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**ECONOMIC AND STATISTICAL
NEWS LETTER**

**VOLUME I
No. 3
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**DIRECTORATE OF ECONOMICS AND STATISTICS
GOVERNMENT OF KERALA**

From the Editor's Desk

This is the third in series of the News letter brought out by this Directorate. In the first two issues we had attempted to give a brief review of the departments functioning from its very inception and also to provide a clear perspective of the various activities of the department at the headquarters and also at the field level. This issue tries mainly to highlight the progress of activities relating to the various sectors of the department during the quarter-under report.

Apart from the progress of activities of the Directorate, two articles one on computation of wholesale price indices and the other on Economic Review—1977 have been appended to this issue. It is hoped that this will be quite informative and useful to the readers.

Suggestions for improvement are solicited.

Trivandrum,
14-6-1983.

K. RAMAVARMA,
Director (Chief Editor).

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AGRICULTURE AND ALLIED SECTORS

1.1. Timely Reporting Survey (Survey on Estimation of Area and Yield Statistics of crops)

Area enumeration on wet 1 and (1st visit) has been completed. The 2nd visit has also been completed in all Districts except Cannanore. Crop Cutting Surveys on paddy (Autumn 1982) was completed and that of winter paddy is in progress. Crop cutting surveys on other perennial and annual crops are also in progress.

Area and production estimates of Agricultural crops during 1980-81 have been finalised. Area and production of Major crops for the state for the year 1980-81 are furnished below. Estimates of area under Autumn Paddy 1982 and production of rice are being prepared. Tabulation of data collected through the dry land survey 1981-82 has been started.

N. GEORGE JOHN,
Additional Director.

S. STHANUKRISHNA IYER,
Joint Director.

Area and production of certain crops during 1980-81

	Area in hectares	Production in tonnes
(1)	(2)	(3)
Rice—Autumn	349243	553748
Winter	354132	548500
Summer	98324	169714
Total	801699	1271962
Tapioca	244990	406011
Coconut	651370	3008 (in million nuts)
Arecanut	61242	10805 (in million nuts)
Cashew	141277	81900
Pepper	108073	28519
Banana	14318	176683
Plantain	34944	140722
Sugarcane	8041	48178
Ginger	12662	32039
Cardamom	54044	3244
Cocoa	23506	3020
Tea	36164	50716
Coffee	57949	23540
Rubber	237769	140333

Districtwise Area, Mean yield of paddy and production of rice during summer 1982.

Districts	Area in hectares	Mean yield of paddy kg./hect.	Production of rice in tonnes
(1)	(2)	(3)	(4)
Trivandrum	1107	1695	1233
Quilon	779	1751	896
Alleppey	28328	4003	74497
Kottayam	7289	3192	15285
Idukki	305	1557	312
Ernakulam	19403	2266	28883
Trichur	22147	2335	33970
Palghat	4018	2591	6840
Malappuram	5628	2186	8082
Kozhikode	2833	2117	3941
Wynad	7328	2683	12915
Cannanore	4535	2171	6467
Total	108700	2837	193321

1.2. Agricultural Census in Kerala

The field work relating to Main census has been completed in all respects in all the Districts and the filled-in-schedules have been received in the District Offices. The tabulation of data collected through the main census is in progress in all the Districts.

The collection of data for the Input Survey part of the census has also been completed in all the Districts. Arrangements are being made for the tabulation of data collected through the Input Survey.

S. RENTABAI AMMAL,
Joint Director.

K. LEELAKUMARI,
Deputy Director.

1.3. Survey on cost of cultivation of important crops

Tabulation of data relating to the study on paddy (Autumn, winter and summer season) is nearing completion as far as the first round of the survey is concerned. Also the tabulation of the data collected during the same round for the remaining crops viz., Coconut, Arecanut, Pepper, Tapioca, Ginger and Turmeric has been taken up during the quarter.

N. GEORGE JOHN,
Additional Director.

2. INDUSTRIES

2.1. Index of Industrial production

Preparation of the quarterly reports on the Index of Industrial production for the quarter ended 30-6-1981 is in progress during the quarter. The Index for the quarter ending 31-3-1981 and the Annual Report for 1980-81 are given below :-

P. J. JOSHUA,
Assistant Director.

Index of Industrial Production

(Base 1970=100)

Industrial code major group	Item	weight	INDEX							
			Quarter ending				Annual			
			March 1980	June 1980	Septem-ber-80	Decem-ber-80	March 1981	1980-81	1979-80	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
General Index			100.00	159.29	179.12	197.15	191.50	180.55	187.10	160.74
20-21	Manufacture of food products	18.15	70.25	194.19	205.68	158.03	106.50	166.10	88.46	
23	Do. Cotton textiles	6.46	104.91	113.28	114.69	125.88	114.10	116.99	102.87	
24	Do. Wood, silk & synthetic fibre textiles	4.14	184.99	80.75	148.59	207.20	222.39	164.73	192.16	
26	Do. Textile products (including wearing apparel other than footwear)	1.57	61.58	66.54	46.32	71.75	50.37	58.75	63.25	
27	Do. Wood & wood products furniture & fixtures	4.08	125.68	120.41	132.40	146.02	121.25	130.02	127.26	
28	Do. Paper & paper products	12.54	92.45	67.32	112.26	108.76	102.90	97.81	92.38	
30	Do. Rubber, plastic, petroleum & coal products	7.00	206.09	158.52	192.33	182.64	164.17	174.42	185.30	

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
31	Manufacture of Chemicals & chemical product (except products of petroleum & coal)	16.50	184.78	197.93	263.63	231.44	233.78	231.47	191.18
32	Do. Non-metric mineral product	3.82	276.08	300.12	272.55	288.75	326.98	297.10	217.18
33	Do. Basic metal & alloys industries	3.33	87.20	165.96	177.64	179.45	166.55	172.40	139.67
34	Do. Metal products & parts except machinery & transport equipment	0.69	417.93	323.66	346.68	351.44	436.43	364.55	337.40
35	Do. Machinery, machine tools and parts (except electrical machinery)	0.16	64.29	167.86	210.71	221.43	110.71	177.68	59.82
36	Do. Electrical machinery apparatus, appliance supplies & parts	2.07	61.53	104.53	132.63	131.23	98.10	116.62	60.92
37	Do. Transport equipment & parts	0.39	99.58	90.53	202.65	115.29	112.55	130.26	126.92
38	Other manufacturing industries	0.54	159.76	188.86	137.78	140.70	127.72	148.77	136.32
40	Electricity	18.56	272.22	281.06	246.39	273.61	277.57	269.66	262.87

3. PRICES STATISTICS

The prices division continued to collect prices and computed index numbers for 15 centres during this quarter also.

The table I below shows the Consumer Price Index Numbers in different centres in the state for the quarter ending December 1982 (October, November and December.)

TABLE I

Consumer Price Index Numbers

(Base 1970=100)

Sl. No.	Centre	October	November	December
1.	Trivandrum	248	251	254
2.	Quilon	256	260	262
3.	Punalur	244	248	251
4.	Alleppey	247	250	253
5.	Kottayam	249	251	254
6.	Mundakayam	242	246	249
7.	Munnar	245	248	249
8.	Ernakulam	241	244	246
9.	Chalakuudy	248	251	254
10.	Trichur	250	254	256
11.	Palghat	244	246	248
12.	Malappuram	245	248	251
13.	Kozhikode	249	252	253
14.	Meppady	254	256	258
15.	Cannanore	242	246	247

2. Wholesale price index numbers

Wholesale prices of the various commodities from selected centres are at present collected under the Market Intelligence Scheme. The main object of the collection of this data is to provide for the benefit of the primary producers, a regular and prompt supply of the daily wholesale rates of important agricultural commodities and their trend. Moreover this regular collection of prices and other related data enables Government to keep a close watch over the changing price situation and take on the spot decisions.

Weekly wholesale prices of 17 agricultural commodities are being regularly collected from 37 centres for computing wholesale price index numbers. These index numbers are being regularly furnished to the Government of India.

The Index Numbers of agricultural commodities for the quarter ending December 1982 are given below:—

TABLE 2

Statement showing the wholesale prices of Agricultural commodities

(Base 1952-53=100)

Months	food grain (Rice)	Molasses	Condiments and spices	fruits and vegetables
(1)	(2)	(3)	(4)	(5)
October 82	318.7	419.7	376.0	740.5
November 82	318.7	479.6	346.8	735.6
December 82	318.7	441.0	355.8	722.4
(6)	(7)	(8)	(9)	(10)
food crops	Oil seeds	Plantation crops	Non food crops	All crops
402.6	858.6	377.6	713.3	516.0
398.9	936.7	380.9	768.8	533.9
396.9	953.5	379.5	780.2	536.8

3 Index Numbers of parity between prices received and paid by farmers

The index numbers of parity indicate the level of the prosperity of the farmers. Prices received do not by themselves give an idea of the prosperity of the farmers unless these are studied in relation to the prices paid by them on items entering domestic and farm expenditure. Changes in the relative levels of prices received and prices paid by the farmers in relation to the base period can be measured by the index of parity between these two. For the computation of parity index numbers this division continued to collect parity index prices of 14 items from 20 centres and computed monthly parity index between prices received and paid by farmers and forwarded to the Government of India during this quarter also. The following table gives the parity index numbers for the quarter ending December 1982.

TABLE 3

Statement showing the parity index numbers between the prices received and paid by the farmers

(Base 1952-53=100)

Month	Index of				
	price received by farmers	Domestic expenditure	Farm cultivation cost	Price paid by farmers	Parity index
(1)	(2)	(3)	(4)	(5)	(6)
October 82	563	541	794	655	86
November 82	570	548	801	663	86
December 82	581	553	804	667	87

4. Agricultural wages

Besides the collection of different types of prices. The data on daily wages of various categories of labour are being collected from 20 villages in the state for the computation of Index Numbers of wages of skilled workers and agricultural workers. The index numbers computed for October November and December 1982 are given in Table 4 below:—

TABLE 4

Statement showing the index numbers of wages of skilled workers and agricultural workers

(Base 1952-53=100)

Month	Skilled labour	Paddy field labour			Other agricultural labour		Heredsmens
		Carpenter	Mason	Men	Women	Men		Women	Children
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
October 1982	955.0	952.5	836.7	1048.3	845.8	1143.5	672.0
November 1982	958.8	957.5	836.7	1048.3	850.7	1148.5	672.0
December 1982	968.0	960.7	144.2	1051.6	856.4	1154.8	672.0

TABLE 5

Statement showing the week end state average retail prices of essential commodities for the 1st week of October 1982 and the last week of December 1982 & its % variation

Sl. No.	Commodities	1st week of October 1982	Last week of December 1982	% variation
(1)	(2)	(3)	(4)	(5)
1 (a)	Rice —O.M. (kg.)	3.11	3.69	119
(b)	White Rice	3.05	3.52	115
2	Greengram (kg.)	4.92	4.52	92
3	Blackgram (kg.)	5.60	4.54	81
4	Redgram (kg.)	4.12	3.82	93
5	Dhall (kg.)	6.73	7.07	105
6	Coconut oil (kg.)	16.37	20.45	125
7	Groundnut oil (kg.)	15.27	15.83	104
8	Refined oil (kg.)	24.55	23.94	98
9	Gingelly oil (kg.)	16.13	16.36	101
10	Tapioca (raw kg.)	0.97	1.02	105
11	Chennai (kg.)	1.35	1.34	99
12	Banana (Green) kg.	3.28	2.86	87

(1)	(2)	(3)	(4)	(5)
13	Milk (cow's) kg.	3.46	3.42	99
14	Egg (Hen's) doz.	6.08	6.47	106
15	Mutton (kg.)	20.20	20.40	101
16	Potato (kg.)	2.12	2.27	107
17	Corriander (kg.)	8.03	8.03	100
18	Chillies (kg.)	13.40	12.80	96
19	Onion (kg.)	2.67	1.71	64
20	Tamarind (kg.)	8.70	9.05	104
21	Tea (B.B AI Dust) kg.	25.71	27.73	104
22	Coffee powder (B.B. family brand) kg.	20.86	21.05	101
23	Sugar (kg.)	4.49	4.28	95
24	Coconut (without husk) 100 Nos.	137.25	163.61	119
25	Tobacco (kg.)	11.25	12.18	108
26	Firewood (local split qtl.)	44.40	45.00	101
27	Mundu (Mull) each	13.71	14.00	102
28	Mundu (kora) each	9.81	10.47	107
29	Paper (24 sheets)	2.45	2.49	102
30	Washing soda (kg.)	3.80	3.84	101
31	Washing soap, sunlight bar (each)	2.36	2.41	102
32	Toilet soap—lux/cake	2.00	2.10	105
33	Razor blade (5 nos.)	1.53	1.60	105
34	Tooth paste colgate (50 gms.)	3.63	3.56	98
35	Anacin (2 tabs)	0.34	0.33	97
36	Electric bulb (Osram 40w each)	4.51	4.51	100
37	Aluminium cooking pot (kg.)	42.34	42.10	99
38	Cement (ordinary) bag	65.38	65.07	100
39	Baby food (Amul) kg.	35.82	35.77	100
40	Torch battery (eveready 950/each)	2.67	2.67	100
41	Onion (Big) kg.	1.58	1.66	105
42	Brinjal kg.	1.97	2.29	116
43	Pumpkin (kg.)	1.17	1.25	107
44	Cucumber (kg.)	1.65	1.30	79
45	Ladies finger (kg.)	2.05	2.15	105
46	Bitter gourd (kg.)	3.55	2.98	84
47	Ash gourd (kg.)	1.28	1.07	84
48	Colocasia (kg.)	2.32	2.00	86
49	Chillies (green) kg.	3.30	3.64	110
50	Plantain (green) kg.	2.12	2.17	102

K. EASWARAN KUTTY,
Addl. Director.

A. MEERA SAHIB,
Asst. Director.

4. STATE INCOME

The unit completed the work relating to the revision of estimates of Net State Domestic product for the period from 1970-71 to 1980-81. Estimates of District Income for the period were also prepared and furnished to the State Planning Board for the Economic Review.

Provisional Estimate of the Net State Domestic product for 1980-81 has shown an increase from Rs. 1198 crores in 1970-71 to Rs. 3314 crores. At 1970-71 prices the estimate for 1980-81 was Rs. 1490 crores.

Estimates of per capita income for 1980-81 and 1970-71 were Rs. 1312 and 567 respectively. Per capita income for 1980-81 at 1970-71 prices was Rs. 590 showing a growth of about 4 per cent.

The following table gives the structure and change in composition of Net State Domestic product of Kerala according to its industry of origin from 1970-71 to 1980-81 at current and 1970-71 prices.

Industry of origin	1980-81		
	1970-71 at current	at 1970-71	
(1)	(2)	(3)	(4)
1 Agriculture	48.63	39.56	39.59
2 Forestry and logging	0.92	2.12	0.69
3 Fishing	2.14	2.39	1.48
4 Mining and quarrying	0.08	0.15	0.09
Sub Total: primary	51.77	44.22	41.85
5 Manufacturing	13.05	16.81	14.79
6 Construction	3.06	3.35	3.68
7 Electricity, gas and water supply	0.98	2.00	2.08
Sub total: Secondary	17.09	22.16	20.55
8 Transport, storage & communication	5.06	5.66	5.81
9 Trade, Hotels & Restaurants	8.55	9.00	7.10
10 Transport, communication and trade	13.61	14.66	12.91
11 Banking and Insurance	1.36	2.83	3.13
12 Real estate, ownership of dwellings etc.	2.31	2.24	3.78
Finance & Real estate	3.67	5.07	6.91
13 Public Administration	3.10	3.67	5.31
14 Other services	10.76	10.22	12.47
Community & personal services	13.86	13.89	17.78
Sub Total: Territory	31.14	33.62	37.60
Net State Domestic Product	100.00	100.00	100.00
Kg. in crores	1198	3314	1490

N. GEORGE JOHN,
Addl. Director.

5. POPULATION STATISTICS

5.1. Vital Statistics

(1) *Civil Registration.*—The tabulated data for urban centres for 1978 has been received. Coding of cards for urban centres for 1981 is in progress. The monthly return of advance summary figures on birth and deaths upto September 1982 have been furnished to the Registrar General of India. Birth and death rates according to civil registration infant mortality still birth maternal mortality, are given below :—

Birth rate	21.04
Death rate	4.83
Infant mortality	16.75
Still birth	10.53
Maternal mortality	0.46

(2) *Model Registration—Survey on cause of death in rural areas:*—The monthly and half yearly reports received from the Primary Health Centres were forwarded to the Registrar General of India. Training to Medical and para-medical staff was given to conduct the baseline survey as on 1-1-1983 in the 13 newly selected Primary Health Centres and 9 retained Primary Health Centres during the month of December 1982.

5.2. Sample Registration

Fifty per cent sample units (75 units) were replaced with effect from 1-1-1982. During the quarter under report preliminary work for the replacement of the remaining 50 % sample units were undertaken as directed by the Registrar General of India.

34th Half yearly survey was completed by utilising the services of experienced Investigators, besides usual computer. The work of re-verification of the results was got completed by utilising the services of the other offices in the districts, besides Additional District Officers (SR). Results in respect of all the 150 samples were sent to the Registrar General.

Annual reports on sample registration for 1979 was finalised and sent to the press. Important findings are as follows :—

Birth rate for 1979	26.8
Death rate for 1979	7.2
Infant mortality rate	48.5
Expectation of life at birth M (based on the mean age specific death rate for 1978-79 & 80) F	64.23
Male & Female	67.88
	65.94

5.3. Population Research Centre

The studies taken up and reported in the previous issue are in progress. No new studies have been taken up during the quarter. The following studies are in progress.

1. Current Evaluation of Family Welfare Programmes in Malappuram District.
2. Socio-economic survey in sample registration villages in Trivandrum District.
3. District-wise vital rates from sample registration data.
4. Oral contraceptive programme (oral pills programme)
5. Study on impact of migration on fertility.

M.K. BHASKARAN PILLAI,
Deputy Director.

A. P. PATHROSE,
Assistant Director.

M. SHAMSUDDIN,
Assistant Director.

M. SERVERKHAN,
Regional-Statistical Officer.

6. SOCIAL STATISTICS

6.1. Manpower

The report on employment prospects for non-technical, less qualified manpower in Kerala has been published and a brief note on "The manpower situation in Kerala" during the sixth plan period has been prepared and submitted to Government, besides". "The sample study on large, medium and small scale engineering industries in Kerala" has been completed.

A brief note on the manpower situation in Kerala during the sixth plan period is given below :—

Manpower situation in Kerala during the sixth plan period.—The previous Five Year Plans left a sizable backlog of unemployment in the state as employment generation was not commensurate with the addition to labour force. The NSS 1977-78, estimated that Kerala contained 1.09% of the total unemployed in the country and the rate of unemployment as 21-05% the maximum here. According to 'Employment and Housing Survey-1980' labour force in Kerala came to 77-91 lakhs of which 34.4 lakhs were fully employed, 29.5 lakhs, partially employed and 14 lakhs were unemployed. Educated unemployment is the major menace of this state. In 1981 educated unemployed came to 9.23 lakhs constituting 48.5% of the total unemployed. Medical graduates, (651) Engineering graduates (1217) Engineering diploma holders (7866) etc. who were registered with the Employment Exchanges shows the acute unemployment situation among technically qualified persons in the state.

During the period 1970-71 public sector employment increased 71% (ie. from 2.93 lakhs to 5.01 lakhs) and privates ector employment increased 30% (ie. from 4.10 lakhs to 5.33 lakhs). Employment prospects for technical and professional manpower during the sixth plan is quite discouraging. For instance, the availability of agricultural technical personal during the 6th plan period is estimated as 766 where as their estimated requirement is only 681. Similarly availability of medical graduates comes to 3011 and their requirement is 1233. Availability of dentists is 140 and requirement is only 21. As regards nurses availability is 2775 and requirement is 1225. 5705 Engineering graduates will be available when 1836 of them are required. 10716 Engineering diploma holders will be available to meet the estimated requirement of 2714. But availability of veterinary personnel during the sixth plan period is 319 only to meet the estimated requirement of 402.

Employment prospects for non-technical less qualified manpower in Kerala.—The study on employment prospects for non-technical less qualified manpower in Kerala, was conducted by Sri P.C Jain, Research Officer of Manpower Division, with the main objective of examining the extent of unemployment among matriculates, intermediates and Graduates in Arts subjects and also to ascertain possibilities of employment for them.

It was found that non-technical less qualified manpower formed 96% of the educated unemployed in the state. Their supply increase 16 times over the last 25 years where as their demand did not cope with to extend them employment. Their employment participation in the private sector came to only 40% and in the private sector their participation was 55%. The declining trend of employment in public and private sectors necessitate them to seek self employment. But self employment schemes implemented in the state did not give an encouraging picture. But self employment programmes, viable and appropriate for this less qualified group should be found out and implemented to lessen the problem of unemployment among them. Employment prospects for them is committed to supporting services to small Industrial enterprises and creation of industrial infrastructure scale in the rural belts. Transport and trade sectors are the right areas for this less qualified group to seek self employment.

S. SUNEETHA,
Assistant Director..

7. PUBLICATION AND CO-ORDINATION

The following publications were prepared and published by the Division during the quarter under report.

1. Kerala at a glance
2. Activities of the Department of Economics and Statistics 1982 (in Malayalam)

The division is engaged in the preparation of the following publications:

1. State Hand Book
2. Statistics for Planning
3. District Economic Review

A co-ordination meeting of the statistical officers (temporary additions) working in other Departments was held in the Directorate of Economics and Statistics on 29-10-1982 and discussed the nature and progress of the work.

A conference of the District level officers was held in the Directorate on 3rd and 4th December 1982.

U. BALAJI,
Assistant Director.

K. V. MARIAMMA,
Research Officer.

8. ACTIVITIES OF THE RESEARCH FORUM

During the quarter ended December, 1982, two meetings were held in which the following persons discussed/presented papers on the subjects noted against their names.

<i>Date</i>	<i>Name of speaker</i>	<i>Subject</i>
9-11-1982	Dr. R. S. Kurup, Director	Discussion on preparation of papers for the seminar on data base of Kerala economy.
30-11-1982	P. C Jain, Research Officer	Employment prospects for non-technical less qualified manpower in Kerala

G. RAMACHANDRAN NAIR,
Joint Director.

9. VISIT OF DIGNITARIES

Dr. K. C. Seal, Director General of the Central Statistical Organisation paid a visit to the Directorate and had discussion with the officers regarding the progress of on-going surveys.

10. IN THE DISTRICTS

The progress of various surveys and studies undertaken in the Districts is given in the following paragraphs.

TRIVANDRUM DISTRICT

1. Agriculture and Allied Sectors

(1) *Survey on Estimation of Area and yield statistics of crops (T.R.S.)*:—Wet land survey for autumn and winter seasons are completed in 19 villages in the District. Dry land survey has been completed in about 25% of the area. Crop cutting survey, on paddy was completed for autumn season and that for winter season has been started. Crop cutting survey on all the other crops have also been started.

The analysis of the pre-harvest schedules of winter paddy has shown that the area of winter paddy during the year increased by about 1% compared to the previous year. The yield rate has also shown increase compared to last winter.

(2) *Agricultural Census*:—The field work of the quinquennial agricultural census was completed in all the samples of the District. The field work of the input survey in the rural samples was completed. Tabulation of the data collected in the main census has been started. The distribution of holding, according to size group has shown that a large percentage of the holdings are in the size group of below 5 cents. Only very few holdings are in the size group of 10 acres and above.

(3) *Cost of cultivation of important crops*:—The third round of the survey to estimate the cost of important crops like paddy, tapioca, coconut and arecanut is being conducted in Neyyattinkara and Nedumangad Taluks.

2. Prices and related items—Market Intelligence Scheme

The collection and reporting of prices in the selected centres continued during the quarter also.

3. Population Statistics

The 34th half yearly survey in the 15 samples in the District was completed by November 1982.

(2) *Evaluation study of National Rural Employment Programme*:—The study was conducted in Parasala Block of Trivandrum District. In the first stage of the study a sample of 50 workers were selected for detailed enumeration. The work of the first stage was completed by October 1982. In the second stage a sample of works undertaken in the scheme was selected for detailed study. The field work relating to the second stage was also completed by December 1982.

4. Socio-Economic Surveys

(1) *National Sample Survey*:—The 37th Round of N.S.S. was over by December 1982.

(2) *Wage Structure Survey*:—The survey was continued during the quarter under review.

5. Conferences and Committees

The Deputy Director and District Officers attended the conference of Deputy Directors and District Officers conducted in the Directorate on 3rd and 4th December 1982.

The District Officer attended the monthly meeting of the District Development Council.

The Deputy Director attended the monthly meeting of the standing committee of the lead Bank.

The first meeting of the District level Co-ordination committee of the FARCS was held in November 1982. The meeting was attended by the Superintendent and Assistant Superintendent of the National Sample Survey besides the Deputy Director, District Officer and Additional District Officer. (TRS). The progress of work under the scheme was reviewed in the meeting. The findings of the officers of the NSSO during their inspections under the sample check were also discussed. The officers from the NSSO expressed their appreciation on the work of the Investigation of the Department.

VISITORS :—Dr. K. C. Seal, Director General of the Central Statistical Organisation visited Ottasekhara Mangalam and Melekonam samples selected in the District under Sample Registration Scheme during October 1982. He also visited the office of the Registrar of Births and Deaths in Parasala Panchayat.

Sri Venkatachalam, Deputy Director of the Ministry of Agriculture, Government of India visited Cheruvakal Village selected for Agricultural Census and inspected a few households selected for Input Survey.

N. V. GEORGE,
Deputy Director.

QUILON DISTRICT

1. Agriculture and Allied Sectors

1. *Survey on Estimation of Area and Yield Statistics of Crops (T.R.S.).*—The Crop Cutting Survey to estimate yield rates of winter paddy has been completed. Area enumeration of dry land plots are in progress during the quarter.

2. *Agricultural Census:*—The tabulation work is in progress.

3. *Cost of Cultivation of Important Crops:*—The survey was conducted in three taluks in the District.

K. P. MADHAVA KURUP,
Deputy Director.

ALLEPPEY DISTRICT

1. Agriculture and Allied Sectors

1. *Survey on estimation of area and field Statistics of Crops (T.R.S).*—Wet land survey has been completed for autumn season and that of winter season was almost completed by the end of the quarter. Paddy crop cutting estimate in respect of autumn crop was completed and that of winter crop was in progress.

2. *Agricultural Census.*—The field work relating to the main census and input survey has been completed in all the samples. Tabulation of the data was in progress.

2. Industry

1. *Index of Industrial Production.*—Quarterly production details for the quarter ended 30-9-1982 was being collected from 51 Industrials in the district.

3. Prices and related items

Daily, Weekly, Fortnightly, Monthly and Quarterly prices were regularly collected and reported.

4. Population Statistics

1. *Sample Registration Scheme*—34th half yearly survey and reverification of all the 13 samples were completed.

2. *Evaluation study of National Rural Employment Programme.*—The second round of the survey has been completed.

5. Socio-Economic Surveys

1. *National Sample Survey.*—The 37th Round of the N. S. S. was completed during the quarter.

2. *Family Budget Survey*—Tabulation of Family Budget Survey schedules relating to Alleppey centre was in progress.

3. *Wage Structure Survey.*—Data upto the end of 30-9-1982 have been collected.

K. VASUDEVAN NAMBOODIRY,

Deputy Director.

KOTTAYAM DISTRICT

1. Agriculture and Allied Sectors

1.1. Timely Reporting Survey (Survey on Estimation of Area and Yield Statistics of Crops).—The Dry land Survey (area enumeration) in all the selected 60 units in 15 villages, were in progress.

Crop Cutting Survey on Autumn Crop of paddy was completed by the end of October 1982.

Area enumeration of wet land (autumn) has been completed and crop cutting survey on winter crop paddy has been taken up. Area enumeration of wet land (winter) was in progress during the quarter.

Eight crop cutting experiments on tapioca were conducted during the period.

1.2 Agricultural Census.—The tabulation of data of the Agricultural Census was in progress.

2. Industry

1 Index of Industrial Production.—Production details required for computing Index of Industrial Production were collected from 36 Industrial Units in the district.

3. Population Statistics

1. Sample Registration Scheme.—The 34th half yearly survey has been completed. The base line survey in the newly selected samples of Eravimangalam and Parampuzha has been started during December 1982.

2. Evaluation Study of National Rural Employment Programme.—The survey was over during the quarter.

4. Socio-Economic Surveys

1. National Sample Survey.—The 37th round of the National Sample Survey was completed.

2. Wage Structure Survey.—The Survey was continued during the quarter under report also.

5. Conferences and Committees

The District Officer attended the training programme on quantitative 'Aids to Decision making' conducted at the Institute of Management in Government, Regional Centre, Cochin from 13-12-1982 to 18-12-1982.

The District Officer also attended the Conference for cost of cultivation survey at District Officer, Ernakulam on 20-12-1982.

The Research Officer (Index of Industrial Productions) and the Investigators attended the State Level Training Conference on National Sample Survey 38th round from 27-12-1982 to 31-12-1982 at Trivandrum.

K. N. RADHAKRISHNAN NAIR,
District Officer.

IDUKKI DISTRICT

1. Agriculture and Allied Sectors

1. *Survey on Estimation of Area and Yield Statistics of Crops (Timely Reporting Survey)*.—The second visit of wet land survey has been completed. The dry land enumeration was in progress. 54.87% of the area has been completed by the end of the quarter under report.

2. *Crop Cutting Survey*.—The Crop Cutting Survey on Autumn Crop paddy was completed. 20 experiments have been conducted on winter crop paddy upto the end of the quarter. Crop cutting experiments have also been conducted on other major crops like Tapioca, Coconut, Arecanut, Cashew, Pepper, Sugarcane, Tubers and Cocoa.

3. *Agricultural Census*.—The field work has been completed and the Tabulation work was in progress.

2. Industry

Index of Industrial Production.—Quarterly production data from 41 units were collected during the quarter.

3. Prices and related items

The prices of various articles are collected regularly.

4. Population Statistics

1. *Sample Registration*.—34th half yearly survey has been completed in seven units. Two old samples were dropped and three new samples were selected.

2. *Evaluation survey on N.R.E.P.*—The survey has been completed.

5. Socio-Economic Survey

1. *National Sample Survey*.—The 37th round has been completed and training has been imparted to the members of the staff for the 38th round survey.

2. *Wage Structure Survey*.—The survey continued during the quarter also.

6. Conferences and Committees

A monthly conference of the staff was concerned on 21-12-1982 to discuss about the progress of various surveys and studies undertaken in the District.

The District Officer attended the District Level Review Committee meeting of the Lead Bank of the District in November 1982 and participated in the discussion to finalise the "Action Plan" for the next two years.

DR. M. KUTTAPPAN,
Deputy Director.

ERNAKULAM DISTRICT

1. Agriculture and Allied Sectors

1. *Survey on Estimation of Area and Yield Statistics of Crops (T.R.S)*—The area enumeration of seasonal crops of winter season was completed by the end of November 1982. Crop cutting survey on winter crop paddy was in progress and about 60% of the experiments were completed by the end of the quarter.

2. *Agricultural Census*.—The Input Survey has been completed and tabulation is in progress.

3. *Cost of cultivation of Important Crops*.—The survey is in progress.

2. Industry.

1. *Index of Industrial Production*.—The production details were collected from 129 Industrial Units.

3. Prices and related items.

During the quarter 15 various types of prices were collected from various centres of the District. off-take survey of rationed article was continued during the quarter also.

4. Population Statistics.

1. *Vital Statistics*.—Spot-check with 1981 as reference period has been completed

2. *Sample Registration*.—34th half yearly survey has been completed in all the ten samples.

3. *Model Registration*.—The new samples viz. Keecherry and Kumbalangi, has been selected for the survey on cause of death,

4. *Evaluation study of the National Rural Employment Programme*.—Palluruthy Block was selected for the study and 7 works were evaluated during the quarter.

5. Socio-Economic Survey.

1. *National Sample Survey*.—The 37th round of National Sample Survey has been completed during the quarter.

2. *Wage Structure Survey*.—The Wage Structure survey continued during the quarter also.

6. Meetings and Conferences.

The District Officer attended the D. D. C. Meeting and District Level Co-ordination Committee meeting on sample check on area enumeration and crop cutting surveys was convened on 26-11-1982 at the District Office.

The Deputy Director and the District Officer attended the State Level Conference convened at Directorate.

The Research Officer (Index of Industrial Production) and the National Sample Survey staff attended the Training Conference on N.S.S. held at Trivandrum.

Three monthly staff conferences were conducted during the quarter.

V.K. PARAN UNNI,
Deputy Director.

PALGHAT DISTRICT.

I. -Agriculture and Allied Sectors

1. *Survey on Estimation of Area and Yield Statistics of Crops (T. R. S.).*—The survey is conducted in 30 villages in the District. The second visit on wet land area was almost completed during the quarter.

All the 150 experiments programmed for crop cutting survey on Autumn crop paddy were completed during the quarter. The crop cutting survey on winter crop paddy has been in progress.

2. *Agricultural Census.*—The tabulation of the Agricultural census is in progress.

3. *Cost of cultivation of important crops.*—The second round of the survey was completed and the third round was in progress.

2. Industry

1. *Index of Industrial Production.*—The quarterly returns for the preparation of Index of Industrial Production was collected for the quarter ending 30-6-1982.

3. Prices and related items

1. The prices of various commodities were collected from the selected centres regularly during the quarter also.

2. *Off-take survey.*—The details of off-take of rationed articles continued to be collected from the selected 5 ration shops.

4. Population Statistics

1. *Sample Registration Scheme.*—Re-verification of the data collected during the 34th round survey was completed during the quarter. The base-line survey was completed in the newly selected two samples

2. *Evaluation study of the National Rural Employment Programme.*—The survey was completed during the quarter.

5. Socio-Economic Survey

1. *National Sample Survey.*—The 37th round of the National Sample Survey was completed during the quarter.

2. *Wage Structure Survey.*—The survey continued during the quarter also.

K. NARAYANAN NAIR,

District Officer.

KOZHIKODE DISTRICT

1. Agriculture and Allied Sectors

1. *Survey on Estimation of Area and Yield Statistics of Crops (T.R.S.)*.—First visit of wet land survey was completed. Second visit was in progress at about 98% of the work was completed during the quarter. Dry land enumeration was in progress.

2. *Agriculture Census*.—Tabulation work was in progress.

3. *Cost of cultivation of Important crops*.—The third round of the survey was in progress.

2. Industry

1. *Index of Industrial Production*.—Quarterly production reports were continued to be collected during the quarter also.

3. Prices and related Items

Prices of various articles were collected from the different selected centre on a regular basis. Off-take survey was also conducted during the quarter.

4. Population Statistics

1. *Sample Registration*.—The 34th half yearly survey was completed during the quarter.

2. *Evaluation study on National Rural Employment Programme*.—First round of the survey was completed and the second round was in progress.

5. Socio-Economic Survey

1. *National Sample Survey*.—The 37th round of National Sample Survey was completed during the quarter.

2. *Wage Structure Survey*.—Wage Structure Survey continued during the quarter also.

K. EASWARAN NAMBOODIRI,
Deputy Director.

WYNAD DISTRICT

1. Agriculture and Allied Sectors

1. *Survey on Estimation of Area and Yield Statistics of Crops (T.R.S.)*.—Dryland survey was in progress. 34 crop cutting experiments were conducted on tapioca and 89 experiments on paddy. In addition to this crop cutting experiments were conducted on coconut, arecanut, cocoa, and tubers.

2. *Agricultural census*.—The work has been completed in all the taluk except Manantoddy.

2. Socio-Economic Survey

1. *National Sample Survey*.—37th round of National Sample Survey has been completed.

2. *Evaluation study on the National Rural Employment Programme*.—The first round of the study was completed in November 1982.

K. K. SUKUMARAN,
District Officer

CANNANORE DISTRICT

1. Agriculture and Allied Sectors

1. *Survey on Estimation of Area and Yield Statistics of Crops (T.R.S.)*.—The eighth round of survey for collection of Agricultural Statistics continued to operate during the quarter. The autumn and winter visits of wet land have been completed during the quarter.

2. *Agricultural Census*.—Tabulation of the data collected was in progress.

2. Industry

1. *Index of Industrial Production*.—The data for the computation of Index of Industrial production was collected from the selected Industrial Units.

3. Prices and related items.

1. The prices of various commodities were collected regularly from the selected centres.

2. *Off-take Survey*.—The survey continued during the quarter also.

4. Population Statistics

1. *Sample Registration Scheme*.—The 34th round of half yearly survey was completed during the quarter.

2. *Evaluation Survey on N.R.E.P.*—The study has been completed.

5. Socio-Economic Survey

1. *National Sample Survey*.—The 37th round of National Sample Survey was completed.

2. *Wage Structure Survey*.—The survey continued during the quarter also.

P. K. RAMAKRISHNAN NAIR,
Deputy Director.

APPENDIX I

II. I. Wholesale Price Index Numbers

During recent years index numbers assumed considerable importance for Planning and policy making. The wholesale price index of agricultural commodities as a whole in the state showed the real trends in wholesale price over time. The wholesale price is to be taken as the rate at which a relatively large transaction of purchase for further sale is effected. The wholesale price should neither be the maximum or minimum nor average price of a commodity on a particular day, but should relate to the mode price, the price at which most of the transactions take place during the peak marketing period of a day.

The index numbers relate to the wholesale price of important agricultural commodities produced and transacted in the state with the agricultural year 1952-53 as the base. These indices are computed every month. Prices for the computation of index are collected from different centre spread over the state. The centres are selected taking into consideration the relative importance of the area with regard to production and marketing of agricultural commodities.

In the calculation of the index, 17 agricultural commodities are included. These commodities are grouped into two main classes viz.

(1) Food crops and (2) Non-food crops. Food crops are further divided into four.

(i) Food grains (ii) Sugar (molasses) (iii) Condiments and Spices and (iv) Fruits and vegetables. Non-food crops are sub-divided into (i) Oil-Seeds and (ii) Plantation crops. A complete list of the commodities included in the computation of the wholesale price index is given below.

Food Crops

1. *Food Grains*.—Rice
2. *Sugar*.—Molasses
3. *Condiments and Spices*.—(1) Pepper (2) Ginger (3) Turmeric
(4) Arecanut (5) Cardamom
4. *Fruits and Vegetables*.—(1) Banana (2) Tapioca (3) Cashewnut

Non-Food Crops

1. *Oil Seeds*.—(1) Coconut (2) Groundnut (3) Seasmum
(4) Lemongrass oil
2. *Plantation Crops*.—(1) Tea (2) Coffee (3) Rubber

The simple arithmetic mean of the week and wholesale prices is taken as the average monthly price of each commodity.

The three components necessary for the computation of wholesale price index are (1) Weighting diagram (2) Base prices and (3) Current price.

In order to make the index fully representative weights are assigned to the commodities in proportion to the value of their production and import. The imports of all the commodities except rice, sugar and cashewnuts are negligible. Hence weights are assigned for these commodities in proportion to the value of production. For rice and molasses weights are assigned in proportion to the value of consumption estimated by sample surveys of this Department.

This method is adopted since the total value of imports of these commodities are not available. For calculating the weight for cashewnuts, the value of production and import are taken into account.

The agricultural year 1952-53 is taken as the base year so as to keep in conformity with the base period used for the construction of other indices of agricultural commodities.

Wholesale prices of the various commodities from selected centres are at present collected under the Market Intelligence Scheme. This scheme for the improvement of Market Intelligence was implemented in the Second Five Year Plan and continued in the Third Five Year Plan for obtaining the necessary Market intelligence from all over the state. The scheme was administered by the Agriculture Department till April 1966. Since then the work under this Scheme was taken over by this Directorate.

The important function involved in the implementation of the Market Intelligence Scheme are:—(1) Collection and reporting of accurate and reliable data (2) Rapid processing, analysing and presenting the data in a systematic manner (3) Dissemination of the Market Intelligence information promptly and estematically.

Method of Computation

The price quotations of various commodities received from the selected markets are converted into price relatives by expressing the current price as a percentage of base year price. The commodity index is calculated as the simple average of these price relatives at the various centres. Weighted average of these commodity indices is the sub-group index. The weighted average of the sub-group indices is the group index and the weighted average of the group indices is the index of wholesale prices.

The table below shows the average annual wholesale price index numbers of Agricultural commodities in the state for the years from 1974 to 1982.

Index numbers of wholesale prices of Agricultural Commodities

(Base 1952-53-100)

	1974-75	75-76	76-77	77-78	78-79	79-80	80-81	81-82
Rice	308.2	318.7	318.7	318.7	318.7	318.7	318.7	318.7
Molasses	335.1	431.2	410.4	318.9	304.7	498.0	695.2	480.9
Condiments and Spices	226.1	253.7	315.0	313.7	365.7	379.3	438.3	414.6
Fruits & Vegetables	382.8	385.8	424.1	527.5	551.8	558.3	644.4	757.0
Food Crops	308.3	323.1	341.5	353.2	365.3	374.8	405.3	413.6
Oil Seeds	566.4	443.2	598.0	634.6	656.7	716.5	887.1	749.6
Plantation crops	244.8	240.0	276.6	301.8	310.2	314.9	347.3	373.5
Non-food crops	468.7	381.7	500.9	534.1	552.0	595.2	724.1	636.0
All crops	405.9	344.5	399.7	419.2	433.5	455.3	521.6	494.8

The wholesale price index numbers for agricultural commodities in the state, which has been continuously rising from 1976, touched a new peak during 1980. The sub-group index for food crops has been increasing year by year. Almost all the major groups and sub groups in the wholesale price index have been increasing during the past eight years.

A. MEERA SAHIB

Assistant Director.

APPENDIX II

11.2 Economic Census 1977

The processing of 1977 Economic census data has been completed and the final tabulated results received from the Computer Center, New Delhi. This census which was conducted in Kerala as part of a nation wide operation, was a census of non-agricultural establishments employing at least one hired worker on a fairly regular basis. Using the data collected in the census a number of tables giving the description of activity, No. of persons usually working, type of ownership etc. were produced. The distribution of establishments by activity with their principal characteristics is given in the Annexure.

Though not envisaged in the scheme of economic census information on own-account enterprises, is, enterprises run wholly by household members without employment of hired workers was also collected in Kerala. As per the census, including an account enterprises, there were nearly 6.91 lakh enterprises in the State. These provided employment to nearly 29.46 lakh persons. The survey on Housing and Employment conducted by the Directorate of Economics and Statistics in 1980 shows total No. of employed persons as 63.7 lakhs. It may be inferred from this that roughly about 1/3 of the employment in the State is provided by the non-agricultural sector.

When establishments in the non-agricultural sector alone were counted the total number comes to 1.71 lakhs. Employment to 14.07 lakh persons were provided in these establishments. Out of this, 12.81 lakhs were hired workers and the remaining 1.26 lakhs household members. 16.04% of the establishments were owned and operated by the Government and 8.95% were household units.

G. RAMAGANDRAN NAIR,

Joint Director.

ECONOMIC
Principal Characteristics of Establishments

State:—Kerala

Sl. No.	Nature of Economic Activity	Total No. of establishments	Percentage of establishments					
			Operating from			Owned		
			Resident h. h.	Without premises	Co. op.	Public	S. T.	
1	2	3	4	5	6	7	8	
1	Coal Mining							
2	Crude Petrol & Natural gas	2	0.00	0.00				
3	Metal ore mining	3		33.33		66.67		
4	Other Mining	71	8.45	30.99		4.23		
MINING & QUARRYING		76	7.89	30.26	0.00	6.58		
5	Manufacture of food products	9777	16.35	0.44	0.57	0.85	0.99	
6	do. beverages	357	8.12	0.56	0.28	0.28	1.12	
7	do. tobacco & products	1641	6.59	0.12	7.07	0.61	1.46	
8	do. Khadi	63	12.70	0.00	34.92	19.05	1.59	
9	do. Cotton textiles handloom	2913	39.18	0.17	6.08	0.79	0.96	
10	do. Cotton textiles powerloom	146	27.59	0.00	8.22	1.37	0.00	
11	Manufacture of Cotton textiles other than 8-10	857	51.46	0.12	5.48	4.90	2.68	
12	do. wool, silk synthetic textiles	23	8.70	0.00	8.70	0.00	0.00	
13	do. jute, hemp & other textiles	30	33.33	0.00	16.67	3.33	0.00	
14	do. textile products	12522	35.35	0.53	3.07	0.22	1.59	
15	do. wood & wood products	3234	9.93	0.49	1.21	0.74	1.52	
16	do. Paper and paper products	1840	6.47	0.16	1.79	0.92	0.82	
17	do. Leather & leather products	223	9.42	0.00	1.35	2.24	2.24	
18	do. Rubber, plastic petrol and coal products	1515	15.91	0.33	2.18	1.19	0.79	

Note:—Establishments are enterprises employing atleast one hired

CENSUS - 1977-78

Classified by Nature of Economic Activity

by	No. of persons usually working daily					No. of hired workers				
	S. C.	Seasonal	All	Men	Women	Children	All	Men	Women	Children
9	10	11	12	13	14	15	16	17	18	
100.00	9	9	2669	1764	505	400	878	869	9	..
26.76	50.70	1293	846	447	..	1249	804	445	..	..
25.00	50.00	3971	2619	952	400	2136	1632	454	..	..
0.68	18.05	160312	51581	106342	2389	150797	43562	104911	2324	..
0.23	28.29	2122	1587	532	3	1823	1295	525	3	..
0.30	3.17	45204	30939	13325	940	44246	30039	13267	940	..
1.59	1.59	1486	220	1227	39	1449	198	1212	39	..
1.00	8.14	31484	22094	8644	746	27748	19506	7646	596	..
0.00	14.38	2092	1518	573	1	1947	1397	549	1	..
0.58	3.27	13982	6813	6450	719	12693	6055	6052	586	..
0.00	0.00	1798	1607	186	5	1782	1591	186	5	..
3.33	13.33	552	78	472	2	535	70	463	2	..
1.46	9.50	107488	43129	60113	4246	90269	32327	54060	3882	..
1.98	5.04	23443	20026	3202	215	20596	17333	3052	211	..
0.71	0.49	15546	13114	2415	17	13772	11469	2287	16	..
3.59	3.59	1980	1883	93	4	1773	1679	92	2	..
1.19	14.98	17364	14462	2855	47	16241	13417	2782	42	..

work on a fairly regular basis.

1	2	3	4	5	6	7	8
19	Manufacture of chemical and chemical products	1353	15.45	0.22	1.77	1.85	1.03
20	Manufacture of tiles	210	4.29	0.00	3.81	2.38	0.48
21	Manufacture of other structural clay products	93	25.81	9.68	10.75	6.45	19.35
22	Sanitary ware	1	..	..	..	..	..
23	Lime	67	10.45	..	1.49	..	..
24	Non metal mineral products not elsewhere classified	1343	15.34	2.08	1.71	0.22	4.54
25	Basic metal & Alloy Industry	372	10.75	0.27	1.61	1.88	2.15
26	Sanitary, Plumbing fixtures	5	..	..	..	..	..
27	Metal products except machinery not elsewhere classified	1139	7.02	0.26	1.05	0.79	2.37
28	Machinery & machine tools	202	4.46	..	0.99	1.49	1.49
29	Electrical machinery	200	4.50	..	3.50	6.00	0.50
30	Transport equipment	171	15.79	0.58	1.17	4.09	1.17
31	Other manufacturing Industries	1541	15.90	0.32	1.69	0.39	2.66
32	Repair services	3891	4.24	0.21	0.31	0.87	1.41
MANUFACTURING AND REPAIR SERVICES		45729	20.86	0.44	2.32	0.84	1.50
33	Electricity	442	0.90	0.23	0.45	93.21	1.13
34	Gas and steam	30	..	..	..	6.67	..
35	Water works and supply	308	1.95	..	0.97	91.23	0.65
ELECTRICITY, GAS & WATER		780	1.28	0.13	0.64	89.10	0.90
36	Construction & maintenance of building	180	6.11	20.00	1.67	5.54	1.67
37	Roads	170	3.53	5.88	0.00	25.88	..
38	Water ways and Hydel project	106	3.77	0.94	0.94	67.92	1.89
39	Industrial plants	1	..	..	..	..	..
40	Construction not elsewhere classified	30	20.00	40.00	..	..	3.33
41	Allied construction activities	80	8.75	5.00	1.25	1.25	..

9	10	11	12	13	14	15	16	17	18
1.26	10.94	21314	12528	8518	268	19800	11161	8381	258
1.43	3.33	11034	8565	2469	0	10858	8404	2454	..
6.45	30.11	2857	2336	513	8	2752	2277	472	3
..	..	2	2	..	..	1	1	..	..
8.96	32.84	198	189	7	2	136	132	4	..
3.13	43.44	13442	9365	3710	367	12345	8421	3562	362
1.88	3.23	6083	5709	362	12	5762	5404	348	10
20.00	..	44	29	15	..	41	26	15	..
1.58	2.63	8321	7075	1168	78	7195	5970	1148	77
3.47	1.49	2089	2004	81	4	1873	1798	71	4
2.00	1.00	9498	8159	1334	5	9048	7714	1330	4
2.34	14.04	2445	2355	85	5	2252	2169	79	4
2.73	5.71	8705	7623	1011	71	7170	6131	974	65
1.90	0.93	20045	19634	193	218	15970	15639	155	176
1.37	10.47	530930	294624	225895	10411	480874	255185	216077	9612
0.45	0.45	11801	10946	855	..	11792	10937	855	..
..	..	232	216	16	..	213	198	15	..
0.65	4.55	1784	1664	120	..	1780	1660	120	..
0.51	2.05	13817	12826	991	..	13785	12795	990	..
1.11	26.11	2071	1716	341	14	1878	1529	335	14
0.59	38.82	6799	4800	1939	..	6699	4707	1992	..
2.83	14.15	2316	1852	464	..	2268	1804	464	..
..	..	8	8	..	..	8	8	..	..
..	33.33	560	411	145	4	331	384	145	2
3.75	10.00	371	346	23	2	295	274	19	2

1	2	3	4	5	6	7	8
	CONSTRUCTION	567	6.00	11.11	0.88	22.40	1.06
42	Wholesale trade	5846	4.52	0.63	2.89	1.13	0.91
43	Retail trade	38499	6.29	0.47	7.18	0.96	1.17
	WHOLESALE & RETAIL TRADE	44345	6.06	0.49	6.61	0.98	1.14
44	Restaurants and cafe	10251	10.21	0.22	0.18	0.16	1.18
45	Hotel & Lodging places	3436	6.29	0.12	0.32	5.73	1.22
	RESTAURANTS & HOTELS	13687	9.23	0.20	0.21	1.56	1.19
46	Railway transport	140	0.71	..	..	96.43	1.43
47	Tram and bus transport	527	6.45	13.47	1.71	7.21	0.19
48	By other vehicles	550	13.45	27.45	0.36	0.91	0.73
49	Other road transport	1055	9.11	18.80	0.28	0.95	1.33
50	Pipeline transport	1	..	..	..	..	..
51	Support services	30	3.33	6.67	..	46.67	..
52	Inland water transport	42	..	4.76	..	30.95	..
53	Other water transport	23	21.74	13.04	..	13.04	..
54	Air transport	8	..	..	..	62.50	..
55	Incidental services	142	4.93	1.41	0.70	4.23	2.11
	TRANSPORT	2518	8.66	17.05	0.60	9.09	0.95
56	Storage & warehousing	327	1.22	..	10.09	37.92	1.53
	STORAGE & WAREHOUSING	327	1.22	..	10.09	37.92	1.53
57	Communications	4078	1.13	0.12	0.34	95.66	0.81
	COMMUNICATIONS	4078	1.13	0.12	0.34	95.66	0.81
58	Banking	2607	1.27	0.12	24.17	34.98	0.73
59	Other Credit Institution	1288	1.09	0.08	50.59	4.04	0.78
60	Other Financial Institution	1095	6.30	0.18	10.68	3.56	1.28
61	Provident services	3	..	..	..	100.00	..
62	Insurance life and other	66	1.52	..	..	68.18	..
63	Real estate agents etc.	486	5.56	2.06	2.26	3.29	1.44
64	Accounts & Auditing services	95	5.26	..	1.05	8.42	1.05

9	10	11	12	13	14	15	16	17	18
1.59	25.75	12125	9133	2972	20	11679	8706	2955	18
0.68	8.26	30758	27500	3109	149	24458	2.348	2970	140
1.00	2.30	124907	117576	6901	430	93845	87459	6020	366
0.96	3.09	155665	145076	10010	579	118303	108807	8990	506
1.12	0.99	37385	34799	2251	335	24304	23266	789	249
0.81	0.79	35804	31804	3815	185	32081	28437	3512	132
1.04	0.94	73189	66603	6066	520	56385	51703	4301	381
0.00	..	4122	4083	39	..	4122	4083	39	..
0.19	0.38	15014	14645	369	..	14638	14274	364	..
0.91	2.36	2434	1422	1010	2	2117	1112	1004	1
0.47	2.84	3662	3582	66	14	3030	2958	59	13
..	..	7	7	..	..	6	6	..	..
..	3.33	330	326	1	3	319	315	1	3
..	4.76	1478	1457	21	..	1461	1440	21	..
..	4.35	188	181	7	..	168	161	7	..
..	..	106	104	2	..	104	102	2	..
0.00	0.70	779	743	35	1	701	666	34	1
0.44	1.95	28120	26550	1550	20	26666	25117	1531	18
0.92	3.06	3041	2557	483	1	2965	2484	481	..
0.92	3.06	3041	2557	483	1	2965	2484	481	..
0.86	0.20	26073	22280	3791	2	26039	22254	3783	2
0.86	0.20	26073	22280	3791	2	26039	22254	3783	2
0.77	0.12	27178	24271	2905	2	26964	24070	2894	..
0.85	0.62	7204	5975	1210	19	7020	5800	1203	17
1.00	0.55	4786	4361	420	5	3927	3531	395	1
..	..	454	303	151	..	454	303	151	..
..	1.52	2434	2219	215	..	2428	2214	214	..
0.82	6.17	2778	2509	250	19	2306	2058	230	18
..	..	803	730	73	..	709	636	73	..

1	2	3	4	5	5	7	8
65	Data processing services	2		..	..	..	..
66	Engineering, Archi & Tech. Services	248	4.03	0.40		39.52	1.21
67	Advertising publicity services	29	3.45			..	..
68	Machinery equipment rental and leasing	211	7.11	4.27		1.42	2.84
69	News agencies	89	5.62	3.37		4.49	1.12
70	Business services not elsewhere classified	397	3.54	2.02	4.79	4.53	1.01
71	Legal services	961	989	0.00	0.10	3.95	0.52
	FINANCING etc. SERVICES	7577	3.82	0.50	23.98	16.31	0.92
72	Public administration excluding defence	8788	0.75	0.11	1.51	91.76	0.75
73	Sanitary services	10	10.00	..		40.00	
74	Educational services	18488	2.14	0.10	1.57	30.94	0.87
75	Research, scientific services	141	2.84			36.88	2.13
76	Medical, Health services	5229	5.13	0.11	1.15	39.97	0.91
77	Veterinary services	608	0.99	..	0.16	95.72	0.9
78	Religious & welfare services	13134	2.56	0.13	2.85	20.48	1.21
79	Business, professional & Labour organisation	245	1.22		14.69	17.55	1.63
80	Community services not elsewhere classified	292	1.03	0.34	5.82	18.49	1.37
81	Recreation & cultural services	2593	2.35	0.12	2.43	29.50	1.00
82	Personal services	1869	4.55	0.37	0.16	1.55	3.16
83	Services not elsewhere classified	43	4.76			18.60	
	COMMUNITY, SOCIAL AND PERSONAL SERVICES	51440	2.39	0.12	1.90	39.07	1.03
84	Others		..	..	..	..	..
	OTHERS		..	..	..	..	..
	ALL ACTIVITIES	171124	8.95	0.62	4.03	16.04	1.19

9	10	11	12	13	14	15	16	17	18
..	..	62	32	30	..	61	31	30	..
1.62	2.02	2532	2289	230	13	2322	2145	229	8
..	..	134	124	10	..	108	100	8	..
..	20.85	604	596	8	..	411	405	6	..
..	..	1441	1396	23	22	1393	1348	23	22
..	5.54	2278	2142	133	3	1999	1868	128	3
0.52	0.83	3667	3484	183	..	2681	2513	168	0
0.73	1.68	56355	50431	5841	83	52843	47022	5752	69
0.60	0.42	158666	136436	22128	102	158487	136281	22104	102
..	..	210	155	55	..	207	152	55	..
1.07	1.29	231385	128141	103127	117	226623	124744	101782	97
..	0.71	2495	2169	326	..	2397	2111	286	..
0.80	0.36	45733	24025	21683	25	43099	21939	21138	22
0.49	..	2247	1917	330	..	2239	1910	329	..
1.65	1.00	42631	36266	6192	173	39222	33525	5526	171
2.45	0.41	2158	2058	100	..	2109	2009	100	..
1.71	1.71	1263	894	369	..	1004	768	236	..
0.89	1.89	11523	10889	550	84	10079	9471	528	80
4.71	1.02	5312	5144	153	15	3499	3378	112	9
..	2.33	398	341	57	..	383	326	57	..
1.23	0.98	504021	348435	155070	516	489348	336614	152253	481
..
1.15	4.20	1407307	981134	413621	12552	1281023	872369	397567	11087

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