distribution in				Aver- age
	Belgaum	Dakshina Kannada	Gulbarga	Mysore	
1-2	-	-	-	-	-
3-4	5.6	15.8	30.0	-	13.0
5-6	33.3	52.6	30.0	50.0	41.5
7-8	50.0	21.1	30.0	35.0	33.8
9-10	-	-	10.0	5.0	3.9
11-12	11.1	10.5	-	10.0	7.3
Total	100.0	100.0	100.0	100.0	100.0

In the area covered by the survey, 75 percent of the households consisted of 5 to 8 persons and the average size of the household was 6.6 persons. In Dakshina Kannada and Mysore districts 50 percent of the house-holds were in the size group between 5 and 6 persons while in Belgaum district 50 percent were in the size group between 7 and 8. In Gulbarga district 40 percent were in the size group between 7 and 10 persons. The average size of the household was 7.2 person in Belgaum district, 6.4 person in Dakshina Kannada district, 6.0 person in Gulbarga district and 6.9 person in Mysore district. The maximum and minimum size of the households in these districts was 4 and 12, 4 and 12, 3 and 10, 5 and 12 respectively.

The age of the parents of the beneficiaries was as presented in table-19.

Table-19  
Age of the parents of beneficiaries  
(percentage to total)

Age group	Father	Mother	Total
10-20	-	1.3	0.7
20-30	9.6	52.7	31.3
30-40	53.4	39.2	46.2
40-50	30.1	6.8	18.4
50-60	6.9	-	3.4
Total	100.0	100.0	100.0

Of the mothers 60 percent were below 30 years of age, as against 10 percent in the case of fathers. The average age of the mothers was 29 years and that of the fathers 37 years.



Occupation and income:-

The occupation groups in which the parents of the beneficiaries were employed and the average monthly income was as given in table-20.

Table-20  
Occupation pattern of the parents of beneficiaries

Occupation		Number of persons (percent to total)				Average
		Belgaum	Dakshina Kannada	Gulbarga	Mysore	
Agriculture	F	37.5	10.6	44.5	64.7	39.1 } 41.0
	M	60.0	50.0	25.0	57.2	
Salaried Employment	F	6.2	36.8	22.2	23.5	23.2 } 17.1
	M	20.0	8.3	-	-	
Self Employment	F	43.8	36.8	11.1	11.8	26.1 } 19.0
	M	20.0	8.3	-	-	
Labour/ Coolies	F	12.5	15.8	22.2	-	11.6 } 22.9
	M	-	33.4	75.0	42.8	
Total	F	100.0	100.0	100.0	100.0	100.0 } 100.0
	M	100.0	100.0	100.0	100.0	

F = Father    M = Mother

The main occupation of the families was agriculture, accounting for 41 percent, while 23 percent were labourers or coolies. Self-employment in carpentry, stone dressing, petty shops, hotels, fish vending, etc. accounted for 19 percent and salaried positions like peons, post-man, police-constable, mid-wife, etc. accounted for 17 percent. Among the districts, except for Dakshina Kannada district, the majority of the men folk were engaged in agriculture. In Dakshina Kannada district, they were employed as salaried persons or self employed. As regards woman folk, except in Gulbarga district, a majority were also employed in agriculture, mostly as labourers, while in Gulbarga they were employed as coolies.

The information on the average income of the parents of the selected beneficiaries was as given in table-21.

Table-21  
Average income of parents of beneficiaries  
(Rupees)

District		Agri- culture	Salaried employ- ment	Self employ- ment	Labour	Average
Belgaum	F	268	350	221	75	229
	M	63	450	120	-	133
	A	200	400	209	75	206
Dakshina Kannada	F	150	302	206	82	216
	M	50	350	60	78	85
	A	75	308	188	79	165
Gulbarga	F	150	295	150	118	175
	M	70	-	-	61	63
	A	128	295	150	78	130
Mysore	F	150	375	125	-	200
	M	44	-	-	-	35
	A	122	375	125	-	156
Average	F	177	322	198	108	208
	M	55	400	90	58	77
	A	131	330	186	75	163

F = Father, M = Mother, A = Average

The average individual income of the parent was Rs.163/- per month per parent, average income of the father being Rs.208/- and that of the mother Rs.77/- per month. When the average income per parent was analysed by occupation group, in the salaried group, it was Rs.330/- per month which in all other groups it was much less. It was Rs.186/- in the case of the self employed, Rs.133/- in agriculture and Rs.75/- in labour.

Since in some households both father and mother were working while in others only one of them, monthly average income of the household was estimated and the distribution of the household of the beneficiary, according to household income, was as provided in table-22.

Table-22Average income of the household of the beneficiaries

(percentage)

Average income groups	Percentage number of households				All Centres
	Belgaum	Dakshina Kannada	Guibarga	Mysore	
0-100	11.8	5.3	-	5.5	5.4
100-200	23.5	26.3	50.0	55.6	39.1
200-300	35.3	36.8	30.0	16.7	29.7
300-400	17.6	15.8	15.0	11.2	13.5
400-500	-	-	5.0	5.5	4.1
500-600	5.9	10.5	-	5.5	5.4
600-700	-	5.3	-	-	1.4
1000-1100	5.9	-	-	-	1.4
Total	100.0	100.0	100.0	100.0	100.0

In the case of household incomes, 74 percent of the households of the beneficiaries had an average <sup>monthly</sup> income below Rs.300/- fourteen percent had income between Rs.400-500 and the remaining 12 percent more than Rs.500/- per month. A similar pattern of distribution was also observed in the individual districts selected for the study.

Level of education:-

The level of education of the parents was as given in table-23.

Table-23  
Level of education of the parents of the beneficiaries

		(number)						Percentage	
standard		Mother							
		Nil	1-2	3-4	5-6	7-8	9-10	Total	
Father	Nil	31	-	2	-	1	1	35	47.3
	1-2	2	-	-	-	-	-	2	2.7
	3-4	4	1	3	1	-	-	9	12.1
	5-6	6	-	1	-	-	-	7	9.5
	7-8	7	1	1	2	1	1	13	17.5
	9-10	4	-	-	-	1	1	6	8.1
	PUC	1	-	-	-	-	-	1	1.4
	Graduates	-	-	-	-	-	1	1	1.4
	Total	55	2	7	3	3	4	74	*
	Percentage	74.3	2.7	9.4	4.1	4.1	5.4	-	100.0

Both the parents had no education in the case of 43 percent of the beneficiaries. Further analysis revealed that 74 percent of the mothers and 47 percent of the fathers did not have any education. In 20 percent of the cases both of them were educated. Twenty eight percent of the fathers had education upto 7th standard and above, which only 10 percent of the mothers were educated upto 7th standard above. Both the parents were educated upto 7th standard and above in 7 percent of the cases.

#### CONSUMPTION OF FOOD SUPPLEMENT

Since the programme was confined to the children in the age group of 0-6 years, the pattern of consumption of food supplement was ascertained. It was seen that in 23 percent of the cases the food supplement was fed as supplement to

breast feeding and in remaining case it was supplemented by home diet. The time of consumption was either morning or evening or both, when consumed more than once a day. Except in Dakshina Kannada, where it was consumed mostly in the form of porridge (gruel), it was generally consumed in the form of 'Uppittu'. It was consumed in the form of porridge, mostly in the case of infants.

The type of home diet was generally, jowar 'roti' in Belgaum and Gulbarga districts, rice in Dakshina Kannada and rice and ragi 'roti' or 'balls' in Mysore. It was consumed twice a day in 45 percent of the cases and thrice a day in 55 percent of the cases.

Generally, the food supplement was to be consumed once a day but the actual situation in the case of beneficiaries studied was as provided in table-24.

Table-24  
number of times in a day that the supplement was consumed  
(percentage)

District	Number of times per day		
	Once	Twice	Thrice
Belgaum	66.7	33.3	-
Dakshina Kannada	63.2	36.8	-
Gulbarga	35.0	50.0	15.0
Mysore	90.0	10.0	-
Average	63.6	32.5	3.9

There were instances, when the food supplement was consumed more than once a day. The incidence was as high as 65 percent in Gulbarga district, 37 percent at Dakshina Kannada district, 33 percent at Belgaum district and 10 percent at Mysore district.

Feeding thrice a day was reported only in Gulbarga district, in 15 percent of the cases.

In Mysore district alone the consumption pattern was generally according to that prescribed, that is in 90 percent of the cases, as compared to the overall average of 64 percent. The food supplement was fed by the mothers in almost all cases. In a few cases either the grand mother or the elder sibling fed the child.

The food supplement should last for all the seven days in a week. But the actual number of days it was used was as shown in table-25.

Table-25  
Number of days per week the food supplement lasted

(Percentage)

No. of days per week	Districts				Average
	Belgaum	Dakshina Kannada	Gulbarga	Mysore	
7	83.3	73.6	25.0	25.0	50.6
6	11.1	5.3	15.0	10.0	10.4
5	5.6	5.3	15.0	10.0	9.1
4	-	10.5	30.0	45.0	22.1
3	-	5.3	-	10.0	3.9
2	-	-	15.0	-	3.9

Only in 51 percent of the cases the food supplement lasted for 7 days. A majority of the beneficiaries in Belgaum district followed the norms prescribed and 83 percent consumed the supplement all the days in a week. In Dakshina Kannada district such cases were 74 percent, while they were 25 percent in Gulbarga and Mysore districts.

in Mysore district, although it was stated that the supplement was consumed only once a day, it was seen that the quantity supplied lasted for only 4 days in 45 percent of the cases, evidently indicating that the quantity consumed per day was much higher than the prescribed (80 grams per day).

Beneficiaires in centres of Belgaum district had followed the norms prescribed for consumption of the food supplement more or less rigidly.

Collection of food supplement:

In a majority of the cases, the mother of beneficiary collected the food supplement. In the absence of the mother, elder siblings collected the supplement. The auxiliary nurse cum mid-wife was incharge of distribution, supervised by the medical officer of the primary health centres. There were no complaints regarding the distribution of the food supplement.

Opinion of the programme:

All the parents of the beneficiaries were of the opinion that the programme was beneficial. Regarding the purpose of the programme, some expressed explicitly that it was helpful for the improvement of the health of the child.

In 8 percent of the cases alone there was stomach upset initially. There were no serious effect, like diarrhoea, in any case.

Health care activities:

The response of the beneficiaries for the health care facilities provided at the primary health centre and sub-centres was as given in table-26.

Table-26  
Participation in Health Care Facilities

Types of facilities	Percentage response at					
		Belgaum	Dakshina Kannada	Gul- berga	Mysore	All centres
Immunisation (BCG, DPT, Small- pox)	Yes	94	74	95	100	91
	No	6	26	5	-	09
Deworming	Yes	33	53	25	50	40
	No	67	47	75	50	60
Vitamin A con- centrate	Yes	83	79	100	70	83
	No	17	21	-	30	17
Iron Folic acid (anti-anemic treatment)	Yes	94	53	30	65	60
	No	6	47	70	35	40
Free drugs/ medicine	Yes	100	58	100	85	86
	No	-	42	-	15	14
Weight record	Yes	100	84	100	100	96
	No	-	16	-	-	04

Except for in the case of deworming treatment, there was good response for all the health care facilities provided at the primary health centres.

Record of weight:

The weight record was not regularly done by the authorities incharge of primary health centres and sub-centres. Hence, a study to know the impact of the programme on the weight of beneficiaries could not be taken up.

Opinions of persons incharge of the distribution of the food supplement:

Since the work of distribution was taken up by the primary health centres, the auxiliary nurse-cum-mid-wives (ANM), who were



positioned at the sub-centres, were responsible for distribution of food supplement to the beneficiaries. Almost all the auxiliary nurse-cum-mid-wives, who were contacted, were generally of the opinion that the programme was helpful for their routine work, since it facilitated regular contact with mothers and children. Such contact was mainly helpful in the immunisation programme and family planning activities.

The jurisdiction of each auxiliary nurse-cum-mid-wife varied from one square kilo-metre to 24 square kilo-metres. The jurisdiction was considerably large in Kota and Bramhavar Primary Health Centres of Dakshina Kannada District. The average area covered by each auxiliary nurse-cum-mid-wives was 9 square kilo-metres and 8 square kilo-metres respectively, the maximum being 24 square kilo-metres.

A P P E N D I X

T A B L E S

A P P E N D I X - I

Population in the selected centres - 1977

BELGAUM DISTRICT

Selected centres/ sub centres	Total population			Children in 0 - 6 years of age		
	Male	Female	Total	Male	Female	Total
<u>Uchagaon</u>						
Uchagaon	2706	2585	5291	617	580	1197
Marihal	2234	2135	4369	509	479	988
Kalkamba	1341	1281	2622	306	287	593
Honage	2198	2099	4297	501	471	972
Aste	1033	987	2020	235	221	456
Kakate	2595	2480	5075	592	556	1148
Chandgad	543	519	1062	124	116	240
Centre total	12650	12086	24736	2884	2710	5594
<u>Hirebagewadi</u>						
Hirebagewadi	4111	3928	8039	896	880	1776
Peeranwadi	2183	2085	4268	475	468	943
Mutnal	818	781	1599	178	175	353
Centre total	7112	6794	13906	1549	1523	3072
<u>Naganoor</u>						
Naganoor	2322	2219	4541	506	498	1004
Vannur	3005	2871	5876	685	644	1329
Wakkundi	2672	2552	5224	582	572	1154
Tigadi	1898	1814	3712	414	407	821
Centre total	9897	9456	19353	2187	2121	4308
<u>Kittor</u>						
Kittor	5573	5324	10897	1214	1194	2408
Ambidagatte	1775	1695	3470	386	380	766
Belawadi	2689	2559	5258	586	576	1162
Centre total	10037	9588	19625	2186	2150	4336
District total	39696	37924	77620	8806	8504	17310

A P P E N D I X - I

Population in the selected centres-1977

BIDAR DISTRICT

Selected centres/ sub centres.	Total population			Children in 0-6 years of age		
	Male	Female	Total	Male	Female	Total
<u>Chillargi</u>						
Chitta	1393	1351	2744	303	298	601
Malegaon	983	954	1937	214	210	424
Chidri	1322	1282	2604	288	283	571
Markunda	1475	1431	2906	321	316	637
Pan	783	759	1542	171	168	339
Kasampur	485	471	956	106	104	210
Mangalgi	1417	1375	2792	308	303	611
Centre total	7858	7623	15481	1711	1682	3393
<u>Janwad</u>						
Aliamber	1355	1315	2670	295	290	585
Janwad	1672	1622	3294	364	358	722
Kanthandoor	1514	1469	2983	330	324	654
Centre total	4541	4406	8947	989	972	1961
<u>Santpur</u>						
Santpur	859	834	1693	187	184	371
Koutha	814	789	1603	177	174	351
Chandari	655	635	1290	143	140	283
Centre total	2328	2258	4586	507	498	1005
<u>Kamalanagar</u>						
Kamalanagar	2519	2444	4963	548	539	1087
Dongao	1155	1120	2275	251	247	498
Hosannandur	1078	1046	2124	235	231	466
Centre total	5622	5454	11076	1223	1203	2426
District total	20349	19741	40090	4430	4355	8785

A P P E N D I X - I

Population in the selected centres-1977.

BIJAPUR DISTRICT

Selected centres/ sub centres.	Total population			Children in 0 - 6 years of age.		
	Male	Female	Total	Male	Female	Total
<u>Indi</u>						
<b>Aiharga</b>	3319	3272	6591	747	729	1476
Tambe	3536	3485	7021	796	777	1573
Salotgi	4389	4326	8715	988	964	1952
Shirashyad	1475	1453	2928	332	324	656
C. Bevanur	1797	1771	3568	405	395	800
Tadavalga	3019	2976	5995	680	663	1343
Centre total	17535	17283	34818	3948	3852	7800
<u>Chadchan</u>						
Halalli	648	639	1287	146	142	288
Havinal	1105	1090	2195	249	243	492
Bardol	1823	1796	3619	411	400	811
Loni (B.K.)	1959	1930	3889	441	430	871
Ahirasang	1583	1560	3143	356	348	704
Zalki	786	774	1560	177	172	349
Horte	1959	1930	3889	441	430	871
Centre total	9863	9719	19582	2221	2165	4386
<u>Almel</u>						
Almel	4472	4407	8879	1007	981	1988
Balegaon	648	639	1287	146	142	288
Kannolli	2075	2046	4121	467	456	923
Yankanchi	1756	1731	3487	396	386	782
Moratgi	1885	1857	3742	425	414	839
Devangao	2189	2158	4347	493	481	974
Devarnavadgi	1049	1033	2082	236	230	466
Centre total	14074	13871	27945	3170	3090	6260
<u>Kalkeri</u>						
Kalkeri (A & B)	2445	2410	4855	551	537	1088
Korwar	2688	2650	5338	605	590	1195
Aski	1606	1583	3189	362	353	715
Hippargi	3791	3736	7527	854	832	1686
Centre total	10530	10379	20909	2372	2312	4684
District total	52002	51252	103254	11711	11419	23130

A P P E N D I X - I

Population in the selected centres-1977

CHICCHAGALUR DISTRICT

Selected centres/ sub-centres.	Total population			Children in 0 - 6 years of age		
	Male	Female	Total	Male	Female	Total
<u>Mallandur</u>						
Dhanukodge	262	247	509	59	61	120
Jenagadde	786	740	1526	176	184	360
Kotaradahalli *	830	781	1611	185	194	379
Aldor *	1660	1562	3222	371	388	759
Vasthara *	656	616	1272	147	153	300
Centre total	4194	3946	8140	938	980	1918
<u>Nidaghatta</u>						
Honchinahalli	387	364	751	86	90	176
Bannur	106	99	205	24	25	49
Pillenahalli	854	804	1658	191	200	391
Huligere	557	524	1081	124	130	254
Doddapathege	176	166	342	39	42	81
Tangli	662	623	1285	148	155	303
Centre total	2742	2580	5322	612	642	1254
<u>Koppa</u>						
Addadgadde	1590	1495	3085	355	371	726
Bandigadi	853	803	1656	191	199	390
H.H. Pura	1248	1174	2422	279	292	571
Kadadhur	1180	1110	2290	263	276	539
Talamakki	858	807	1665	192	200	392
Narvey	2967	2791	5758	663	693	1356
Centre total	8696	8180	16876	1943	2031	3974
<u>Hirenallur</u>						
Hirenallur	1077	1013	2090	241	252	493
Antharagatta	467	440	907	104	109	213
Basur	556	522	1078	124	130	254
Bislare	868	816	1684	194	203	397
Chowlathriyur	108	101	209	24	25	49
Asavandi	1056	993	2049	236	247	483
Centre total	4132	3885	8017	923	966	1889
District total	19764	18591	38355	4416	4619	9035

\* Includes hamlet villages.

APPENDIX - I

Population in the selected centres - 1977

DAKSHINA KANNADA DISTRICT

Selected centres/ sub-centres.	Total population			Children in 0 - 6 years of age		
	Male	Female	Total	Male	Female	Total
<u>Suratkal</u>						
Iddya	8761	9363	18124	2128	1990	4118
Hosabettu	4715	5039	9754	1146	1071	2217
Hulki	3375	3607	6982	820	767	1587
Haleangady	4161	4446	8607	1011	945	1956
Centre total	21012	22455	43467	5105	4773	9878
<u>Ullal</u>						
Wannur	1362	1456	2118	331	309	640
Talapadi	1649	1762	3411	401	374	775
Jeppinanogaru	3658	2840	5498	646	604	1250
Ullal (Hq.)	10764	10503	22267	2616	2444	5060
Centre total	16433	17561	33994	3994	3731	7725
<u>Brahmavar</u>						
Varamballi	4889	5224	10113	1188	1110	2298
Kenjal	3426	3661	7087	833	778	1611
Karje	1718	1836	3554	418	390	808
Kokkerne	1451	1551	3002	353	330	683
Havanje	1434	1532	2966	349	326	675
Uppoor	3256	3480	6736	791	740	1531
Chanthar	1857	1985	3842	451	422	873
Centre total	18031	19269	37300	4383	4096	8479
<u>Kota</u>						
Giliyar	1697	1814	3511	412	385	797
Manoor	2035	2174	4209	495	462	957
Kalthoor	732	783	1515	178	166	344
Bannady	579	619	1198	141	132	273
Karkada	1238	1323	2561	301	281	582
Pandeshwar	1179	1259	2438	287	268	555
Centre total	7460	7972	15432	1814	1694	3508
District total	62936	67257	130193	15296	14294	29590

APPENDIX - I

Population in the selected centres-1977

GULBARGA DISTRICT

Selected centres/ sub-centres.	Total population			Children in 0 - 6 years of age		
	Male	Female	Total	Male	Female	Total
<u>NARONE</u>						
Narone	1976	1975	3951	427	415	842
Rudravadi	964	954	1918	208	203	411
Ladmughli	956	947	1903	207	201	408
V.K. Salgar	1443	1427	1870	312	303	615
Kamalanagar	741	737	1481	161	157	318
Centre total	6083	6020	12103	1315	1279	2594
<u>Maddanhipparge</u>						
Maddanhipparge	2676	2649	5325	579	563	1142
Kadaganchi	2702	2675	5377	585	568	1153
Centre total	5378	5324	10702	1164	1131	2295
<u>Farhatabad</u>						
Ferozabad	1792	1773	3565	338	377	765
Farhatabad	1685	1657	3342	365	352	717
B. Saradgi	1897	1878	3775	411	399	810
Kirangi	2400	2377	4777	520	505	1025
Tilgul	661	655	1316	143	139	282
Hagargundgi	1011	1000	2011	219	213	432
Centre total	9446	9340	18786	2046	1985	4031
<u>Kamalapur</u>						
Kamalapur	2970	2939	5909	643	625	1268
Rahagaon	2826	2796	5622	612	594	1206
Centre total	5796	5735	11531	1255	1219	2474
District total	26703	26419	53122	5780	5614	11394



A P P E N D I X - I

Population in the selected centres - 1977

HASSAN DISTRICT

Selected centres/ sub-centres	Total population			Children in 0 - 6 years of age		
	Male	Female	Total	Male	Female	Total
<u>SALAGAME</u>						
Salagame	554	545	1099	126	128	254
Doddakondgula	581	571	1152	132	134	266
Tejur	513	505	1018	117	119	236
Seege	283	279	562	65	66	131
Yalagunda	267	263	530	61	62	123
Dudda	656	645	1301	150	152	302
Uddurahalli	317	311	628	72	73	145
S. Koppal	53	53	106	12	13	25
Centre total	3224	3172	6396	735	747	1482
<u>Ankapura</u>						
M. Hosahalli	192	188	380	44	44	88
Markuli	786	774	1560	179	182	361
Kowshika	609	598	1207	139	141	280
Boovanahalli	1162	1144	2306	265	269	534
Shantigr ma	1511	1436	2997	344	349	693
Kattya	811	798	1609	185	188	373
Centre total	5071	4988	10059	1156	1173	2329
<u>Udyayapura</u>						
Chowdenahalli	177	175	352	40	41	81
Appenahalli	170	168	338	39	40	79
Kodihalli	594	585	1179	135	138	273
Boregowdana Koppal	95	93	188	22	22	44
Bidare	687	675	1362	157	159	316
Uthenahalli	215	212	427	49	50	99
Bagur	1171	1151	2322	267	271	538
Vaddarahalli	500	493	993	114	116	230
Hiribilthi	204	201	405	47	54	101
Pura	231	228	459	53	54	107
A.Kalenahalli	249	244	493	57	57	114
Chikkanayakanahalli	90	88	178	21	21	42
Byaladakere	167	165	332	38	39	77
Centre total	4550	4478	9028	1039	1062	2101

Contd..

Selected centres/ sub-centres.	Total population			Children in 0 - 6 years of age.		
	Male	Female	Total	Male	Female	Total
<u>Mattinavile</u>						
Dodderi	280	275	555	64	65	129
Mattanavile	325	319	644	74	75	149
Virupakashapura	277	272	549	63	64	127
Kalenahalli	227	224	451	51	53	104
Narehalli	119	116	235	27	27	54
Santheshwara	557	547	1104	127	129	256
Navile	1134	1116	2250	258	262	520
Adinahalli	183	179	362	42	42	84
Rachenalli	177	175	352	40	41	81
Channenahalli	299	294	593	68	69	137
Madalapura	106	104	210	24	25	49
Jinnenahalli	697	685	1382	150	161	320
Kalakere	377	371	748	86	87	173
Anathi	622	611	1233	142	144	286
Kemba	592	583	1175	135	137	272
Balagatta	392	390	782	89	92	181
Mathighatta	461	453	914	105	107	212
Centre Total	6825	6714	13539	1554	1580	3134
District total	19670	19362	39022	4484	4562	9046

A P P E N D I X - I

Population in the selected centres - 1977

MYSORE DISTRICT

Selected centres/ sub-centres	Total population			Children in 0 - 6 years of age		
	Male	Female	Total	Male	Female	Total
<u>Chamarajanagar</u>						
Kothalvady	1676	1592	3268	354	352	706
Basavapura	1120	1064	2184	236	235	471
Yanganahalli	933	887	1820	197	206	403
V. Chatra	1512	1437	2949	319	334	653
Arakalawadi	976	928	1904	206	205	411
Udigala	1890	1796	3686	399	397	796
Centre total	8107	7704	15811	1711	1729	3440
<u>Ummatur</u>						
Galipura	423	402	825	89	89	178
Ummatur	2442	2320	4762	515	512	1027
Harwe	1759	1671	3430	371	369	740
Kuderu	2005	1904	3909	423	420	843
Centre total	6629	6297	12926	1398	1390	2788
<u>Belwal</u>						
Belwal	1684	1600	3284	355	353	708
Hinkal	1371	1303	2674	289	288	577
Kallur	678	645	1323	143	142	285
Jaipura (A)	472	449	921	100	99	199
Jaipura (B)	472	449	921	100	99	199
Sagarakatte	229	218	447	48	48	96
Centre total	4906	4664	9570	1035	1029	2064
<u>S.R. Hundi</u>						
S.R. Hundi Varuna	700	666	1366	147	147	294
Vaskodu	1558	1480	3038	329	327	656
Kadokola	1583	1503	3086	334	332	666
Udboodu	2586	2456	5042	545	542	1087
Centre total	6427	6105	12532	1355	1348	2703
District total	26069	24770	50839	5499	5496	10995
Programme area	267189	265300	532495	60422	58863	119285

A P P E N D I X - II

Monthly quantity of food supplement supplied by CARE during 1976 and 1977 in the programme area of Karnataka.

BIDAR DISTRICT

( in Kgs.)

Month/year	Primary health centre				Total
	Chillargi	Janwad	Santhapur	Kamalanagar	
<u>1976</u>					
January	-	-	-	-	-
February	-	-	-	-	-
March	-	-	-	-	-
April	-	-	-	-	-
May	-	-	-	-	-
June	5000	5000	5000	4000	19000
July	3125	-	-	-	3125
August	5000	2500	-	6000	13500
September	2500	2500	-	-	5000
October	3750	2500	-	5000	11250
November	3125	-	-	-	3125
December	9000	9000	-	9000	27000
Total	31500	21500	5000	24000	82000
<u>1977</u>					
January	-	-	-	-	-
February	-	-	9000	-	9000
March	-	-	-	-	-
April	-	-	-	9000	9000
May	-	-	-	-	-
June	-	-	-	-	-
July	-	-	-	-	-
August	9000	9000	9000	9000	36000
September	-	-	-	-	-
October	-	-	-	-	-
November	-	-	-	-	-
December	9000	-	-	9000	18000
Total	18000	9000	18000	27000	72000
Total 1976 & 1977	49500	30500	23000	51000	154000

A P P E N D I X - II

BELGAUM DISTRICT

(in Kgs.)

Month/year	Primary health centre				Total
	Uchagoan	Hirebagewadi	Naganoor	Kittor	
<u>1976</u>					
January	-	-	-	-	-
February	-	-	-	-	-
March	-	-	-	-	-
April	-	-	-	-	-
May	-	-	-	-	-
June	-	-	-	-	-
July	-	-	-	-	-
August	5000	5000	5000	5000	20000
September	-	-	-	-	-
October	5000	5000	-	5000	15000
November	5000	-	5000	-	10000
December	9000	-	-	-	9000
<b>Total</b>	<b>24000</b>	<b>10000</b>	<b>10000</b>	<b>10000</b>	<b>54000</b>
<u>1977</u>					
January	-	9000	-	-	9000
February	-	-	9000	-	9000
March	-	-	-	6500	6500
April	9000	9000	-	-	18000
May	-	-	-	-	-
June	-	-	-	-	-
July	-	-	-	-	-
August	9000	9000	9000	9000	36000
September	-	-	-	-	-
October	-	-	-	-	-
November	-	-	9000	9000	18000
December	9000	9000	-	-	18000
<b>Total</b>	<b>27000</b>	<b>36000</b>	<b>27000</b>	<b>24500</b>	<b>114500</b>
<b>Total</b>	<b>51000</b>	<b>46000</b>	<b>37000</b>	<b>34500</b>	<b>168500</b>
<u>1976 &amp; 1977</u>					

A P P E N D I X - II

BIJAPUR DISTRICT

( in kgs. )

Month/year	Primary health centre				
	Indi	Chadchan	Almel	Kalkeri	Total
<u>1976</u>					
January	6125	6125	6125	6125	24500
February	-	-	-	-	-
March	6125	6125	6125	6250	24625
April	-	-	3750	3750	7500
May	5000	5000	-	-	10000
June	5000	-	6250	6625	17875
July	-	5375	3750	3750	12875
August	5000	-	2500	5000	12500
September	-	3750	2500	4375	10625
October	-	2500	3750	5000	11250
November	6250	2750	5000	-	14000
December	9000	9000	9000	9000	36000
Total	42500	40625	48750	49875	181750
<u>1977</u>					
January	-	-	-	-	-
February	-	9000	-	-	9000
March	-	-	9000	9000	18000
April	8000	-	-	-	8000
May	-	-	-	9000	9000
June	-	-	-	-	-
July	-	-	-	-	-
August	9000	9000	9000	9000	36000
September	-	-	-	-	-
October	-	-	-	9000	9000
November	-	-	9000	-	9000
December	9000	9000	-	-	18000
Total	26000	27000	27000	36000	116000
Total 1976 & 1977	68500	67625	75750	85875	297750

A P P E N D I X - II

CHICKMAGALUR DISTRICT

( in kgs. )

Month/Year	Primary Health Centre				
	Hallandur	Nidaghatta	Koppa	Herenallur	Total
<u>1976</u>					
January	-	-	-	-	-
February	-	-	-	-	-
March	-	-	-	-	-
April	-	-	-	-	-
May	-	-	-	-	-
June	5000	5000	5000	5000	20000
July	-	5000	-	-	5000
August	2500	-	5000	5000	12500
September	-	5000	-	-	5000
October	-	-	-	-	-
November	2500	-	-	5000	7500
December	9000	9000	6250	9000	33250
<b>Total</b>	<b>19000</b>	<b>24000</b>	<b>16250</b>	<b>24000</b>	<b>83250</b>
<u>1977</u>					
January	-	-	-	-	-
February	-	9000	9000	9000	27000
March	-	-	-	-	-
April	-	-	-	-	-
May	-	-	-	9000	9000
June	-	-	-	-	-
July	-	-	-	-	-
August	9000	9000	-	9000	27000
September	-	-	-	-	-
October	-	9000	9000	-	18000
November	9000	9000	-	9000	27000
December	-	-	-	-	-
<b>Total</b>	<b>18000</b>	<b>36000</b>	<b>18000</b>	<b>36000</b>	<b>108000</b>
<b>Total 1976 &amp; 1977</b>	<b>37000</b>	<b>60000</b>	<b>34250</b>	<b>60000</b>	<b>191250</b>

A P P E N D I X - II

DAKSHINA KANNADA DISTRICT

( in K . s . )

Month/Year	Primary health centre				
	Bhramhawara	Kota	Suratkal	Ullal	Total
<u>1976</u>					
January	3250	6125	-	-	9375
February	2875	-	6125	-	9000
March	2500	6250	-	6125	14875
April	5000	3750	6125	2500	17375
May	2500	6250	6250	-	15000
June	3750	-	-	-	3750
July	2500	3750	6250	6250	18750
August	2500	3000	6250	2500	14250
September	-	-	-	-	-
October	3750	6250	6250	3750	20000
November	-	3750	5000	-	8750
December	9000	9000	9000	9000	36000
Total	37625	48125	51250	30125	167125
<u>1977</u>					
January	-	-	-	-	-
February	-	-	9000	-	9000
March	5000	5000	-	5000	15000
April	-	9000	9000	9000	27000
May	-	-	-	-	-
June	-	-	-	-	-
July	-	-	-	-	-
August	9000	9000	9000	9000	36000
September	-	-	-	-	-
October	-	9000	-	-	9000
November	-	-	9000	-	9000
December	-	-	-	9000	9000
Total	14000	32000	36000	32000	114000
Total 1976 & 1977	51625	80125	87250	62125	281125



A P P E N D I X - II

GULBARGA DISTRICT

( in Kgs. )

Month/Year	Primary health centre				Total
	Farhatabad	Kamalapur	Nadanhipp- erge.	Narona	
<u>1976</u>					
January	-	5950	5950	5950	17850
February	-	-	-	-	-
March	6000	6000	-	5000	17000
April	-	-	-	-	-
May	5000	-	3750	6250	15000
June	-	2500	-	-	2500
July	-	-	-	-	-
August	3750	6875	2500	6250	19375
September	-	-	1875	5000	6875
October	3750	2500	2500	3750	12500
November	2500	5000	5000	-	12500
December	9000	-	-	11500	20500
<b>Total</b>	<b>30000</b>	<b>28825</b>	<b>21575</b>	<b>43700</b>	<b>124100</b>
<u>1977</u>					
January	-	-	-	-	-
February	-	9000	9000	-	18000
March	-	-	-	-	-
April	9000	9000	-	9000	27000
May	-	-	-	-	-
June	-	-	-	-	-
July	-	-	-	-	-
August	9000	9000	9000	9000	36000
September	-	-	-	-	-
October	9000	-	-	9000	18000
November	-	-	-	-	-
December	-	9000	-	9000	18000
<b>Total</b>	<b>27000</b>	<b>36000</b>	<b>18000</b>	<b>36000</b>	<b>117000</b>
<b>Total 1976 &amp; 1977</b>	<b>57000</b>	<b>64825</b>	<b>39575</b>	<b>79700</b>	<b>241100</b>

A P P E N D I X - II

HASSAN DISTRICT

( in kgs. )

Month/year	Primary health centre				Total
	Saligame	Ankapura	Mattinavelli	Udayaput	
<u>1976</u>					
January	-	-	-	-	-
February	-	-	-	-	-
March	-	-	-	-	-
April	-	-	-	-	-
May	-	-	-	-	-
June	5500	5500	5500	5500	22000
July	-	-	-	-	-
August	5500	-	7000	3750	16250
September	-	-	-	-	-
October	3750	-	-	5500	9250
November	-	-	5000	-	5000
December	9000	9000	9000	9000	36000
Total	23750	14500	26500	23750	88500
<u>1977</u>					
January	-	-	-	-	-
February	9000	-	9000	-	18000
March	-	-	-	-	-
April	-	9000	9000	5000	23000
May	-	-	-	-	-
June	-	-	-	-	-
July	-	-	-	-	-
August	9000	9000	9000	9000	36000
September	-	-	-	-	-
October	9000	-	9000	-	18000
November	9000	-	-	9000	18000
December	-	-	-	-	-
Total	36000	18000	36000	23000	113000
Total 1976 & 1977	59750	32500	62500	46750	201500

A P P E N D I X - II

MYSORE DISTRICT

( in Kgs. )

Month/Year	Primary Health Centre				Total
	Chamaraja- nagar	Sidda- rama Hundi	Unma- thur	Yelwel	
<u>1976</u>					
January	6125	-	-	6125	12250
February	-	-	-	-	-
March	6200	2500	6200	3750	18650
April	-	3750	3125	2500	9375
May	2500	2500	-	2500	7500
June	6250	-	5000	3750	15000
July	5000	6250	5000	3750	20000
August	-	-	3750	2500	6250
September	6250	3750	-	3750	13750
October	5000	3750	2500	3750	15000
November	-	-	-	-	-
December	9000	9000	9000	9000	36000
Total	46325	31500	34575	41375	153775
<u>1977</u>					
January	-	-	-	-	-
February	9000	9000	-	9000	27000
March	-	-	9000	-	9000
April	2500	5000	-	3500	11000
May	-	-	-	3000	3000
June	-	-	-	-	-
July	-	-	-	-	-
August	9000	9000	9000	9000	36000
September	-	-	-	-	-
October	9000	9000	9000	9000	36000
November	-	-	-	-	-
December	-	-	-	-	-
Total	29500	32000	27000	33500	122000
Total 1976 & 1977	75825	63500	61575	74875	275775

APPENDIX - II

Programme Area: (in Kgs.)

<u>Month/year</u>	<u>Programme Area</u>
<u>1976</u>	
January	63975
February	99100
March	75150
April	34250
May	47500
June	100125
July	59750
August	114625
September	41250
October	94250
November	60875
December	233750
Total	<u>934500</u>
<u>1977</u>	
January	9000
February	126000
March	48500
April	123000
May	22100
June	-
July	-
August	279000
September	-
October	108000
November	81000
December	81000
Total	<u>876500</u>
Total 1976 & 1977	<u>1811000</u>

Figure-1

Index of response - 1977

Belgaum District - Ucnagaon Primary Health Centre.

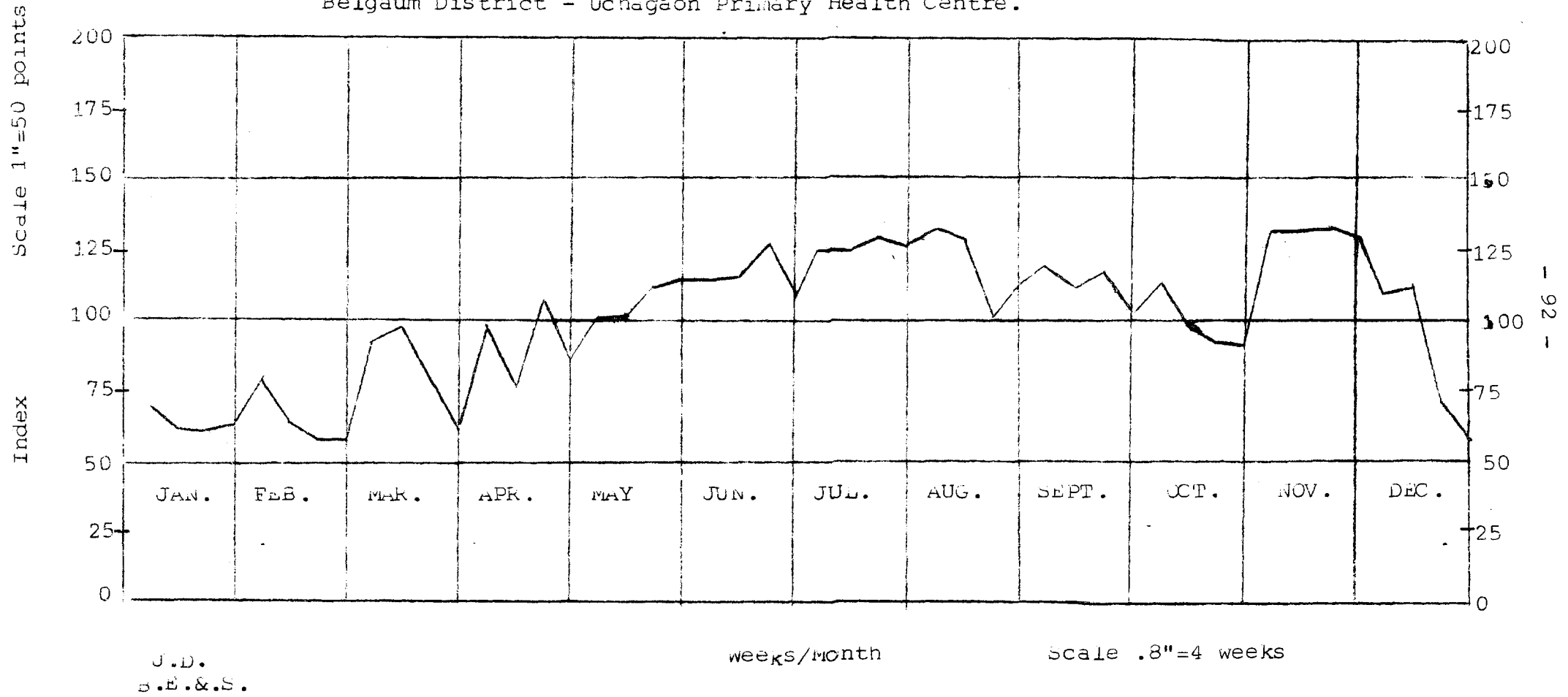


Figure-II

Index of response - 1977

Belgaum District - Hireogawadi Primary Health Centre.

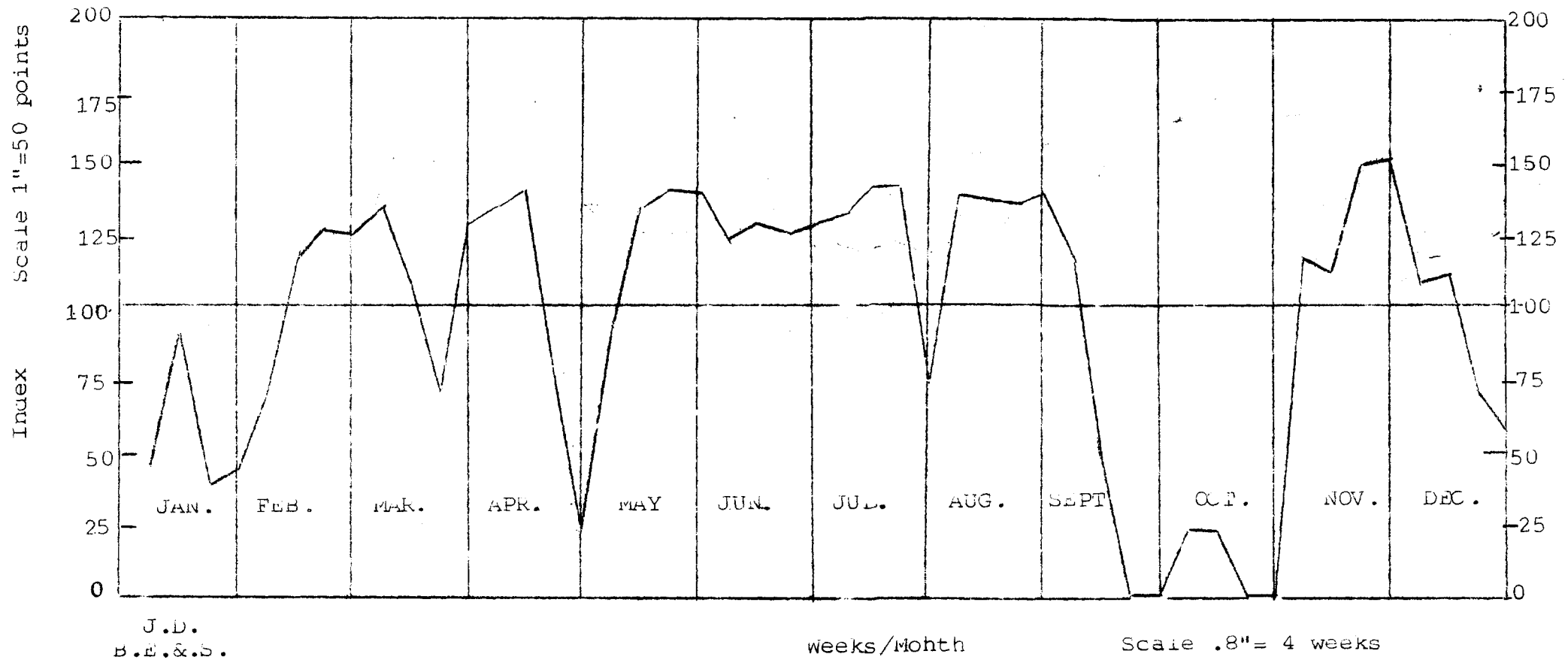
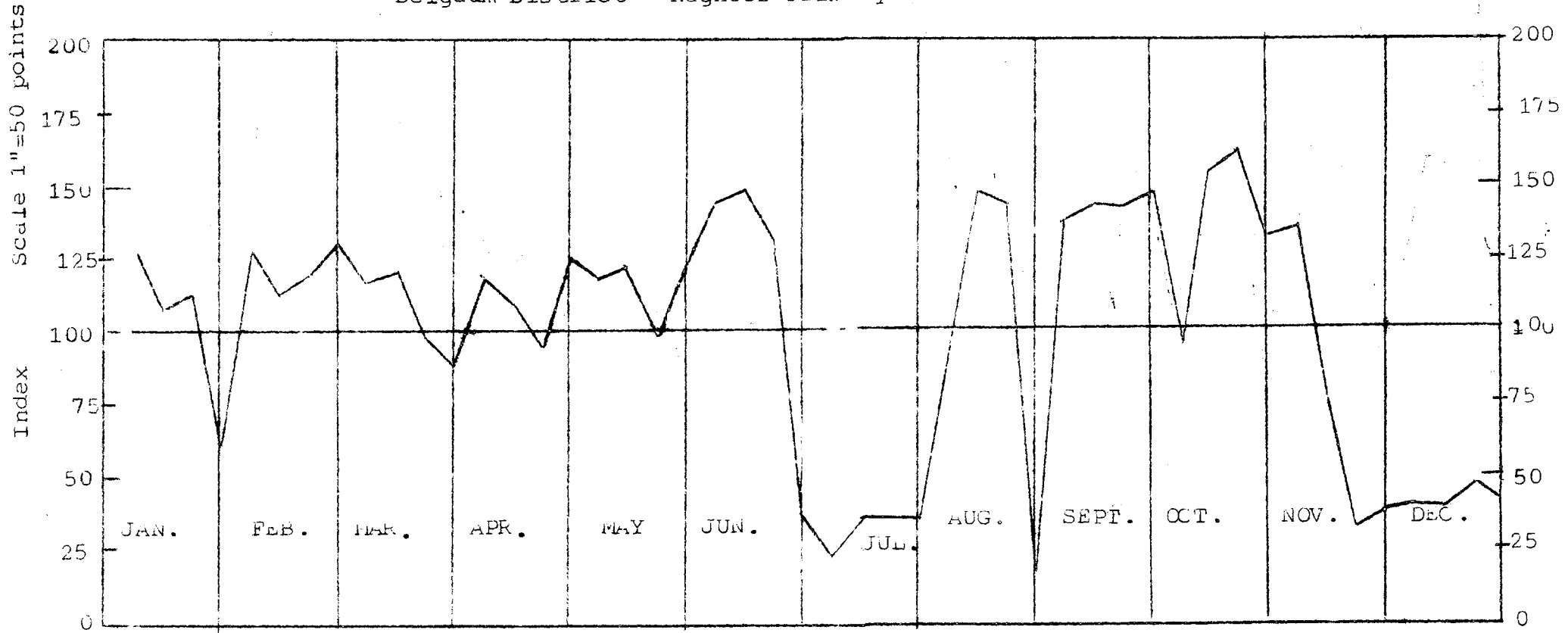


Figure-1.1

Index of response - 1977

Belgaum District - Wagnoor Primary Health Centre



J.D.  
B.E.&S.

Weeks/Month

Scale .8"=4 weeks

Figure-IV

Index of response - 1977

Belgaum District - Kittoor Primary Health Centre.

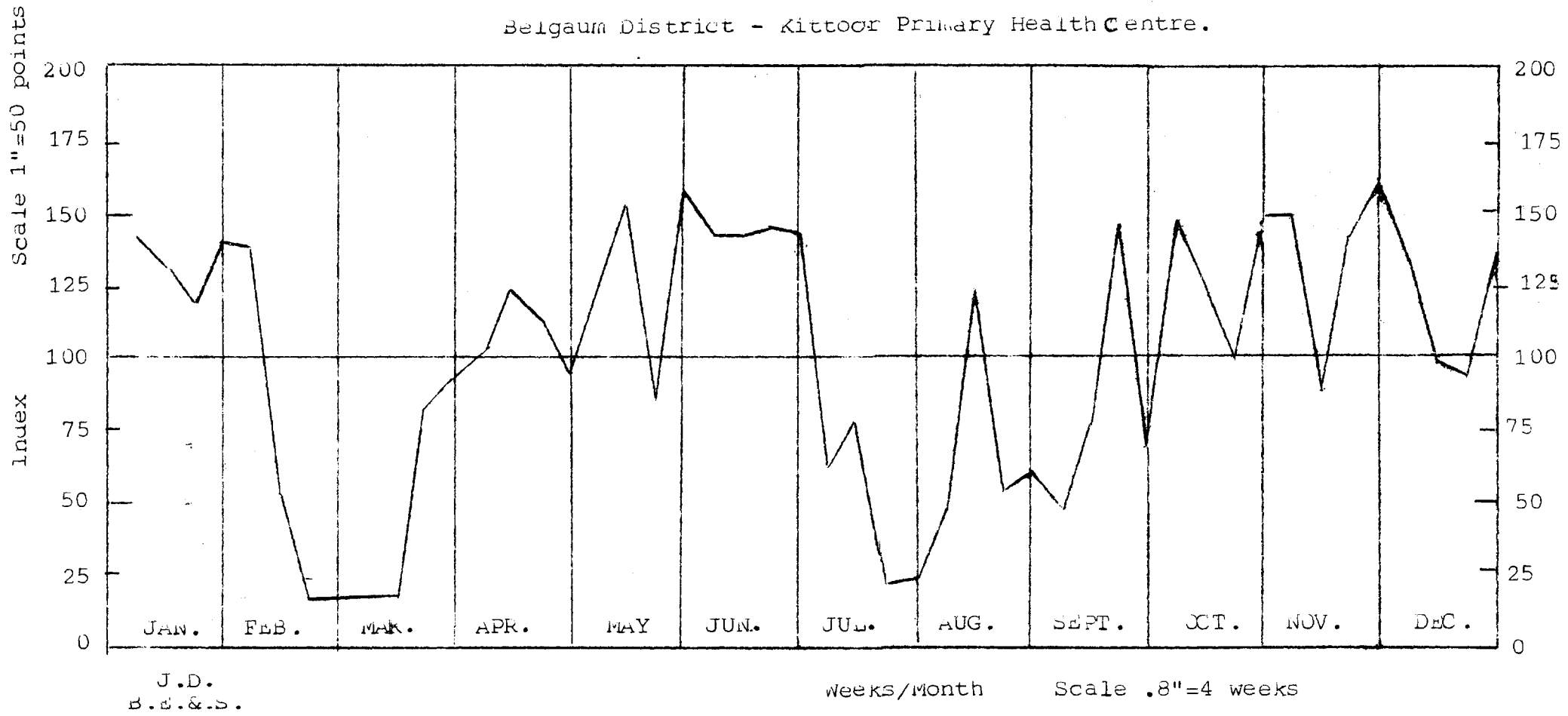




Figure-V

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Dakshina Kannada District - Kota Primary Health Centre.

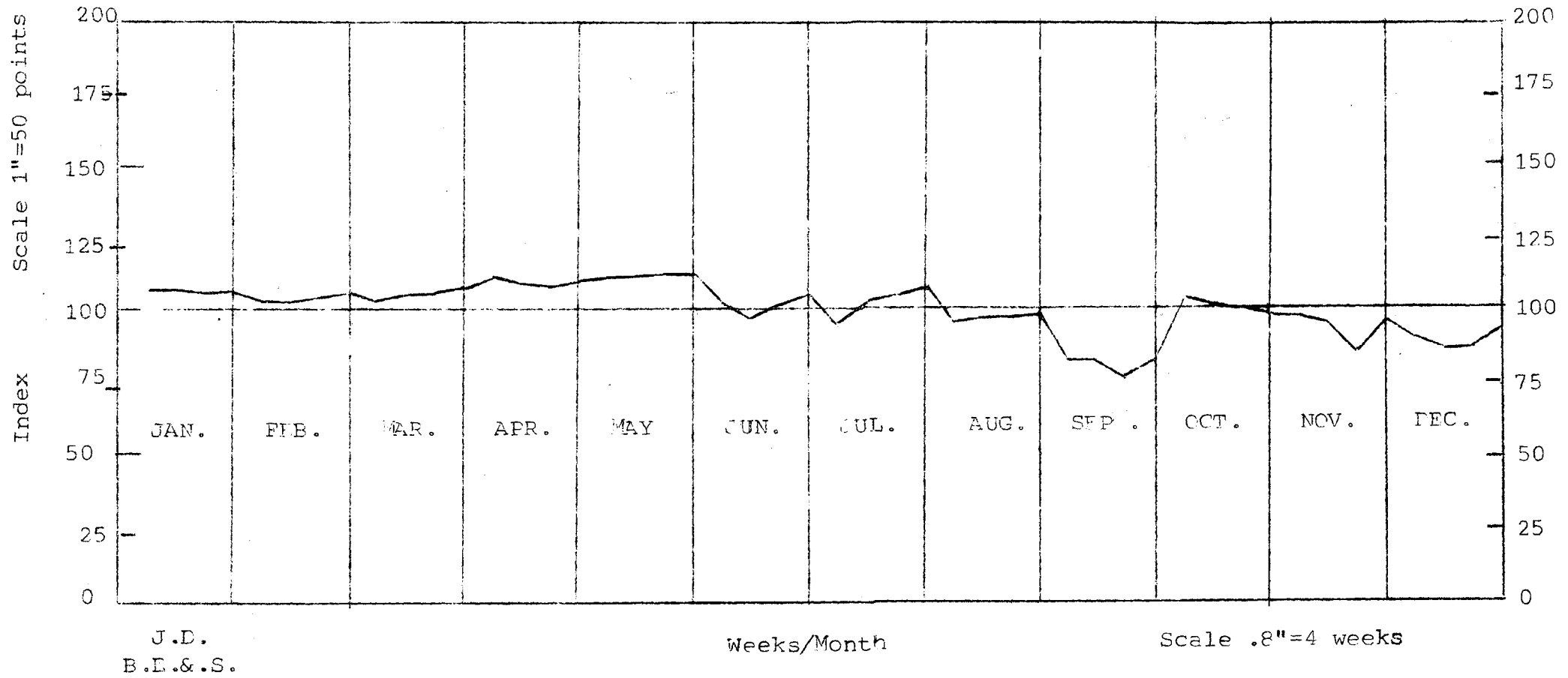
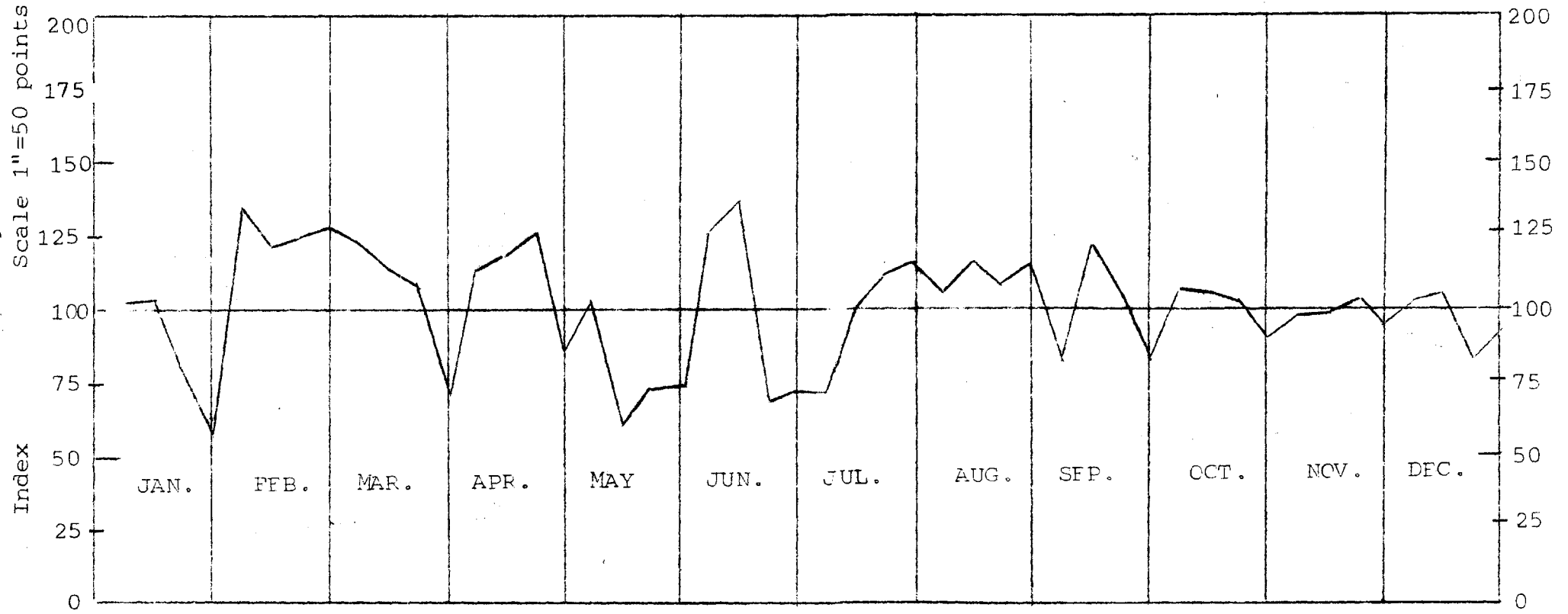


Figure- VI

Index of response - 1977

Dakshina Kannada District - Ullal Primary Health Centre



J.D.  
B.F.&.S.

Weeks/Month

Scale .2'' = 4 weeks

Figure-VII

Index of response - 1977

Dakshina Kannada District - Suratkal Primary Health Centre.

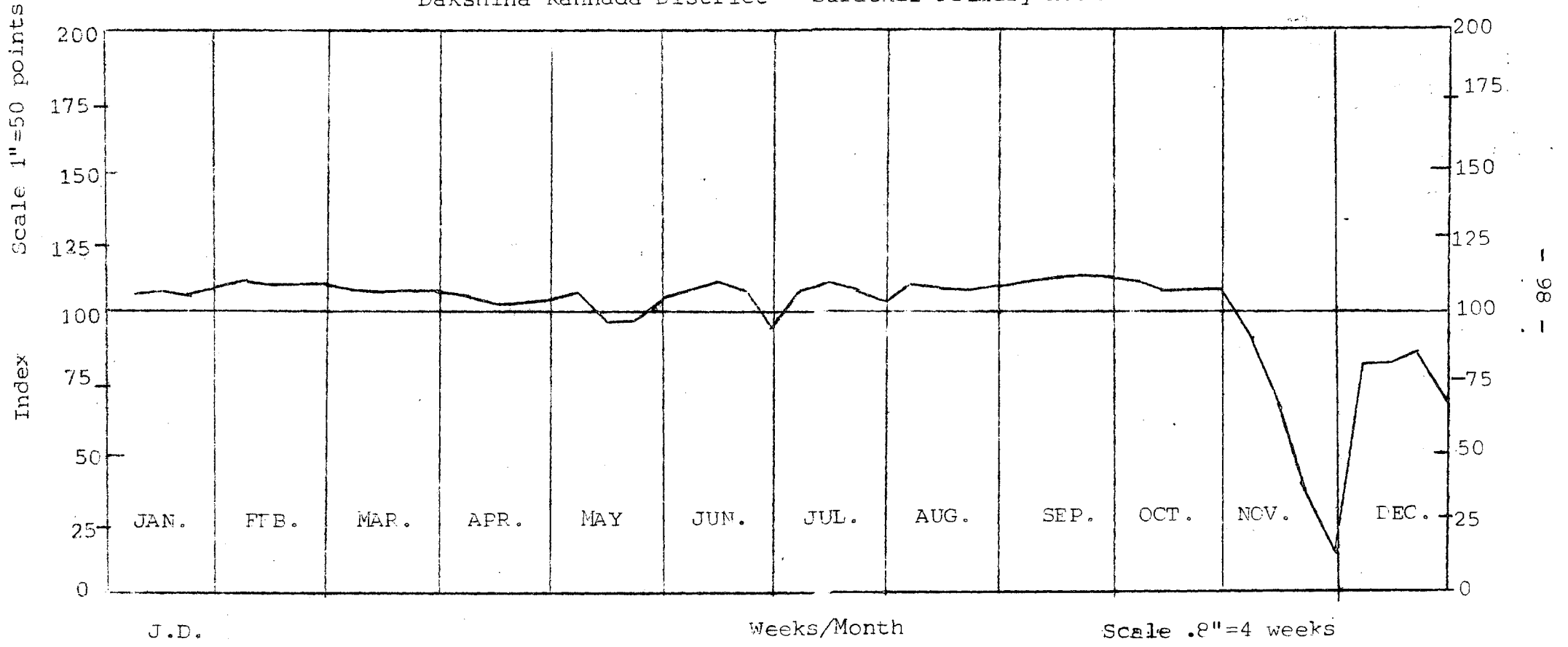
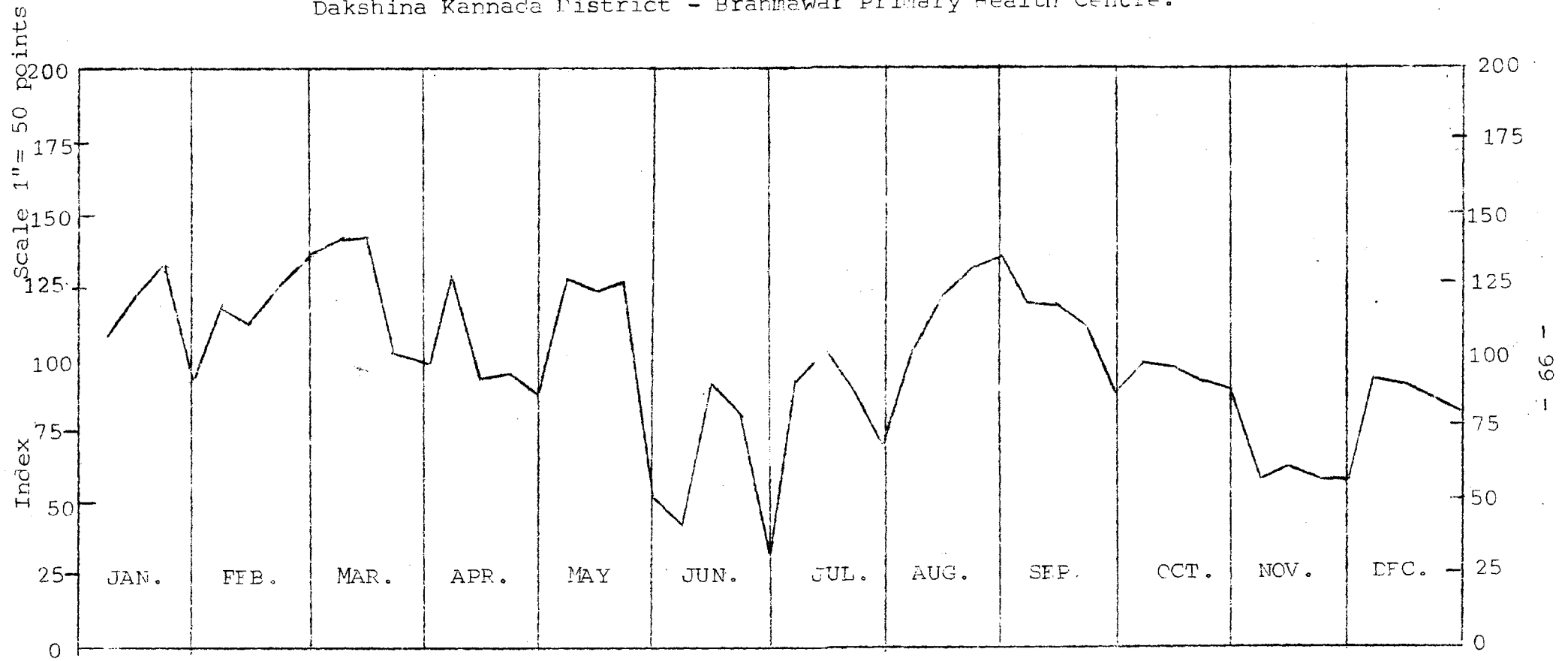


Figure-VIII

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Dakshina Kannada District - Brahmawar Primary Health Centre.



J.D.  
B.F.&.S.

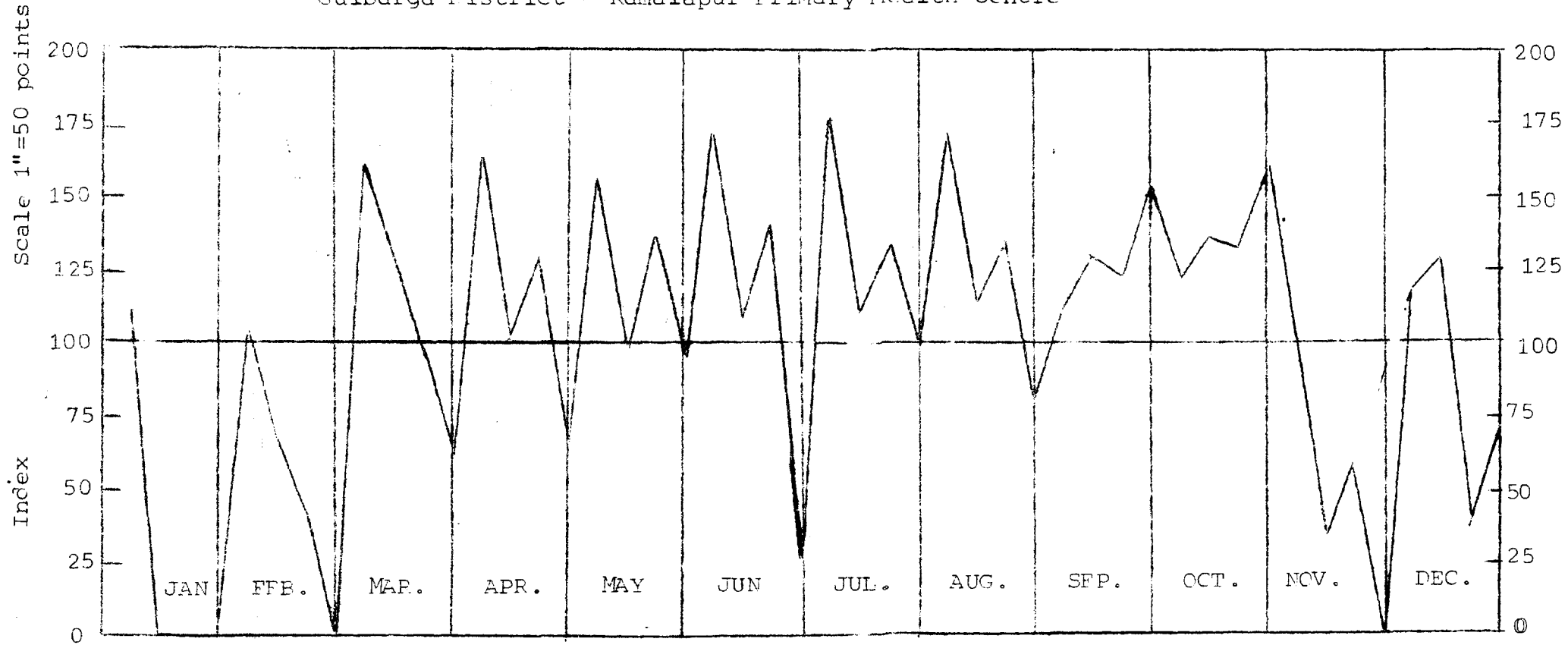
Weeks/Month

Scale .8" = 4 weeks

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Figure-IX  
Index of response - 1977

Gulbarga District - Kamalapur Primary Health Centre.



J.D.  
B.E.&.S.

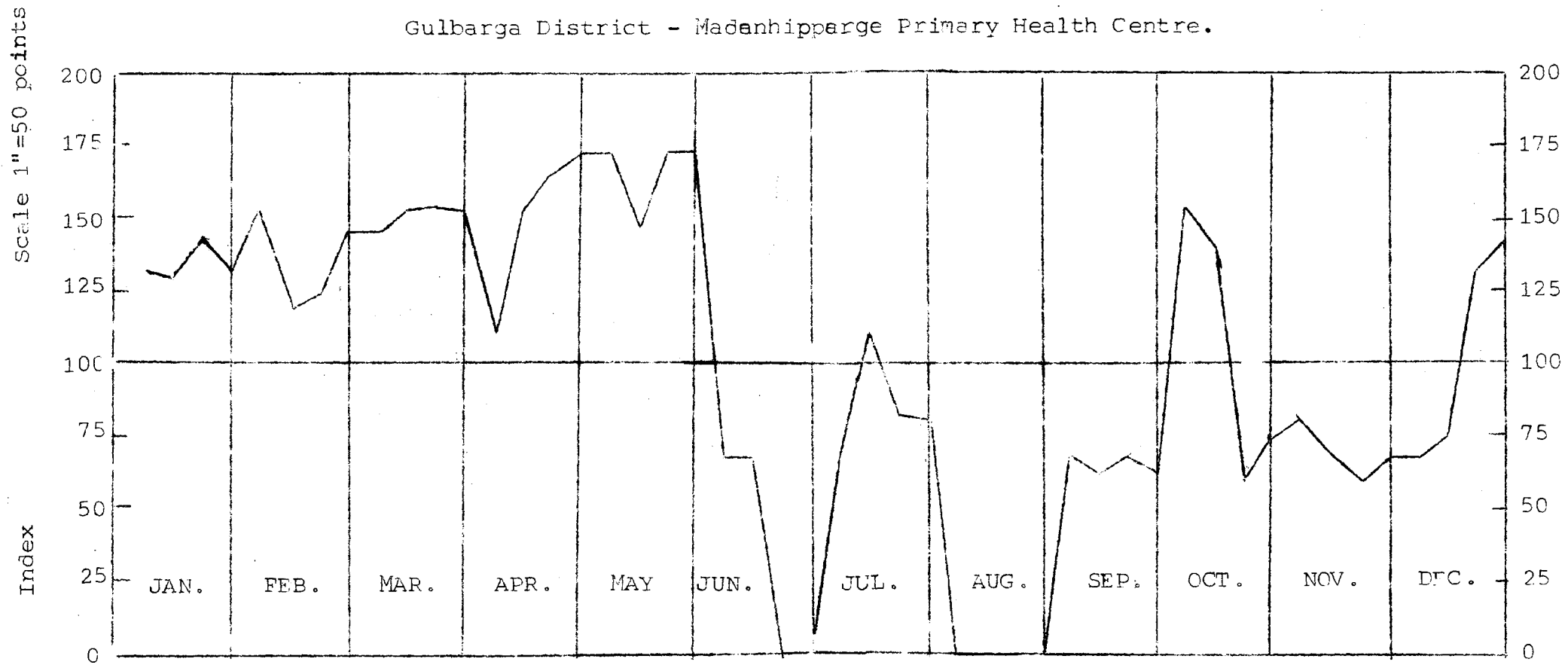
Weeks/Month

Scale .8"=4 weeks

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Figure-X  
 Index of response - 1977

Gulbarga District - Madanhipparge Primary Health Centre.



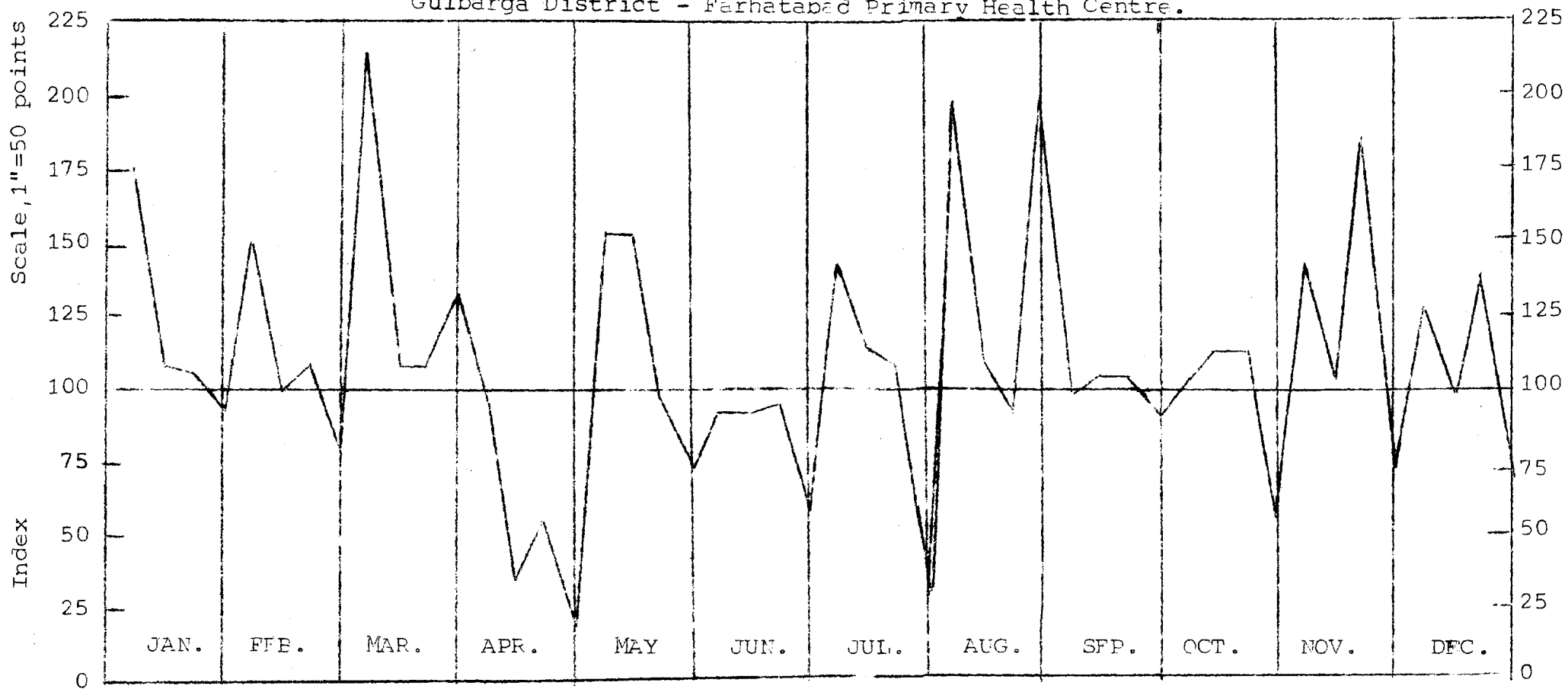
J.D.  
 B.E.&.S.

Weeks/Month

Scale .8" = 4 weeks

Figure-XI

Index of response - 1977  
Gulbarga District - Farhatabad Primary Health Centre.

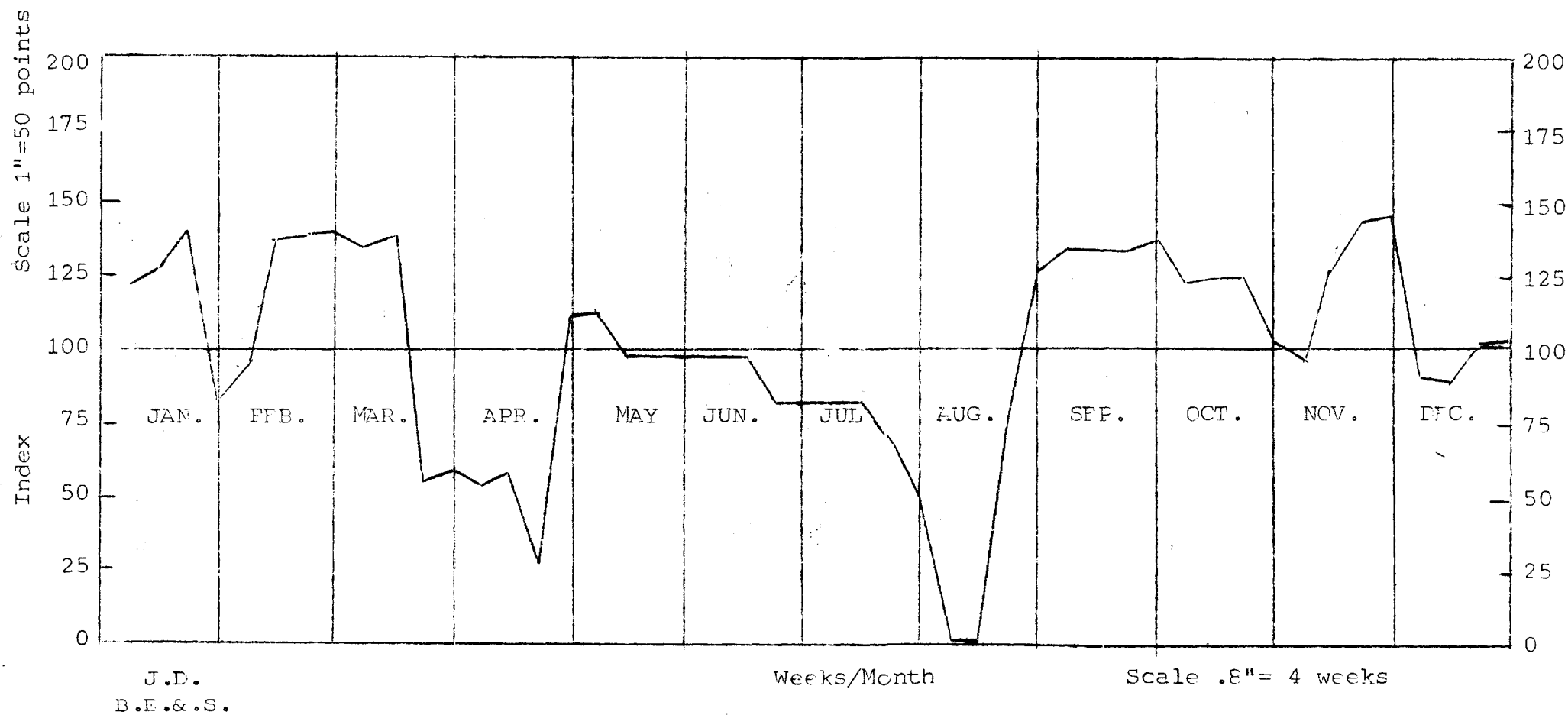


J.D.  
B.D.&.S.

Weeks/Month

Scale .8"=4 weeks

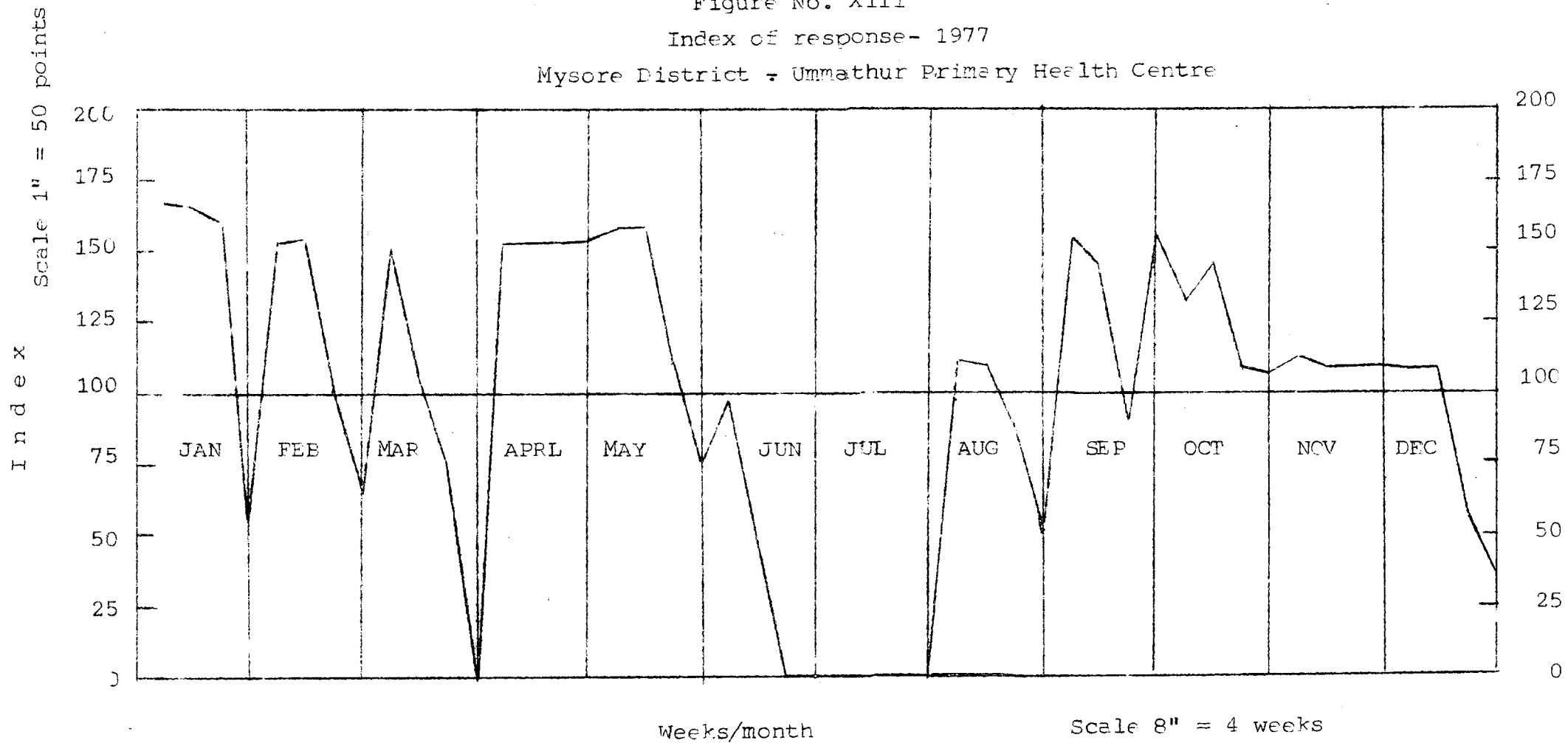
Figure-XII  
 Index of response - 1977  
 Gulbarga District - Narona Primary Health Centre.



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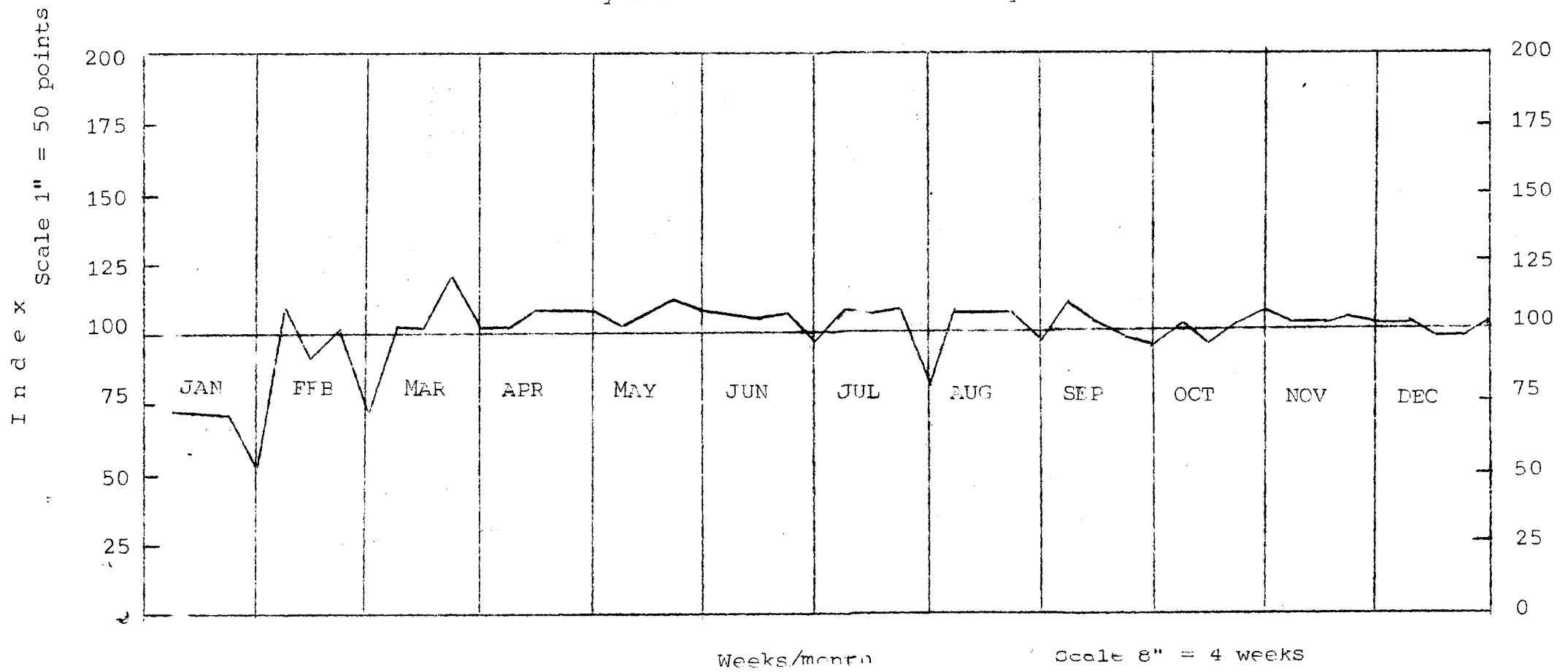


Figure No. XIII  
 Index of response- 1977  
 Mysore District - Ummathur Primary Health Centre



J.D.  
 B.E. & S

Figure No. XIV  
 Index of response - 1977  
 Mysore District - Elwal Primary Health Centre

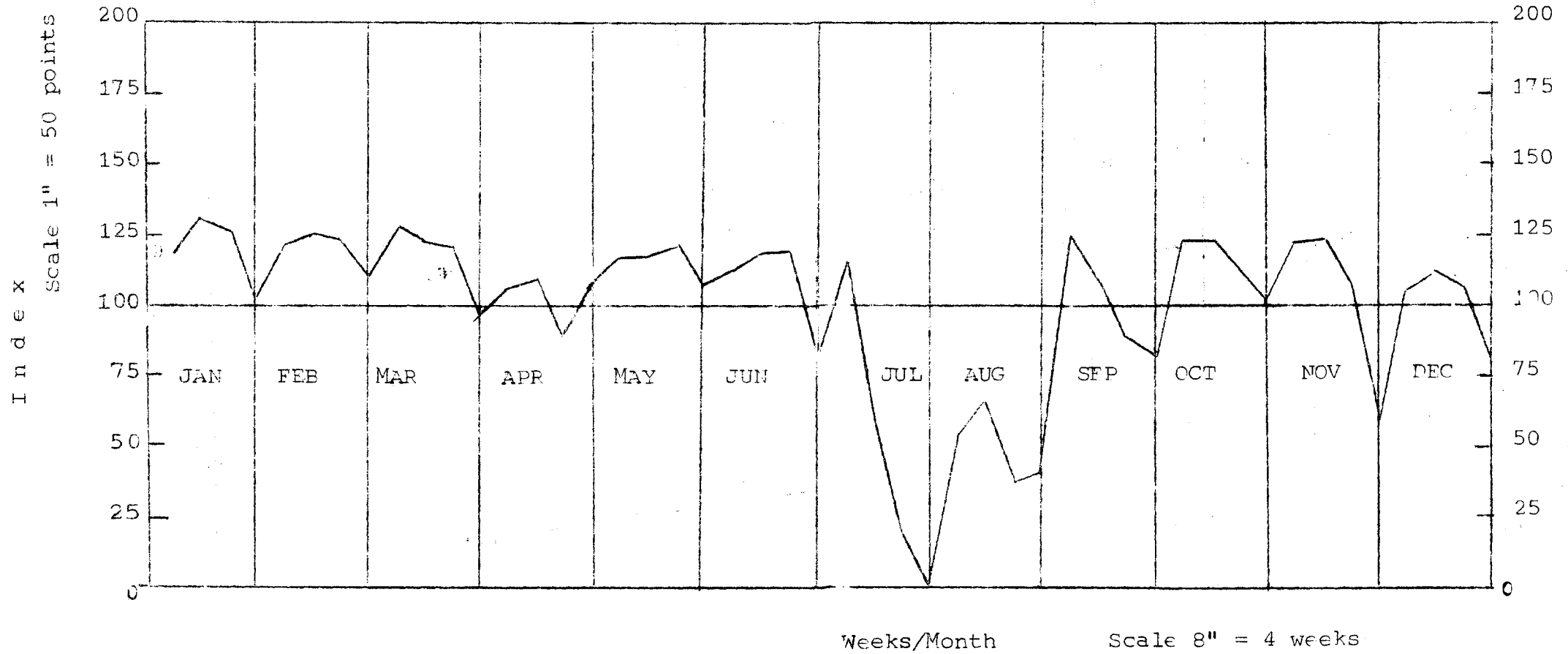


J.D.  
 B.F.& S.

Figure No. XV

Index of response - 1977

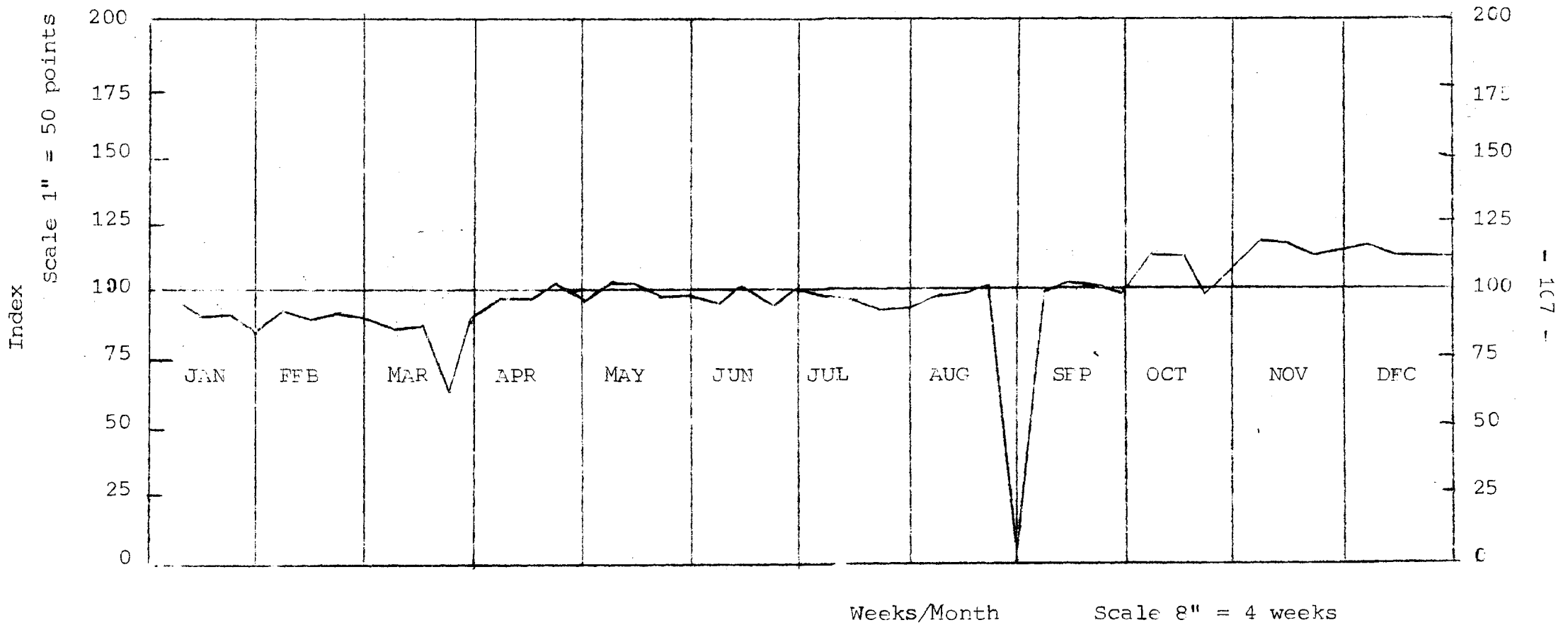
Mysore District- Chamarajnagar Primary Health Centre



J.D.  
E.F.& S

Figure No. XVI  
Index of Response - 1977

Mysore District - S.R. Hundi Primary Health Centre



J.D.  
B.F. & S

APPENDIX - IV

Belgaum District

Index of response - 1977

Primary Health Centre	Week	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Uchagaon	I	63	78	93	96	100	115	125	131	117	114	133	110
	II	61	61	97	76	103	115	125	130	111	99	133	112
	III	60	56	75	107	112	129	123	101	118	93	134	73
	IV	61	56	61	88	115	110	126	113	103	91	131	58
Hirebagewadi	I	45	70	135	135	94	124	132	140	117	24	117	76
	II	91	117	109	140	136	129	141	138	48	22	112	142
	III	40	126	71	78	40	125	141	136	-	-	150	125
	IV	44	125	130	22	140	123	72	139	-	-	152	132
Naganoor	I	127	129	116	113	118	144	23	99	133	95	135	40
	II	108	114	120	109	123	149	35	148	143	154	77	40
	III	113	117	97	95	97	132	35	144	143	161	32	46
	IV	61	130	89	125	123	37	35	17	146	131	39	42
Nittor	I	140	133	17	101	124	142	61	49	49	146	148	132
	II	131	54	17	124	152	142	79	124	76	121	87	96
	III	119	17	81	112	84	143	21	53	145	99	142	94
	IV	140	17	93	94	157	142	24	59	69	148	160	135

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APPENDIX - IV Contd..

Dakshina Kannada:

Primary Health Centre	Week	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Surutkal	I	106	111	107	106	106	109	109	110	110	110	90	81
	II	108	110	107	105	96	110	110	109	111	107	67	83
	III	106	110	107	104	96	108	109	109	111	107	34	85
	IV	109	110	107	104	105	95	104	109	111	107	13	66
Ullal	I	103	135	121	114	103	127	73	105	83	107	96	103
	II	104	122	114	119	60	137	109	118	73	105	99	105
	III	80	125	109	125	73	69	113	109	101	101	103	81
	IV	57	126	70	85	73	73	115	113	82	90	95	92
Kcta	I	108	104	103	106	106	102	95	97	84	104	99	91
	II	108	104	107	105	106	97	103	97	84	101	97	88
	III	106	105	107	104	107	103	105	98	79	100	86	88
	IV	106	107	108	105	106	106	106	98	84	98	98	95
Brahmwar	I	113	118	140	128	127	41	92	102	118	99	59	94
	II	121	111	142	94	124	92	101	121	118	97	61	92
	III	134	125	101	95	127	81	89	130	110	93	59	86
	IV	93	136	99	89	50	34	69	135	88	90	59	80

APPENDIX - Iv (Contd.)

Gulbarga District

Primary Health Centre	Week	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Narona	I	123	93	135	54	114	97	82	-	135	128	98	91
	II	126	137	139	58	97	98	82	-	135	130	129	90
	III	140	139	55	23	97	82	69	78	135	130	145	101
	IV	83	139	53	112	97	82	50	126	137	101	146	101
Maddanhipparge	I	131	151	145	111	173	67	68	-	68	151	81	68
	II	130	118	151	153	146	67	110	-	61	138	67	75
	III	144	124	152	166	173	-	81	-	67	60	60	151
	IV	130	145	151	173	173	-	80	-	61	75	68	144
Farhatabad	I	173	152	217	95	152	91	143	199	99	103	142	125
	II	108	100	108	35	152	91	113	108	103	112	103	99
	III	106	108	108	56	95	95	108	91	103	112	185	138
	IV	91	78	134	17	74	57	30	203	90	52	73	73
Kamalpur	I	112	104	168	161	155	171	177	170	111	123	104	117
	II	-	69	130	103	96	109	110	114	123	135	35	129
	III	-	42	97	131	136	140	134	134	121	132	58	40
	IV	-	-	61	61	93	23	96	78	154	166	-	73

APPENDIX - Iv (Contd.)

Mysore District

Primary Health Centre	Week	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Chamarajnagar	I	118	122	127	106	118	113	118	54	125	123	122	105
	II	130	125	124	110	118	117	57	66	106	123	123	112
	III	127	123	121	90	120	119	17	38	87	114	108	107
	IV	102	110	99	107	106	33	-	40	82	101	59	78
Ummatur	I	167	153	150	153	158	98	-	111	154	132	111	108
	II	166	155	107	153	159	45	-	109	145	145	108	108
	III	160	100	75	153	110	-	-	89	89	108	109	56
	IV	55	65	-	154	75	-	-	52	152	106	109	36
Elwal	I	74	107	104	102	103	106	109	106	110	104	104	104
	II	73	91	102	108	107	105	108	106	103	95	102	99
	III	71	101	120	109	111	106	109	106	97	103	105	99
	IV	53	74	102	109	109	98	80	98	95	108	104	101
S.R.Hundi	I	97	94	86	97	102	95	98	99	97	113	118	116
	II	93	90	87	97	102	100	96	99	103	113	117	113
	III	94	91	63	101	97	95	94	102	102	99	114	113
	IV	85	91	90	99	96	100	94	-	99	108	115	113



APPENDIX - IV A

Index of response (Sub-centre ) - 1977  
level

Belgaum district

Primary Health  
Centre/sub-  
centre

Week    January    February    March    April    May    June    July    August    Sept.    Oct.    Nov.    Dec.

Uchagaon

Aste	I	79	90	106	97	86	107	106	94	106	120	101	120
	II	117	86	104	85	89	106	104	82	106	120	102	120
	III	85	64	104	85	110	106	104	82	106	120	106	120
	IV	87	89	109	84	110	107	106	82	96	120	106	120

Ucnagaon

	I	142	89	89	94	95	87	120	130	132	129	46	74
	II	84	94	94	94	104	87	116	130	132	92	67	91
	III	79	98	98	94	104	100	116	130	132	61	89	70
	IV	95	91	88	94	104	102	116	130	132	88	72	69

Marihal

	I	-	-	49	81	91	100	117	121	116	86	120	120
	II	-	-	55	34	80	94	112	121	113	97	120	120
	III	-	-	-	103	92	107	111	114	114	87	120	115
	IV	-	-	-	75	96	34	106	79	79	90	108	110

APPENDIX - IV A Contd....

Belgaum district

Index of response (sub-centre ) - 1977  
level

Primary Health Centre/sub- centre	Week	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Honaga	I	111	101	124	93	63	142	96	172	123	104	114	-
	II	96	111	130	100	97	120	136	172	65	83	124	-
	III	96	95	116	100	108	90	169	84	108	83	145	--
	IV	96	81	99	36	106	106	151	164	108	95	116	-
Kalakamba	I	124	89	89	76	111	99	111	115	87	118	204	60
	II	112	89	89	63	93	85	107	115	107	64	128	97
	III	126	89	89	107	101	85	81	116	114	64	126	-
	IV	116	89	89	110	93	79	65	114	100	-	121	-
Kakati	I	-	92	77	65	75	108	129	143	125	122	103	106
	II	-	-	72	52	84	119	110	144	135	104	103	91
	III	-	-	66	63	81	125	120	70	131	104	94	76
	IV	-	-	14	63	96	128	142	137	131	93	106	-
Chargad	I	99	108	94	100	101	55	72	-	-	48	142	162
	II	85	105	106	97	106	92	72	-	-	29	160	156
	III	99	104	103	103	110	185	76	-	-	33	137	-
	IV	94	101	91	100	110	-	76	-	-	49	153	-

APPENDIX - IV A Contd....

Belgaum district

Index of response (sub-centre.) - 1977  
level

Primary Health  
Centre/sub-  
centre

Week Jan. Feb. March April May June July August sept. Oct. Nov. Dec.

Hirebagewadi

Hirebagewadi	I	56	95	106	106	90	112	112	112	118	-	118	28
	II	84	90	101	112	106	112	112	118	-	-	112	106
	III	-	95	62	46	112	112	112	112	-	-	124	90
	IV	-	95	101	-	112	112	28	118	-	-	124	101

Mutnal

	I	-	100	100	100	100	100	100	100	100	113	100	100
	II	-	100	-	100	100	100	100	98	100	105	99	100
	III	100	99	100	100	100	100	100	99	-	-	99	100
	IV	100	98	100	100	100	100	100	100	-	-	100	100

Peeranwadi

	I	-	92	110	110	-	49	120	111	-	-	-	130
	II	92	92	110	112	112	65	116	87	108	-	-	138
	III	73	110	-	75	110	52	117	93	-	-	116	123
	IV	92	110	110	-	112	62	111	91	-	-	122	116

Naganoor

Naganoor	I	98	79	79	70	83	110	63	111	95	85	111	111
	II	73	42	95	79	95	113	95	111	111	100	104	111
	III	71	82	104	95	96	112	95	127	95	104	87	127
	IV	-	95	104	94	112	102	95	47	95	104	106	114

APPENDIX - IV.A Contd....

Belgaum district

Index of response (sub-centre ) - 1977  
level

Primary Health

Centre/sub-centre      Week    Jan.    Feb.    March    April    May    June    July    Aug.    Sept.    Oct.    Nov.    Dec.

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Figadi	I	98	111	89	86	99	115	-	113	126	109	142	-
	II	98	110	93	57	111	117	-	110	126	174	-	-
	III	81	49	90	92	111	58	-	112	140	142	-	-
	IV	95	34	89	99	85	-	-	-	138	111	-	-

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Wakundi	I	91	96	93	88	88	94	-	132	115	115	111	-
	II	93	107	90	69	84	103	-	115	119	115	-	-
	III	91	109	-	17	-	88	-	-	132	115	-	-
	IV	-	126	91	89	56	-	-	-	-	-	-	-

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Vannar	I	103	114	97	116	94	125	-	-	95	-	46	-
	II	73	100	90	117	94	124	-	102	95	105	-	-
	III	102	103	106	93	102	129	-	89	97	139	-	-
	IV	107	119	-	103	119	-	-	-	96	78	-	-

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Kittor

Kittoor	I	141	139	18	102	125	143	62	49	50	147	149	133
	II	132	54	17	125	153	143	79	125	77	122	88	100
	III	120	17	81	113	85	144	21	54	146	100	144	95
	IV	141	17	94	84	159	144	24	60	69	149	161	136

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APPENDIX -IV A Contd....

Belgaum district

Index of response (sub-centre.) - 1977  
level

Primary Health  
centre/sub-  
centre

Week	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
<hr/>													
Amdidagatte	I	141	139	18	102	125	143	62	49	50	147	149	133
	II	132	54	17	125	153	143	79	125	77	122	88	100
	III	120	17	81	113	85	144	21	54	146	100	144	95
	IV	141	17	94	84	159	144	24	60	69	149	161	136
<hr/>													
Balwadi	I	141	139	18	102	125	143	62	49	50	147	149	133
	II	132	54	17	125	153	143	79	125	77	122	88	100
	III	120	17	81	113	85	144	21	54	146	100	144	95
	IV	141	17	94	84	159	144	24	60	69	149	161	136
<hr/>													
<u>Dakshina kannada</u>													
<u>suratkal</u>													
Ludya	I	100	106	102	102	100	103	104	104	105	103	103	77
	II	102	106	103	100	102	102	106	104	107	98	103	84
	III	100	104	101	99	102	101	104	103	106	98	57	89
	IV	102	104	102	98	102	103	106	105	106	98	-	89

APPENDIX - IV A Contd....

Dakshina Kannada district      Index of response (sub-centre.) -1977  
level

Primary Health  
Centre/sub-  
centre

Week	Jan.	Feb.	March	April	May	June	July	August	sept.	Oct..	Nov.	Dec.
<hr/>												
Hosapettu	I	105	105	105	105	104	105	104	103	105	104	- 91
	II	104	104	105	106	70	105	103	102	104	105	- 87
	III	100	104	106	104	71	105	104	100	106	105	- 91
	IV	104	106	104	106	96	105	70	104	106	104	- -
<hr/>												
Mulki	I	100	107	104	100	104	106	106	106	108	108	105 64
	II	105	107	100	96	93	109	108	108	108	107	42 64
	III	105	108	102	102	91	106	106	108	107	108	- 63
	IV	107	107	104	100	103	101	108	108	108	107	- 58
<hr/>												
Hapangadi	I	101	102	100	96	93	100	102	103	102	104	<del>105</del> 98
	II	102	101	102	93	93	103	100	101	103	99	105 101
	III	98	103	101	91	93	103	103	101	103	95	105 101
	IV	102	103	99	91	93	-	101	96	103	102	105 98
<hr/>												
<u>Ullal</u>												
Ullal	I	69	127	122	104	81	104	104	82	41	104	93 104
	II	69	84	104	104	82	127	104	126	41	104	93 104
	III	69	89	91	127	104	90	127	93	105	104	104 69
	IV	81	91	92	139	104	104	104	93	105	93	93 69

APPENDIX - IV A      Contd...

Dakshina Kannada District

Index of response (sub-centre ) - 1977  
level

Primary Health  
Centre/sub-  
centre

week	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<hr/>												
Palupadagi	I	78	101	107	105	82	116	98	93	97	-	-
	II	78	101	107	105	82	116	98	93	-	48	-
	III	78	125	107	113	109	125	100	101	-	48	-
	IV	78	125	129	113	109	116	90	104	-	-	-
<hr/>												
Mannar	I	119	133	100	100	100	123	-	91	86	110	100
	II	119	133	100	110	-	123	81	91	91	91	100
	III	63	130	100	100	-	-	70	91	91	81	95
	IV	-	130	-	-	-	-	91	91	95	81	100
<hr/>												
Jeppinamogaru	I	76	82	89	91	95	97	107	111	89	96	85
	II	82	97	89	91	95	103	109	111	89	97	101
	III	82	97	89	95	99	99	111	111	106	102	98
	IV	82	97	91	95	99	99	125	123	-	100	81
<hr/>												
<u>Kota</u>												
Galiyar	I	118	111	111	115	106	84	85	100	100	99	98
	II	118	116	112	113	108	85	84	102	100	99	98
	III	118	116	105	105	112	86	85	99	99	98	95
	IV	110	113	109	110	110	96	84	99	99	90	95
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APPENDIX - IV A Contd.,

Dakshina Kannada district

Index of response (sub-centre level) - 1977

Primary Health Centre/sub- centre	Week	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Manoor	I	98	88	102	89	89	95	98	113	-	113	109	111
	II	98	88	103	88	88	92	95	111	-	111	113	109
	III	88	88	106	86	86	94	98	115	-	107	107	111
	IV	95	98	110	88	88	94	96	111	-	107	113	113
Kotathattu	I	107	107	107	107	115	108	75	94	97	99	79	66
	II	107	107	107	107	115	93	116	94	98	89	71	66
	III	107	107	107	107	115	118	121	98	77	89	33	72
	IV	107	107	107	107	115	118	121	99	99	83	89	84
Bannady	I	101	101	101	101	101	101	102	97	109	101	101	88
	II	101	101	101	101	101	101	102	96	109	101	101	86
	III	101	101	101	101	101	101	102	96	109	101	96	87
	IV	101	101	101	101	101	101	109	97	109	101	88	88
Karkada	I	100	100	100	100	100	100	100	100	100	100	100	100
	II	100	100	100	100	100	100	100	100	100	100	100	100
	III	100	100	100	100	100	100	100	100	100	100	100	100
	IV	100	100	100	100	100	100	100	100	100	100	100	100



APPENDIX - IV A. Konta...

Dakshina Kannada district

Index of response (sub-centre - 1977  
level)

Primary Health Centre/sub- centre	Week	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Pandeshwar	I	119	111	83	119	116	108	105	59	103	97	99	83
	II	120	108	114	118	116	98	102	59	99	97	92	83
	III	117	115	114	119	119	99	105	59	99	97	92	72
	IV	115	115	114	118	116	99	105	59	99	99	92	89
<hr/>													
<u>BrahmaVara</u>													
Varanbaili	I	106	114	114	97	97	83	83	84	109	100	-	102
	II	107	114	114	97	97	73	88	111	109	103	-	102
	III	107	115	114	97	97	82	76	126	55	96	-	87
	IV	107	117	114	97	97	76	83	127	-	96	-	74
<hr/>													
Uppoor	I	149	91	165	142	147	80	70	64	98	97	78	89
	II	137	57	165	-	147	65	62	88	98	91	82	77
	III	160	111	-	-	150	65	62	88	98	88	85	77
	IV	-	158	-	-	-	-	-	88	98	78	89	73
<hr/>													
Karje	I	65	83	107	102	104	109	103	116	43	114	90	94
	II	65	96	104	108	104	112	101	116	113	109	103	101
	III	101	100	106	113	94	102	101	109	113	109	99	87
	IV	101	100	96	96	-	-	-	113	114	107	99	84

APPENDIX - IV A. Contd...

Dakshina Kannada district

index of response (sub-centre) - 1977  
level

Primary health Centre/sub- Centre	week	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Kunjai	I	114	102	97	102	99	81	98	86	113	114	106	115
	II	102	98	110	102	99	61	105	86	113	114	106	116
	III	102	98	110	101	103	55	99	114	109	109	98	116
	IV	92	91	107	101	95	-	99	114	82	109	98	114
Kakkerne	I	37	111	111	108	101	101	49	98	128	-	-	-
	II	96	111	111	108	84	97	84	120	73	-	-	-
	III	101	111	110	106	97	49	85	120	120	-	-	-
	IV	105	111	110	94	-	-	99	136	120	-	-	-
Chantar	I	-	-	-	-	-	-	-	-	102	97	-	89
	II	-	-	-	-	-	-	-	-	102	68	-	89
	III	-	-	-	-	-	-	-	-	146	86	-	89
	IV	-	-	-	-	-	-	-	-	149	103	-	89
Havanje	I	-	-	-	44	69	89	76	75	104	114	111	110
	II	-	-	-	49	76	72	76	75	104	114	108	117
	III	-	-	-	64	70	69	83	83	110	114	108	114
	IV	-	-	-	-	84	79	89	89	110	114	106	124

APPENDIX - IV A    Conta...

Gundarga district

index of response (sub-centre.) - 1977  
level

Primary health Centre/Suo- centre	Week	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<u>Narone</u>													
Narone	I	100	-	100	-	100	100	100	-	100	100	100	100
	II	100	100	100	-	100	100	100	-	100	100	100	100
	III	100	100	-	-	100	100	100	100	100	100	100	100
	IV	100	100	-	100	100	100	100	100	100	100	100	100
<u>Kamalanagar</u>													
Kamalanagar	I	93	93	93	93	93	-	-	-	108	108	108	108
	II	93	93	93	93	-	-	-	-	108	108	108	108
	III	93	93	93	93	-	-	-	-	108	108	108	108
	IV	93	93	93	93	-	-	-	93	108	108	108	108
<u>V.K.Saragar</u>													
V.K.Saragar	I	90	103	90	103	-	-	-	-	124	98	109	83
	II	103	93	103	103	-	-	-	-	124	109	103	75
	III	93	103	103	-	-	-	-	103	124	109	103	-
	IV	-	93	103	-	-	-	-	103	134	-	109	-
<u>Badmugli</u>													
Badmugli	I	-	118	85	67	113	106	-	-	-	-	-	-
	II	-	97	85	94	101	108	-	-	-	-	-	-
	III	118	86	72	83	104	-	-	-	-	-	110	-
	IV	118	108	94	95	106	-	-	-	-	-	108	-

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APPENDIX - IV A Contd...

Gulbarga district

Index of response (sub-centre ) - 1977  
level

Primary Health Centre/Sub- centre	week	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Rudravadi	I	101	101	101	-	101	101	101	-	101	101	-	-
	II	101	101	101	-	101	101	101	-	101	101	101	-
	III	101	101	-	-	101	101	61	-	101	101	101	101
	IV	-	101	-	101	101	101	-	101	101	101	101	101
<hr/>													
<u>Madanahippege</u>													
Madanahippege	I	102	111	102	30	102	101	102	-	103	122	122	102
	II	101	51	101	82	62	101	102	-	92	102	101	112
	III	121	71	103	102	103	-	122	-	101	90	91	122
	IV	107	102	101	103	102	-	121	-	91	112	103	112
<hr/>													
Kudganchi	I	77	94	94	111	128	-	-	-	-	86	-	-
	II	77	103	103	120	128	-	51	-	-	86	-	-
	III	77	94	103	120	128	-	-	-	-	-	-	86
	IV	68	94	103	128	128	-	-	-	-	-	-	86
<hr/>													
<u>Farahatabad</u>													
Farhatabad	I	105	105	105	105	105	105	105	104	94	94	94	94
	II	105	105	105	-	105	105	105	104	94	-	94	94
	III	105	105	105	-	105	105	105	104	94	-	94	94
	IV	105	-	105	-	105	105	-	104	94	-	02	56

APPENDIX -IVA Contd.....

Gulbarga district

index of response (sub-centre) - 1977  
level

Primary Health Centre/Sub-centre	Week	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Pargur	I	103	103	103	103	103	103	103	103	96	96	96	96
	II	103	103	103	-	103	103	103	103	96	96	96	96
	III	90	77	103	-	103	103	103	103	96	96	96	122
	IV	-	-	103	-	103	103	-	103	96	-	96	77
Nagargundi	I	124	83	206	-	74	-	66	165	-	-	74	74
	II	-	-	-	-	74	-	-	-	-	74	-	-
	III	-	-	-	74	-	-	-	-	-	74	206	74
	IV	-	74	74	-	-	-	-	206	-	-	-	-
Ferozabad	I	109	109	97	109	109	97	97	109	85	97	97	73
	II	109	121	109	97	109	97	109	97	97	109	97	109
	III	109	109	109	-	109	109	109	48	97	109	73	73
	IV	97	109	109	-	-	-	85	109	109	97	73	109
Bersarodgi	I	109	81	109	-	109	-	109	109	109	109	109	54
	II	81	-	81	-	109	-	109	109	109	109	109	54
	III	81	109	81	109	-	-	81	109	109	109	-	109
	IV	109	-	-	109	109	-	-	-	-	109	-	-

APPENDIX - IV A Contd....

Gulbarga district

Index of response (sub-centre) - 1977  
level

Primary Health Centre/Sub- centre	Week	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<u>Kannalapur</u>													
Kannalapur	I	187	173	137	173	154	173	173	173	58	58	173	58
	II	-	115	115	69	50	69	58	58	77	77	58	77
	III	-	69	69	115	115	115	96	96	67	67	96	67
	IV	-	-	-	-	38	115	31	-	115	121	-	121
<u>Manganon</u>													
Manganon	I	-	-	76	78	86	92	100	90	104	122	-	113
	II	-	-	84	84	91	93	104	109	112	122	-	113
	III	-	-	76	84	91	97	104	104	111	126	-	-
	IV	-	-	84	84	95	-	106	107	116	128	-	-
<u>Mysore district</u>													
<u>Chamarajanagar</u>													
Uaigala	I	117	105	117	99	99	72	108	99	99	108	90	72
	II	117	111	117	117	99	108	108	99	108	108	108	72
	III	126	104	108	99	108	108	-	-	-	76	90	73
	IV	-	114	-	108	108	108	-	-	-	117	90	-
<u>V.Chatra</u>													
V.Chatra	I	102	112	116	114	105	109	102	66	77	85	93	102
	II	116	110	110	101	104	98	-	110	77	85	93	93
	III	96	112	109	111	102	102	-	85	85	74	102	77
	IV	116	116	112	112	102	97	-	87	77	93	93	85

APPENDIX - IV A Contd.....

Mysore district

Index of response (sub-centre) - 1977  
level

Primary health Centre/sub- centre	Week	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Yanganahalli	I	108	108	108	-	115	115	96	7	108	107	108	81
	II	108	121	108	-	94	115	-	-	-	106	94	94
	III	114	120	108	-	94	114	-	-	-	109	-	94
Basavapura	I	94	98	104	105	100	101	84	95	101	115	108	62
	II	94	98	103	104	100	94	89	106	104	113	100	91
	III	96	98	96	109	108	102	89	98	112	114	103	92
	IV	93	95	95	109	99	89	-	106	101	111	99	98
Kotnalwadi	I	115	95	94	101	91	95	100	-	115	108	109	97
	II	115	94	94	101	102	95	-	-	115	108	112	106
	III	111	92	94	102	102	95	-	-	115	107	112	106
	IV	98	93	94	101	102	95	-	-	111	-	-	104
Arkulwadi	I	61	100	106	99	92	86	107	-	92	104	112	112
	II	106	106	99	106	99	86	91	-	106	103	112	112
	III	101	101	101	-	91	86	-	-	107	105	112	103
	IV	106	107	101	-	97	-	-	-	107	92	-	91

APPENDIX -VI Contd....

Mysore district

index of response (sub-centre ) - 1977  
level

Primary Health  
Centre/Sub-  
centre

Week Jan. Feb. March April May June July Aug. Sept. Oct. Nov. Dec.

Umnattur

Umnattur	I	96	100	95	99	104	101	-	102	101	99	102	98
	II	102	103	99	102	105	-	-	99	101	95	100	99
	III	99	-	102	101	103	-	-	101	99	99	100	-
	IV	-	-	-	101	102	-	-	98	101	95	98	-

Galipura

Galipura	I	105	105	105	105	105	-	-	105	105	105	110	105
	II	105	105	105	105	105	-	-	105	105	105	102	105
	III	105	105	105	105	105	-	-	-	105	105	104	105
	IV	105	105	-	105	105	-	-	-	105	105	110	-

Harve

Harve	I	139	98	100	100	105	100	-	-	99	53	-	-
	II	128	100	-	98	106	100	-	-	79	-	-	-
	III	119	100	-	98	-	-	-	-	84	-	-	-
	IV	-	100	-	100	-	-	-	-	95	-	-	-

Kuageru

Kuageru	I	97	101	98	102	102	-	-	102	102	102	102	102
	II	98	101	97	100	101	-	-	102	101	81	101	100
	III	98	99	-	100	100	-	-	101	102	99	101	100
	IV	98	-	-	101	-	-	-	-	102	101	102	102



-APPENDIX - IV A Contd.....

mysore district

Index of response (sub-centre ) - 1977  
level

Primary health centre/sub- centre	week	Jan.	Feb.	march	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<u>Elwal</u>													
Elwal (A)	I	100	100	105	104	101	101	100	101	120	101	101	101
	II	107	100	98	101	99	103	100	100	104	101	101	85
	III	106	88	93	103	110	86	101	100	103	100	100	88
	IV	100	103	102	102	100	86	100	100	102	101	101	105
<u>Elwal (B)</u>													
Elwal (B)	I	110	109	83	90	130	124	112	110	109	109	116	109
	II	96	94	77	90	110	107	109	110	72	109	73	72
	III	77	78	98	98	110	108	109	110	109	81	106	73
	IV	110	50	89	110	111	108	109	110	109	110	109	72
<u>Belwadi</u>													
Belwadi	I	-	101	92	85	81	91	111	101	107	101	101	99
	II	-	42	92	114	104	90	109	102	107	101	106	108
	III	-	106	92	115	110	110	113	102	89	100	106	108
	IV	-	-	92	112	107	110	-	95	83	108	108	102
<u>Kallur</u>													
Kallur	I	101	93	93	94	95	113	106	112	103	75	105	99
	II	93	93	94	95	106	117	112	115	98	-	105	99
	III	95	84	85	87	103	117	112	115	70	99	105	99
	IV	-	84	102	102	106	117	112	106	70	99	105	99

APPENDIX-IV AContd.....

Mysore district

Index of response (sub-centre ) 1977  
level

Primary Health  
Centre/Sub-  
centre

Week	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
<hr/>													
Jayapura (A&B)	I	66	121	123	118	112	111	108	104	91	113	88	102
	II	61	122	123	119	110	109	105	103	97	109	96	102
	III	61	118	247	116	108	111	103	101	90	108	96	110
	IV	-	104	104	104	109	56	95	66	90	102	85	110
<hr/>													
Hoskote	I	101	100	102	100	104	98	100	100	101	101	101	100
	II	101	100	103	99	104	99	101	99	101	100	100	100
	III	100	100	102	99	102	100	100	99	101	100	100	100
	IV	100	139	101	102	103	100	100	101	100	101	100	98
<hr/>													
<u>S.k.Hundi</u>													
S.k.Hundi	I	103	99	60	87	102	87	87	87	87	145	145	145
	II	102	73	60	87	102	102	87	87	87	145	145	145
	III	103	73	61	102	87	87	78	87	87	145	145	145
	IV	65	73	61	192	87	87	78	87	87	146	145	145
<hr/>													
Varakodu	I	86	83	89	92	99	100	104	104	107	107	107	107
	II	86	83	90	92	99	100	104	108	107	107	107	107
	III	86	83	90	92	100	100	104	122	107	107	107	107
	IV	86	89	91	98	100	102	104	107	107	107	107	107
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APPENDIX -IV A Contd.....

Mysore district

Index of response (sub-centre ) - 1977  
level

Primary Health Centre/sub- centre	week	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Kudakora	I	87	89	91	90	91	91	101	101	109	117	117	117
	II	87	89	91	90	91	91	96	101	116	117	117	117
	III	87	89	91	91	91	91	94	102	116	117	117	117
	IV	87	91	91	91	91	94	101	94	116	117	117	117
Varuna	I	105	102	105	103	106	95	100	102	95	100	109	90
	II	105	105	105	105	107	107	104	101	105	93	107	90
	III	105	105	105	107	106	80	103	103	103	80	80	90
	IV	105	105	105	107	106	106	94	93	103	101	83	85
Udgoor	I	100	97	97	108	111	101	100	103	102	96	108	107
	II	88	103	99	108	110	104	96	101	102	96	107	98
	III	92	104	96	109	104	106	99	103	102	55	106	98
	IV	99	100	105	99	102	109	98	103	90	73	107	99

A P P E N D I X - V

Quantity of Food suppliment distributed during 1977  
at selected primary Health Centres (in kgs.)  
in Belgaum District.

Months	Uchagaon	Hirebagewadi	Naganoor	Kittoor	Total
January	1,598.24	1,191.12	1,584.24	5,369.28	9,742.88
February	1,538.88	2,655.52	1,904.00	2,276.40	8,374.80
March	2,109.52	2,836.24	1,992.48	2,884.56	9,872.80
April	2,641.52	2,146.48	1,737.68	4,352.38	10,878.56
May	2,788.24	2,764.16	2,073.12	5,439.40	13,064.92
June	2,978.64	3,236.80	1,977.92	5,762.96	13,956.32
July	3,581.76	2,751.28	492.80	1,366.48	8,692.32
August	3,058.16	3,117.52	1,775.20	2,389.60	10,340.48
September	2,886.24	396.00	2,351.44	4,769.52	10,903.20
October	2,553.60	253.68	2,250.08	5,186.16	10,243.52
November	3,607.52	3,424.40	1,246.00	5,434.80	13,712.72
December	2,172.80	2,693.60	654.08	5,908.56	11,429.04
<b>Total:</b>	<b>31,515.12</b>	<b>28,016.80</b>	<b>20,039.04</b>	<b>52,140.60</b>	<b>1,31,711.56</b>

A P P E N D I X - VI

Quantity of Food supplement distributed during  
1977 at selected Primary Health Centres (in kgs.)  
in Dakshina Kannada District.

Months	Suratkal	Ullal	Kota	Brahmavar	Total
January	3,735.76	1,977.92	3,287.20	2,180.08	11,180.96
February	3,732.96	2,923.76	3,234.56	2,212.56	12,103.84
March	4,270.56	2,681.28	3,543.12	2,432.64	12,927.60
April	3,696.00	2,551.36	3,598.56	1,972.32	11,818.24
May	3,505.04	1,945.44	3,271.52	2,195.76	10,917.76
June	4,216.80	2,903.60	3,591.28	1,792.56	12,504.24
July	3,661.84	2,587.20	3,501.12	2,082.64	11,832.80
August	3,798.48	2,937.20	3,231.76	2,851.52	12,818.96
September	4,585.84	1,947.12	2,803.36	2,847.04	12,183.36
October	3,762.08	2,316.16	3,260.38	2,425.92	11,765.04
November	1,728.16	2,557.52	3,161.20	1,669.92	9,116.80
December	2,952.32	2,192.40	3,284.96	2,308.88	10,738.56
Total:	43,645.84	29,520.96	39,769.52	26,971.84	1,39,908.16

A P P E N D I X - VII

Quantity of Food Supplement distributed during 1977 at selected Primary Health Centres (in Kgs.) in Gulbarga district.

Months	Narane	Maddanipparage	Farthatabad	Kamalapur	Total
January	3727.36	1962.80	2312.28	544.32	9046.76
February	4012.96	1974.56	2432.64	1041.60	9461.76
March	3315.76	2200.80	3548.16	2213.12	11277.84
April	1985.20	2801.12	1158.03	2212.50	8156.90
May	3195.76	2441.04	2784.32	2650.48	11071.20
June	3475.36	493.36	2316.16	2150.50	8435.38
July	2232.16	1504.72	2242.24	2508.24	8487.36
August	1366.48	-	3416.00	2794.96	8077.44
September	4813.20	943.04	2439.36	2489.76	10685.36
October	3857.28	1552.32	2149.84	3096.24	10655.68
November	4341.12	1015.84	2858.24	952.00	9167.20
December	3558.30	1605.52	2661.12	1740.48	9565.92
Total	40331.04	18495.12	30818.44	24394.20	114038.80

A P P E N D I X - VIII

Quantity of Food Supplement distributed during 1977 at selected Primary  
Health Centres (in kgs.) in Mysore District

Months	Chamarajanagar	Ummatur	Yelwal	S.R. Hundi	Total
January	3102.96	3166.24	2391.76	2368.32	11529.28
February	3114.16	3158.96	2909.76	2988.16	12171.04
March	3346.00	1930.72	3771.60	3245.20	12343.52
April	2859.36	3884.16	3535.84	3039.12	13318.48
May	3136.00	3002.72	3512.32	3318.50	12969.54
June	2956.24	854.56	3687.60	3468.08	10961.48
July	1250.48	-	3172.96	2961.34	7385.28
August	1283.52	2161.04	3314.64	3468.64	10227.84
September	2601.76	3732.24	3427.76	3468.64	13280.40
October	2997.12	2788.24	3437.84	3542.56	12765.76
November	2819.04	3049.20	3493.32	3911.60	13278.16
December	2769.20	2056.32	3531.36	3876.88	12233.76
Total	32235.84	29884.40	40136.76	40157.54	142464.54

A P P E N D I X - I X

Quantity of Food Supplement distributed during 1977  
(in kgs.) in selected districts in the state.

Months	Gulbarga	Mysore	South Kanara	Belgaum	Total
January	9040.76	11529.28	11180.96	9742.88	41493.88
February	9461.76	12171.04	12103.84	8374.80	42111.44
March	11277.34	12343.52	12927.60	9872.80	46421.76
April	8156.90	13313.48	11313.24	10878.56	44172.18
May	11071.20	12969.54	10917.76	13064.92	48023.42
June	8435.38	10961.48	12504.24	13956.32	45857.42
July	8487.36	7385.28	11832.80	8692.32	36397.76
August	8077.44	10227.84	12818.96	10840.48	41964.72
September	10685.36	13280.40	12133.36	10903.20	47052.32
October	10655.68	12765.76	11765.04	10243.52	45430.00
November	9167.20	13278.16	9116.80	13712.72	45274.88
December	9565.92	12233.76	10738.56	11429.04	43967.28
Total	114082.80	142464.54	139908.16	131711.56	528167.06



A P P E N D I X - X

'Details of equipment and other Facilities' supplied by CARE to P.H.C.S.

District/ Centres	Weighing seals	Measur- ing cup	Growth charts	Benefi- ciary cards	Health Edu- cation mat- erials	Records	Others if any	Storage facili- ties.
1	2	3	4	5	6	7	8	9
<u>BELGAUM</u>								
Uchagoan Q.	6	6	2,000	500	-	20 registers	-	Balahar stored temporarily in Annex building which is not upto the marks
	D. 6.5.77	6.5.77	6.5.77	6.5.77	-	6.5.77	-	
Hire- Bagewade Q.	3	3	1,450	1,450	3 sets	18	-	In P.H.C. building
	D. 6.5.77	Aug. 76	1977	1977	19.6.78	Aug. 76	-	
Naganur Q.	4	6	2,000	1,250+ 500	10	Form No.3 & weekly disstri- bution Register.	-	
	D. 5.5.77	2.8.76	5.5.77	20.8.76 2.1.78	20.8.76	20.8.76	-	
Kittor Q.	3	-	2,000	2,000	5	Despatch slip-1 Registers-5	-	
	D. 5.5.77	-	5.5.77	16.12.77	5.5.77	16.12.77	-	

APPENDIX - X (contd..)

1	2	3	4	5	6	7	8	9
<u>DAKSHINA KANNADA:</u>								
Surath- kal	Q. 4	4+4	1,900	1,700+ 1,700+ 2,000	4 sets posters	Sufficient quantity	-	Quarters for storage
	D. Dec.76	Jan. 75 Dec. 76	N.F.	June 75 Dec. 76 Jan. 78	Dec. 76	N.F.	-	
Ullal	Q. 4	10+4	2,000	1,000	5 sets	10	-	No Godown In a res- idential quarters
	D. N.F.	N.F.	N.F.	N.F.	N.F.	N.F.		
Brahma- var	Q. 6	10	2,000	1,750	10	2	Monthly repo- rt form 150, 200 despatch slip	
	D. July 75	Oct.75	July 75	July 75	July 75	July 75		
Kota	Q. 6	10+11	1,700	1,700x3	Supplied	15 x 3	-	
	D. June75	June 75 July 76	June 75	June 75 July 76 Nov. 77	July 76	June 75 July 76 Nov. 77	-	

APPENDIX - X (contd.)

1	2	3	4	5	6	7	8	9
<u>GULBARGA</u>								
Narona	Q. 4	10	1,800	1,800	5 Bundles	-	-	Balhar stored in P.H.C. premises.
	D. 22.4.76	5.7.76 20.11.77	5.7.76	22.9.76	20.12.76	-	-	
Maddan Hipparge	Q. 1	1	660	660	Yes	-	-	Adequate
	D. 6.7.76	6.7.76	6.7.76	6.7.76	6.7.76	-	-	
Farhatabad	Q. -	3	5	1,600	-	-	-	
	D. -	1975	1975	1975	-	-	-	
Kamala-pur	Q. 2	-	2,000	2,000	2,000	-	-	
	D. 10.1.76		75	75	10.1.76	-	10.1.76	



APPENDIX - X (Contd.)

1	2	3	4	5	6	7	8	9
<u>MYSORE:</u>								
C.R.Nagar	Q.	6	16	2,000	5,150	6	6	2,000 Plastic cassettes
	D.	Oct. 75	July 75	N.F.	N.F.	N.F.	N.F.	-
Umathur	Q.	4	10	2,000	5,000	8	6	2,000 Hospital wards & A.N.M.S. House
	D.	Oct. 75	N.F.	N.F.	N.F.	N.F.	N.F.	-
Yelwal	Q.	6	6	3,000	1,700	-	-	P.H.C.(FP) Room.
	D.	1975	1975	1978	1978	-	1978	-
S.R.Hundi	Q.	5	15	1,000	1,000	4 Plastic Pockets	Form.3 (Three)	18
	D.	1976	1976	1976	1976	June 78	-	Feb.78
								In P.H.C. Kitchen Building in sub-centre A.N.M.S. Headquarters

Note : D = Date of supply  
 Q = Quantity  
 NF = Not furnished