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FACTBOOK ON MANPOWER

Prepared by
EMPLOYMENT DIVISION
BUREAU OF ECONOMICS AND STATISTICS

— 1966 —

GOVERNMENT OF KERALA
TRIVANDRUM



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Government of Kerala

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PREFACE

The Institute of Applied Manpower Research, New Delhi published in December, 1963 a "FACT BOOK ON MANPOWER" (in three parts) containing data on various aspects of manpower in India. The Institute suggested that the different States in India may also undertake the compilation and publication of manpower data on similar lines. The information on manpower in Kerala collected from various institutions and official publications is presented in this volume. Parts of the data included are of a provisional nature. As far as possible the sources of data have also been indicated in the tables.

2. The FACT BOOK ON MANPOWER FOR KERALA is divided into eleven Sections. Section 1 gives district-wise information on population and vital statistics classified according to age and sex both for rural and urban areas. It also provides projections of population in respect of Kerala from 1966 to 1976. Section 2 gives district-wise data on the workforce in Kerala classified according to industrial divisions and age groups. Section 3 provides information on labour force, employment and unemployment obtained from the data of the National Sample Survey and the returns of Employment Exchanges. Section 4 presents district-wise information about employment in factories in the State. The figures obtained from a census of Government Employees of the State are also furnished in this Section. Section 5 deals with literacy and level of education according to age and sex in urban and rural areas. Section 6 presents data on primary and secondary education. Information on teachers in primary, middle and secondary schools and the institutions imparting training is furnished in Section 7. Data on collegiate education is provided in Section 8. Section 9 contains information on science education in the State. Information on technical education is furnished in Section 10. Section 11 provides information on medical personnel.

This FACT BOOK was prepared by Shri P. Gopinathan, Research Assistant under the close supervision of Shri S. Krishna Aiyer, Research Officer and under the guidance of Shri K. Narayanan Nair, Assistant Director and Shri N. Gopalakrishnan Nair, Deputy Director.

This publication of the Bureau, it is hoped, will be useful to the various departments in the State and other institutions and individuals interested in the study of manpower problems.

Trivandrum,
27-11 1965

DR. P. K. GOPALAKRISHNAN,
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SECTION 1

Population and Vital Statistics

This section consists of 44 tables (1.1 to 1.44). The first 38 tables (1.1 to 1.38) contain information on the State's population. Kerala's population according to the 1961 Census was 16,903,715 which formed 3.85 per cent of the population of the country as a whole. The State ranks 13th in respect of population and 15th in respect of area. The density of population in Kerala is the highest among the Indian States barring the Union territories of Delhi, Pondicherry and the Laccadive group of Islands. Compared to a density of 370 persons per square mile in India as a whole in 1961, there are 1,127 persons per square mile in Kerala.

The distribution of population has been shown by districts, sex, age and marital status in tables 1.1 to 1.26. The number of inhabited villages and towns by size of population has been shown district-wise in tables 1.27 to 1.29.

Tables 1.30 and 1.31 give the distribution of taluks in the State according to density and population range. The figures relating to area and population of municipalities in the State have been provided in table 1.32. Tables 1.33 to 1.38 show the growth of population over the 20th century and population projections upto 1976. Various vital events such as birth rates, death rates, marital fertility rates, expectation of life and land-man ratio are provided in tables 1.39 to 1.44.

TABLE—1.1

Area, Population and Density of Population of Kerala by District 1961

District	Area* in		Population (total persons)	Density of Population		Rank
	Sq. Miles	Sq. K. M.		Sq. Miles	Sq. K. M.	
1	2	3	4	5	6	7
Cannanore	2191	5,675	1,780,294	812	314	7
Kozhikode	2570	6,657	2,617,189	1,018	393	5
Palghat	1980	5,127	1,776,566	897	347	6
Trichur	1137	2,945	1,639,862	1,442	557	3
Ernakulam	1290	3,340	1,859,913	1,442	557	3
Kottayam	2456	6,360	1,732,880	706	272	8
Alleppey	708	1,834	1,811,252	2,558	988	1
Quilon	1827	4,733	1,941,228	1,062	410	4
Trivandrum	844	2,186	1,744,531	2,067	798	2
KERALA	15,003	38,857	16,903,715	1,127	435	..

* Area figures are those furnished by the State Survey Department.
Source: Census of India, 1961 Volume I—Part II A (i).

TABLE—1.2

Distribution of Population of Kerala by Sex and Districts 1961

District	Area* in		Population		Females per 1000 males	Rank
	Sq. Miles	Sq. K. M.	Male	Female		
1	2	3	4	5	6	7
Cannanore	2,744	7,107	874,667	905,627	1035	3
Kozhikode	2,042	5,289	1,300,974	1,316,215	1012	5
Palghat	1,982	5,133	851,746	924,820	1086	2
Trichur	1,149	2,976	784,736	855,126	1090	1
Ernakulam	1,270	3,289	931,248	928,665	997	7
Kottayam	2,326	6,024	882,580	850,300	963	9
Alleppey	698	1,808	893,435	917,817	1027	4
Quilon	1,944	5,035	972,657	968,571	996	8
Trivandrum	847	2,194	869,884	874,647	1005	6
KERALA	15,002	38,855	8,361,927	8,541,788	1022	..

* Area figures are those furnished by the Surveyor General of India.
Source: Census of India, 1961.

TABLE—1.3

Rural and Urban Population by District and Sex in Kerala 1961

District	Rural			Urban			Urban population as % total population
	Male	Female	Total	Male	Female	Total	
1	2	3	4	5	6	7	8
Cannanore	725325	754852	1480177	149342	150775	300117	16.9
Kozhikode	1083556	1101126	2184682	217418	215089	432507	16.5
Palghat	767251	837465	1604716	84495	87355	171850	9.7
Trichur	694821	759389	1454210	89915	95737	185652	11.3
Ernakulam	727922	736681	1464603	203326	191984	395310	21.3
Kottayam	798454	768957	1567411	84126	81343	165469	9.5
Alleppey	739248	761573	1500821	154187	156244	310431	17.1
Quilon	898746	898246	1796992	73911	70325	144236	7.4
Trivandrum	643845	652117	1295962	226039	222530	448569	25.7
KERALA	7079168	7270460	14349574	1282759	1271382	2554141	15.1

Source:—Census of India, Paper No. 1 of 1962.

TABLE—1.4
Population of Kerala by Broad Age groups, 1961

Age group	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
0-14	7205369	3647055	3558314	6171863	3121645	3050218	1033506	525410	508096
15-34	5231483	2495032	2736451	4394524	2079514	2315010	836959	415518	421441
35-59	3476428	1745598	1730830	2934765	1469029	1465736	541663	276569	265094
60+	986383	472140	514243	844489	406951	437538	141894	65189	76705
Age not stated	4052	2102	1950	3933	2029	1904	119	73	46
TOTAL	16903715	8361927	8541788	14349574	7079168	7270406	2554141	1282759	1271382

Source:—Superintendent of Census Operations Kerala.

TABLE—1.5
Age Distribution of Population by Sex, 1961

Age group	Census Count		Smoothed	
	Male	Female	Male	Female
1	2	3	4	5
0-4	15.29	14.62	16.22	15.39
5-9	14.85	14.07	13.68	13.18
10-14	13.48	12.97	11.72	11.80
0-14	43.62	41.66	41.62	40.37
15-19	8.25	8.70	10.07	10.48
20-24	8.11	8.84	8.71	9.16
25-29	7.23	8.05	7.50	7.88
30-34	6.25	6.45	6.50	6.74
35-39	6.07	5.89	5.69	5.63
40-44	4.55	4.36	4.81	4.62
45-49	4.31	4.12	4.01	3.85
50-54	3.33	3.29	3.29	3.23
55-59	2.63	2.61	2.63	2.64
15-59	50.73	52.31	53.21	54.23
60-64	2.18	2.29	2.00	2.06
65-69	1.43	1.48	1.42	1.57
70 & above	2.04	2.26	1.75	1.77
60 & over	5.65	6.03	5.17	5.40
Age not stated	..	..	..	..
All Ages	100.00	100.00	100.00	100.00

Source:—Census of India—Paper No. 2 of 1963.

TABLE—1.6

Age Distribution of Population by Sex 1961, Kerala

Age group	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
All ages	16903715	8361927	8541788	14349574	7079168	7270406	2554141	1282759	1271382
0—4	2527160	1278734	1248426	2171791	1098096	1073695	355369	180638	174731
5—9	2443147	1241304	1201843	2096482	1064379	1032103	346665	176925	169740
10—14	2235062	1127017	1108045	1903590	959170	944420	331472	167847	163625
15—19	1432847	689988	742859	1202429	575933	626496	230418	114055	116363
20—24	1433579	678352	755227	202709	563351	639358	230870	115001	115869
25—29	1291323	604244	687079	1086681	504001	532680	204642	100243	104399
30—34	1073734	522448	551286	902705	436229	466476	171029	86219	84810
35—39	1010684	507457	503227	852058	425557	426501	158626	81900	76726
40—44	752108	379936	372172	633290	218547	314743	118818	61389	57429
45—49	711859	359908	351951	600890	302785	298105	110969	57123	53846
50—54	559547	278482	281065	472391	234757	237634	87156	43725	43431
55—59	442230	219815	222415	376136	187383	188753	66094	32432	33662
60—64	377531	182280	195251	321052	155874	165179	56478	26406	30072
65—69	245430	119138	126292	210834	103086	107748	34596	16052	18544
70+	363422	170722	192700	312602	147991	164611	50820	22731	28089
Age not stated	4052	2102	1950	3933	2029	1904	119	73	46

Source:—Superintendent of Census Operations, Kerala.

TABLE—1.7

Percentage Age Distribution of Population by Sex, 1961, Rural and Urban, Kerala

Age group	Total			Rural			Urban		
	Persons	Male	Female	Persons	Male	Female	Persons	Male	Female
1	2	3	4	5	6	7	8	9	10
0—4	14.95	15.29	14.62	15.14	15.51	14.77	13.91	14.08	13.74
5—9	14.46	14.85	14.07	14.62	15.04	14.20	13.57	13.79	13.35
10—14	13.22	13.48	12.97	13.27	13.55	12.99	12.98	13.09	12.87
0—14	42.63	43.62	41.66	43.03	44.10	41.96	40.46	40.96	39.96
15—19	8.48	8.25	8.70	8.38	8.14	8.62	9.02	8.89	9.15
20—24	8.48	8.11	8.84	8.38	7.96	8.80	9.04	8.97	9.11
25—29	7.64	7.23	8.05	7.57	7.12	8.02	8.01	7.82	8.20
30—34	6.35	6.25	6.45	6.29	6.16	6.42	6.70	6.72	6.67
35—39	5.98	6.07	5.89	5.94	6.01	5.87	6.21	6.38	6.04
40—44	4.45	4.55	4.36	4.41	4.50	4.33	4.65	4.79	4.52
45—49	4.21	4.31	4.12	4.19	4.28	4.10	4.35	4.45	4.24
50—54	3.31	3.33	3.29	3.29	3.32	3.27	3.41	3.41	3.42
55—59	2.62	2.63	2.61	2.62	2.65	2.60	2.59	2.53	2.65
15—59	51.52	50.73	52.31	51.07	50.14	52.03	53.98	53.96	54.00
60—64	2.24	2.18	2.29	2.24	2.20	2.27	2.21	2.06	2.37
65—69	1.45	1.43	1.48	1.47	1.46	1.48	1.36	1.25	1.46
70 and above	2.15	2.04	2.26	2.18	2.09	2.26	1.99	1.77	2.21
60 and over	5.84	5.65	6.03	5.89	5.75	6.01	5.56	5.08	6.04
Age not stated	0.01	—	—	0.01	0.01	—	—	—	—
All ages	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Source:—Worked out from census data (Superintendent of Census Operations, Government of Kerala).

TABLE 1.8

Age Distribution of Population by Sex, 1961, Trivandrum District

Age Group	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
All ages	1744531	869884	874647	1295962	643845	652117	448569	226039	222530
0-4	265461	134687	130774	202233	102646	99587	63228	32041	31187
5-9	260816	131203	129613	199561	100307	99254	61255	30896	20359
10-14	234833	117354	117479	176959	88468	88491	57874	28886	28988
15-19	158761	76209	82552	116350	55772	60578	42411	20437	21974
20-24	153309	74582	78727	110062	52867	57195	43247	21715	21532
25-29	137143	67127	70016	99764	48184	51580	37379	18943	18436
30-34	108536	54665	53871	78717	39163	39554	29819	15502	14317
35-39	102486	52429	50057	75196	38059	37137	27290	14370	12920
40-44	72180	36556	35624	52570	26339	26231	19610	10217	12920
45-49	71321	36461	34860	52074	26405	25669	19247	10056	9191
50-54	51294	26076	25218	37290	18907	18383	14004	7169	6835
55-59	43392	21911	21481	32101	16236	15865	11291	5675	5616
60-64	32736	15973	16763	23875	11709	12166	8861	4264	4597
65-69	21329	10318	11011	15889	7827	8062	5440	2491	2949
70+	30571	14156	16415	22971	10785	12186	7600	3371	4229
Age not stated	363	177	186	350	171	179	13	6	7

Source:—Superintendent of Census Operations, Kerala.

TABLE 1.9

Age Distribution of Population by Sex, 1961, Quilon District.

Age Group	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
All ages	1941228	972657	968571	1796992	898746	898246	144236	73911	70325
0-4	300040	151898	148142	279068	141242	137826	20972	10656	10316
5-6	293641	148609	145032	272982	138107	134875	20659	10502	10157
10-14	261333	132018	129315	242254	122357	119897	19079	9661	9418
15-19	167552	80818	86734	154033	74081	79952	13519	6737	6782
20-24	163014	78764	84250	149660	71847	77813	13354	6917	6437
25-29	147603	71415	76188	136072	65521	70551	11531	5894	5637
30-34	121050	61056	59994	111588	56140	55448	9462	4916	4546
35-39	115787	59974	55813	106629	55002	51627	9158	4972	4186
40-44	79645	40791	38854	73387	37388	35999	6258	3403	2855
45-49	80376	41396	38890	74348	38206	36142	6028	3190	2838
50-54	58064	29479	28585	53788	27216	26572	4276	2263	2013
55-59	51469	26137	25332	47923	24329	23594	3546	1808	1738
60-64	37563	18887	18676	34976	17646	17330	2587	1241	1346
65-69	25917	12874	13043	24386	12174	12212	1531	700	831
70+	37760	18344	19416	35491	17297	18194	2269	1047	1222
Age not stated	414	197	217	407	193	214	7	4	3

Source:—Superintendent of Census Operations, Kerala.

TABLE 1.10
Age Distribution of Population by Sex, 1961, Alleppey District

Age Group	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
All ages	1811252	893435	917817	1500821	739248	761573	310431	154187	156244
0-4	252384	128612	123772	208614	106312	102302	43770	22300	21470
5-9	263676	133879	129797	219169	111219	107950	44507	22660	21847
10-14	243900	122601	121299	202606	101928	100678	41294	20673	20621
15-19	148916	71173	77743	123267	58788	64479	25649	12385	13264
20-24	145332	68027	77305	119333	55623	63710	25999	12404	13595
25-29	132022	60449	71573	108384	49382	59002	23638	11067	12571
30-34	113081	54444	58637	93493	44758	48735	19588	9686	9902
35-39	116152	58154	57998	96017	47855	48162	20135	10299	9836
40-44	78366	39413	38953	64654	32424	32230	13712	6989	6723
45-49	84315	42398	41917	69650	34815	34835	14665	7583	7082
50-54	62366	31217	31149	51763	25780	25983	10603	5437	5166
55-59	55639	27210	28429	46599	22682	23917	9040	4228	4512
60-64	41529	20399	21130	34918	17287	17631	6611	3112	3499
65-69	29979	14557	15422	25347	12420	12927	4632	2137	2495
70+	43160	20695	22465	36575	17771	18804	6585	2924	3661
Age not stated	435	207	228	432	204	228	3	3	..

Source: Superintendent of Census Operations, Kerala.

TABLE 1.11
Age Distribution of Population by Sex, 1961, Kottayam District.

Age Group	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
All ages	1732880	882580	850300	1567411	798454	768957	165469	84126	81343
0-4	261845	132597	129248	238614	120753	117861	23231	11844	11387
5-9	262483	132400	130083	239453	120684	118769	23030	11716	11314
10-14	224248	112795	111453	202744	102059	100685	21504	10736	10768
15-19	146489	71868	74621	130278	63855	66423	16211	8013	8193
20-24	153446	75916	77530	138224	68265	69959	15222	7651	7571
25-29	138688	69210	69478	125352	62531	62821	13336	6679	6657
30-34	109159	56995	52164	98589	51308	47281	10570	5687	4883
35-39	105585	56219	49366	95743	50954	44789	9842	5265	4577
40-44	68970	37133	31837	62273	33642	28631	6697	3491	3206
45-49	71843	38392	33451	65055	34841	30314	6788	3551	3237
50-54	51537	27771	23766	46396	25168	21228	5141	2603	2538
55-59	45210	23825	21385	40724	21572	19152	4486	2253	2233
60-64	32832	17071	15761	29453	15385	14068	3379	1686	1693
65-69	24323	12380	11943	21881	11189	10692	2442	1191	1251
70+	35779	17803	17976	32194	16046	16148	3585	1757	1828
Age not stated	443	205	238	438	202	236	5	3	2

Source: Superintendent of Census Operations, Kerala.

TABLE 1.12
Age Distribution of Population by Sex 1961, Ernakulam District

Age Group	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
All ages	1859913	931248	928665	1464603	727922	736681	395310	203326	191984
0-4	280596	142207	138389	223998	113426	110572	56598	28781	27817
5-9	271018	138481	132537	217093	111020	106073	53925	27461	26464
10-14	237924	119691	118233	190275	95568	94707	47649	24123	23526
15-19	152794	74663	78131	118408	56797	61611	34386	17866	16520
20-24	161739	78995	82744	124860	59691	65169	36879	19304	17575
25-29	142683	68831	73852	108898	51493	57405	33785	17338	16447
30-34	117725	59306	58419	89954	44556	45398	27771	14750	13021
35-39	114301	58691	55610	88223	44482	43741	26078	14209	11869
40-44	80440	41946	38494	62037	31902	30135	18403	10044	8359
45-49	79698	40752	38946	62499	31551	30948	17199	9201	7998
50-54	59749	30063	29686	46955	23534	23421	12794	6529	6265
55-59	50199	24532	25667	40508	19854	20654	9691	4678	5013
60-64	40536	19644	20892	32633	16018	16615	7903	3626	4277
65-69	28032	13499	14533	23199	11292	11907	4833	2207	2626
70+	41997	19699	22298	34617	16519	18098	7380	3180	4200
Age not stated	482	248	234	446	219	227	36	29	7

Source:—Superintendent of Census Operations, Kerala.

TABLE 1.13
Age Distribution of Population by Sex 1961, Trichur District

Age Group	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
All ages	1639862	784736	855126	1454210	694821	759389	185652	89915	95737
0-4	249093	126087	123006	223244	113109	110135	25849	12978	12871
5-9	225589	114784	110805	201625	102614	99011	23964	12170	11794
10-14	213691	107396	106295	189926	95418	94508	23765	11978	11787
15-19	137766	64883	72883	120494	56367	64127	17272	8516	8756
20-24	138980	60975	78005	122273	53111	69162	16707	7864	8843
25-29	119531	51969	67562	105703	45725	59978	13828	6244	7584
30-34	103629	46755	56874	91590	41155	50435	12039	5600	6439
35-39	96661	45157	51504	85682	39791	45891	10979	5366	5613
40-44	74641	35666	38975	66184	31607	34577	8457	4059	4398
45-49	73125	33639	37686	63069	29770	33299	8256	3869	4387
50-54	57954	27528	30426	51146	24273	26873	6808	3255	3553
55-59	44753	21108	23645	39375	18602	20773	5378	2506	2872
60-64	39840	18506	21334	35247	16401	18846	4593	2105	2488
65-69	26630	12383	14247	23516	11002	12514	3114	1381	1733
70+	39529	17796	21733	34898	15778	19120	4631	2018	2613
Age not stated	250	104	146	238	98	140	12	6	6

Source:—Superintendent of Census Operations, Kerala.

TABLE 1.14
Age Distribution of Population by Sex 1961, Palghat District

Age Group	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
All ages	1776566	851746	924820	1604716	767251	837465	171850	84495	87355
0—4	260098	130215	129883	237517	118735	118782	22581	11480	11101
5—9	233748	118521	115227	211671	107270	104401	22077	11251	10826
10—14	231486	115844	115642	209092	104497	104595	22394	11347	11047
15—19	160178	75077	85101	143789	67130	76659	16389	7947	8442
20—24	150445	67895	82550	135140	60455	74685	15305	7440	7865
25—29	132611	58321	74290	119393	52200	67193	13218	6121	7097
30—34	111626	50699	60927	100373	47295	55078	11253	5404	5849
35—39	104407	49859	54550	94122	44824	49298	10285	5033	5252
40—44	88771	42857	45914	80018	38455	41563	8753	4402	4351
45—49	74576	36280	38296	67151	32516	34635	7425	3764	3661
50—54	66422	31157	35265	59956	28100	31856	6466	3057	3409
55—59	46841	22521	24320	42226	20314	21912	4615	2207	2408
60—64	49138	22463	26675	44403	20267	24136	4735	2196	2539
65—69	26776	12499	14277	24223	11317	12906	2553	1182	1371
70+	38991	17280	21711	35191	15617	19574	3800	1663	2137
Age not stated	452	260	192	451	259	192	1	1	..

Source:—Superintendent of Census Operations, Kerala.

TABLE 1.15
Age Distribution of Population by Sex 1961, Kozhikode District

Age Group	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
All ages	2617189	1300974	1316215	2184682	1083556	1101126	432507	217418	215089
0—4	394332	199445	194887	335045	169183	165852	59287	30262	29025
5—9	371640	190113	181527	314063	160259	153804	57577	29854	27723
10—14	356392	182581	173811	298225	152557	145658	58167	30024	28143
15—19	217861	106065	111796	179147	86811	92336	38714	19254	19460
20—24	219318	104494	114824	181404	85642	95762	37914	18852	19062
25—29	200208	92583	107625	166818	76517	90301	33390	16066	17324
30—34	171353	82473	88880	141635	67894	73741	29718	14579	15139
35—39	152851	76465	76386	126308	63159	63149	26543	13306	13237
40—44	127219	65412	61807	105041	53945	51096	22178	11467	10711
45—49	105091	54183	50908	86876	44824	42052	18215	9359	8856
50—54	90016	45374	44642	74049	37261	36788	15967	8113	7854
55—59	60278	30580	29698	49809	25414	24395	10469	5166	5303
60—64	59528	28176	31352	49368	23569	25799	10160	4607	5553
65—69	35924	17459	18465	30171	14760	15411	5753	2699	3054
70+	54322	25073	29249	45893	21276	24617	8429	3797	4632
Age not stated	856	498	358	830	485	345	26	13	13

Source: Superintendent of Census Operations, Kerala.

TABLE 1.16
Age Distribution of Population by Sex 1961 Cannanore District

Age Group	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
All ages	1780294	874667	905627	1480177	725325	754852	300117	149342	150775
0—4	263311	132986	130325	223458	112690	110768	39853	20296	19557
5—9	260536	133314	130222	220865	112899	107966	39671	20415	19256
10—14	231255	116737	114518	191509	96318	95191	39746	20419	19327
15—19	142530	69232	73298	116663	56332	60331	25867	12900	12967
20—24	147996	68704	79269	121753	55850	65903	26243	12854	13389
25—29	140839	64339	76495	116297	52448	63849	24537	11891	12646
30—34	117575	56055	61520	96766	45960	50806	20809	10095	10714
35—39	102454	50511	51943	84138	41431	42707	18316	9080	9236
40—44	81876	40162	41714	67126	32845	34281	14750	7317	7433
45—49	73314	36407	36907	60168	29857	30311	13146	6550	6596
50—54	62145	29817	32328	51048	24518	26530	11097	5299	5798
55—59	44449	21991	22458	36871	18380	18491	7578	3611	3967
60—64	43829	21161	22668	36180	17592	18588	7649	3569	4080
65—69	26520	13169	13351	22222	11105	11117	4298	2064	2234
70+	41313	19876	21437	34772	16902	17870	6541	2974	2567
Age not stated	357	206	151	341	198	143	16	8	8

Source:—Superintendent of Census Operations, Kerala.

TABLE 1.17
Distribution of Population by Marital Status, 1961, Kerala

Marital Status	Total			Rural		Urban	
	Persons	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8
Never married	.. 9579030	5218710	4360320	4397321	3702077	821389	658243
Married	.. 6058305	2942912	3115393	2506991	2670501	435921	444892
Widowed	.. 1000419	143041	857378	123705	713943	19336	143435
Divorced or separated	.. 260723	54566	206157	48621	181480	5945	24677
Unspecified status	.. 5238	2698	2540	2530	2405	168	135
Total	.. 16903715	8361927	8541788	7079168	7270406	1282759	1271382

Source:—Superintendent of Census Operations, Kerala.

TABLE 1.18
Distribution of Population by Marital Status, 1961, Trivandrum District

Marital Status	Total			Rural		Urban	
	Persons	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8
Never married	.. 1046133	572614	473519	428613	354258	147001	119261
Married	.. 577226	281738	295488	206575	218796	75163	76692
Widowed	.. 92861	11088	81773	8086	59760	3002	22013
Divorced or separated	.. 28180	4352	23828	3479	19266	873	4562
Unspecified status	.. 131	92	39	92	37	..	2
Total	.. 1744531	869884	874647	643845	652117	226039	222530

Source:—Superintendent of Census Operations, Kerala.

TABLE 1.19

Distribution of Population by Marital Status, 1961, Quilon District

Marital Status	Total			Rural		Urban	
	Persons	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8
Never married	.. 1134235	617068	517167	569041	479091	48027	38076
Married	.. 679244	334041	345203	309424	320835	24617	24368
Widowed	.. 98081	15804	82277	14838	75691	966	6586
Divorced or separated	.. 29662	5739	23923	5439	22628	300	1295
Unspecified status	.. 6	5	1	4	1	1	..
Total	.. 1941228	972657	968571	898746	898246	73911	70325

Source:—Superintendent of Census Operations, Kerala.

TABLE 1.20

Distribution of Population by Marital Status, 1961, Alleppey District

Marital Status	Total			Rural		Urban	
	Persons	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8
Never married	.. 1037335	559111	478224	460651	396332	98460	81892
Married	.. 639561	311811	327750	259471	273797	52340	53953
Widowed	.. 109933	17746	92187	15131	74845	2615	17342
Divorced or separated	.. 24383	4746	19637	3986	16594	760	3043
Unspecified status	.. 40	21	19	9	5	12	14
Total	.. 1811252	893435	917817	739248	761573	154187	156244

Source:—Superintendent of Census Operations, Kerala.

TABLE 1.21

Distribution of Population by Marital Status, 1961, Kottayam District

Marital Status	Total			Rural		Urban	
	Persons	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8
Never married	.. 999125	538706	460419	484463	415420	54243	44999
Married	.. 640498	320962	319536	292998	291491	27964	28045
Widowed	.. 77174	18453	58721	16837	51535	1616	7186
Divorced or separated	.. 16079	4456	11623	4153	10510	303	1113
Unspecified status	.. 4	3	1	3	1	..	..
Total	.. 1732880	882580	850300	798454	768957	84126	81343

Source:—Superintendent of Census Operations, Kerala.

TABLE 1.22

Distribution of Population by Marital Status, 1961, Ernakulam District

Marital Status	Total			Rural		Urban	
	Persons	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8
Never married	.. 1072052	578217	493835	448887	392609	129330	101226
Married	.. 664001	329792	334219	259616	267669	70166	66550
Widowed	.. 105869	19023	86846	15859	65019	3164	21827
Divorced or separated	.. 17830	4131	13699	3559	11382	572	2317
Unspecified status	.. 161	95	66	1	2	94	64
Total	.. 1859913	931248	928665	727922	736681	20326	191984

Source:—Superintendent of Census Operations, Kerala.

TABLE 1.23

Distribution of Population by Marital Status, 1961, Trichur District

Marital Status	Total			Rural		Urban	
	Persons	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8
Never married	.. 941344	495669	445675	437857	393636	57812	52039
Married	.. 574411	270965	303446	240795	271783	30170	31663
Widowed	.. 104047	14738	89309	13106	78662	1632	10647
Divorced or separated	.. 19278	3085	16193	2784	14805	301	1388
Unspecified status	.. 782	279	503	279	503	..	..
Total	.. 1639862	784736	855126	694821	754389	89915	95737

Source:—Superintendent of Census Operations, Kerala.

TABLE 1.24

Distribution of Population by Marital Status, 1961, Palghat District

Marital Status	Total			Rural		Urban	
	Persons	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8
Never married	.. 946488	514099	432389	460759	389797	53340	42592
Married	.. 667906	315680	352226	286150	318851	29530	33375
Widowed	.. 130450	15442	115008	14080	104885	1362	10123
Divorced or separated	.. 30822	6027	24795	5764	23530	263	1265
Unspecified Status	.. 900	498	402	498	402	..	..
Total	.. 1776566	851746	924820	767251	837465	84495	87355

Source:—Superintendent of Census Operations, Kerala.

TABLE 1.25

Distribution of Population by Marital Status, 1961, Kozhikode District

Marital Status	Total			Rural		Urban	
	Persons	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8
Never married	1425589	795727	629862	658654	525182	137073	104680
Married	975914	473661	502253	397392	424056	76269	78107
Widowed	165470	18703	146767	15847	119283	2856	27484
Divorced or separated	48318	11851	35467	10671	31788	1180	4679
Unspecified Status	1898	1032	866	992	817	40	49
Total	2617189	1330974	1316215	1083556	1101126	217418	215089

Source:—Superintendent of Census Operations, Kerala.

TABLE 1.26

Distribution of Population by Marital Status, 1961, Cannanore District

Marital Status	Total			Rural		Urban	
	Persons	Males	Females	Males	Females	Males	Females
1	2	3	4	5	6	7	8
Never married	976729	547499	429260	45396	355752	96103	73478
Married	639544	304272	335272	254570	283223	49702	52049
Widowed	116534	112044	104490	9921	84263	2123	20227
Divorced or separated	46171	10179	35992	8786	30977	1395	5015
Unspecified Status	1316	673	643	652	637	21	6
Total	1780294	874667	905627	725325	754852	149342	150775

Source:—Superintendent of Census Operations, Kerala.

TABLE 1.27

District-wise Number of Inhabited Villages in Kerala by Size of Population, 1961.

District	Size of Villages in terms of Population—1961															
	Less than 200		200-499		500-999		1000-1999		2000-4999		5000-9999		10000 & above		All Villages	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Cannanore	..	..	..	..	7	5.2	24	34.0	72	267.9	96	705.5	36	467.5	235	1480.1
Kozhikode	..	..	..	..	1	0.8	..	..	74	300.5	191	1290.0	44	593.4	310	2184.7
Palghat	..	..	..	..	5	5.0	11	17.9	138	511.7	128	861.8	15	207.8	298	1604.7
Trichur	2	0.1	..	0.5	3	2.1	13	20.9	98	348.2	93	659.1	29	423.8	238	1454.2
Ernakulam	..	..	1	0.2	..	..	1	1.5	6	21.4	26	202.9	73	1238.6	107	1464.6
Kottayam	..	..	..	..	1	0.7	6	9.3	2	5.7	12	89.8	80	1462.0	101	1567.5
Alleppey	1	0.1	1	0.2	..	..	1	1.9	2	6.7	14	116.9	80	1375.0	99	1500.8
Quilon	..	0.1	..	..	..	..	..	..	..	..	8	70.7	90	1726.2	98	1797.0
Trivandrum	..	..	..	..	1	0.9	1	1.2	3	15.5	19	147.3	63	1131.1	87	1296.0
Total	3	0.3	3	0.9	18	14.7	57	86.7	395	1477.6	587	4144.0	510	8625.4	1573	14349.6

Source: Census of India 1961, Volume I, Part II—A (i).

A. Number of Villages

B. Population in '000s.

TABLE 1.28

Number of Inhabited Villages in Kerala by Size of Population, 1961

Size of Village in terms of Population	Number of Villages	Population in thousands
1	2	3
1 Less than 200	3	0.3
2 200-499	3	0.9
3 500-999	18	14.7
4 1000-1999	57	86.7
5 2000-4999	395	1477.5
6 5000-9999	587	4144.0
7 10,000 and above	510	8625.5
All Villages	1573	14349.6

Source: Census of India, Paper No. 1 of 1962

TABLE 1.29

Number of Towns in Kerala by Size of Population 1961

Size of town in terms of population	Number of towns	Population in thousands
1	2	3
1 Less than 5000	1	2.9
2 5000-9999	18	126.4
3 10000-19999	33	472.3
4 20000-49999	31	885.9
5 50000-99999	5	378.3
6 100000 & over	4	688.4
All Towns	92	2554.1

Source: Census of India, Paper No. 1 of 1962

TABLE 1.30

Distribution of Taluks according to Density in Kerala 1961

Density range	No. of taluks	Percentage
1	2	3
1 Less than 500	7	12.7
2 500-1000	10	18.2
3 1001-1500	10	18.2
4 1501-2000	8	14.5
5 2001-2500	7	12.7
6 2501-3000	3	5.5
7 Above 3000	10	18.2
Total	55	100.0

Source: Bureau of Economics and Statistics, Government of Kerala

TABLE 1.31

Distribution of Taluks according to Total Population in Kerala—1961

Population range	No. of taluks	Percent
1	2	3
1 Below 1 lakh	2	4
2 Above 1 lakh and below 2 lakhs	8	14
3 Above 2 lakhs and below 3 lakhs	16	30
4 Above 3 lakhs and below 4 lakhs	19	34
5 Above 4 lakhs and below 5 lakhs	5	9
6 Above 5 lakhs and below 6 lakhs	4	7
7 Above 6 lakhs	1	2
Total	55	100

Source: Bureau of Economics and Statistics, Government of Kerala

TABLE 1.32

Area and Population of Municipalities in Kerala as on 1-3-1961

Municipality	District	Area (sq. k.m.)	Population (Thousands)	Density per sq. k.m.	Rank in Density
1	2	3	4	5	6
Ernakulam	Ernakulam	28.18	117.25	4161	9
Mattancherry	do.	6.97	83.90	12037	2
Fort Cochin	do.	2.80	35.08	12527	1
Alwaye	do.	7.17	20.86	2910	15
Trivandrum (Corporation)	Trivandrum	44.52	239.82	5387	7
Calicut	Kozhikode	30.71	192.52	6289	3
Alleppey	Alleppey	46.78	138.83	2968	13
Quilon	Quilon	16.34	91.02	5570	6
Palghat	Palghat	26.60	77.62	2918	14
Trichur	Trichur	12.67	73.04	5764	4
Kottayam	Kottayam	15.54	52.69	3390	11
Cannanore	Cannanore	10.83	46.10	4257	8
Tellicherry	do.	7.80	44.76	5738	5
Kayamkulam	Alleppey	21.78	44.57	2046	19
Badagara	Kozhikode	21.34	43.91	2058	18
Changanacherry	Kottayam	13.26	42.38	3196	12
Sherthalai	Alleppey	16.19	31.16	1926	23
Chittur-Thattamangalam	Palghat	14.71	26.46	1799	25
Thiruvalla	Alleppey	14.48	24.24	1675	26
Muvattupuzha	Ernakulam	19.76	22.90	1158	29
Irinjalakuda	Trichur	12.10	22.34	1846	24
Attingal	Trivandrum	14.17	22.05	1557	27
Parur	Ernakulam	8.62	20.85	2419	16
Neyyattinkara	Trivandrum	10.00	20.27	2026	21
Mavelikara	Alleppey	9.32	18.97	2036	20
Vaikom	Kottayam	8.73	17.42	1995	22
Kunnamkulam	Trichur	6.97	16.27	2334	17
Perumbavoor	Ernakulam	11.50	16.15	1404	28
Palai	Kottayam	14.56	15.46	1062	30
Total		464.40	1618.89	3485	10

Source: Census of India, paper No. 1 of 1962

TABLE 1.33
Population of Kerala 1921 to 1961

State/District	Rural/Urban	1921	1931	1941	1951	1961
1	2	3	4	5	6	7
KERALA	Rural	7121227	8590720	9835991	11723286	14349574
	Urban	680900	916330	1195550	1825832	2554141
	Total	7802127	9507050	11031541	13549118	16903715
Trivandrum	Rural	564459	723044	837008	1020679	1295962
	Urban	101934	133307	178049	307133	448569
	Total	666393	856851	1015057	1327812	1744531
Quilon	Rural	670872	852923	1062086	1330560	1796992
	Urban	41334	57883	79968	143435	144236
	Total	712206	910806	1142054	1473995	1941228
Alleppey	Rural	821555	1010040	1131803	1299255	1500821
	Urban	88000	120675	142226	222048	310431
	Total	909555	1130715	1274029	1521303	1811252
Kottayam	Rural	592908	811375	989141	1168800	1567411
	Urban	56860	78289	94188	158868	165469
	Total	649768	889664	1083329	1327668	1732880
Ernakulam	Rural	737357	901907	1082342	1263079	1464603
	Urban	96492	154034	193981	267064	395310
	Total	833849	1055941	1276323	1530143	1859913
Trichur	Rural	734888	873528	999868	1198483	1454210
	Urban	51676	88437	119697	164182	185652
	Total	786564	961965	1119565	1362665	1639862
Palghat	Rural	1011043	1123579	1208878	1394771	1604716
	Urban	81680	89702	117262	170396	171850
	Total	1092723	1213281	1326140	1565167	1776566
Kozhikode	Rural	1185293	1371021	1484346	1797062	2184682
	Urban	100329	119749	187644	268222	432507
	Total	1285622	1490770	1671990	2065284	2617189
Cannanore	Rural	802852	923303	1040519	1250597	1480177
	Urban	62595	73754	82535	124484	300117
	Total	865447	997057	1123054	1375081	1780294

Source: The Superintendent of Census Operations, Kerala, Trivandrum.

TABLE 1.34
Growth of Population in Kerala by Districts 1901-61

Districts	1901	1911	1921	1931	1941	1951	1961
1	2	3	4	5	6	7	8
Cannanore	7.87	8.42	8.65	9.97	11.73	13.76	17.80
Kozhikode	11.52	12.51	12.86	14.91	16.72	20.65	26.17
Palghat	9.77	10.51	10.93	12.13	13.26	15.65	17.77
Trichur	6.59	7.43	7.87	9.62	13.63	13.63	16.40
Ernakulam	6.69	7.63	8.34	10.56	12.76	15.30	18.60
Kottayam	4.76	5.60	6.50	8.89	10.83	13.28	17.33
Alleppey	6.68	7.67	9.09	11.31	12.74	15.21	18.11
Quilon	5.23	6.01	7.12	9.11	11.42	14.74	19.41
Trivandrum	4.85	5.69	6.66	8.57	10.15	12.28	17.45
KERALA	63.96	71.47	78.02	95.07	110.31	135.49	169.04

Source: Compiled from Census data.

TABLE 1.35

Decennial Percentage Growth in Population of Kerala by Districts—1901-61.

District	1901-11	1911-21	1921-31	1931-41	1941-51	1951-61
1	2	3	4	5	6	7
Cannanore ..	7.0	2.7	15.3	12.6	22.4	29.5
Kozhikode ..	8.6	2.8	15.9	12.1	23.5	26.7
Palghat ..	7.6	4.0	11.0	9.3	18.0	13.5
Trichur ..	12.7	5.9	22.2	16.4	21.7	20.3
Ernakulam ..	14.1	9.3	26.6	20.8	19.9	21.6
Kottayam ..	17.6	16.1	36.8	21.8	22.6	30.5
Alleppey ..	14.8	18.5	24.4	12.6	19.4	19.1
Quilon ..	14.9	18.5	27.9	25.4	29.1	31.7
Trivandrum ..	17.3	17.0	28.7	18.4	30.8	31.4
KERALA ..	11.7	9.2	21.9	16.0	22.8	24.8

Source: Compiled from Census data.

TABLE—1.36

Mid-year Estimated population of Kerala by Districts, 1951-1965

(Population in Lakhs)

Districts	1951	1952	1953	1954	1955	1956	1957	1958
1	2	3	4	5	6	7	8	9
Cannanore	13.75	14.11	14.48	14.86	15.25	15.65	16.06	16.48
Kozhikode	20.65	21.15	21.66	22.18	22.71	23.26	23.82	24.39
Palghat	15.65	15.85	16.05	16.26	16.47	16.68	16.90	17.12
Trichur	13.63	13.88	14.14	14.40	14.67	14.94	15.22	15.50
Ernakulam	15.30	15.60	15.91	16.22	16.54	16.87	17.20	17.54
Kottayam	13.28	13.64	14.01	14.39	14.78	15.18	15.59	16.01
Alleppey	15.21	15.48	15.75	16.03	16.31	16.60	16.89	17.19
Quilon	14.74	15.15	15.57	16.00	16.45	16.91	17.38	17.86
Trivandrum	13.28	13.65	14.03	14.42	14.82	15.23	15.65	16.08
Kerala	135.49	138.51	141.60	144.76	148.00	151.32	154.71	158.17

Districts	1959	1960	1961	1962	1963	1964	1965	1966
1	10	11	12	13	14	15	16	17
Cannanore	16.91	17.35	17.80	18.26	18.74	19.23	19.73	20.24
Kozhikode	24.98	25.58	26.17	26.82	27.46	28.12	28.79	29.45
Palghat	17.34	17.56	17.77	18.02	18.25	18.49	18.73	18.97
Trichur	15.79	16.09	16.40	16.60	16.91	17.23	17.55	17.88
Ernakulam	17.89	18.24	18.60	18.97	19.34	19.72	20.11	20.51
Kottayam	16.44	16.88	17.33	17.81	18.29	18.78	19.29	19.81
Alleppey	17.49	17.80	18.11	18.43	18.75	19.08	19.42	19.76
Quilon	18.36	18.87	19.41	19.94	20.50	21.07	21.66	22.26
Trivandrum	16.53	16.99	17.45	17.94	18.44	18.95	19.47	20.01
Kerala	161.73	165.31	169.04	172.79	176.68	180.67	184.75	188.92

Note:—Worked out on the basis of the geometric rate of growth of population

TABLE—1.37

Projected population of Kerala by Sex and Age groups, 1956-57.

('00s)

Age group in years	1966			1971			1976		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9	10
0—4	30569	15710	14859	33621	17390	16231	34957	18136	16821
5—9	25498	13006	12492	29489	15223	14266	32713	17002	15711
10—14	22314	11268	11046	25153	12841	12312	29195	15088	14107
0—14	78381	39984	38397	88263	45454	42809	96865	50226	46639
15—19	19560	9655	9905	22008	11122	10886	24877	12714	12163
20—24	17025	8261	8764	19210	9489	9721	21675	10970	10705
25—29	14762	7133	7629	16678	8105	8573	18870	9339	9531
30—34	12631	6122	6509	14409	6985	7423	16366	7972	8394
35—39	10801	5288	5513	12289	5981	6308	14114	6857	7257
40—44	9166	4586	4580	10456	5135	5321	11995	5846	6149
45—49	7553	3822	3731	8795	4404	4391	10134	4979	5155
50—54	6183	3122	3061	7147	3612	3535	8422	4211	4211
55—59	5008	2494	2514	5730	2883	2847	6719	3382	3337
15—59	102689	50483	52206	116721	57716	59005	133172	66270	66902
60—64	3888	1907	1981	4484	2218	2266	5225	2610	2615
65—69	2835	1368	1467	3305	1605	1700	3892	1906	1986
70 and over	3575	1677	1898	4239	1987	2252	5065	2395	2670
60 and over	10298	4952	5346	12028	5810	6218	14182	6911	7271
All ages	191368	95419	95949	217012	108980	108032	244219	123407	120812

Source: Registrar General of India (Population projections of the Planning Commission).

TABLE 1.38

Projected Population of Kerala by Broad age groups, 1966-76

Year	Age group in year		
	0-14	15-59	60 & over
1	2	3	4
1966	78381	102689	10298
1971	88263	116721	12028
1976	96865	133172	14182

Source: Registrar General of India (Population projections of the Planning Commission)

TABLE 1.39

Registered Birth and Death Rates in Kerala 1956-63

Year	Birth rate	Death rate
1	2	3
1956	23.0	7.4
1957	23.8	9.6
1958	24.6	7.6
1959	26.2	7.8
1960	23.9	6.9
1961	25.0	7.2
1962	22.7	6.3
1963	22.4	6.0

Source: Bureau of Economics and Statistics

TABLE 1.40

Marital fertility rate according to Age group in Kerala

Age group	Marital fertility rate
1	2
Under 18 years	86.30
18-22	241.94
23-27	283.62
28-32	215.18
33-37	182.14
38-42	99.27
43-47	30.35
48 and above	3.58

Note: Rates from sample census 1961
Source: Bureau of Economics and Statistics, Kerala

TABLE--1.41

Registered Vital Rates in Kerala by District Rural and Urban, 1962 and 1963

Districts	Birth rate						Death rate					
	1962			1963			1962			1963		
	Rural	Urban	Com- bined	Rural	Urban	Com- bined	Rural	Urban	Com- bined	Rural	Urban	Com- bined
1	2	3	4	5	6	7	8	9	10	11	12	13
Trivandrum	16.87	63.54	24.43	14.83	50.16	20.55	4.03	12.88	5.56	3.83	10.54	4.92
Quilon	22.27	65.59	24.30	21.66	62.04	23.55	4.72	8.84	4.91	4.75	8.52	4.92
Alleppey	21.07	32.09	22.64	19.98	36.27	22.30	5.96	7.45	6.17	5.71	6.37	5.80
Kottayam	23.30	34.19	24.11	23.90	40.81	25.14	5.60	8.24	5.79	5.40	8.26	5.61
Ernakulam	18.72	39.71	22.30	20.36	44.55	24.15	4.48	9.50	5.34	4.67	7.98	5.23
Trichur	13.34	47.89	15.69	14.41	51.16	16.91	3.33	8.57	3.68	3.45	8.64	3.76
Palghat	19.27	37.52	20.33	19.71	32.35	20.45	8.67	13.11	8.93	7.53	13.25	7.87
Kozhikode	20.86	42.86	22.84	17.18	50.92	22.05	7.16	13.28	7.71	6.29	17.78	7.33
Cannanore	26.37	42.83	27.23	25.11	40.36	25.89	8.10	13.87	8.40	7.43	14.03	7.77
State	20.40	44.73	22.73	20.00	44.87	22.88	5.90	10.59	6.35	5.53	10.38	5.99

Source: Bureau of Economics and Statistics, Government of Kerala.

TABLE 1.42

Expectation of Life of Males and Females in Kerala
at selected ages for the decades between
1911-1960

Age	Sex	1911-20	1921-30	1931-40	1941-50	1951-60
1	2	3	4	5	6	7
0	Male	25.49	29.54	33.19	39.89	46.17
	Female	27.41	32.70	35.00	42.34	50.00
10	Male	31.96	36.70	38.74	44.37	47.22
	Female	32.22	37.67	38.76	46.34	51.60
20	Male	26.66	30.21	32.14	36.31	36.85
	Female	25.68	29.71	32.15	38.29	42.41
30	Male	20.03	22.66	25.18	28.57	30.20
	Female	20.80	23.11	26.32	30.06	34.04
40	Male	15.13	16.97	18.86	21.72	22.47
	Female	16.60	17.82	20.47	22.83	26.34
50	Male	10.22	12.28	12.94	15.72	16.03
	Female	11.87	12.76	14.32	16.36	19.78
60	Male	6.91	8.59	8.38	10.87	10.95
	Female	8.42	9.03	9.47	11.12	14.34

Source: Bureau of Economics and Statistics, Government of Kerala

TABLE—1.43

Population-Land Ratio in Kerala by Districts, 1960-61

District	Total area according to village papers	Area under forest	Land not available for cultivation	Other un-cultivated land excluding fallow land	Fallow lands	Net area sown	Area sown more than once	Population land ratio	
								Per-capita geographical area	Per-capita Net sown area
1	2	3	4	5	6	7	8	9	10
Trivandrum	533.98	110.24	33.38	10.90	14.82	364.64	121.18	0.31	0.21
Quilon	1159.05	526.63	70.70	33.25	14.89	513.59	121.74	0.61	0.26
Alleppey	461.57	1.27	32.14	20.54	17.04	390.58	157.74	0.25	0.22
Kottayam	1547.43	614.69	101.32	114.93	22.11	694.39	73.32	0.89	0.40
Ernakulam	784.38	136.55	69.52	56.06	21.69	500.57	48.46	0.42	0.27
Trichur	727.14	328.48	44.05	29.46	13.81	311.33	175.07	0.44	0.19
Palghat	1261.29	246.28	221.87	146.21	49.37	597.57	189.56	0.71	0.34
Kozhikode	1634.81	479.51	112.48	187.28	63.96	791.59	91.79	0.62	0.30
Cannanore	1424.96	166.13	194.22	372.51	102.74	589.36	71.66	0.80	0.33
STATE	9534.61	2609.78	879.68	971.14	320.43	4753.62	1050.52	0.56	0.28

Source: Bureau of Economics and Statistics, Government of Kerala.

TABLE 1.44

Land use and Population—Land Ratio in Kerala 1960-61

Particulars	Area lakh acres	Percent
1	2	3
A. LAND USE		
(i) Total geographical area according to Professional survey	96.01	100.0
(ii) Total reporting area according to village papers	95.35	99.3
(iii) Net area sown	47.54	49.5
(iv) Area under forests	26.10	27.2
(v) Fallow Lands:—		
(a) Current fallows	1.66	1.7
(b) Others	1.54	1.6
(vi) Other uncultivable land excluding fallow land:—		
(a) Permanent pastures and other fallow land	1.12	1.2
(b) Land under tree crops and groves	5.05	5.2
(c) Cultivable waste	3.54	3.7
(vii) Not available for cultivation:—		
(a) Land put to nonagriculture uses	5.06	5.3
(b) Barren & uncultivable land	3.74	3.9
B. POPULATION LAND RATIO		
(i) Per capita geographical area (in acres)	0.57	..
(ii) Per capita net sown area (in acres)	0.28	..

Source: Season and crop report for Kerala State—1959-60 1960-61 Department of Statistics 1963.

SECTION 2

Characteristics of Working Population

This Section consists of 49 tables (2.1 to 2.49) giving data on economically active and inactive segments of population.

Tables 2.1 to 2.4 give data on the working population of Kerala by industrial category and sex for 1951 and 1961. Tables 2.5 to 2.8 provide data on working population by industrial category and sex (rural and urban) category-wise and district-wise. The district-wise data on rural and urban work participation rate in Kerala is given in Table 2.9. Working population of Kerala by broad age groups for 1961 is furnished in Table 2.10. Data on persons not at work classified according to sex, broad age groups and type of activity are provided in Tables 2.11 to 2.20. Tables 2.21 to 2.30 provide district-wise information on occupational distribution of workers other than cultivation. These are followed by 11 Tables showing the work status of working population (district-wise). Distribution of working population according to industrial category is shown in Tables 2.42 to 2.47. Tables 2.48 and 2.49 provide data thrown up by N.S.S. (14th Round) on industrial and occupational distribution of gainfully employed persons in Kerala.

TABLE 2.1

Working Population of Kerala by Industrial Category and Sex, 1951

Category	(In lakhs)		
	1951		
	Persons	Male	Female
1	2	3	4
TOTAL WORKERS	43.73	31.18	12.55
1 As cultivators	10.12	7.98	2.14
2 As agricultural labourers	11.15	7.09	4.06
3 In mining, quarrying, live-stock, forestry, fishing, hunting, plantations, orchards and allied activities	3.25	2.31	0.94
4 In manufacturing other than household industry	8.23	4.85	3.38
5 In construction	0.66	0.62	0.04
6 In trade and commerce	2.89	2.63	0.26
7 In transport, storage and communications	1.39	1.30	0.09
8 In other services	6.04	4.40	1.64

Source: Census of India, Paper No. 1 of 1962

TABLE 2.2

Working Population of Kerala by Industrial Category and Sex 1961

Category	(In lakhs)		
	1961		
	Persons	Male	Female
1	2	3	4
TOTAL WORKERS	56.30	39.47	16.83
1 As cultivators	11.77	9.04	2.73
2 As agricultural labourers	9.78	5.17	4.61
3 Mining, quarrying, plantations, forestry, fishing, live-stock and hunting	4.87	3.98	0.89
4 In manufacturing industry including household industry	10.19	5.82	4.37
5 In construction	0.71	0.68	0.03
6 In trade and commerce	3.22	2.98	0.24
7 In transport, storage and communications	1.53	1.45	0.08
8 In other services	14.23	10.35	3.88

Source: Census of India, Paper No. 1 of 1962

TABLE 2.4

Percentage Distribution of Working Population of Kerala by Industrial Category and Sex 1951

Category	1951		
	Persons	Male	Female
	1	2	3	4
1 As cultivators	23.2	25.6	17.0
2 As agricultural labourers	25.5	22.7	32.4
3 In mining, quarrying, plantations, orchards and allied activities	7.4	7.4	7.5
4 In manufacturing industry including household industry	18.8	15.6	26.9
5 In construction	1.5	2.0	0.3
6 In trade and commerce	6.6	8.4	2.1
7 In transport, storage and communications	3.2	4.2	0.7
8 In other services	13.8	14.1	13.1
Total	100.0	100.0	100.0

Source: Census of India, Paper No. 1 of 1962

TABLE 2.3

Percentage Distribution of Working Population of Kerala by Industrial Category and Sex 1961

Category	1961		
	Persons	Male	Female
	1	2	3	4
1 As cultivators	20.9	22.9	16.2
2 As agricultural labourers	17.4	13.1	27.4
3 In mining, quarrying, plantations forestry, fishing, live-stock and hunting	8.6	10.1	5.3
4 In manufacturing industry including household industry	18.1	14.7	26.0
5 In construction	1.3	1.7	0.2
6 In trade and commerce	5.7	7.6	1.4
7 In transport, storage and communications	2.7	3.7	0.5
8 In other services	25.3	26.2	23.0
Total	100.0	100.0	100.0

Source: Census of India, Paper No. 1 of 1962

TABLE—2.5

Working Population of Kerala by Industrial Category and Sex—Rural and Urban, 1961

(In lakhs)

Category	Rural			Urban		
	Persons	Male	Female	Persons	Male	Female
1	2	3	4	5	6	7
TOTAL WORKERS	48.75	33.57	15.18	7.55	5.90	1.65
1 As cultivators	11.41	8.77	2.64	0.36	0.27	0.09
2 As agricultural labourers	9.48	5.02	4.40	0.30	0.15	0.15
3 In mining, quarrying, livestock, forestry, fishing, hunting, plantation, orchards and allied activities	4.44	3.57	0.87	0.43	0.41	0.02
4 Manufacturing including household industry	8.36	4.50	3.86	1.83	1.32	0.51
5 In construction	0.57	0.55	0.02	0.14	0.13	0.01
6 In trade and commerce	2.21	2.05	0.16	1.01	0.93	0.08
7 In transport, storage and communications	0.95	0.89	0.06	0.58	0.56	0.02
8 In other services	11.33	8.22	3.11	2.90	2.13	0.77

Source: Census of India, Paper No. 1 of 1962.

TABLE 2.6

Percentage Distribution of Working Population of Kerala by Industrial Category and Sex, Rural and Urban, 1961

Category	Rural			Urban		
	Persons	Male	Female	Persons	Male	Female
1	2	3	4	5	6	7
1 As cultivators	23.4	26.1	17.4	4.7	4.6	5.5
2 As agricultural labourers	19.5	15.0	29.4	4.0	2.5	9.1
3 In mining quarrying, plantations forestry, fishing, livestock and hunting	9.1	10.6	5.7	5.7	6.9	1.2
4 In manufacturing including household industry	17.2	13.4	25.4	24.2	22.4	30.9
5 In construction	1.2	1.6	0.1	1.9	2.2	0.6
6 In trade and commerce	4.5	6.1	1.1	13.4	15.8	4.8
7 In transport, storage and communications	1.9	2.7	0.4	7.7	9.5	1.2
8 In other services	23.2	24.5	20.5	38.4	36.1	46.7
Total	100.0	100.0	100.0	100.0	100.0	100.0

Source: Census of India, Paper No. 1 of 1962

TABLE 2.7

Working Population of Kerala as Percentage of Total in each District and Sex, 1961

District	1961		
	Persons	Male	Female
1	2	3	4
Cannanore	35.37	48.10	23.08
Kozhikode	30.63	47.06	14.40
Palghat	38.81	51.47	27.14
Trichur	33.20	45.52	21.89
Ernakulam	33.19	47.02	19.32
Kottayam	32.61	48.39	16.24
Alleppey	33.70	45.64	22.08
Quilon	32.52	45.77	19.22
Trivandrum	31.00	46.05	16.04
ALL KERALA	33.31	47.20	19.21

Source: Census of India, 1961—Paper No. 1 of 1962

TABLE 2.8

Working Population of Kerala as Percentage of Total in each District and Sex, Rural—Urban—1961

District	Urban			Rural		
	All Persons	Male	Female	All Persons	Male	Female
1	2	3	4	5	6	7
Cannanore	31.25	48.84	13.83	36.21	47.95	24.92
Kozhikode	28.22	46.61	9.63	31.11	47.15	15.33
Palghat	32.40	48.17	17.16	39.49	51.83	28.18
Trichur	39.36	44.22	15.41	33.69	45.69	22.71
Ernakulam	29.07	46.79	10.30	34.30	47.09	21.66
Kottayam	28.39	45.19	11.01	33.06	48.72	16.79
Alleppey	29.51	43.50	15.70	34.57	46.08	23.39
Quilon	30.99	44.63	16.65	32.65	45.86	19.42
Trivandrum	29.18	45.08	13.03	31.64	46.39	17.07
ALL KERALA	29.57	45.98	13.00	33.98	47.42	20.88

Note: Compiled from the data available in Census of India 1961 Paper No. 21 of 1962

TABLE 2.9

Urban and Rural work Participation Rate in Kerala by Sex, and Districts, 1961

Districts	Work Participation Rate of					
	Male		Female		Total	
	Urban	Rural	Urban	Rural	Urban	Rural
1	2	3	4	5	6	7
Cannanore	48.84	47.95	13.83	24.92	31.27	36.21
Kozhikode	46.61	47.15	9.63	15.33	28.22	31.11
Palghat	48.17	51.83	17.16	28.18	32.40	39.49
Trichur	44.22	45.69	15.41	22.71	29.36	33.69
Ernakulam	46.79	47.09	10.30	21.66	29.07	34.30
Kottayam	45.19	48.72	1.10	16.79	28.39	33.06
Alleppey	43.50	46.08	15.70	23.39	29.51	34.57
Quilon	44.63	45.86	16.65	19.42	30.99	32.65
Trivandrum	45.08	46.39	13.03	17.07	29.18	31.64
State	45.98	47.42	13.00	20.88	29.57	33.97

Source: Worked out from Census data 1961

TABLE—2.10

Percentage Distribution of working population of Kerala by Broad age groups 1961

Age groups	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
0-14	42.63	43.61	41.66	43.01	44.09	41.95	40.46	40.96	39.96
15-34	30.95	29.84	32.94	30.63	29.37	31.84	32.77	32.39	33.15
35-59	20.57	20.88	20.26	20.45	20.75	20.16	21.21	21.56	20.85
Sub Total (15-59)	51.52	50.72	52.30	51.08	50.12	52.00	53.98	53.95	54.00
60+	5.83	5.65	6.02	5.89	5.75	6.02	5.55	5.08	6.03
Age not stated	0.02	0.02	0.02	0.02	0.04	0.03	0.01	0.01	0.01
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Source: Superintendent of Census Operations, Kerala.

TABLE—2.11

Persons not at work classified by Sex, Broad Age groups and Type of Activity 1961. Kerala State

Activity	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
1. Full time students	3386297	1883709	1502588	2822540	1575014	1247526	563757	308695	255062
2. House hold duties	2848115	..	2848115	2352721	..	2352721	495394		495394
3. Dependents, infants, and disabled	4726036	2302365	2423671	4069634	1981234	2088400	656402	321131	335271
4. Retired, rentier or independent means	90126	61157	28969	64502	42402	22100	25624	18755	6869
5. Beggars, vagrants etc.	41706	24254	17452	33020	19049	13971	8686	5205	3481
6. Inmates of penal, mental and charitable institutions	8561	6072	2489	4331	3012	1310	4239	3060	1179
7. Persons seeking employment for the first time	138351	106581	31770	105072	81057	24005	33279	25514	7765
8. Persons employed before but now out of employment and seeking work	34190	30751	3439	22562	20184	2378	11628	10567	1061
9. Total non-working population	11273382	4414889	6858493	9474373	3721962	5752411	1799009	692927	1106082

Source: Superintendent of Census Operations, Kerala.

TABLE—2.12

**Persons not at work classified by Sex, Broad age groups and Type of Activity,
Trivandrum District**

Activity	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
1. Full time students	381751	211474	170277	277026	154218	122808	104725	57256	47469
2. Household duties	305033	..	305033	222403	..	22403	82630	..	82630
3. Dependents, infants & disabled	483954	234290	249664	369242	178625	190617	114712	55665	59047
4. Retired, rentier or independent means	10368	7727	2641	4809	3566	1342	5460	4161	1299
5. Beggars, vagrants etc.	3039	1642	1397	2002	1084	918	1037	558	479
6. Inmates of penal, mental and charitable institutions	2101	1726	375	75	34	41	2026	1692	334
7. Persons seeking employment for the first time	14977	10637	4340	8950	6680	2270	6027	3957	2070
8. Persons employed before, but now out of employment and seeking work	2417	1793	624	1355	932	423	1062	861	201
9. Total non-working population	1203640	469289	734351	885931	345139	540822	317679	124150	193529

Source: Superintendent of Census Operations, Kerala.

TABLE—2.13

**Persons not at work classified by Sex, Broad age groups and Type of Activity, 1961,
Quilon District**

Activity	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
1. Full time students	465810	258619	207191	431133	239429	191704	34677	19190	15487
2. Household duties	305949	..	305948	282509	..	282509	23439	..	23439
3. Dependents, infants and disabled	504556	243648	260908	468003	225676	24327	36553	17972	18581
4. Retired, rentier or independent means	5571	3984	1587	4430	3158	1272	1141	826	315
5. Beggars, vagrants etc.	3668	2375	1293	3387	2187	1200	281	183	93
6. Inmates of penal, mental and charitable institutions	142	88	54	55	33	17	87	50	37
7. Persons seeking employment for the first time	19981	14967	5014	17434	12997	4457	2547	1990	557
8. Persons employed before but now out of employment and seeking work	4202	3788	414	3387	3078	309	815	710	1
9. Total non-working population	1309878	527469	782409	1210338	436543	723795	99540	40926	58614

Source: Superintendent of Census Operations, Kerala.

TABLE—2.14

Persons not at work classified by Sex, Broad age groups and Type of Activity 1961.
Alleppey District

Activity	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
1. Full time students	443275	238682	204593	367403	197633	169770	75872	41049	34822
2. Household duties	275898	..	275898	221176	..	221176	54722		547232
3. Dependents, infants and disabled	443544	219245	224299	366073	181486	184587	77471	37759	39712
4. Retired, rentier or independent means	8199	6110	2089	5365	4033	1332	2834	2077	757
5. Beggars, vagrants etc.	4207	2725	1482	3023	1952	1071	1184	773	411
6. Inmates of penal, mental and charitable institutions	1264	943	321	1219	915	304	45	28	17
7. Persons seeking employment for the first time	19668	13798	5870	14954	10255	4699	4714	3543	1171
8. Persons employed before, but now out of employment and seeking work	4773	4195	578	2794	2314	480	1979	1881	98
9. Total non-working population	1200828	485698	715130	982007	398588	583419	218821	87110	131711

Source: Superintendent of Census Operations, Kerala.

TABLE 2.15

Persons not at work classified by Sex, Broad age groups and Type of Activity, 1961.
Kottayam District

Activity	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
1 Full time students	386403	208633	177770	342408	185850	156558	43995	22783	21212
2 Household duties	285329	..	285329	255410	..	255410	29919	..	29919
3 Dependents, infants and disabled	469188	227690	241498	429704	207953	221751	39484	19737	19747
4 Retired, rentier or independent means	6498	4719	1779	4948	3561	1387	1550	1158	392
5 Beggars, vagrants etc.	3723	2251	1472	3000	1775	1225	723	476	247
6 Inmates of penal, mental and charitable institutions	632	211	421	347	119	228	285	92	193
7 Persons seeking employment for the first time	13765	10041	3724	11695	8599	3096	2070	1442	628
8 Persons employed before, but now out of employment and seeking work	2227	1978	249	1755	1555	200	472	428	49
9 Total non-working population	1167765	455523	712242	1049267	409412	639855	118498	46111	72387

Source: Superintendent of Census Operations, Kerala.

TABLE 2.16

**Persons not at work classified by Sex, Broad age groups and Type of Activity, 1961
Ernakulam District**

Activity	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
1 Full time students	398792	216302	182490	311198	168389	142809	87594	47913	39681
2 Household duties	292783	..	292783	217448	..	217448	75335	..	75335
3 Dependents, infants and disabled	513874	249703	264171	409738	199616	210122	104136	50087	54049
4 Retired, rentier or independent means	9847	7014	2833	6151	4273	1878	3696	2741	955
5 Beggars, vagrants etc.	4624	2659	1965	3283	1857	1426	1341	802	539
6 Inmates of penal, mental and charitable institutions	672	202	470	310	127	183	362	75	287
7 Persons seeking employment for the first time	17609	13424	4185	11673	8653	3020	5936	4771	1165
8 Persons employed before, but now out of employment and seeking work	4429	4042	387	2427	2232	195	2002	1810	192
9 Total non-working population	1242630	493346	749284	962228	385147	577081	280402	108199	172203

Source: Superintendent of Census Operations, Kerala.

TABLE 2.17

**Persons not at work classified by Sex, Broad age groups and Type of Activity, 1961
Trichur District**

Activity	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
1 Full time students	344311	186147	158164	295685	160741	134944	48626	25406	23220
2 Household duties	270171	..	270171	235052	..	235052	35119	..	35119
3 Dependents infants and disabled	446510	217497	229013	405756	197303	208453	40754	20194	20560
4 Retired, rentier or independent means	10474	6646	3828	8196	5086	3110	2278	1560	718
5 Beggars, vagrants etc.	3245	1870	1375	2529	1406	1123	716	464	252
6 Inmates of penal, mental and charitable institutions	1948	1545	403	1621	1309	312	327	236	91
7 Persons seeking employment for the first time	14160	9716	4444	11835	8284	3551	2325	1432	893
8 Persons employed before, but now out of employment and seeking work	4604	4083	521	3612	3219	393	992	864	128
9 Total non-working population	1095423	427504	667919	964286	377348	586938	131137	50156	80981

Source: Superintendent of Census Operations, Kerala.

TABLE 2.18

Persons not at work classified by Sex, Broad age groups and Type of Activity, 1961
Palghat District

Activity	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
1 Full time students	255497	149957	105540	223123	131222	91901	32374	18735	13639
2 Household duties	289546	..	289546	255316	..	255316	34230	..	34230
3 Dependents, infants and disabled	512120	243342	268778	467898	222238	245660	44222	21104	23118
4 Retired, rentier or independent means	13468	7836	5632	10935	5993	4942	2533	1843	690
5 Beggars, vagrants etc.	5863	3132	2731	5145	2725	2420	718	407	311
6 Inmates of penal, mental and charitable institutions	112	66	46	79	50	29	33	16	17
7 Persons seeking employment for the first time	8144	6814	1330	6535	5534	1001	1609	1280	329
8 Persons employed before, but now out of employment and seeking work	2410	2214	196	1965	1802	163	445	412	33
9 Total non-working population	1087160	413361	673799	970996	369564	601432	116164	43797	72367

Source: Superintendent of Census Operations, Kerala.

TABLE 2.19

Persons not at work classified by Sex, Broad age groups and Type of Activity, 1961
Kozhikode District

Activity	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
1 Full time students	430652	250146	180506	348029	202892	145137	82623	47254	35369
2 Household duties	535516	..	535516	438067	..	438067	97449	..	97449
3 Dependents, infants and disabled	801360	400440	400920	683524	342104	341420	117836	58336	59500
4 Retired, rentier or independent means	13841	9864	3977	10557	7210	3347	3284	2654	630
5 Beggars, vegrants etc.	9009	5283	3726	7483	4382	3101	1526	901	625
6 Inmates of penal, mental and charitable institutions	663	421	242	401	278	123	262	143	119
7 Persons seeking employment for the first time	19264	17677	1587	13875	12852	1023	5389	4825	564
8 Persons employed before, but now out of employment and seeking work	5178	4929	249	3099	2962	137	2079	1967	112
9 Total non-working population	1815483	688760	1126723	1505035	572680	932355	310448	116080	194368

Source: Superintendent of Census Operation Kerala.

TABLE 2.20

**Persons not at work classified by Sex, Broad age groups and Type of Activity, 1961
Cannanore District**

Activity	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
1 Full time students	279806	163749	116057	226535	134640	91895	53271	29109	24162
2 Household duties	287891	..	287891	225340	..	225340	62551	..	62551
3 Dependents, Infants and Disabled	550930	266510	284420	469696	226233	243463	81234	40277	40957
4 Retired, Rentier or Independent means	11860	7257	4603	9012	5522	3490	2848	1735	1113
5 Beggars, Vagrants etc.	4328	2317	2011	3168	1681	1487	1160	636	524
6 Inmates of Penal, Mental and charitable institutions	1027	870	157	215	142	73	812	728	84
7 Persons seeking employment for the first time	10783	9507	1276	8121	7233	888	2662	2274	388
8 Persons employed before, but now out of employment and seeking work	3950	3729	221	2168	2090	78	1782	1639	143
9 Total non-working population	1150575	453939	696636	944255	377541	566714	206320	76398	129922

Source: Superintendent of Census Operations, Kerala.

TABLE 2.21

**Occupational Distribution of workers other than in cultivation, 1961
Kerala State**

Division Description	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
0 Professional, technical and related workers	216603	155674	60929	164727	120338	43229	51876	34836	17040
1 Administrative, executive and managerial workers	120631	115958	4673	90529	86803	3726	30102	29155	947
2 Clerical and related workers	107725	101439	6286	56287	53904	2383	51438	47536	3903
3 Sales workers	289112	267844	21268	208617	193876	14741	80495	73968	6527
4 Farmers, fishermen, hunters, loggers and related workers	486128	392952	93176	439787	350070	89717	46341	42882	3459
5 Miners, quarrymen and related workers	17139	16654	485	16452	15981	471	687	673	14
6 Workers in transport and communication occupations	89403	88499	910	58737	58165	572	30666	30328	338
7-8 Craftsmen, production process workers and labourers not classified elsewhere	886819	224510	645309	564669	342	574327	306150	234168	70982
9 Service, sports and recreation workers	268355	153531	114824	182083	104140	77943	86272	49391	36881
10 Workers not classifiable by occupation	8919	8567	352	3944	3763	181	4975	4804	171
TOTAL	3473834	1525622	948212	2785832	977882	807950	688002	547740	140262

Source: Superintendent of Census Operations, Kerala.

TABLE 2.22

Occupational Distribution of workers other than in cultivation, 1961
Trivandrum District

Division Description	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
0 Professional technical and related workers	22440	16167	6273	12008	8761	3247	10432	7406	3026
1 Administrative, executive and managerial workers	12100	11526	574	6756	6408	348	5344	5118	226
2 Clerical and related workers	19568	17559	2009	7361	6921	440	12207	10638	1569
3 Sales workers	29315	22799	6516	16541	13036	3505	12774	9763	3011
4 Farmers, fishermen, hunters, loggers and related workers	29246	25562	3684	18727	11294	3173	10519	10008	511
5 Miners, quarrymen and related workers	730	644	86	645	559	86	85	85	..
6 Workers in transport and communication occupations	6954	6897	57	5443	3526	17	3411	3371	40
7-8 Craftsmen, productive process workers and labourers not classified elsewhere	124040	194054	69986	143580	85319	58261	50460	38735	11725
9 Service, sports and recreation workers	29497	17852	11645	14234	9204	5030	15263	8648	6615
10 Workers not classifiable by occupations	1397	1332	65	634	608	26	763	724	39
TOTAL	345287	244392	100895	224029	149896	74133	121258	94496	26762

Source: Superintendent of Census Operations, Kerala.

TABLE 2.23

Occupational Distribution of workers other than in cultivation, 1961
Quilon District

Division Description	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
0 Professional, technical and related workers	23557	16705	6852	20899	15013	5886	2658	1692	966
1 Administrative, executive and managerial workers	13546	12978	568	11730	11225	505	1816	1753	63
2 Clerical and related workers	9613	9087	526	6942	6578	364	2671	2509	162
3 Sales workers	25541	23831	1710	21573	20047	1526	3968	3784	184
4 Farmers, fishermen, hunters, loggers and related workers	33168	27990	5178	30196	25087	5109	2972	2903	69
5 Miners, quarrymen and related workers	2716	2627	89	2681	2600	81	35	27	8
6 Workers in Transport and communication occupations	9388	9319	69	7745	7685	60	1643	1634	9
7-8 Craftsmen, production process workers and labourers not classified elsewhere	199856	95271	104585	179653	83101	96552	20203	12170	8033
9 Service, sports and recreation workers	26120	16960	9160	20620	13394	7226	5500	3566	1934
10 Workers not classifiable by occupation	748	735	13	437	430	7	311	305	6
TOTAL	344253	215503	128750	302476	185160	117316	41777	30343	11434

Source: Superintendent of Census operations, Kerala.

TABLE 2.24

**Occupational Distribution of workers other than in cultivation, 1961
Alleppey District**

Division Description	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
0 Professional, technical and related workers	26593	18155	8438	20517	14187	6330	6076	3968	2108
1 Administrative, executive and related workers	13787	13145	642	10760	10262	498	3027	2883	144
2 Clerical and related workers	10563	10006	557	6108	5819	289	4455	4187	268
3 Sales workers	31562	29923	1639	21764	20580	1184	9798	9343	455
4 Farmers, fishermen, hunters, loggers and related workers	38474	35793	2681	34368	31914	2454	4106	3879	227
5 Miners, quarrymen and related workers	961	948	13	932	919	13	29	29	..
6 Workers in transport and communication occupations	11972	11670	302	8700	8421	279	3272	3249	23
7-8 Craftsmen production process workers and labourers not classified elsewhere	220683	118981	101702	180386	92009	88377	40297	26972	13325
9 Service, sports and recreation workers	28519	15193	13326	20015	10695	9320	8504	4498	4006
10 Workers not classifiable by occupation	910	875	35	424	418	6	486	457	29
TOTAL	384024	254689	129335	303974	195224	108750	80050	59465	20585

Source: Superintendent of Census Operations, Kerala

TABLE 2.25

**Occupational Distribution of workers other than in cultivation, 1961
Kottayam District**

Division Description	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
0 Professional, technical and related workers	21613	14549	7064	17845	12178	5667	3768	2371	1397
1 Administrative, executive and managerial workers	10110	9688	422	8187	7849	338	1923	1839	84
2 Clerical and related workers	10855	10355	500	7814	7571	243	3041	2784	257
3 Sales workers	24926	23355	1571	18921	17815	1106	6005	5540	465
4 Farmers, fishermen, hunter, loggers and related workers	140471	93718	46753	138200	91617	46583	2271	2101	170
5 Miners, quarrymen and related workers	1668	1660	8	1647	1640	7	21	20	1
6 Workers in transport and communication occupations	7211	7124	87	5552	5487	65	1659	1637	22
7-8 Craftsmen, production process workers and labourers not classified elsewhere	119486	93524	25962	104472	80722	23750	15014	12802	2212
9 Service, sports and recreation workers	29493	18221	11272	22801	14400	8401	6692	3821	2871
10 Workers not classifiable by occupation	715	692	23	508	491	17	207	201	6
TOTAL	266548	272886	93662	325947	239770	86177	40601	33116	7485

Source: Superintendent of Census Operations, Kerala

TABLE 2.26

Occupational Distribution of workers other than in cultivation, 1961
Ernakulam District

Division Description	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
0 Professional, technical and related workers	24278	16215	8063	16258	11017	5241	8020	5198	2822
1 Administrative, executive and managerial workers	15656	15205	451	8580	8272	308	7076	6933	143
2 Clerical and related workers	17353	16251	1102	6881	6499	382	10472	9752	720
3 Sales workers	32470	30071	2399	21114	19410	1704	11356	10661	695
4 Farmers, fishermen, hunters, loggers and related workers	42403	38303	4100	38656	34933	3723	3747	3370	377
5 Miners, quarrymen and related workers	2413	2362	51	2396	2345	51	17	17	..
6 Workers in transport and communication occupations	13582	13421	161	6230	6169	61	7352	7252	100
7-8 Craftsmen, production process workers and labourers not classified elsewhere	217435	153799	63636	174453	116614	57839	32982	37185	5797
9 Service, sports and recreation workers	36448	20778	15670	19553	11068	8485	16895	9710	7185
10 Workers not classifiable by occupation	1683	1655	28	374	367	7	1309	1288	27
TOTAL	403721	308060	95661	294495	216694	77801	109226	91366	17860

Source: Superintendent of Census Operations, Kerala

TABLE 2.27

Occupational Distribution of workers other than in cultivation, 1961
Trichur District

Division Description	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
0 Professional, technical and related workers	23891	14969	8922	18722	11981	6741	5169	2988	2181
1 Administrative, executive and managerial workers	13273	12530	743	11074	10404	670	2199	2126	73
2 Clerical and related workers	10766	9994	772	7116	6684	432	3650	3310	340
3 Sales workers	30512	28583	1929	24330	22677	1653	6182	5906	276
4 Farmers, fishermen, hunters, loggers and related workers	39973	35135	4838	37263	32809	4456	2708	2326	382
5 Miners, quarrymen and related workers	1727	1686	41	1645	1606	39	82	80	2
6 Workers in transport and communication occupations	8890	8821	69	7090	7064	26	1800	1757	43
7-8 Craftsmen, production process workers and labourers not classified elsewhere	211781	129654	82127	192496	115899	76597	19285	13755	5530
9 Service, sports and recreation workers	29572	15283	14289	22809	11776	11033	6763	3507	3256
10 Workers not classifiable by occupation	747	657	90	471	405	66	276	252	24
TOTAL	371132	257312	113820	323018	221305	101713	48114	36007	12107

Source: Superintendent of Census Operations, Kerala

TABLE 2.28

**Occupational Distribution of workers other than in cultivation, 1961
Palghat District**

Division Description	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
0 Professional, technical and related workers	20997	16075	4922	17462	13506	3956	3535	2569	966
1 Administrative, executive and managerial workers	13062	12175	887	10897	10120	77	2165	2055	110
2 Clerical and related workers	8334	8100	234	4987	4884	103	3347	3216	131
3 Sales workers	28800	26904	1896	22702	21050	1652	6098	5854	244
4 Farmers, fishermen, hunters, loggers and related workers	34508	29148	5360	31728	27131	4597	2780	2017	763
5 Miners, quarrymen and related workers	1338	1249	89	1300	1211	89	38	38	..
6 Workers in transport and communication occupations	8263	8234	29	5994	5978	16	2269	2256	13
7-8 Craftsmen production process workers and labourers not classified elsewhere	185539	127329	58210	165456	1129311	52525	20083	14398	5685
9 Service, sports and recreation workers	30014	15691	14413	24496	12100	12396	5518	3501	2017
10 Workers not classifiable by occupation	479	456	23	228	208	20	251	248	3
TOTAL	331334	245271	86063	285250	209119	76131	46084	36152	9932

Source: Superintendent of Census Operations, Kerala

TABLE 2.29

**Occupational Distribution of workers other than in cultivation, 1961
Kozhikode District**

Division Description	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
0 Professional, technical and related workers	30324	24496	5828	23229	19567	3662	7095	4929	2166
1 Administrative, executive and managerial workers	15139	14932	207	11391	11229	162	3748	3703	45
2 Clerical and related workers	13244	12369	375	5333	5264	69	7911	7605	306
3 Sales workers	50701	49937	764	37029	36421	608	13672	13516	156
4 Farmers, fishermen, hunters, loggers and related workers	87679	73322	14357	76149	62378	13771	11530	10944	586
5 Miners, quarrymen and related workers	3715	3631	84	3505	3421	84	210	210	..
6 Workers in transport and communication occupations	15765	15647	118	9245	9205	40	6520	6442	78
7-8 Craftsmen, production process workers and labourers not classified elsewhere	304364	228045	76319	251714	185258	66456	52650	42787	9863
9 Service, sports and recreation workers	38379	21739	16640	25514	14495	11019	12865	7244	5621
10 Workers not classifiable by occupation	1528	1485	43	496	478	18	1032	1007	25
TOTAL	560838	446103	114735	443605	347716	95889	117233	98387	18846

Source: Superintendent of Census Operations, Kerala

TABLE 2.30

**Occupational Distribution of workers other than in cultivation, 1961
Cannanore District**

Division Description	Total			Rural			Urban		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
0 Professional, technical and related workers	22910	18343	4567	177187	14628	3159	5123	3715	1408
1 Administrative, executive and managerial workers	13958	13779	179	11154	11034	120	2804	2745	59
2 Clerical and related workers	7429	7218	211	3745	3684	61	3684	3534	150
3 Sales workers	35285	32441	2844	24643	22840	1803	10642	9601	1041
4 Farmers, fishermen, hunters, loggers and related workers	40206	33981	6225	34498	28647	5851	5708	5334	374
5 Miners, quarrymen, and related workers	1871	1847	24	1701	1680	21	170	167	3
6 Workers in transport and communication occupations	7378	7360	18	4638	4630	8	2740	2730	10
7-8 Craftsmen production process workers and labourers not classified elsewhere	216635	153853	62782	172459	118489	53970	44176	35364	8812
9 Service, sports and recreation workers	20313	11904	8409	12041	7008	5033	8272	4896	3376
10 Workers not classifiable by occupations	712	680	32	372	358	14	340	322	18
TOTAL	366697	281406	85291	283038	212998	70040	83659	68408	15251

Source: Superintendent of Census Operations, Kerala.

TABLE 2.31

Working Population of Kerala by Work Status 1961

Work Status	Rural			Urban			Total		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Female
1	2	3	4	5	6	7	8	9	10
1. Employer	50912	48102	2810	26964	26381	583	77876	74483	3393
2. Employee	943712	676153	267559	357655	284244	73411	1301367	960397	340970
3. Single Worker	1273664	1022569	251095	246594	209315	37279	1520253	1231884	288377
4. Family Worker	76541	62386	14155	9230	7818	1412	85771	70204	15564
Total	2344829	1809210	535619	640443	527758	112685	2985272	2336968	648304

Source: Superintendent of Census operations, Kerala.

TABLE 2.32

Percentage distribution of working Population of Kerala by Work Status, 1961

Work Status	Rural			Urban			Total		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
1. Employer	2.17	2.67	0.52	4.21	5.00	0.52	2.61	3.19	0.52
2. Employee	40.25	37.37	49.95	55.84	53.86	65.15	43.59	41.10	52.59
3. Single Worker	54.32	56.52	46.88	38.51	39.66	33.08	50.93	52.71	44.49
4. Family Worker	3.26	3.44	2.65	1.44	1.48	1.25	2.87	3.00	2.40
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Source: Superintendent of Census Operations, Kerala.

TABLE 2.33

Working Population by Work Status 1961—Trivandrum District

Work Status	Rural			Urban			Total		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
1. Employer ..	2860	2733	127	3379	3272	107	6239	6005	234
2. Employee ..	61288	45477	15811	58680	46543	12137	119968	92020	27948
3. Single Worker ..	106117	81418	24699	48576	38920	9656	154693	120338	34355
4. Family Worker ..	2354	1542	812	692	473	219	3046	2015	1031
Total ..	172619	131170	41449	111327	89208	22119	283946	220378	63568

Source:—Superintendent of Census Operations, Kerala.

TABLE 2.34

Working Population by Work Status, 1961—Quilon District

Work Status	Rural			Urban			Total		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
1. Employer ..	3462	3399	63	1277	1256	21	4739	4655	84
2. Employee ..	151333	83030	68303	27863	18654	9209	179196	101684	77512
3. Single Worker ..	91771	81029	10742	10381	9479	902	102152	90508	11644
4. Family Worker ..	2133	1685	448	404	326	78	2537	2011	526
Total ..	248699	169143	79556	39925	29715	10210	288624	198858	89766

Source:—Superintendent of Census Operations, Kerala.

TABLE 2.35

Working Population by Work Status, 1961—Alleppey District

Work Status	Rural			Urban			Total		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
1. Employer ..	3766	3657	109	2726	2665	61	6492	6322	170
2. Employee ..	73425	55892	17533	32354	25132	7222	105779	81024	24755
3. Single Worker ..	129753	112660	17093	32358	28652	3706	162111	141312	20799
4. Family Worker ..	4342	3561	781	947	767	180	5289	4328	961
Total ..	211286	175770	35516	68385	57216	11169	279671	232986	46685

Source:—Superintendent of Census Operations, Kerala.

TABLE 2.36

Working Population by Work Status 1961—Kottayam District

Work Status	Rural			Urban			Total		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Female
1	2	3	4	5	6	7	8	9	10
1. Employer ..	7561	7221	340	2033	1976	57	9594	9197	397
2. Employee ..	164612	108799	55813	19883	15587	4296	184495	124386	60109
3. Single Worker ..	111973	97618	14355	15668	13757	1911	127641	111375	16266
4. Family Worker ..	18154	15444	2710	757	669	88	18911	16113	2798
Total ..	302300	229082	73218	38341	31989	6352	340641	261071	79570

Source:—Superintendent of Census Operations, Kerala.

TABLE 2.37

Working Population by Work Status 1961—Ernakulam District

Work Status	Rural			Urban			Total		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
1. Employer ..	5742	4979	763	4305	4155	150	10047	9134	913
2. Employee ..	86128	66953	19175	64949	53037	11912	151077	119990	31087
3. Single Worker ..	151875	121330	30545	36039	31841	4198	187914	153171	34743
4. Family Worker ..	5322	4443	879	936	783	153	6258	5226	1032
Total ..	249067	197705	51362	106229	89816	16413	355296	287521	67775

Source:—Superintendent of Census Operations, Kerala.

TABLE 2.38

Working Population by Work Status, 1961—Trichur District

Work Status	Rural			Urban			Total		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
1. Employer ..	6073	5692	381	2038	1957	81	8111	7649	462
2. Employee ..	104009	76996	27013	24849	18264	6585	128858	95260	33598
3. Single Worker ..	153591	111773	41818	17600	13437	4163	171191	123210	45981
4. Family Worker ..	9445	7170	2275	935	824	111	10380	7994	2386
Total ..	273118	201631	63387	45422	34482	10940	318540	236113	82427

Source:—Superintendent of Census Operations, Kerala.

TABLE 2.39

Working Population by Work Status 1961—Palghat District

Work Status	Rural			Urban			Total		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
1. Employer ..	3753	3578	175	1841	1826	15	5594	5404	190
2. Employee ..	96197	73703	22494	20102	16176	3926	116299	89879	26420
3. Single Worker ..	132162	99923	32239	19524	15476	4048	151686	115399	36287
4. Family Worker ..	9314	6411	2903	975	790	185	10289	7201	3088
Total ..	241426	183615	57811	42442	34268	8174	283868	217883	65985

Source:—Superintendent of Census Operations, Kerala.

TABLE 2.40

Working Population by Work Status, 1961—Kozhikode District

Work Status	Rural			Urban			Total		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
1. Employer ..	9771	9283	488	6034	5967	67	15805	15250	555
2. Employee ..	122287	95880	26407	63941	53132	10809	186228	149012	37216
3. Single Worker ..	248464	207561	40903	38535	34673	3862	286999	242234	44765
4. Family Worker ..	17923	15799	2124	1891	1806	85	19814	17605	2209
Total ..	398445	328523	69922	110401	95578	14823	508846	424101	84745

Source:—Superintendent of Census Operations, Kerala.

TABLE 2.41

Working Population by Work Status 1961—Cannanore District

Work Status	Rural			Urban			Total		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
1	2	3	4	5	6	7	8	9	10
1. Employer ..	7924	7560	364	3331	3307	24	11255	10867	388
2. Employee ..	84433	69423	15010	45034	37719	7315	129467	107142	22325
3. Single Worker ..	147958	109257	38701	27913	23080	4833	175871	132337	43534
4. Family Worker ..	7554	6331	1223	1693	1380	313	9247	7711	1536
Total ..	247869	192571	55298	77971	65486	12485	325840	258057	67783

Source:—Superintendent of Census Operations, Kerala.

TABLE 2.42

Working Population of Kerala by Industrial Category and Districts 1961,

District	As Cultivator	As Agricultural labourer	In mining, quarrying, livestock, forestry, fishing, hunting, orchard & allied activities	At Household industry	In manufacturing other than Household industry	In Construction	In Trade & Commerce	In Transport, storage & communication	In other services	Total workers
1	2	3	4	5	6	7	8	9	10	11
Cannanore ..	152971	110051	39864	40857	65351	6456	37870	12445	163854	629719
Kozhikode ..	127844	113024	91433	51992	66950	7331	53173	27665	262274	801706
Palghat ..	140505	217567	32725	47466	38678	11158	28443	13311	159553	689406
Trichur ..	90276	83031	40718	52592	50533	7220	33377	15665	171027	544439
Ernakulam ..	126789	86773	39325	48425	68831	11050	39483	28751	167856	617283
Kottayam ..	113397	85170	142648	25907	33945	8870	28785	11006	115387	565115
Alleppey ..	109566	116834	35108	104353	56114	5913	36434	17769	128233	610424
Quilon ..	200403	86694	38500	55629	107320	5732	28934	13607	94531	631350
Trivandrum ..	116352	79252	27038	61341	41750	6972	35434	12274	160478	540891
Total ..	1178103	978396	487359	488562	529472	70702	321933	152513	1423293	5630333

Source:—Superintendent of Census Operations, Kerala.

TABLE 2.43

Percentage Distribution of Working Population of Kerala by Industrial Category and Districts, 1961

District	As Cultivator	As Agricultural labourer	In mining, quarrying, livestock, forestry, fishing, hunting, orchard & allied activities	At Household industry	In manufacturing other than Household industry	In Construction	In Trade & Commerce	In Transport, storage & communication	In other services	Total workers
1	2	3	4	5	6	7	8	9	10	11
Cannanore ..	24.28	17.48	6.33	6.49	10.38	1.03	6.01	1.98	26.02	100.00
Kozhikode ..	15.95	14.10	11.40	6.49	8.35	0.91	6.63	3.45	32.72	100.00
Palghat ..	20.38	31.55	4.75	6.89	5.61	1.62	4.13	1.93	23.14	100.00
Trichur ..	16.58	15.25	7.48	9.66	9.28	1.33	6.13	2.88	31.41	100.00
Ernakulam ..	20.54	14.06	6.37	7.84	11.15	1.79	6.40	4.66	27.19	100.00
Kottayam ..	20.07	15.07	25.24	4.58	6.01	1.57	5.09	1.95	20.42	100.00
Alleppey ..	17.95	19.14	5.75	17.10	9.19	0.97	5.97	2.91	21.02	100.00
Quilon ..	31.74	13.73	6.10	8.81	17.00	0.91	4.58	2.16	14.97	100.00
Trivandrum ..	21.51	14.65	5.00	11.34	7.72	1.29	6.55	2.27	29.67	100.00
Total ..	20.92	17.38	8.66	8.68	9.40	1.26	5.72	2.71	25.27	100.00

Source:—Superintendent of Census Operations, Kerala.

TABLE 2.44

Working Population of Kerala by Industrial Category and Districts, 1961—Urban

District	As Cultivator	As Agricultural labourer	In mining, quarrying, livestock, forestry, fishing, hunting, orchard & allied activities	At Household industry	In manu- facturing other than Household industry	In Construction	In Trade & Commerce	In Transport, storage & communication	In other services	Total workers
1	2	3	4	5	6	7	8	9	10	11
Cannanore ..	5983	4155	5171	5688	26675	1578	11878	4975	27694	93797
Kozhikode ..	2533	2293	11119	6832	25965	1737	17003	10835	43742	122059
Palghat ..	3332	6270	1998	3642	7717	1223	7163	4478	19863	55686
Trichur ..	3673	2728	2643	2692	7640	1047	7807	3260	23026	54515
Ernakulam ..	3344	2338	3214	2997	19046	2441	16464	15792	49272	114908
Kottayam ..	3610	2760	2240	2260	4995	999	7589	3004	19514	46971
Alleppey ..	5979	5581	3610	11665	15622	1588	12182	6161	29222	91610
Quilon ..	2103	816	2899	1852	14779	649	5062	2926	13610	44696
Trivandrum ..	6155	3477	10131	9931	13118	2582	15645	6111	63740	130890
Total ..	36712	30418	43024	47559	135557	13844	100793	57542	289683	755132

Source:—Superintendent of Census Operations, Kerala.

TABLE 2.45

Percentage Distribution of Working Population of Kerala by Industrial Category and Districts, 1961—Urban

District	As Cultivator	As Agricultural labourer	In mining, quarrying, livestock, forestry, fishing, hunting, orchard & allied activities	At Household industry	In manu- facturing other than Household industry	In Construction	In Trade & Commerce	In Transport, storage & communication	In other services	Total workers
1	2	3	4	5	6	7	8	9	10	11
Cannanore ..	6.38	4.43	5.52	6.06	28.44	1.68	12.66	5.30	29.53	100.00
Kozhikode ..	2.08	1.88	9.11	5.60	21.27	1.42	13.93	8.88	35.83	100.00
Palghat ..	5.98	11.26	3.59	6.54	13.86	2.20	12.86	8.04	35.67	100.00
Trichur ..	6.74	5.00	4.85	4.94	14.01	1.92	14.32	5.98	42.24	100.00
Ernakulam ..	2.91	2.03	2.80	2.61	16.57	2.12	14.33	13.75	42.88	100.00
Kottayam ..	7.69	5.88	4.77	4.81	10.63	2.13	16.16	6.40	41.53	100.00
Alleppey ..	6.53	6.09	3.94	12.73	17.05	1.73	13.30	6.73	31.90	100.00
Quilon ..	4.71	1.83	6.49	4.14	33.06	1.45	11.33	6.55	30.44	100.00
Trivandrum ..	4.70	2.66	7.74	7.59	10.02	1.97	11.95	4.67	48.70	100.00
Total ..	4.86	4.03	5.70	6.30	17.95	1.83	13.35	7.62	38.36	100.00

Source:—Superintendent of Census Operations, Kerala.

TABLE 2.46

Working Population of Kerala by Industrial Category and Districts, 1961—Rural

District	As Cultivator	As Agricultural labourer	In mining, quarrying, livestock, forestry, fishing, hunting, orchard & allied activities	At Household industry	In manu- facturing other than Household industry	In Construction	In Trade & Commerce	In Transport, storage & communication	In other services	Total workers	
1	2	3	4	5	6	7	8	9	10	11	
Cannanore	..	146988	105896	34693	35169	38676	4878	25992	7470	136160	535922
Kozhikode	..	125311	110731	80314	45160	40985	5594	36170	16850	218532	679467
Palghat	..	137173	211297	30727	43824	30961	9935	21280	8833	139690	633720
Trichur	..	86603	80303	38076	49900	42893	6173	25570	12405	148001	489924
Ernakulam	..	123445	84435	36111	45428	49785	8609	23019	12959	118584	502375
Kottayam	..	109787	82410	140408	23647	28950	7871	21196	8002	95873	518144
Alleppey	--	103587	111253	31498	92688	40492	4325	24252	11608	99111	518814
Quilon	--	198300	85878	35601	53777	92541	5083	23872	10681	80921	586654
Trivandrum	--	110197	75775	16907	51410	28632	4390	19789	6163	96738	410001
Total	--	1141391	947978	444335	441003	393915	56858	221140	94971	1133610	4875201

Source: Superintendent of Census Operations, Kerala.

TABLE 2.47

Percentage Distribution of working Population of Kerala by Industrial Category and Districts, 1961—Urban

District	As Cultivator	As Agricultural labourer	In mining, quarrying, livestock, forestry, fishing, hunting, orchard & allied activities	At Household industry	In manu- facturing other than Household industry	In Construction	In Trade & Commerce	In Transport, storage & communication	In other services	Total workers	
1	2	3	4	5	6	7	8	9	10	11	
Cannanore	..	27.43	19.76	6.47	6.56	7.22	0.91	4.85	1.39	25.41	100.00
Kozhikode	..	18.44	16.29	11.82	6.64	6.03	0.82	5.32	2.48	32.16	100.00
Palghat	..	21.65	33.34	4.85	6.92	4.89	1.57	3.36	1.39	22.03	100.00
Trichur	..	17.68	16.39	7.77	10.19	8.76	1.26	5.22	2.53	30.20	100.00
Ernakulam	..	24.57	16.81	7.19	9.04	9.91	1.71	4.58	2.58	23.61	100.00
Kottayam	..	21.19	15.90	27.10	4.56	5.59	1.52	4.09	1.54	18.51	100.00
Alleppey	..	19.97	21.44	6.07	17.87	7.80	0.83	4.67	2.24	19.11	100.00
Quilon	--	33.80	14.64	6.07	9.17	15.77	0.87	4.07	1.82	13.79	100.00
Trivandrum	--	26.88	18.48	4.12	12.54	6.98	1.07	4.83	1.50	23.60	100.00
Total	--	23.41	19.44	9.11	9.05	8.08	1.17	4.54	1.95	23.25	100.00

Source: Superintendent of Census Operations, Kerala.

TABLE 2.48

Industrial Distribution of the Gainfully Employed Persons in Kerala—Rural and Urban—Fourteenth Round of N.S.S. July 1958—June '59

<i>Industry</i>	<i>Rural</i>	<i>Urban</i>
1	2	3
1. Agriculture, Livestock, Forestry, Fishing and Hunting	57.74	17.88
2. Mining and Quarrying	0.45	0.21
3. Manufacturing	20.23	27.63
4. Construction	2.04	1.90
5. Electricity, Gas, water and Sanitary Services	0.17	0.45
6. Trade and Commerce	6.23	13.07
7. Transport, Storage and Communications	2.56	6.76
8. Services	9.58	25.43
9. Industries not adequately described	0.82	6.58
10. Not recorded	0.18	0.09
Total	100.00	100.00

TABLE 2.49

Occupational Distribution of the Gainfully Employed Persons in Urban Areas of Kerala fourteenth Round of N.S.S. July 1958—June 1959

<i>Occupational Group</i>	<i>Male</i>	<i>Female</i>	<i>All persons</i>
1	2	3	4
1. Professional, Technical and Related Workers	5.76	6.68	5.95
2. Administrative, Executive and Managerial Workers	11.94	..	9.45
3. Clerical and Related Workers		..	..
4. Sales Workers	16.85	3.52	14.07
5. Farmers, Fishermen, Hunters, Loggers and Related workers	18.28	13.76	17.33
6. Miners and Quarrymen and Related workers	0.26	..	0.21
7. Workers in Transport and Communications	5.06	..	4.01
8. Tailors, other textile product workers, Craftsmen, Production Process Workers and Labourers not elsewhere classified	25.68	34.45	27.50
Loaders and Unloaders, Workers Laundrymen		..	..
9. Service, Sport and Recreation Workers		11.04	30.24	15.05
10. Workers not classified	5.02	11.35	6.34
11. Not recorded	0.11	..	0.09
Total	100.00	100.00	100.00

SECTION 3

Labour force, Employment and Unemployment

This section contains 25 tables (3.1 to 3.25). Table 3.1 shows the percentage distribution of persons in the State by activity status and sex as revealed by the 14th Round of N.S.S. Tables 3.2 to 3.5 give the percentage distribution of persons in Kerala in each age group by activity status and sex. Tables indicating percentage distribution of persons by General Education and Marital status have been prepared and provided in Tables 3.5 to 3.10. All these tables are for urban areas only as similar tables for rural have not been worked out. Table 3.11 gives the percentage distribution of gainfully employed persons by weekly hours at work both for rural and urban sectors. The percentage distribution of gainfully employed, reporting availability for additional work, is provided in Table 3.12. Tables 3.13 to 3.22 show the district-wise distribution of employed persons in urban areas by industry and occupation (other than cultivation) in 1961. Employment Exchange statistics on registrations, placements, distribution of applicants by level of education and occupation are furnished in Tables 3.23 to 3.25.

TABLE 3.1

Percentage distribution of persons in Kerala by Activity Status and Sex (Rural and Urban) Fourteenth Round of N.S.S. (July 1958—June 1959)

Activity status	Rural						Urban					
	Base: All persons			Base: Persons of each sex			Base: All persons			Base: Person of each sex		
	Male	Female	Total	Male	Female	Male	Female	Total	Male	Female		
1	2	3	4	5	6	7	8	9	10	11	12	
1 Employers	..	0.85	0.36	1.21	1.74	0.71	0.89	0.23	1.12	1.78	0.46	
2 Employees	..	9.84	4.99	14.83	20.16	9.75	14.38	3.47	17.85	28.68	6.96	
3 Own-account workers	..	8.67	2.60	11.27	17.76	5.07	5.83	1.52	7.35	11.62	3.05	
4 Unpaid family enterprise workers	..	1.52	1.67	3.19	3.12	3.26	0.54	0.46	1.00	1.08	0.94	
5 Gainfully employed persons (items 1 to 4)		20.89	9.61	30.50	42.78	18.79	21.63	5.69	27.32	48.16	11.41	
6 Unemployed persons with job or enterprise at a future date	..											
(i) Seeking work for the first time	0.29	0.12	0.41	0.59	0.25	
(ii) Seeking work not for the first time	0.71	0.26	0.97	1.42	0.51	
(iii) Not seeking work but available	0.10	0.03	0.13	0.21	0.05	
7 Unemployed persons with job or enterprise at a future date	..	1.22	0.74	1.96	2.51	1.44	1.10	0.41	1.51	2.22	0.81	
8 Unemployed persons not with job or enterprise at a future date	..											
(i) Seeking work for the first time	0.20	0.22	0.42	0.39	0.45	
(ii) Seeking work not for the first time	0.18	..	0.18	0.35	..	
(iii) Not seeking work but available	0.05	0.05	0.00	0.10	
9 Unemployed persons without job or enterprise at a future date [items 8 (i)—8(iii)]	..	0.85	0.79	1.64	1.74	1.53	0.38	0.27	0.65	0.74	0.55	
10 Unemployed persons (items 7 & 8)	..	2.07	1.53	3.60	4.25	2.97	1.48	0.68	2.16	2.96	1.36	
11 Persons in labour force (items 5 & 10)	..	22.96	11.14	34.10	47.03	21.76	23.11	6.37	29.48	46.12	12.77	
12 Students	..	12.62	9.30	21.92	25.84	18.17	14.36	11.22	25.58	28.66	28.50	
13 House-workers	..	0.60	17.04	17.64	1.23	33.80	0.32	20.48	20.75	0.64	40.96	
14 Rentiers and pensioners	..	0.15	0.10	0.25	0.30	0.21	0.60	0.39	0.99	1.19	0.79	
15 Too old or too young	..	10.04	11.34	21.38	20.55	22.17	10.35	10.83	21.18	20.66	21.70	
16 Permanently disabled persons	..	2.40	2.16	4.56	4.92	4.22	0.56	0.23	0.79	1.07	0.50	
17 Others not in labour force	0.83	0.40	1.23	1.66	0.78	
18 Persons not in labour force (items 12 to 17)	..	25.81	39.94	85.75	52.84	78.07	27.02	43.50	70.52	53.88	87.23	
19 Not recorded	..	0.06	0.09	0.15	0.13	0.17	..	..	..	..	..
20 Total	..	48.83	51.17	100.00	100.00	100.00	50.13	49.87	100.00	100.00	100.00	
21 Number of sample persons	20073	9734	10339	..	..	2141	1075	1066	

* Reference period: One week.

TABLE 3.2

Percentage Distribution of persons in Kerala in each Age group by Activity Status—Fourteenth Round of N.S.S. (July 1958-June 1959) Urban

Age group	Urban					
	Persons in labour force			Persons not in labour force	Not recorded	Total
	Gainfully employed	Unemployed	Total			
1	2	3	4	5	6	7
0-11	0.02	..	0.02	34.08	..	34.10
12-14	0.45	..	0.45	6.40	..	6.85
15	0.28	..	0.28	1.70	..	1.98
0-15	0.75	..	0.75	42.18	..	42.93
16-17	0.89	0.15	1.04	2.64	..	3.68
18-21	2.21	0.54	2.75	3.86	..	6.61
22-26	3.69	0.64	4.33	4.51	..	8.84
27-36	8.20	0.37	8.57	5.30	..	13.87
37-46	5.20	0.08	5.28	3.69	..	8.97
47-61	5.28	0.38	5.66	5.30	..	10.96
16-61	25.47	2.16	27.63	25.31	..	52.94
62 & above	1.10	..	1.10	3.03	..	4.13
Not recorded	..	..	..	..	..	..
Total	27.32	2.16	29.48	70.52	..	100.00

TABLE 3.3

Percentage Distribution of Males in Kerala in each Age Group by Activity Status—Fourteenth Round of N.S.S. (July 1958-59-June 1959) Urban

Age group	Urban						No. of Sample persons
	Males in labour force			Males not in labour force	Not recorded	Total	
	Gainfully employed	Unemployed	Total				
1	2	3	4	5	6	7	8
0-11	0.05	..	0.05	36.12	..	36.17	183
12-14	0.55	..	0.55	6.31	..	6.86	43
15	0.30	..	0.30	1.58	..	1.88	12
0-15	0.90	..	0.90	44.01	..	44.91	240
16-17	1.17	0.20	1.37	2.21	..	3.58	25
18-21	3.36	0.39	3.75	2.02	..	5.77	30
22-26	6.36	0.87	7.23	0.95	..	8.18	47
27-36	12.88	0.74	13.62	0.65	..	14.27	66
37-46	8.63	0.16	8.79	0.73	..	9.52	51
47-61	8.44	0.60	9.04	1.15	..	10.19	63
16-61	40.84	2.96	43.80	7.71	..	51.51	282
62 & above	1.42	..	1.42	2.16	..	3.58	18
Not recorded	..	..	..	..	..	..	..
Total	43.16	2.96	46.12	53.88	..	100.00	540

TABLE 3.4

Percentage Distribution of Females in Kerala in each Age Group by Activity Status—Fourteenth Round of N.S.S. (July 1958-June 1959)

Age Group	Females in labour force			Females not in labour force	Not recorded	Total	Urban
	Gainfully employed	Unemployed	Total				
1	2	3	4	5	6	7	8
0-11	..	..	..	32.02	..	32.02	194
12-14	0.34	..	0.34	6.50	..	6.84	45
15	0.26	..	0.26	1.82	..	2.08	13
0-15	0.60	..	0.60	40.34	..	40.94	252
16-17	0.60	0.10	0.70	3.08	..	3.78	25
18-21	1.05	0.70	1.75	5.71	..	7.46	36
22-26	1.00	0.41	1.41	8.09	..	9.50	47
27-36	3.49	..	3.49	9.99	..	13.48	77
37-46	1.75	..	1.75	6.66	..	8.41	51
47-61	2.13	0.15	2.28	9.46	..	11.74	62
16-61	10.02	1.36	11.38	42.99	..	54.37	298
62 & over	0.79	..	0.79	3.90	..	4.69	28
Not recorded	..	..	..	..	..	..	..
Total	11.41	1.36	12.77	87.23	..	100.00	578

TABLE 3.5

Percentage Distribution of Persons in Kerala in each Activity Status by General Education Fourteenth Round of N.S.S. (July 1958-June 1959), Urban

General Education	Urban						
	Gainfully employed persons	Unemployed persons	Persons in labour	Persons not in labour	Not recorded	Total	
1	2	3	4	5	6	7	
Illiterate	..	7.89	0.47	8.37	32.18	..	40.55
Literate but below matric	..	16.81	0.83	17.64	36.38	..	54.02
Matric and above	..	2.47	0.86	3.32	1.80	..	5.12
Not recorded	..	0.15	..	0.15	0.16	..	0.31
Total		27.32	2.16	29.48	70.52	..	100.00
Number of sample persons	2141

TABLE 3.6

Percentage Distribution of Males in Kerala in each Activity Status by General Education Fourteenth Round of N.S.S. (July 1958-June 1959) Urban

General Education	Urban					
	Gainfully employed persons	Unemployed persons	Persons in labour force	Persons not in labour force	Not recorded	Total
1	2	3	4	5	6	7
Illiterate	9.50	0.64	10.14	22.02	..	32.16
Literate but below matric	28.99	1.89	30.38	30.03	..	60.41
Matric and above	4.47	0.93	5.40	1.73	..	7.13
Not recorded	0.19	..	0.19	0.11	..	0.30
Total	43.15	2.96	46.11	53.89	..	100.00
Number of sample persons	..	..	..	..	..	1075

TABLE 3.7

**Percentage Distribution of Females in Kerala in each Activity Status by General Education
Fourteenth Round of N.S.S. (July 1958—June 1959) Urban**

<i>General Education</i>	<i>Urban</i>					<i>Total</i>
	<i>Gainfully employed</i>	<i>Unemployed persons</i>	<i>Persons in labour</i>	<i>Persons not in labour</i>	<i>Not recorded</i>	
1	2	3	4	5	6	7
Illiterate	6.29	0.30	6.59	42.39	..	48.98
Literate but below matric	4.57	0.26	4.83	42.77	..	47.60
Matric and above	0.45	0.80	1.25	1.85	..	3.10
Not recorded	0.10	..	0.10	0.22	..	0.32
Total	11.41	1.36	12.77	87.23	..	100.00
Number of sample persons	..	..	..	..	..	1066

TABLE 3.8

**Percentage Distribution of Persons in Kerala in each Activity Status by Marital Category—Fourteenth
Round of N.S.S. (July 1958-June 1959) Urban**

<i>Marital Status</i>	<i>Urban</i>					<i>Total</i>
	<i>Gainfully employed persons</i>	<i>Unemployed persons</i>	<i>Persons in labour force</i>	<i>Persons not in labour force</i>	<i>Not recorded</i>	
1	2	3	4	5	6	7
Never married	6.91	1.18	8.09	48.06	..	56.15
Married	18.38	0.98	19.36	16.83	..	36.19
Widowed	1.42	..	1.42	5.26	..	6.68
Divorced	0.39	..	0.39	0.20	..	0.59
Separated	0.22	..	0.22	0.12	..	0.34
Not recorded	..	..	..	0.05	..	0.05
Total	27.32	2.16	29.48	70.52	..	100.00
Number of sample persons	594	51	645	806	..	1451

TABLE 3.9

**Percentage Distribution of Males in Kerala in each Activity Status by Marital Category—Fourteenth
Round of N.S.S. (July 1958-June 59) Urban**

<i>Marital Status</i>	<i>Urban</i>					<i>Total</i>
	<i>Gainfully employed persons</i>	<i>Unemployed persons</i>	<i>Persons in labour force</i>	<i>Persons not in labour force</i>	<i>Not recorded</i>	
1	2	3	4	5	6	7
Never married	11.75	1.67	13.42	49.70	..	63.12
Married	30.60	1.29	31.89	3.33	..	35.22
Widowed	0.56	..	0.56	0.86	..	1.42
Divorced	0.24	..	0.24	..	..	0.24
Separated	..	..	..	..	..	..
Not recorded	..	..	..	..	..	..
Total	43.15	2.96	46.11	53.89	..	100.00
Number of sample persons	..	..	..	..	..	..

TABLE 3.10

Percentage Distribution of Females in Kerala in Each Activity Status by Marital Category—Fourteenth Round of N.S.S. (July 1958-June 59) Urban

Marital Status	Urban					Total
	Gainfully employed persons	Unemployed persons	Persons in labour force	Persons not in labour force	Not recorded	
1	2	3	4	5	6	7
Never married	2.04	0.70	2.74	46.43	..	49.17
Married	6.11	0.66	6.77	30.39	..	37.16
Widowed	2.27	..	2.27	9.67	..	11.94
Divorced	0.55	..	0.55	0.39	..	0.94
Separated	0.44	..	0.44	0.25	..	0.69
Not recorded	..	..	..	0.10	..	0.10
Total	11.41	1.36	12.77	87.23	..	100.00
Number of sample persons	..	..	..	..	..	..

TABLE 3.11

Percentage Distribution of Gainfully Employed Persons by Weekly hours at work

Weekly hours at work	Percentage Distribution	
	Rural	Urban
1	2	3
1 0	2.93	4.34
2 1-7	3.40	1.76
3 8-14	4.68	3.21
4 15-28	13.06	13.48
5 29-42	20.65	18.16
6 43-56	26.15	37.34
7 57-70	23.62	17.28
8 above 70	5.51	4.43
Total	100.00	100.00

Source: Fourteenth Round of N.S.S. (July 1958-June 1959)

TABLE 3.12

Percentage Distribution of Gainfully Employed reporting availability for additional work

Weekly hours at work	Percentage of total employed reporting availability for additional work	
	Rural	Urban
1	2	3
1 0	0.15	1.03
2 1-14	6.25	3.05
3 15-28	12.55	8.03
4 29-42	9.26	8.37
5 43-56	3.85	5.62
6 57 and above	0.45	1.08
Total	32.61	27.18

Source: Fourteenth Round of N.S.S. (July 1958-June 1959)

TABLE 3.13

Distribution of Employed Persons in Urban Areas by Industry and Occupation (other than Cultivation) 1961—Kerala

Occupation/Industry	Mining, quarrying, livestock, forestry, fishing, hunting, plantation, orchard & allied activities	Household industry	Manufacturing other than household industry	Trade and Commerce	Transport storage & communication	Other services	Construction	Total
1	2	3	4	5	6	7	8	9
0 Professional, technical & related workers ..	245	320	1663	1465	533	271	47379	51876
1 Administrative, executive & managerial workers ..	72	136	3449	1089	3894	950	20512	30102
2 Clerical & related workers ..	317	14	5316	726	10525	4424	30116	51438
3 Sales workers ..	258	260	2492	..	74676	423	2386	80495
4 Farmers, fishermen, hunters, loggers & related workers ..	40020	1743	1466	..	1788	44	1280	46341
5 Miners, quarrymen & related workers ..	617	..	29	30	..	..	11	687
6 Workers in transport & communication occupation ..	33	..	428	84	251	28561	1309	30666
7-8 Craftsmen, production process workers & labourers not classified elsewhere ..	1322	45054	118902	10195	7719	21090	100868	305150
9 Service, sports & recreation workers ..	92	..	1310	143	820	1464	82443	86272
X Workers not classified by occupation ..	48	32	502	112	587	315	3379	4975
Total ..	43024	47559	135557	13844	100793	57542	289683	688002

Source: Superintendent of Census Operations, Kerala.

TABLE 3.14

Distribution of Employed Persons in Urban Areas by Industry and Occupation (other than Cultivation) 1961
Trivandrum District

Occupation/Industry	Mining, quarrying, livestock, forestry, fishing, hunting, plantation, orchard & allied activities	Household industry	Manufacturing other than household industry	Trade and Commerce	Transport storage & communication]	Other services	Construction	Total
1	2	3	4	5	6	7	8	9
0 Professional, technical & related workers ..	201	183	622	438	77	73	8838	10432
1 Administrative, executive & managerial workers ..	18	18	347	226	696	123	3916	5344
2 Clerical & related workers ..	16	6	604	248	1650	654	9029	12207
3 Sales workers ..	17	22	269	..	12148	13	305	12774
4 Farmers, fishermen, hunters, loggers & related workers ..	9601	349	31	..	280	..	258	10519
5 Miners, quarrymen & related workers ..	79	..	2	..	..	..	4	85
6 Workers in transport & communication occupation ..	1	..	40	27	18	3008	317	3411
7-8 Craftsmen, production process workers & labourers not classified elsewhere ..	191	9351	11091	1605	685	2067	25470	50460
9 Service, sports & recreation workers ..	6	..	100	26	48	129	14954	15263
X Workers not classified by occupation ..	1	2	12	12	43	44	649	763
Total ..	10131	9931	13118	2582	15645	6111	63740	121258

Source: Superintendent of Census Operations, Kerala.

TABLE 3.15

Quilon District

Occupation/Industry	Mining, quarrying, livestock, forestry, fishing, hunting, plantation, orchard & allied activities	Household industry	Manufacturing other than household industry	Trade and Commerce	Transport storage & communication	Other services	Construction	Total
1	2	3	4	5	6	7	8	9
0 Professional technical & related workers	5	15	99	42	19	10	2468	2658
1 Administrative, executive & managerial workers	9	14	440	70	161	56	1066	1816
2 Clerical and related workers	15	..	696	13	526	202	1219	2671
3 Sales workers	24	26	213	..	3566	13	126	3968
4 Farmers, fishermen, hunters, loggers & related workers	2734	14	30	..	95	3	96	2972
5 Miners, quarrymen & related workers	13	..	20	1	..	..	1	35
6 Workers in transport & communication occupation	2	..	70	1	16	1490	64	1643
7-8 Craftsmen, production process workers & labourers not classified elsewhere	88	1781	12851	509	525	1024	3425	20203
9 Service, sports & recreation workers	6	..	281	6	90	100	5017	5500
X Workers not classified by occupation	3	2	79	7	64	28	128	311
Total	2899	1852	14779	649	5062	2926	13610	41777

Source: Superintendent of Census Operations, Kerala.

TABLE 3.16

Alleppey District

Occupation/Industry	Mining, quarrying, livestock, forestry, fishing, hunting, plantation & orchard allied activities	Household industry	Manufacturing other than household industry	Trade and Commerce	Transport storage & communication	Other services	Construction	Total
1	2	3	4	5	6	7	8	9
0 Professional, technical & related workers	8	29	67	138	35	8	5791	6076
1 Administrative, executive & managerial workers	4	22	435	105	536	88	1837	3027
2 Clerical and related workers	23	..	716	67	976	312	2361	4455
3 Sales workers	40	45	390	..	8974	12	337	9798
4 Farmers, fishermen, hunters, loggers & related workers	3385	101	89	..	349	2	180	4106
5 Miners, quarrymen & related workers	13	..	4	12	..	..	..	29
6 Workers in transport & communication occupation	..	..	36	3	19	3083	131	3272
7-8 Craftsmen, production process workers & labourers not classified elsewhere	130	11467	13676	1239	1176	2518	10091	40297
9 Service, sports & recreation workers	2	..	168	15	89	121	8109	8504
X Workers not classified by occupation	5	1	41	9	28	17	385	486
Total	3610	11665	15622	1588	12182	6161	29222	80050

Source: Superintendent of Census Operations, Kerala.

TABLE 3.17.
Kottayam District

Occupation/Industry	Mining, quarrying, livestock, forestry, fishing, hunting, plantation, orchard & allied activities	Household industry	Manufacturing other than household industry	Trade and Commerce	Transport storage & communication	Other services	Construction	Total
1	2	3	4	5	6	7	8	9
0 Professional, technical & related workers ..	3	24	95	60	28	4	3554	3768
1 Administrative, executive & managerial workers ..	5	20	267	85	344	86	1116	1923
2 Clerical and related workers ..	100	2	287	39	689	253	1671	3041
3 Sales workers ..	15	23	168	..	5632	11	156	6005
4 Farmers, fishermen, hunters, loggers & related workers ..	1965	31	53	..	114	2	106	2271
5 Miners, quarrymen & related workers ..	20	..	1	..	..	..	..	21
6 Workers in transport & communication occupation ..	5	..	19	8	15	1545	67	1659
7-8 Craftsmen, production process workers & labourers not classified elsewhere ..	98	2157	4037	794	668	1041	6219	15014
9 Service, sports & recreation workers ..	21	..	46	5	83	47	6490	6692
X Workers not classified by occupation ..	8	3	22	8	16	15	135	207
Total ..	2240	2260	4995	999	7589	3004	19514	40601

Source: Superintendent of Census Operations, Kerala.

TABLE 3.18
Ernakulam District

Occupation/Industry	Mining, quarrying, livestock, forestry, fishing, hunting, plantation, orchard & allied activities	Household industry	Manufacturing other than household industry	Trade and Commerce	Transport storage & communication	Other services	Construction	Total
1	2	3	4	5	6	7	8	9
0 Professional, technical & related workers ..	10	11	375	154	99	47	7324	8020
1 Administrative, executive & managerial workers ..	14	27	492	220	775	199	5349	7076
2 Clerical and related workers ..	45	3	1033	58	2380	1114	5839	10472
3 Sales workers ..	35	100	417	..	10379	57	368	11356
4 Farmers, fishermen, hunters, loggers & related workers ..	2891	119	140	..	372	6	219	3747
5 Miners, quarrymen & related workers ..	16	..	..	1	..	..	..	17
6 Workers in transport & communication occupation ..	14	..	102	13	98	6733	392	7352
7-8 Craftsmen, production process workers & labourers not classified elsewhere ..	153	2715	16105	1946	1805	7018	13210	42982
9 Service, sports & recreation workers ..	24	..	187	22	312	535	15825	16895
X Workers not classified by occupation ..	12	22	195	27	244	93	716	1309
Total ..	3214	2997	19046	2441	16464	15792	49272	109226

Source: Superintendent of Census Operations, Kerala.

TABLE 3.19

Trichur District

Occupation/Industry	Mining, quarrying, livestock, forestry, fishing, hunting, plantation, orchard & allied activities	Household industry	Manufacturing other than household industry	Trade and Commerce	Transport storage & communication	Other services	Construction	Total
1	2	3	4	5	6	7	8	9
0 Professional technical & related workers ..	4	14	106	163	62	23	4797	5169
1 Administrative, executive and managerial workers ..	9	13	293	75	320	95	1394	2199
2 Clerical and related workers ..	26	..	270	63	1167	315	1809	3650
3 Sales workers ..	41	5	189	..	5701	48	198	6182
4 Farmers, fishermen, hunters, loggers and related workers ..	2404	98	13	..	100	1	92	2708
5 Miners, quarrymen and related workers ..	71	..	..	11	..	..	..	82
6 Workers in transport and communication occupations ..	2	..	22	7	9	1700	60	1800
7-8 Craftsmen, production process workers and labourers not classified elsewhere ..	81	2562	6659	709	373	983	7918	19285
9 Service, sports and recreation workers ..	4	..	54	15	46	83	6561	6763
X Workers not classified by occupation ..	..	..	34	4	29	12	197	276
Total ..	2642	2692	7640	1047	7807	3260	23026	48114

Source: Superintendent of Census Operations, Kerala.

TABLE 3.20

Palghat District

Occupation/Industry	Mining, quarrying, livestock, forestry, fishing, hunting, plantation, orchard & allied activities	Household industry	Manufacturing other than household industry	Trade and Commerce	Transport storage & communication	Other services	Construction	Total
1	2	3	4	5	6	7	8	9
0 Professional, technical and related workers ..	3	11	44	95	37	39	3306	3535
1 Administrative, executive and managerial workers ..	1	5	243	65	266	91	1494	2165
2 Clerical and related workers ..	10	2	197	56	579	450	2053	3347
3 Sales workers ..	..	3	43	..	5835	97	120	6098
4 Farmers, fishermen, hunters, loggers and related workers ..	1841	277	554	..	37	5	66	2780
5 Miners, quarrymen and related workers ..	36	..	..	2	..	..	..	38
6 Workers in transport and communication occupations ..	..	..	36	11	29	2129	64	2269
7-8 Craftsmen, production process workers and labourers not classified elsewhere ..	94	3344	6534	940	306	1473	7392	20083
9 Service, sports and recreation workers ..	12	..	49	34	49	177	5197	5518
X Workers not classified by occupation ..	1	..	17	20	25	17	171	251
Total ..	1998	3642	7717	1223	7163	4478	19863	46084

Source: Superintendent of Census Operations, Kerala.

TABLE 3.21

Kozhikode District

Occupation/Industry	Mining, quarrying, livestock, forestry, fishing, hunting, plantation, orchard & allied activities	Household industry	Manufacturing other than household industry	Trade and Commerce	Transport storage & communication	Other services	Construction	Total
1	2	3	4	5	6	7	8	9
0 Professional, technical and related workers ..	6	17	175	218	89	46	6544	7095
1 Administrative, executive and managerial workers ..	5	10	453	161	528	128	2463	3748
2 Clerical and related workers ..	63	..	993	78	1802	871	4104	7911
3 Sales workers ..	69	30	452	..	12461	154	506	13672
4 Farmers, fishermen, hunters, loggers and related workers ..	10361	308	458	..	245	19	139	11530
5 Miners, quarrymen and related workers ..	201	..	..	3	..	..	6	210
6 Workers in transport and communication occupations ..	5	..	75	8	32	6252	148	6520
7-8 Craftsmen, production process workers and labourers not classified elsewhere ..	392	6465	22978	1246	1658	3120	16791	52650
9 Service, sports and recreation workers ..	7	..	306	6	64	185	12297	12865
X Workers not classified by occupation ..	10	2	75	17	124	60	744	1032
Total ..	11119	6832	25965	1737	17003	10835	43742	117233

Source: Superintendent of Census Operations, Kerala.

TABLE 3.22

Cannanore District

Occupation/Industry	Mining, quarrying, live-stock, forestry, fishing, hunting, plantation, orchard & allied activities	Household industry	Manufacturing other than household industry	Trade and Commerce	Transport storage & communication	Other services	Construction	Total
1	2	3	4	5	6	7	8	9
0 Professional, technical and related workers ..	5	16	80	157	87	21	4757	5123
1 Administrative, executive and managerial workers ..	7	7	479	82	268	84	1877	2804
2 Clerical and related workers ..	19	1	520	104	756	253	2031	3684
3 Sales workers ..	17	6	351	..	9980	18	270	10642
4 Farmers, fishermen, hunters, loggers and related workers ..	4838	446	98	..	196	6	124	5708
5 Miners, quarrymen and related workers ..	168	..	2	..	..	..	..	170
6 Workers in transport and communication occupations ..	4	..	28	6	15	2621	66	2740
7-8 Craftsmen, production process workers and labourers not classified elsewhere ..	95	5212	24971	1207	523	1846	10332	44176
9 Service, sports & recreation workers ..	10	..	119	14	39	97	7993	8272
X Workers not classified by occupation ..	8	..	27	8	14	29	254	340
Total ..	5171	5688	26675	1578	11878	4975	27694	83559

Source: Superintendent of Census Operations, Kerala.

TABLE 3.23

Number of vacancies notified and number of applicants on live register of employment exchanges in Kerala 1957-1963

Financial year	No. of Employment Exchanges at the end of the period	Monthly average No. of Employers using the employment Exchange	No. of vacancies notified during the period	Number of Registrations during the period	Number of placements effected during the period	Number of applicants on the Live Register at the end of the period
1	2	3	4	5	6	7
1957-1958	7	170	11,227	24,811	9,229	69,915
1958-1959	9	191	12,161	144,122	9,170	133,661
1959-1960	9	214	13,306	10,050	10,574	128,571
1960-1961	9	202	17,439	103,534	11,679	142,822
1961-1962	9	268	22,738	114,515	16,210	148,881
1962-1963	9	348	25,818	160,725	17,762	211,409

Source: Directorate of Employment and Training, Trivandrum.

TABLE 3.24

Distribution of applicants (Matric and above) on live register of employment exchanges in Kerala by level of Education 1958-1962

As on 31-12	Matriculates	Intermediates	Graduates			Total* (cols. 4+5+6)	Total (cols. 2+3+7)
			Engineering	Medical	Others		
1	2	3	4	5	6	7	8
1958	45,291	2,301	32	5	3,046	3,083	50,675
1959	49,672	1,772	28	40	2,796	2,864	54,308
1960	69,230	1,568	30	23	3,489	3,542	74,340
1961	56,797	1,558	37	38	3,167	3,242	61,597
1962	85,018	3,639	107	39	3,603	3,749	92,406

Source: Directorate of Employment and Training, Trivandrum.

TABLE 3.25

Occupational distribution of applicants on the live register of employment exchanges in Kerala 1961-62 (upto December)

Occupation	Number on the Live Register as on		
	31-3-1961	31-3-1962	31-12-1962
1	2	3	4
Professional, technical & related workers	9,965	10,478	15,319
Administrative, executive, etc.	165	323	283
Clerical workers	10,821	10,816	13,673
Sales workers	62	46	58
Agriculture, livestock, etc.	480	1,684	1,836
Miners, quarrymen, etc.	126	90	133
Transport & communication workers	3,346	3,694	5,368
Craftsmen and production process workers	22,035	20,270	23,466
Service, sports, recreation etc.	8,602	10,102	11,218
Workers without experience	86,220	91,378	1,30,456
Total	141,822	148,881	201,810

Source: Directorate of Employment and Training, Trivandrum.

SECTION 4

Sectoral Employment Statistics

This section consists of 22 tables (4.1 to 4.22) and presents data on sectoral employment. Tables 4.1 and 4.2 give district-wise and sex-wise figures of agricultural labourers and plantation workers in Kerala. The number and employment of registered and reporting factories covered by the Annual Survey of Industries (Census portion) are furnished in Tables 4.3 and 4.4. The average daily earnings of factory workers in the State (1962) is presented in Table 4.5. Data on the number and employment of the registered and working factories are provided in Tables 4.6 and 4.7. Employment Exchange data on the number of employees and pattern of employment in both the Private and Public sectors are shown in Tables 4.8 to 4.14. Table 4.15 gives the indices of employment in selected employment Market Areas in Kerala. Data thrown out by a census of State Government employees are shown in Tables 4.16 to 4.22.

TABLE 4.1

**Number of Agricultural Labourers in Kerala
by Districts and Sex, 1961**

District	Workers as agricultural labourers		
	Male	Female	Total
1	2	3	4
Cannanore	47,275	62,776	110,051
Kozhikode	63,013	50,011	113,024
Palghat	95,035	122,532	217,567
Trichur	34,982	48,049	83,031
Ernakulam	39,932	46,841	86,775
Kottayam	54,692	30,478	85,170
Alleppey	60,866	55,968	116,834
Quilon	60,272	26,422	86,694
Trivandrum	60,847	18,405	79,252
ALL KERALA	516,914	461,482	978,396

Source: Census of India, 1961—Paper No. 1 of 1962.

TABLE 4.2

**District-wise Average Daily Employment
in Plantations in Kerala**

District	Tea (1961)	Coffee (1961-62)	Rubber (1962)
1	2	3	4
Trivandrum	2,264	..	5,094
Quilon	4,375	266	24,391
Alleppey	..	..	2,452
Kottayam	6,0504	1,303	23,881
Ernakulam	254	109	9,795
Trichur	1,249	..	9,633
Palghat	1,732	4,566	4,398
Kozhikode	9,000	16,731	13,198
Cannanore	2,466	2,016	8,666
Total	31,844	24,991	101,508

Source: Bureau of Economics & Statistics, Government of Kerala.

TABLE 4.3

**Number and Employment of Registered and Reporting Factories in Kerala
1960-63.**

Code No.	Industry Group	No. of factories registered				No. of factories reporting				No. of persons employed			
		1960	1961	1962	1963	1960	1961	1962	1963	1960	1961	1962	1963
1	2	3	4	5	6	7	8	9	10	11	12	13	14
203	Canning and preservation of fruits and vegetables	..	..	3	3	..	..	3	3	..	..	242	362
204	Canning and preservation of fish and other seafoods	2	3	..	..	2	3	..	..	324	421	..	..
205	Grain mills	4	7	..	..	4	4	..	..	214	229	..	..
209	Miscellaneous food	190	214	214	219	189	213	213	219	69726	81594	77427	81988
231	Spinning, Weaving and finishing textiles	32	31	33	34	32	30	32	34	11012	11009	11750	11902
232	Knitting mills	5	4	4	4	5	4	4	4	487	357	419	452
239	Textiles not elsewhere classified	47	36	31	29	45	35*	31	29	8402	6525	5618	5301
243	Wearing apparel except footwear	6	4	3	..	6	4*	3	..	328	236	216	..
251	Saw Mills etc.	67	56	53	57	66	56*	51	56	5581	4856	5070	5143
252	Wooden and Cane containers and Cane small ware	5	5	3	..	5	5	3	..	359	344	288	..
260	Manufacture of furniture and fixtures	..	..	..	4	..	..	..	4	..	..	..	798
280	Printing, Publishing etc.	13	14	13	13	12	13	12	13	2138	2253	2405	2618
300	Rubber Products	9	7	8	8	9	6	8	8	1394	1027	1471	1645
311	Basic Industrial Chemicals	5	8	7	8	5	7	7	8	4202	3913	4116	4945
319	Miscellaneous Chemicals	10	6	8	7	10	5	8	7	2298	1884	2407	1910
331	Structural clay Products	92	84	80	83	91	82	80	83	11174	10235	10800	10415
332	Glass and Glass Products	2	1	..	..	2	..	..	..	390	..	..	..
333	Pottery, China and Earthenware	3	4	4	4	3	4	4	4	780	790	766	755
341	Basic metal industries	..	..	..	3	..	..	..	3	..	..	..	616
350	Metal products except machinery and transport equipment	9	7	7	4	7	5	7	4	453	682	461	555
360	Machinery except electrical	9	9	9	8	9	8	9	8	1461	918	1453	1222
370	Electrical machinery etc.	6	6	5	5	6	5	5	5	1359	1334	1350	1328
381	Ship building and repairing	..	..	4	4	..	..	4	4	..	..	895	847
384	Motor Vehicles repair	17	13	13	14	17	12	13	14	1645	1645	2439	2507
385	Motor cycles and cycles	2	1	..	..	2	..	..	..	79	..	..	..
391	Professional and Scientific instruments	2	1	..	..	2	..	..	..	292	..	..	..
399	Manufacturing industries not elsewhere classified	10	13	10	11	10	13	10	11	2317	2142	1982	2184
511	Electric Light and Power	..	..	8	7	..	..	6	6	..	..	377	400
*	Other Industry Groups	20	23	18	18	19	20	18	17	6073	4942	5256	4729
TOTAL		567	554	538	547	558	534	531	544	132488	137336	137203	142622

* Relates to Industry Group 204, 205, 207, 233, 271, 332, 334, 339, 342, 385 and 391 both in 1962 and 1963 and 260 and 341 in 1962 and 243 and 252 in 1963. Industry groups 203, 211, 220, 233, 260, 271, 334, 339, 341, 342, 381 and 382 both in 1960 and 1961 and 207, 383, and 511 in 1960 and 332, 385 and 391 in 1961.

TABLE 4.4

Estimates of Employment in Factories in Kerala covered by the Annual Survey of Industries 1960-63.

Year	Workers	Other than Workers	Total
1	2	3	4
1960	121083	11405	132488
1961	128416	11390	139806
1962	N.A.	N.A.	137208
1963	N.A.	N.A.	142622

Source: Report of the Annual Survey of Industries by the National Sample Survey, Kerala.
N.A. — Not Available

TABLE 4.5

Average Daily Earnings of Factory workers in Kerala 1962

Industry	Earning per worker Rs.
1	2
Rice & Flour Mills	1.79
Oil Mills	2.88
Tea Factories	3.15
Cashew Factories	1.43
Beedi & Cigar	3.29
Cotton Textiles using power	4.36
Knitting	2.16
Coir	3.13
Starch	6.00
Saw Mills	3.92
Paper Mills	5.24
Rubber & Rubber products	3.19
Soap	8.64
Bricks & Tiles	3.18
Glass	3.99
General Engineering	5.52
Electrical Machinery	3.50
Repair of Motor vehicles	4.44
Printing & Binding	3.91
Marine Engines (Building & Repairing)	8.26
Artificial Manures	6.67

Source: Bureau of Economics and Statistics, Government of Kerala.

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TABLE 4.6

Distribution of Working Factories in Kerala according to Employment

Industry	1962		1963	
	No. of factories	Employment	No. of factories	Employment
1	2	3	4	5
1 Canning and preservation of fruits and vegetables	5	354	5	428
2 Canning and preservation of fish and other sea food	11	616	11	677
3 Rice and flour mills	113	1668	110	1555
4 Sugar	1	555	1	599
5 Oil mills	263	2001	266	1958
6 Tea factories	124	6796	125	6198
7 Cashew factories	188	76850	197	78965
8 Starch and other food articles except beverages	33	2792	28	1925
9 Beedi and cigar	82	2307	73	2081
10 Cotton textiles	253	15120	255	15040
11 Knitting	15	547	13	497
12 Coir	203	9799	155	7806
13 Other textiles	2	2052	3	2769
14 Umbrellas	18	647	18	589
15 Saw mills	164	3777	173	3773
16 Plywood	14	1523	14	1623
17 Other timber industries including splints and veneers	171	5909	189	6385
18 Paper mills	2	663	2	633
19 Paper board, straw board and other paper products	3	196	3	258
20 Printing and binding	189	4151	189	4212
21 Rubber products including tyre retreading	109	3010	113	3147
22 Artificial manures	10	2390	9	2268
23 Pharmaceuticals	12	525	17	639
24 Soap	6	1270	7	1290
25 Other chemicals including matches	33	1755	35	1736
26 Bricks and tiles	178	13521	193	13969
27 Glass	2	426	1	306
28 Pottery, china and earthen ware	9	692	10	692
29 Cement	1	383	1	384
30 Cutlery	11	478	13	538
31 Bolts, nuts, nails etc.	2	16	2	18
32 Other metal products including basic metal industries	64	3040	70	2912
33 Agricultural implements	4	190	5	229
34 General and jobbing engineering	44	2016	43	1969
35 Other machinery except electrical machinery	13	263	13	307
36 Electrical machinery	15	607	19	667
37 Marine engines, building and repairing	6	616	6	700
38 Repair of motor vehicles	108	2895	122	3428
39 Manufacture of bicycles	3	62	3	81
40 Other industries not classified above	75	2744	75	2604
Total	2559	175222	2587	175855

Source: Bureau of Economics and Statistics, Government of Kerala.

TABLE 4.7

District-wise Distribution of Working Factories in Kerala as on 31st December 1963

Industry	Trivandrum		Quilon		Alleppey		Kottayam		Ernakulam	
	A	B	A	B	A	B	A	B	A	B
1	2	3	4	5	6	7	8	9	10	11
1 Canning & preservation of fruits and vegetables	..	..	1	87	..	..	..	..	..	..
2 Do. fish and other sea foods	..	..	1	16	1	16	..	..	6	530
3 Rice and flour mills	..	..	..	..	..	..	..	..	3	53
4 Sugar	..	..	..	..	1	599	..	..	..	..
5 Oil mills	20	100	13	162	96	758	17	74	39	267
6 Tea factories	5	244	9	306	..	..	83	4401	1	9
7 Cashew factories	5	2496	167	64373	6	6202	..	..	3	766
8 Starch and other articles except beverages	2	32	5	267	6	162	..	..	2	84
9 Beedi and cigar	..	..	..	..	..	..	..	..	4	98
10 Cotton textiles	9	815	1	999	..	..	..	..	6	1514
11 Knitting	1	5	..	..	..	..	..	..	..	..
12 Coir	1	16	1	20	121	4939	5	142	14	1714
13 Other textiles	..	..	..	..	..	..	..	..	1	907
14 Umbrellas	..	..	..	..	3	44	..	..	1	17
15 Saw mills	1	5	18	464	1	5	10	183	20	238
16 Plywood	..	..	1	106	..	..	5	353	1	23
17 Other timber industries including splints and veneers	6	238	37	877	8	226	12	298	20	706
18 Paper mills	..	..	1	616	..	..	..	..	..	..
19 Paper board, straw board and other paper products	..	..	..	..	1	24	..	..	..	..
20 Printing and binding	30	1021	10	383	15	141	29	630	38	728
21 Rubber and rubber products including tyre retreading	6	233	18	431	3	214	36	1041	13	630
22 Artificial manures	..	..	..	..	1	15	2	73	5	2151
23 Pharmaceuticals	2	34	..	..	1	33	1	15	2	84
24 Soap	..	..	..	..	..	..	..	..	3	1026
25 Other chemicals including matches	1	227	8	179	5	76	1	9	8	944
26 Bricks and tiles	..	..	32	2070	3	61	3	77	17	977
27 Glass	..	..	..	..	..	..	..	..	1	306
28 Pottery, china and earthenware	..	..	3	274	..	..	..	..	..	..
29 Cement	..	..	..	..	..	..	1	384	..	..
30 Cutlery	..	..	..	..	..	..	1	50	..	..
31 Bolts, nuts, nails etc.	..	..	..	..	..	..	..	..	1	15
32 Other metal products including basic metal industries	5	244	19	952	2	30	7	40	18	814
33 Agricultural implements	1	9	..	..	..	..	..	..	..	..
34 General and jobbing engineering	2	345	4	276	1	13	5	283	10	173
35 Other machinery except electrical machinery	2	14	..	..	..	..	1	7	..	..
36 Electrical machinery	2	13	2	319	1	47	1	8	4	60
37 Marine engines building and repairing	..	..	2	63	..	..	..	..	4	637
38 Repair of motor vehicles	15	1091	5	153	1	69	20	605	15	326
39 Manufacture of bicycles	1	52	2	29	..	..	..	..	..	..
40 Other industries not classified above	10	514	10	87	7	78	3	104	23	1231
TOTAL	127	7748	375	73510	28413	752	243	8677	283	17028

A. Number of factories.

B. Employment.

Source: Bureau of Economics & Statistics, Trivandrum.

Contd.

TABLE 4.7

District-wise Distribution of Working Factories in Kerala as on 31st December 1963

Industry	Trichur		Palghat		Kozhikode		Cannanore		State	
	A	B	A	B	A	B	A	B	A	B
	12	13	14	15	16	17	18	19	20	21
1 Canning & Preservation of fruits and vegetables	3	291	..	..	1	50	..	..	5	428
2 Do. fish and other sea foods	1	12	..	..	2	103	..	..	11	677
3 Rice and flour mills	32	641	67	747	4	74	4	40	110	1555
4 Sugar	..	..	..	..	..	..	..	..	1	599
5 Oil mills	55	470	4	21	8	54	9	52	266	1958
6 Tea factories	..	..	4	237	17	835	6	166	125	6198
7 Cashew factories	9	2175	..	..	3	1328	4	1625	197	78965
8 Starch and other articles except beverages	1	19	..	..	9	1016	3	345	28	1925
9 Beedi and cigar	7	296	31	915	7	185	24	587	73	2081
10 Cotton textiles	5	2365	1	20	19	1940	214	7387	255	15040
11 Knitting	1	159	1	9	2	98	8	226	13	497
12 Coir	..	..	..	..	13	975	..	..	155	7806
13 Other textiles	1	1112	..	..	1	750	..	..	3	2769
14 Umbrellas	3	101	..	..	11	427	..	..	18	589
15 Saw mills	23	322	10	131	64	1818	26	607	173	3773
16 Plywood	2	257	1	54	..	..	4	830	14	1623
17 Other timber industries including splints and veneers	29	815	35	1737	26	891	16	597	189	6385
18 Paper mills	..	..	..	..	..	..	1	17	2	633
19 Paper board, straw board and other paper products	..	..	..	..	..	..	2	234	3	258
20 Printing and binding	24	341	7	120	24	719	12	129	189	4212
21 Rubber and rubber products including tyre retreading	15	236	4	80	16	274	2	9	113	3148
22 Artificial manures	..	..	..	..	1	28	..	..	9	2267
23 Pharmaceuticals	6	135	3	115	2	223	..	..	17	639
24 Soap	1	20	..	..	3	244	..	..	7	1290
25 Other chemicals including matches	8	227	1	50	2	13	1	11	35	1736
26 Bricks and tiles	101	5054	10	749	20	4357	7	624	193	13969
27 Glass	..	..	..	..	..	..	..	..	1	306
28 Pottery, china and earthenware	2	115	1	20	3	246	1	37	10	692
29 Cement	..	..	..	..	..	..	..	..	1	384
30 Cutlery	1	3	10	470	1	15	..	..	13	538
31 Bolts, nuts, nails etc.	1	3	..	..	..	..	..	..	2	18
32 Other metal products including basic metal industries	5	193	10	584	1	11	3	43	70	2912
33 Agricultural implements	..	..	4	220	..	..	..	..	5	229
34 General and jobbing engineering	13	528	..	..	6	302	2	49	43	1969
35 Other machinery except electrical machinery	3	80	3	24	2	102	2	80	13	307
36 Electrical machinery	2	30	3	66	2	65	2	59	19	667
37 Marine engines building and repairing	..	..	..	..	..	..	..	..	6	700
38 Repair of motor vehicles	15	349	12	181	29	594	10	160	122	3428
39 Manufacture of bicycles	..	..	..	..	..	..	..	..	3	81
40 Other industries not classified above	5	107	6	318	4	57	7	108	75	2604
TOTAL	374	16456	228	6868	303	17794	370	14022	2587	175855

A. Number of factories

B. Employment

Source: Bureau of Economics & Statistics, Trivandrum.

TABLE 4.8

No. of Employees in the Organised Sector (Public & Private) in Kerala

Quarter ending	Public				Private	TOTAL
	Central	State Govt.	Quasi Govt.	Local Bodies		
	1	2	3	4			5	6	7
31-3-1961	31845	136720	21405	9071	338773	537814
30-6-1961	31819	138886	21549	9505	338308	540067
30-9-1961	*31160	*128336	*20963	*6396	*374608	*561463
31-12-1961	33572	149586	23156	8782	379741	594837
31-3-1962	*127016	*136541	*16314	*8944	*38502	*673835
30-6-1962	34631	148045	22319	10586	387989	603570
30-9-1962	36589	150992	21958	10966	403550	624055
31-12-1962	37093	157341	22556	11261	388982	617233
31-3-1963	38228	156221	21990	11637	391819	619895
30-6-1963	38242	157612	23982	11035	393660	624531
30-9-1963	38932	160300	26818	11115	388624	625789
31-9-1963	40154	161998	26665	9727	405175	643719
31-3-1964	40978	163195	26430	10358	407542	648503
30-6-1964	37938	161252	30580	10520	415975	656265
30-9-1964	37910	161907	34402	10572	443371	688162
31-12-1964	37948	165694	35238	10758	443583	693221
31-3-1965	38890	164363	35600	11482	443810	694145
30-6-1965	39188	160577	43153	11463	452864	707245

*In these figures the estimated employment is not added for lack of complete information.
Source: Directorate of Employment and Training, Trivandrum.

TABLE 4.9

Pattern of Employment in the Organised Public Sector in Kerala

Industrial category	Number as on									
	31-3-1961	30-9-1961	31-3-1962	30-9-1962	31-3-1963	30-9-1963	31-3-1964	30-9-1964	31-3-1965	
1	2	3	4	5	6	7	8	9	10	
Agriculture, Live-stock etc.	4503	6437	4634	10339	7124	8362	7874	11198	10128	
Mining & Quarrying	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	
Manufacturing	9195	8398	10696	10739	10388	11172	12128	12466	13255	
Construction	11812	12432	15175	14734	15716	16045	16176	15798	15303	
Trade & Commerce	29221	4832	76182	5440	4350	4666	5127	5659	6326	
Electricity, water & Gas	7266	7147	8014	7111	8116	8418	8418	8212	8263	
Transport & Communication	29061	30889	30925	31959	34568	34812	36687	36180	37361	
Services	107983	116720	143189	139583	147817	153690	154580	155278	159699	
All Divisions	199041	186855	288815	220505	228079	237165	240986	244791	250335	

Source: Directorate of Employment and Training, Trivandrum.

TABLE 4.10

Pattern of Employment in the Organised Private Sector in Kerala

Industrial category	Number as on						
	31-3-1962	30-9-1962	31-3-1963	30-9-1963	31-3-1964	30-9-1964	
1	2	3	4	5	6	7	
Agriculture, Live-stock etc.	69285	65120	767	75070	97981	97101	
Mining & Quarrying	Nil.	180	Nil.	187	248	202	
Manufacturing	179856	189291	14077	176682	190708	214285	
Construction	8813	2363	10	2748	4282	14306	
Trade & Commerce	42297	51549	365523	51886	12741	13374	
Electricity	331	300	160	180	241	244	
Transport & Communication	8762	8100	1672	8117	8313	8758	
Services	75676	86647	9610	73754	93028	95101	
All Divisions	385020	403550	391819	388624	407542	443371	

Source: Directorate of Employment and Training, Trivandrum.

TABLE 4.11

Employment in the Private Sector—District-wise as on 31-3-1961, 31-3-1964 & 31-3-1965

District	As on		
	31-3-1961	31-3-1964	31-3-1965
1	2	3	4
Trivandrum	29545	30384	32265
Quilon	93194	98835	118195
Alleppey	21350	38316	29697
Kottayam	39523	69560	72771
Ernakulam	38888	31496	37111
Trichur	36000	40635	44172
Palghat	11342	21754	19415
Kozhikode	47073	59015	60880
Cannanore	21858	27547	29304
Total	338773	407542	443810

Source: Directorate of Employment and Training, Trivandrum.

TABLE 4.12

Employment in the Public Sector—District-wise as on 31-3-1961

District	Central Govt.	State Govt.	Quasi Govt.	Local Bodies	Total
1	2	3	4	5	6
Trivandrum	2712	30092	3673	1732	38209
Quilon	1032	15233	4136	1708	22109
Alleppey	161	13635	2400	919	17115
Kottayam	756	11879	2567	709	15911
Ernakulam	6442	13142	4765	732	25081
Trichur	2461	12365	1464	1145	17435
Palghat	16084	14977	627	398	32086
Kozhikode	1979	16391	974	1212	20556
Cannanore	218	9006	779	516	10539
Total	31845	136720	21405	9071	199041

Source: Directorate of Employment and Training, Trivandrum.

TABLE 4.13

Employment in Public Sector—District-wise as on 31-3-1964

District	Central Govt.	State Govt.	Quasi Govt.	Local Bodies	Total
1	2	3	4	5	6
Trivandrum	3913	38882	4569	1899	49263
Quilon	1003	16774	3598	919	22294
Alleppey	202	14017	2478	928	17625
Kottayam	824	14463	2733	787	18805
Ernakulam	7758	18176	8080	1434	35448
Trichur	3447	14186	1945	1069	20647
Palghat	18244	14946	593	1072	34855
Kozhikode	3829	21137	1792	1686	28444
Cannanore	1758	11027	647	589	14021
Total	40978	163608	26435	10383	241402

Source: Directorate of Employment and Training, Trivandrum.

TABLE 4.14

Employment in Public Sector—District-wise as on 31-3-1965

District	Central Govt.	State Govt.	Quasi Govt.	Local Bodies	Total
1	2	3	4	5	6
Trivandrum	3707	37606	5199	2101	48613
Quilon	1100	16648	5024	865	23637
Alleppey	188	14885	2465	925	18433
Kottayam	763	14319	2639	855	18576
Ernakulam	6321	18261	14725	1744	41051
Trichur	2708	13332	2264	1033	19337
Palghat	18176	15893	637	1108	35814
Kozhikode	4083	22185	1930	1743	29941
Cannanore	1844	11222	717	1114	14897
Total	38890	164351	35600	11488	250329

Source: Directorate of Employment and Training, Trivandrum.

TABLE 4.15

Indices of Employment in Selected Employment Market area in Kerala

Base—March 1961=100

Employment Market area	Quarter ended			
	March 1962	March 1963	March 1964	March 1965
1	2	3	4	5
Alleppey	107.7	119.4	119.0	125.2
Ernakulam	111.2	123.3	128.7	148.3
Kozhikode	117.2	131.2	135.9	139.5
Quilon	112.1	128.8	134.3	157.2
Trichur	103.9	101.7	115.7	119.9
Trivandrum	114.0	129.9	129.2	131.2

Source: Quarterly Employment Review, Ministry of Labour and Employment.

TABLE 4.16

Distribution of the total number of employees—Kerala—As on 31-3-1961 by Organisation

Organisation	Number of employees								Total Number of employees
	Gazetted		Non-gazetted				Total		
	Male	Female	Regular		Non-regular		Male	Female	
			Male	Female	Male	Female			
1	2	3	4	5	6	7	8	9	10
1. Government Departments	3524	554	85672	27553	10903	2563	100099	30670	130769
2. Autonomous Bodies	311	4	6181	422	1690	103	8182	529	8711
3. Local Bodies	59	2	6124	699	2835	1211	9018	1912	10930
4. Industrial concerns under Government	8	..	514	14	320	14	842	28	870
TOTAL	3902	560	98491	28688	15748	3891	118141	33139	151280

Source: Bureau of Economics and Statistics, Government of Kerala.

TABLE 4.17

Distribution of Employees under the State Government/Local Authorities by Departments in Kerala

Name of Department	Number of persons employed as on 31-3-1961								Total (Gazetted + Non-Gazetted)	Percentage of total employees
	Males		Females		Total					
	Gazetted	Non-Gazetted	Gazetted	Non-Gazetted	Gazetted	Percentage of total	Non-Gazetted	Percentage of total		
1 Government Secretariat	230	1346	24	195	254	14.15	1541	85.85	1795	1.19
2 Public Service Commission	15	134	3	29	18	9.94	163	90.06	181	0.12
3 Revenue	382	12044	5	1092	387	2.86	13136	97.14	13523	8.94
4 Judiciary	189	3151	65	2303	254	4.45	5454	95.55	5708	3.77
5 Police	185	13547	..	266	185	1.32	13813	98.68	13998	9.25
6 Health Services	653	5861	207	4091	860	7.95	9952	92.05	10812	7.15
7 Public Health Engineering	65	1808	..	104	65	3.29	1912	96.71	1977	1.32
8 Education	776	29010	228	18991	1004	2.05	48001	97.95	49005	32.89
9 Public Works	211	7394	1	321	212	2.67	7715	97.32	7927	5.24
10 Transport	27	5939	..	65	27	0.45	6004	99.55	6031	3.99
11 Registration	43	1519	5	369	48	2.48	1888	97.52	1936	1.28
12 Agriculture	85	1900	..	132	85	4.02	2032	95.98	2117	1.41
13 Animal Husbandry	165	1085	3	135	168	12.10	1220	87.90	1388	0.92
14 Fisheries	19	798	1	127	20	2.12	925	97.88	945	0.62
15 Forest	25	1337	..	46	25	1.78	1383	98.22	1408	0.93
16 Co-operation	44	782	4	77	48	5.29	859	94.71	907	0.56
17 Industries and Commerce	46	966	..	151	46	3.96	1117	96.04	1163	0.77
18 Development	197	2776	4	685	201	5.49	3461	94.51	3662	2.42
19 Labour, Employment and Training	70	1010	3	100	73	6.17	1110	93.83	1183	0.78
20 Harijan Welfare	18	1674	..	488	18	0.83	2162	99.17	2180	1.44
21 Printing and Stationery	7	1177	..	95	7	0.55	1272	99.45	1279	0.85
22 Economics and Statistics	31	467	1	77	32	5.56	544	94.44	576	0.38
23 Scientific Department	6	238	..	71	6	1.90	309	98.10	315	0.21
24 Others	35	612	..	106	35	4.65	718	95.35	753	0.51
TOTAL	3524	96575	554	30116	4078	3.12	126691	96.88	130769	86.44
<i>Autonomous Bodies</i>										
1 University of Kerala	77	411	2	50	79	14.63	461	85.37	540	0.36
2 Electricity Board	216	7258	2	403	218	2.77	7661	97.23	7879	5.21
3 Khadi and Village Industries Board	18	202	..	72	18	6.16	274	93.84	292	0.19
TOTAL	311	7871	4	525	315	3.62	8396	96.33	8711	5.76
<i>Local Bodies</i>										
1 Panchayats	8	4108	1	361	9	0.20	4469	99.80	4478	2.96
2 Corporations and Municipalities	51	4851	1	1549	52	0.81	6400	99.19	6452	4.26
TOTAL	59	8959	2	1910	61	0.56	10869	99.44	10930	7.22
<i>Industrial Concerns under Government</i>										
	8	834	..	28	8	0.92	862	99.08	870	0.58
GRAND TOTAL	3902	114239	560	32579	4462	2.95	146818	97.05	151280	100.00

Source: Bureau of Economics and Statistics, Government of Kerala.

TABLE 4.18

Distribution of Gazetted and Non-Gazetted Employees by Departments in Kerala State as on 31-3-1961

Name of Department	Employees			Total	Number of incumbents belonging to				
	Gazetted	Non-Gazetted			Scheduled Castes	Percentage of total	Scheduled Tribes	Anglo-Indians	
		Regular	Non-regular						
1	2	3	4	5	6	7	8	9	
1 Government Secretariat	254	1413	128	1795	44	2.45	..	1	
2 Public Service Commission	18	159	4	181	8	4.42	..	9	
3 Revenue	387	11792	1344	13523	455	3.36	11	8	
4 Judiciary	254	5198	256	5708	249	4.36	3	8	
5 Police	185	13574	239	13998	371	2.65	29	18	
6 Health Services	860	9010	942	10812	992	9.17	124	18	
7 Public Health Engineering	65	1028	884	1977	39	1.97	2	3	
8 Education	1004	46060	1941	49005	1692	3.45	81	13	
9 Public Works	212	3169	4546	7927	132	1.67	15	3	
10 State Transport	27	5487	517	6031	290	4.81	5	8	
11 Registration	48	1688	200	1936	139	7.18	4	2	
12 Agriculture	85	1815	217	2117	77	3.64	7	2	
13 Animal Husbandry	168	944	276	1388	56	4.03	1	..	
14 Fisheries	20	851	74	945	47	4.97	..	3	
15 Forest	25	1217	166	1408	128	9.09	84	1	
16 Co-operation	48	810	49	907	20	2.20	1	..	
17 Industries and Commerce	46	848	269	1163	54	4.64	..	1	
18 Development	201	3071	390	3662	115	3.14	2	..	
19 Labour, Employment and Training	73	1030	80	1183	61	5.16	1	2	
20 Harijan Welfare	18	1546	616	2180	950	43.58	45	..	
21 Printing and Stationery	7	1150	122	1279	42	3.28	4	4	
22 Economics and Statistics	32	521	23	576	35	6.08	..	2	
23 Scientific Departments	6	248	61	315	24	7.62	..	1	
24 Others	35	596	122	753	22	2.92	..	2	
TOTAL	4078	113225	13466	130769	6042	4.62	419	101	
<i>Autonomous Bodies</i>									
1 University of Kerala	79	434	27	540	19	3.52	..	..
2 State Electricity Board	218	5920	1741	7879	531	6.74	28	7	
3 Khadi and Village Industries Board	18	249	25	292	1	0.34	..	1	
TOTAL	315	6603	1793	8711	551	6.33	28	8	
<i>Local Bodies</i>									
1 Panchayats	9	3808	661	4478	123	2.75	1	..	
2 Corporations and Municipalities	52	3015	3385	6452	1348	20.89	330	3	
TOTAL	61	6823	4046	10930	1471	13.46	381	3	
Industrial Concerns under Government	8	528	334	870	2	0.23	..	..
GRAND TOTAL	4462	127179	19639	151280	8066	5.33	828 (0.55%)	112 (0.07%)	

Source: Bureau of Economics and Statistics, Government of Kerala.

TABLE 4.19

Distribution of Gazetted and Non-Gazetted Employees in Kerala State according to the nature of Post by Departments as on 31-3-1961

Name of Department	Gazetted		Non-Gazetted		Total				Total
	Permanent	Temporary	Permanent	Temporary	Permanent	Percentage	Temporary	Percentage	
1	2	3	4	5	6	7	8	9	10
1 Government Secretariat	152	102	1106	435	1258	70.08	537	29.92	1795
2 Public Service Commission	8	10	75	88	83	45.86	98	54.14	181
3 Revenue	197	190	6857	6279	7054	52.16	6469	47.84	13523
4 Judiciary	174	80	4179	1275	4353	76.26	1355	23.74	5708
5 Police	110	75	10167	3646	10277	97.34	3721	2.66	13998
6 Health Services	506	354	5118	4834	5624	52.02	5188	47.98	10812
7 Public Health Engineering	8	57	325	1587	333	16.84	1644	83.16	1977
8 Education	555	449	30346	17655	30901	63.06	18104	36.94	49005
9 Public Works	49	163	1246	6469	1295	16.34	6632	83.66	7927
10 Transport	20	7	4349	1655	4369	72.44	1662	27.56	6031
11 Registration	42	6	1523	365	1565	80.84	371	19.16	1996
12 Agriculture	37	48	419	1613	456	21.54	1661	78.46	2117
13 Animal Husbandry	56	112	246	974	302	21.76	1086	78.24	1388
14 Fisheries	4	16	313	612	317	33.54	628	66.46	945
15 Forest	13	12	804	579	817	58.03	591	41.97	1408
16 Co-operation	19	29	379	480	398	43.88	509	66.12	907
17 Industries and Commerce	4	42	173	944	177	15.22	986	84.78	1163
18 Development	6	195	87	3374	93	2.54	3569	97.46	3662
19 Labour, Employment and Training	37	36	376	734	413	34.91	770	65.09	1183
20 Harijan Welfare	1	17	92	2070	93	4.27	2087	95.73	2180
21 Printing and Stationery	7	..	765	507	772	60.36	507	39.64	1279
22 Bureau of Economics and Statistics	1	31	26	518	27	4.69	549	95.31	576
23 Scientific Departments	5	1	257	52	262	83.17	53	16.83	315
24 Others	14	21	381	337	395	52.46	358	47.54	753
TOTAL	2025	2053	59609	57082	71634	54.78	59135	45.22	130769
<i>Autonomous Bodies</i>									
1 University of Kerala	31	48	253	208	284	52.60	256	47.40	540
2 Electricity Board	128	90	3678	3983	3806	48.31	4073	51.69	7879
3 Khadi and Village Industries Board	13	5	134	140	147	50.34	145	49.66	292
TOTAL	172	143	4065	4331	4237	48.64	4474	51.36	8711
<i>Local Bodies</i>									
1 Panchayats	1	8	2940	1529	2941	65.68	1537	34.32	4478
2 Corporations and Municipalities	48	4	4772	1628	4820	74.71	1632	25.29	6452
TOTAL	49	12	7712	3157	7761	71.01	3169	28.99	10930
Industrial Concerns under Government	5	3	284	578	289	33.22	581	66.78	870
GRAND TOTAL	2251	2211	81670	65148	83921	55.48	67359	44.52	151280

Source: Bureau of Economics and Statistics, Government of Kerala

TABLE 4.20

Distribution of Gazetted Posts by Pay Scales as on 31-3-1961, Kerala State

Scale of Pay (Rs.)	Number of posts		Total number of posts	Percentage of total Gazetted posts	Number of incumbents belonging to		
	Permanent	Temporary			Scheduled Castes	Scheduled Tribes	Anglo-Indians
1	2	3	4	5	6	7	8
1 1200 and above	10	8	18	0.40	..	..	..
2 1000—1500	19	7	26	0.58	..	..	..
3 1000—1200	12	12	24	0.54	..	..	..
4 800—1000	54	30	84	1.88	..	..	..
5 740—1300	6	1	7	0.16	..	..	..
6 740—1100	2	..	2	0.04	..	..	..
7 700—900	6	14	20	0.45	..	..	..
8 600—1150	1	3	4	0.09	..	..	..
9 600—900	27	34	61	1.37	..	..	..
10 500—800	114	88	202	4.53	..	..	2
11 475—700	143	149	292	6.54	..	..	1
12 400—700	9	7	16	0.36	..	..	1
13 350—700	11	13	24	0.54	..	..	..
14 350—600	92	57	149	3.34	..	..	..
15 300—700	77	26	103	2.31	1	..	..
16 300—500	188	289	477	10.69	2	1	..
17 250—550	51	100	151	3.38	1	..	..
18 250—500	345	246	591	13.25	1	..	..
19 250—400	466	302	768	17.21	7	..	1
20 200—400	472	552	1024	22.95	13	..	1
21 200—350	68	63	131	2.94	1	..	..
22 150—350	70	179	249	5.58	..	..	..
23 Fixed pay	8	31	39	0.87	1	..	..
TOTAL	2251	2211	4462	100.00	27	1	6

Source: Bureau of Economics and Statistics, Government of Kerala.

TABLE 4.21

Classification (according to Pay Range) of Employees in Kerala earning Rs. 1000 & Above per mensem, 1956, 1961, 1962, 1963 and 1964

Name of Departments	1956											
	1000-1500		1500-2000		2000-2500		2500-3000		3000 & above		1000-1500	
	M	F	M	F	M	F	M	F	M	F	M	F
	1	2	3	4	5	6	7	8	9	10	11	12
GOVERNMENT DEPARTMENTS												
1 Secretariat	7	..	1	..	..	..	..	..	..	..	9	..
2 Public Service Commission	3	..	..	..	..	..	..	..	..	..	..	..
3 Revenue	3	..	..	..	..	..	..	..	..	..	4	..
4 Judiciary	1	..	..	..	7	..	1	..	..	..	17	..
5 Police	1	..	2	..	..	..	..	..	..	..	6	..
6 Health Services	1	..	..	..	..	..	..	..	..	..	6	..
7 Public Health Engineering	1	..	..	..	..	..	..	..	..	..	1	..
8 Education	1	..	..	..	..	..	..	..	..	..	5	..
9 Public Works	1	..	..	..	..	..	..	..	..	..	9	..
10 Transport	..	..	1	..	..	..	..	..	..	..	..	..
11 Registration	..	..	..	..	..	..	..	..	..	..	..	..
12 Agriculture	1	..	..	..	..	..	..	..	..	..	2	..
13 Animal Husbandry	..	..	..	..	..	..	..	..	..	..	..	..
14 Fisheries	..	..	..	..	..	..	..	..	..	..	..	..
15 Forest	..	..	..	..	..	..	..	..	..	..	5	..
16 Co-operation	..	..	..	..	..	..	..	..	..	..	..	..
17 Industries & Commerce	..	..	..	..	..	..	..	..	..	..	..	..
18 Development	..	..	..	..	..	..	..	..	..	..	2	..
19 Labour, Employment and Training	..	..	..	..	..	..	..	..	..	..	2	..
20 Harijan Welfare	..	..	..	..	..	..	..	..	..	..	1	..
21 Tourist	..	..	..	..	..	..	..	..	..	..	..	..
22 Census	..	..	..	..	..	..	..	..	..	..	..	..
23 Civil Defence & Home Guards	..	..	..	..	..	..	..	..	..	..	..	..
Sub-Total	20	..	4	..	7	..	1	..	..	..	69	..
AUTONOMOUS BODIES												
1 University of Kerala	1	..	..	..	..	..	..	..	..	..	4	..
2 Electricity Board	1	..	..	..	..	..	..	..	..	..	12	..
3 Khadi & Village Industries Board	..	..	..	..	..	..	..	..	..	..	..	..
4 Industrial Development Corporation	..	..	..	..	..	..	..	..	..	..	1	..
5 Financial Corporation	..	..	..	..	..	..	..	..	..	..	..	..
6 City Improvement Trust	..	..	..	..	..	..	..	..	..	..	..	..
Sub-Total	2	..	..	..	..	..	..	..	..	..	17	..
LOCAL BODIES												
Municipalities & Corporations	..	..	..	..	..	..	..	..	..	..	..	..
Sub-Total	..	..	..	..	..	..	..	..	..	..	..	..
Grand Total	22	..	4	..	7	..	1	..	..	..	86	..

Source for 1956 : The Civil List for Travancore-Cochin.
M: Male. F: Female.

(Contd.)

Name of Departments	1961											
	1500-2000		2000-2500		2500-3000		3000 & above		1000-1500		1500-2000	
	M	F	M	F	M	F	M	F	M	F	M	F
	13	14	15	16	17	18	19	20	21	22	23	24
GOVERNMENT DEPARTMENTS												
1 Secretariat	7	..	..	..	3	..	..	..	16	1	3	..
2 Public Service Commission	..	..	..	..	..	..	..	..	..	..	..	..
3 Revenue	..	..	2	..	..	..	..	..	4	..	..	..
4 Judiciary	..	..	..	..	..	..	9	1	18	..	..	..
5 Police	2	..	..	..	1	..	..	..	4	..	2	..
6 Health Services	1	..	..	..	..	..	..	..	8	..	1	..
7 Public Health Engineering	..	..	..	..	..	..	..	..	2	..	..	..
8 Education	..	..	..	..	..	..	..	..	11	..	..	..
9 Public Works	..	..	..	..	..	..	..	..	8	..	1	..
10 Transport	..	..	..	..	..	..	..	..	..	..	..	..
11 Registration	..	..	..	..	..	..	..	..	..	..	..	..
13 Agriculture	..	..	..	..	..	..	..	..	1	..	..	..
13 Animal Husbandry	..	..	..	..	..	..	..	..	..	..	..	..
14 Fisheries	..	..	..	..	..	..	..	..	..	..	..	..
15 Forest	..	..	..	..	..	..	..	..	5	..	..	..
16 Co-operation	..	..	..	..	..	..	..	..	1	..	..	..
17 Industries & Commerce	..	..	..	..	..	..	..	..	..	..	..	..
18 Development	..	..	..	..	..	..	..	..	..	..	..	..
19 Labour, Employment and Training	1	..	..	..	..	..	..	..	..	..	1	..
20 Harijan Welfare	..	..	..	..	..	..	..	..	..	..	..	..
21 Tourist	..	..	..	..	..	..	..	..	..	..	..	..
22 Census	..	..	..	..	..	..	..	..	..	..	..	..
23 Civil Defence & Home Guards	..	..	..	..	..	..	..	..	..	..	..	..
Sub-Total	11	..	2	..	4	..	9	1	78	1	8	..
AUTONOMOUS BODIES												
1 University of Kerala	..	..	1	..	..	..	..	..	8	..	..	..
2 Electricity Board	1	..	..	..	..	..	..	..	18	..	1	..
3 Khadi & Village Industries Board	..	..	..	..	..	..	..	..	..	..	..	..
4 Industrial Development Corporation	1	..	..	..	..	..	..	..	..	..	1	..
5 Financial Corporation	..	..	..	..	..	..	..	..	..	..	..	..
6 City Improvement Trust	..	..	..	..	..	..	..	..	1	..	..	..
Sub-Total	2	..	1	..	..	..	..	..	27	..	2	..
LOCAL BODIES												
Municipalities & Corporations	..	..	..	..	..	..	..	..	1	..	..	..
Sub-Total	..	..	..	..	..	..	..	..	1	..	..	..
Grand Total	13	..	3	..	4	..	9	1	106	1	10	..

(Contd.)

Name of Departments	1962											
	2000-2500		2500-3000		3000 & above		1000-1500		1500-2000		2000-2500	
	M	F	M	F	M	F	M	F	M	F	M	F
	25	26	27	28	29	30	31	32	33	34	35	36
GOVERNMENT DEPARTMENTS												
1 Secretariat	5	..	2	..	..	..	14	1	3	..	4	..
2 Public Service Commission	2	..	..	..	..	..
3 Revenue	5	..	..	..	..	..
4 Judiciary	9	1	18	1	..	..	..	..
5 Police	5	..	4	..	1	..
5 Health Services	9	1	1	..	..	..
7 Public Health Engineering	2	..	..	..	..	..
8 Education	11	..	..	..	..	..
9 Public Works	10	..	1	..	..	..
10 Transport	1	..	..	..
11 Registration	1	..	..	..	..	..
12 Agriculture
13 Animal Husbandry	1	..	..	..	..	..
14 Fisheries
15 Forest	5	..	..	..	..	..
16 Co-operation	1	..	..	..	..	..
17 Industries & Commerce
18 Development
19 Labour, Employment and Training	2	..	..	..	..	..
20 Harijan Welfare
21 Tourist
22 Census	1	..	..	..
23 Civil Defence & Home Guards	1	..	..	..
Sub-Total	5	..	2	..	9	1	86	3	12	..	5	..
AUTONOMOUS BODIES												
1 University of Kerala	1	..	..	..	..	..	7	..	..	..	..	..
2 Electricity Board	19	..	1	..	..	..
3 Khadi & Village Industries Board
4 Industrial Development Corporation
5 Financial Corporation	1	..
6 City Improvement Trust	1	..	..	..	..	..
Sub-Total	1	..	..	..	..	..	27	..	1	..	1	..
LOCAL BODIES												
Municipalities & Corporations	1	..	..	..	..	..
Sub-Total	1	..	..	..	..	..
Grand Total	6	..	2	..	9	1	114	3	13	..	6	..

(Contd.)

Name of Departments	1963				1964										Total
	2500-3000		3000 & above		1000-1500		1500-2000		2000-2500		2500-3000		3000&above		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	
GOVERNMENT DEPARTMENTS															
1 Secretariat	1	..	..	..	17	1	1	..	4	..	1	..	..	..	101
2 Public Service Commission	1	..	..	..	..	..	..	..	..	..	6
3 Revenue	6	..	1	..	..	..	..	..	..	..	25
4 Judiciary	10	1	20	1	..	..	..	..	..	..	10	1	126
5 Police	11	..	4	..	1	..	..	..	..	..	44
6 Health Services	14	1	1	..	..	..	..	..	..	..	44
7 Public Health Engineering	2	..	..	..	..	..	..	..	..	..	8
8 Education	12	..	..	..	..	..	..	..	..	..	40
9 Public Works	9	..	1	..	..	..	..	..	..	..	40
10 Transport	2
11 Registration	1	..	..	..	..	..	..	..	..	..	2
12 Agriculture	4
13 Animal Husbandry	1	..	..	..	..	..	..	..	..	..	2
14 Fisheries	1	..	..	..	..	..	..	..	..	..	1
15 Forest	5	..	..	..	..	..	..	..	..	..	20
16 Co-operation	1	..	..	..	..	..	..	..	..	..	3
17 Industries & Commerce
18 Development	2
19 Labour, Employment and Training	2	..	..	..	..	..	..	..	..	..	8
20 Harijan Welfare	1
21 Tourist
22 Census	1
23 Civil Defence & Home Guards	1	..	..	..	..	..	..	..	2
Sub-Total	1	..	10	1	103	3	9	..	5	..	1	..	10	1	482
AUTONOMOUS BODIES															
1 University of Kerala	1	..	..	..	9	..	..	..	..	..	1	..	..	..	33
2 Electricity Board	18	..	1	..	..	..	..	..	..	..	72
3 Khadi & Village Industries Board
4 Industrial Development Corporation	3
5 Financial Corporation	1	..	..	..	..	..	2
6 City Improvement Trust	1	..	..	..	..	..	..	..	..	..	3
Sub-Total	1	..	..	..	28	..	1	..	1	..	1	..	..	..	113
LOCAL BODIES															
Municipalities & Corporations	2	..	..	..	..	..	..	..	4
Sub-Total	2	..	..	..	..	..	..	..	4
Grand Total	2	..	10	1	131	3	12	0	6	..	2	..	10	1	599

Source : Bureau of Economics and Statistics, Trivandrum.

TABLE 4.22

Classification (according to Emoluments Range) of Employees in Kerala earning Rs. 1000 & above per mensem, 1956, 1961, 1962, 1963 and 1964

Name of Departments	1956												
	1000-1500		1500-2000		2000-2500		2500-3000		3000 & above		1000-1500		
	M	F	M	F	M	F	M	F	M	F	M	F	
	1	2	3	4	5	6	7	8	9	10	11	12	
GOVERNMENT DEPARTMENTS													
1 Secretariat	7	..	1	..	..	..	..	..	..	..	..	14	..
2 Public Service Commission	3	..	..	..	..	..	..	..	..	..	..	..	..
3 Revenue	4	..	..	..	..	..	..	..	..	..	..	4	..
4 Judiciary	2	..	..	..	7	..	1	..	..	..	..	19	..
5 Police	1	..	2	..	..	..	..	..	..	..	..	7	..
6 Health Services	1	..	..	..	..	..	..	..	..	..	..	13	..
7 Public Health Engineering	1	..	..	..	..	..	..	..	..	..	..	1	..
8 Education	1	..	..	..	..	..	..	..	..	..	..	11	..
9 Public Works	1	..	..	..	..	..	..	..	..	..	..	9	..
10 Transport	..	..	1	..	..	..	..	..	..	..	..	..	..
11 Registration	..	..	..	..	..	..	..	..	..	..	..	1	..
12 Agriculture	1	..	..	..	..	..	..	..	..	..	..	2	..
13 Animal Husbandry	..	..	..	..	..	..	..	..	..	..	..	..	..
14 Fisheries	..	..	..	..	..	..	..	..	..	..	..	..	..
15 Forest	..	..	..	..	..	..	..	..	..	..	..	5	..
16 Co-operation	..	..	..	..	..	..	..	..	..	..	..	1	..
17 Industries & Commerce	..	..	..	..	..	..	..	..	..	..	..	..	..
18 Development	..	..	..	..	..	..	..	..	..	..	..	2	..
19 Labour, Employment & Training	..	..	..	..	..	..	..	..	..	..	..	3	..
20 Harijan Welfare	..	..	..	..	..	..	..	..	..	..	..	1	..
21 Tourist	..	..	..	..	..	..	..	..	..	..	..	1	..
22 Census	..	..	..	..	..	..	..	..	..	..	..	..	..
23 Civil Defence & Home Guards	..	..	..	..	..	..	..	..	..	..	..	..	..
Sub-Total	22	..	4	..	7	..	1	..	..	..	..	94	..
AUTONOMOUS BODIES													
1 University of Kerala	1	..	..	..	..	..	..	..	..	..	..	4	..
2 Electricity Board	1	..	..	..	..	..	..	..	..	..	..	13	..
3 Khadi & Village Industries Board	..	..	..	..	..	..	..	..	..	..	..	..	..
4 Finance Corporation	..	..	..	..	..	..	..	..	..	..	..	..	..
5 Industrial Development Corporation	..	..	..	..	..	..	..	..	..	..	..	1	..
6 City Improvement Trust	..	..	..	..	..	..	..	..	..	..	..	..	..
Sub-Total	2	..	..	..	..	..	..	..	..	..	..	18	..
LOCAL BODIES													
Municipalities & Corporations	..	..	..	..	..	..	..	..	..	..	..	..	..
Sub-Total	..	..	..	..	..	..	..	..	..	..	..	..	..
Grand Total	24	..	4	..	7	..	1	..	..	..	..	112	..

Source for 1956: The Civil List for Travancore-Cochin.
M: Male F: Female

(Contd.)

Name of Departments	1961											
	1500-2000		2000-2500		2500-3000		3000 & above		1000-1500		1500- 2000	
	M	F	M	F	M	F	M	F	M	F	M	F
	13	14	15	16	17	18	19	20	21	22	23	24
GOVERNMENT DEPARTMENTS												
1 Secretariat	7	..	..	..	3	..	..	..	20	1	3	..
2 Public Service Commission	..	..	..	..	..	..	..	..	..	..	..	..
3 Revenue	..	..	2	..	..	..	..	..	4	..	..	..
4 Judiciary	..	..	..	..	..	..	9	1	20	..	..	..
5 Police	2	..	..	..	1	..	..	..	5	..	2	..
6 Health Services	2	..	..	..	..	..	..	..	14	..	1	..
7 Public Health Engineering	..	..	..	..	..	..	..	..	2	..	..	..
8 Education	..	..	..	..	..	..	..	..	15	..	..	..
9 Public Works	..	..	..	..	..	..	..	..	8	..	1	..
10 Transport	..	..	..	..	..	..	..	..	..	..	..	..
11 Registration	..	..	..	..	..	..	..	..	1	..	..	..
12 Agriculture	..	..	..	..	..	..	..	..	2	..	..	..
13 Animal Husbandry	..	..	..	..	..	..	..	..	..	..	..	..
14 Fisheries	..	..	..	..	..	..	..	..	..	..	..	..
15 Forest	..	..	..	..	..	..	..	..	5	..	..	..
16 Co-operation	..	..	..	..	..	..	..	..	2	..	..	..
17 Industries & Commerce	..	..	..	..	..	..	..	..	1	..	..	..
18 Development	..	..	..	..	..	..	..	..	..	..	..	..
19 Labour, Employment & Training	..	..	..	..	..	..	..	..	..	..	1	..
20 Harijan Welfare	..	..	..	..	..	..	..	..	..	..	..	..
21 Tourist	..	..	..	..	..	..	..	..	..	..	..	..
22 Census	..	..	..	..	..	..	..	..	..	..	..	..
23 Civil Defence & Home Guards	..	..	..	..	..	..	..	..	..	..	..	..
Sub-Total	11	..	2	..	4	..	9	1	99	1	8	..
AUTONOMOUS BODIES												
1 University of Kerala	..	..	1	..	..	..	..	..	9	..	..	..
2 Electricity Board	1	..	..	..	..	..	..	..	18	..	1	..
3 Khadi & Village Industries Board	..	..	..	..	..	..	..	..	..	..	..	..
4 Financial Corporation	..	..	..	..	..	..	..	..	..	..	..	..
5 Industrial Development Corporation	1	..	..	..	..	..	..	..	..	..	1	..
6 City Improvement Trust	..	..	..	..	..	..	..	..	1	..	..	..
Sub-Total	2	..	1	..	..	..	..	..	28	..	2	..
LOCAL BODIES												
Municipalities & Corporations	..	..	..	..	..	..	..	..	1	..	..	..
Sub-Total	..	..	..	..	..	..	..	..	1	..	..	..
Grand Total	13	..	3	..	4	..	9	1	128	1	10	..

(Contn.)

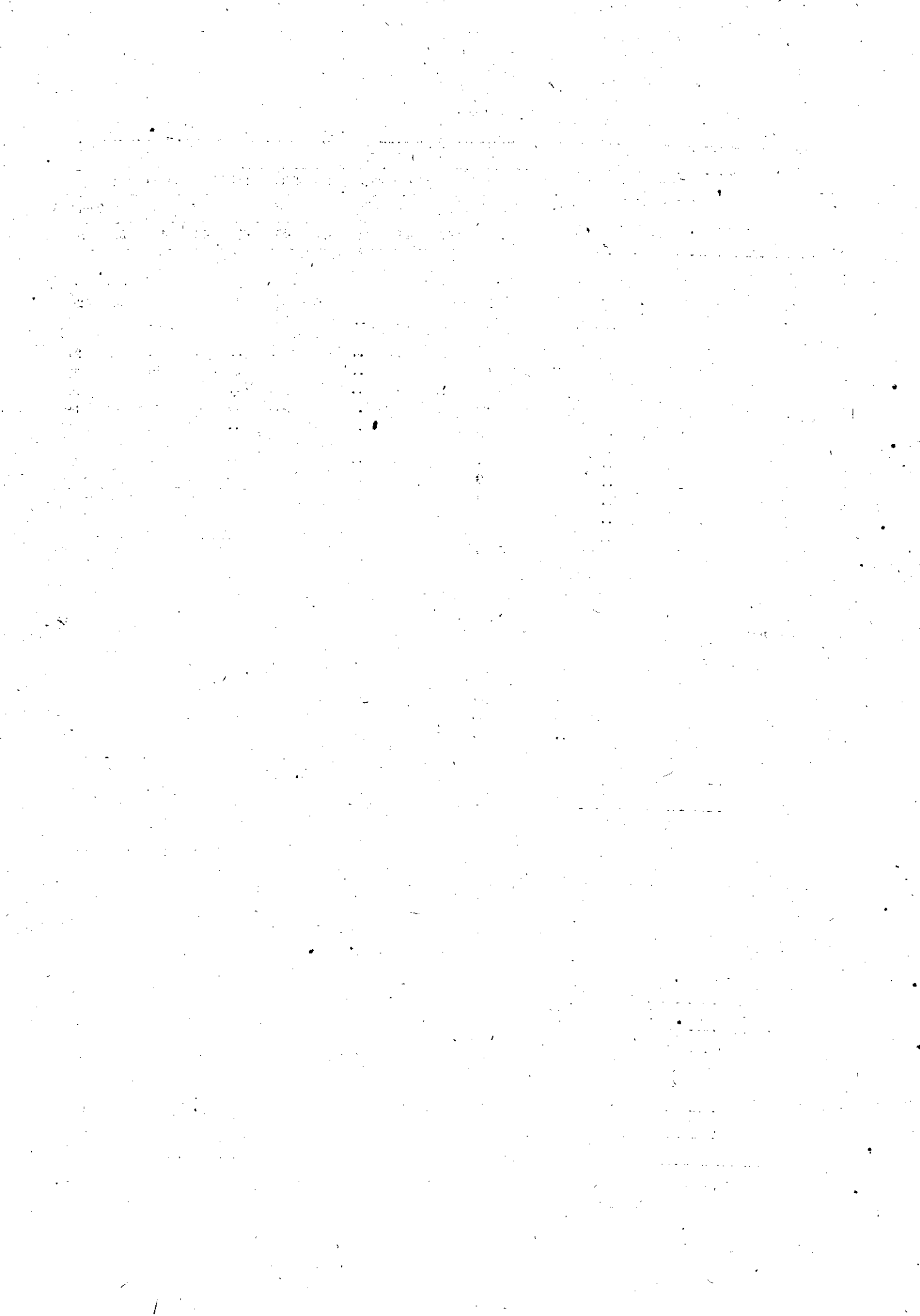
Name of Departments	1962						1963					
	2000-2500		2500-3000		3000 & above		1000-1500		1500-2000		2000-2500	
	M	F	M	F	M	F	M	F	M	F	M	F
	25	26	27	28	29	30	31	32	33	34	35	36
GOVERNMENT DEPARTMENTS												
1 Secretariat	5	..	2	..	..	..	20	1	3	..	4	..
2 Public Service Commission	2	..	..	..	..	..
3 Revenue	5	..	..	..	..	..
4 Judiciary	9	1	20	1	..	..	..	..
5 Police	6	..	4	..	1	..
6 Health Services	23	2	2	..	..	..
7 Public Health Engineering	2	..	..	..	..	..
8 Education	18	..	..	..	..	..
9 Public Works	10	..	1	..	..	..
10 Transport	1	..
11 Registration	1	..	..	..	..	..
12 Agriculture	1	..	..	..	..	..
13 Animal Husbandry	1	..	..	..	..	..
14 Fisheries
15 Forest	5	..	..	..	..	..
16 Co-operation	1	..	..	..	..	..
17 Industries & Commerce
18 Development
19 Labour, Employment & Training	2	..	..	..	..	..
20 Harijan Welfare
21 Tourist
22 Census	1	..	..	..
23 Civil Defence & Home Guards	1	..	..	..
Sub-Total	5	..	2	..	9	1	117	4	12	..	6	..
AUTONOMOUS BODIES												
1 University of Kerala	1	..	..	..	..	..	7	..	..	..	..	..
2 Electricity Board	19	..	1	..	..	..
3 Khadi & Village Industries Board
5 Finance Corporation
4 Industrial Development Corporation	1	..
6 City Improvement Trust	1	..	..	..	..	..
Sub-Total	1	..	..	..	..	..	27	..	1	..	1	..
LOCAL BODIES												
Municipalities & Corporations	1	..	..	..	..	..
Sub-Total	1	..	..	..	..	..
Grand Total	6	..	2	..	9	1	145	4	13	..	7	..

(Contd.)

TABLE 4.22

Name of Departments	1964														
	2500-3000		3000 & above		1000-1500		1500-2000		2000-2500		2500-3000		3000&above		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	
GOVERNMENT DEPARTMENTS															
1 Secretariat	1	..	..	..	29	1	1	..	4	..	1	..	..	..	128
2 Public Service Commission	1	..	..	..	..	..	..	..	..	..	6
3 Revenue	7	..	1	..	..	..	..	..	..	..	27
4 Judiciary	10	1	26	1	..	..	..	..	..	..	10	1	139
5 Police	14	..	4	..	1	..	..	..	..	..	50
6 Health Services	25	2	4	..	..	..	..	..	..	..	89
7 Public Health Engineering	2	..	..	..	..	..	..	..	..	..	8
8 Education	17	..	..	..	..	..	..	..	..	..	62
9 Public Works	9	..	1	..	..	..	..	..	..	..	40
10 Transport	1	..	..	..	..	..	..	..	..	..	3
11 Registration	1	..	..	..	..	..	..	..	..	..	4
12 Agriculture	1	..	..	..	..	..	..	..	..	..	7
13 Animal Husbandry	1	..	..	..	..	..	..	..	..	..	2
14 Fisheries	1	..	..	..	..	..	..	..	..	..	1
15 Forest	5	..	..	..	..	..	..	..	..	..	20
16 Co-operation	1	..	..	..	..	..	..	..	..	..	5
17 Industries & Commerce	1
18 Development	2
19 Labour, Employment & Training	2	..	..	..	..	..	..	..	..	..	8
20 Harijan Welfare	1
21 Tourist	1
22 Census	1
23 Civil Defence & Home Guards	1	..	..	..	..	..	..	..	2
Sub Total	1	..	10	1	143	4	12	..	5	..	1	..	10	1	607
AUTONOMOUS BODIES															
1 University of Kerala	1	..	..	..	9	..	1	..	..	..	1	..	..	..	35
2 Electricity Board	18	..	1	..	..	..	..	..	..	..	73
3 Khadi & Village Industries Board	1	..	..	..	..	..	..	..	..	..	1
5 Finance Corporation	2
4 Industrial Development Corporation	1	..	..	..	..	..	3
6 City Improvement Trust	1	1	..	..	..	..	..	..	..	4
Sub Total	1	..	..	..	28	1	3	..	1	..	1	..	..	..	118
LOCAL BODIES															
Municipalities & Corporations	2	..	..	..	..	..	..	..	..	..	4
Sub Total	2	..	..	..	..	..	..	..	..	..	4
Grand Total	2	..	10	1	173	5	15	..	6	..	2	..	10	1	729

Source: Bureau of Economics & Statistics, Trivandrum.



SECTION—5

Literacy

This section contains 9 tables (5.1 to 5.9) Table 5.1 shows district-wise and sex-wise figures of literates in Kerala. The proportion of male literates to male population and female literates to female population in each district is given in table 5.2. Table 5.3 shows rate of general literacy by sex and district. District-wise and sex-wise figures of literates and educated persons in rural and urban areas are given in table 5.4. Literacy and level of education according to age and sex in urban and rural areas are provided in tables 5.5 and 5.6. Table 5.7 shows the percentage distribution of persons aged 5 and over by literacy and level of education in both rural and urban areas. Percentage distribution of persons with educational standard of matriculation and above is given in table 5.8. Table 5.9 shows percentage distribution of population in Kerala according to age, sex and educational standards.

TABLE 5.1
Number of Literates in Kerala by Sex and Districts—1961

Districts	Population			Literates & Educated Persons		
	Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7
Cannanore	874667	905627	1780294	454489	280549	735038
Kozhikode	1300974	1316215	2617189	665386	397909	1063295
Palghat	851746	924820	1776566	358850	246128	604978
Trichur	784736	855126	1639862	433028	361754	794782
Ernakulam	931248	928665	1859913	538075	402151	940226
Kottayam	882580	850300	1732880	550809	429464	980273
Alleppey	893435	917817	1811252	569953	459977	1029930
Quilon	972657	968571	1941228	562044	418416	980460
Trivandrum	869884	874647	1744531	463631	326607	790238
TOTAL	8361927	8541788	16903715	4596265	3322955	7919220

Source: Census of India 1961—Paper No. 1 of 1962.

TABLE 5.2
Proportion of literates to population—Male & Female—By District in Kerala 1961

Districts	Proportion of male literates to the total male population %	Proportion of female literates to the total females population %	Proportion of literate to the total population %
1	2	3	4
Cannanore	25.53	15.76	41.29
Kozhikode	25.42	15.20	40.62
Palghat	20.20	13.85	34.05
Trichur	26.41	22.06	48.46
Ernakulam	28.93	21.62	50.55
Kottayam	31.79	24.78	56.57
Alleppey	31.47	25.39	56.86
Quilon	28.95	21.55	50.50
Trivandrum	26.57	18.72	45.29
STATE	27.19	19.66	46.85

Source: Superintendent of Census Operations, Kerala.

TABLE 5.3
General Literacy Rates in Kerala by Sex & Districts 1961

Districts	Rate per 1000			Rank
	Male	Female	Total	
1	2	3	4	5
Cannanore	520	310	413	7
Kozhikode	511	302	406	8
Palghat	421	266	341	9
Trichur	552	423	485	5
Ernakulam	578	433	506	3
Kottayam	624	505	566	2
Alleppey	638	501	569	1
Quilon	578	432	505	4
Trivandrum	533	373	453	6
TOTAL	550	389	468	..

Source: Census of India 1961—Paper No. 1 of 1962.

TABLE 5.4
Literates and Educated Persons in Kerala by Sex and Districts
Rural and Urban 1961

Districts	Literates and Educated Persons								
	Male			Female			Total		
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
1	2	3	4	5	6	7	8	9	10
Cannanore	365262	89227	454489	218910	61639	280549	584172	150866	735038
Kozhikode	533781	131605	665386	310568	87341	397909	844349	218946	1063295
Palghat	313892	44958	358850	215179	30949	246128	529071	75907	604978
Trichur	375160	57868	433028	310771	50983	361754	685931	108851	794782
Ernakulam	403467	134608	538075	303997	93154	402151	707464	232762	940226
Kottayam	490933	59876	550809	378981	50483	429464	869914	110359	980273
Alleppey	468801	101152	569953	380056	79921	459977	848857	181073	1029930
Quilon	514173	47871	562044	383272	35144	418416	897445	83015	980460
Trivandrum	325381	138250	463631	223482	103125	326607	548863	241375	790238
STATE	3790850	805415	4596265	2725216	597739	3322955	6516066	1403154	7919220

Source: Superintendent of Census Operations, Kerala.

TABLE 5.5
Age, Sex and Education in Rural Areas in Kerala State, 1961

Age Group		Total Population	Illiterate	Literate (without educational level)	Educational Levels	
					Primary or Junior basic	Matriculation and above
1		2	3	4	5	6
All ages	Persons	14349574	7833508	4587965	1612617	315484
	Male	7079168	3288318	2633755	938380	218715
	Female	7270406	4545190	1954210	674237	96769
0-4	Male	1098096	1098096	..	..	..
	Female	1073695	1073695	..	..	..
5-9	Male	1064379	739976	305429	18974	..
	Female	1032103	739849	273722	18532	..
10-14	Male	959170	215227	456905	286744	294
	Female	944420	296688	410015	237525	192
15-19	Male	575933	122286	213990	203750	35907
	Female	626496	219902	224382	157256	24956
20-24	Male	563351	135538	251728	110499	65586
	Female	639358	284177	232711	85920	36550
25-29	Male	504001	140989	243518	73375	44119
	Female	582680	304482	202911	55990	19297
30-34	Male	436229	119246	231736	60265	24982
	Female	466476	250953	166017	41348	8158
35-44	Male	744104	235419	390473	93177	23035
	Female	741244	461446	225600	49130	5068
45-59	Male	724925	282489	355744	67881	18811
	Female	724492	539587	158254	24409	2242
60+	Male	406951	198131	183439	19501	5880
	Female	437538	373150	60129	3992	267
Age not stated	Male	2029	921	793	214	101
	Female	1904	1261	469	135	39

Source: Superintendent of Census Operations, Kerala

TABLE 5.6

Age, Sex and Education in Urban Areas only

Age group		Total population	Illiterate	Literate without educational level	Primary or Junior basic	Matriculate or higher secondary	Technical diploma not equal to degree	Non-technical diploma not equal to degree	University degree or P. G. Degree Other than technical degree	Technical degree or diploma equal to degree or Post-graduate degree						
										Engineering	Medicine	Agriculture	Veterinary and Dairying	Technology	Teaching	Others
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
All ages	Male	1282759	477344	449828	229004	98482	2882	1157	14699	986	666	202	119	39	1947	5404
	Female	1271382	673643	354527	183228	51047	804	618	3534	6	206	2	1	..	1650	2116
0-4	Male	180638	180638	..	..	..	..	..	..	..	..	..	..	..	..	..
	Female	174731	174731	..	..	..	..	..	..	..	..	..	..	..	..	..
5-9	Male	176925	107971	66265	2689	..	..	..	..	..	..	..	..	..	..	..
	Female	169740	105186	61079	3475	..	..	..	..	..	..	..	..	..	..	..
10-14	Male	167847	26954	74522	66102	268	..	1	..	..	..	..	..	..	..	..
	Female	163625	37260	67502	58583	280	..	..	..	..	..	..	..	..	..	..
15-19	Male	114055	15638	33207	44573	20131	103	54	110	..	..	..	..	..	..	..
	Female	116363	28776	34475	37536	15117	80	33	96	..	..	..	..	..	..	..
20-24	Male	115001	17979	41370	25745	24853	668	128	1998	..	..	..	..	..	..	..
	Female	115869	37705	37690	22053	15386	292	156	1255	162	41	49	37	1	51	1919
25-29	Male	100243	18716	40833	19568	15139	559	174	3022	2	21	2	..	..	183	1124
	Female	104399	41474	35156	16899	8584	120	156	1012	..	72	..	..	..	474	452
30-34	Male	86219	15839	39243	16684	9781	372	171	2498	206	104	32	12	9	423	845
	Female	84810	36204	29583	13091	4651	75	108	501	2	24	..	..	..	399	172
35-44	Male	143289	30871	66778	27373	13395	484	269	2722	167	121	25	5	11	351	717
	Female	134155	69515	41779	17441	4279	113	117	411	2	49	..	..	..	341	108
45-59	Male	133280	37516	59994	19708	10989	501	246	3187	122	200	31	27	1	526	232
	Female	130939	84165	32739	11036	2365	107	40	227	..	34	..	..	..	215	11
60+	Male	65189	25196	27581	6557	3922	195	114	1161	26	78	10	4	3	306	36
	Female	76705	58596	14514	3113	382	17	7	32	..	6	..	..	..	38	..
Age not stated	Male	73	26	35	5	4	..	..	1	..	..	..	..	..	..	..
	Female	46	31	10	1	3	..	1	..	..	..	..	..	..	..	2

Source: Superintendent of Census Operations, Kerala

TABLE 5.7

Percentage Distribution of persons Aged 5 & over by Literacy and Level of Education in Kerala

Level of Education	Rural—Urban 1961					
	Rural			Urban		
	Persons	Male	Female	Persons	Male	Female
1	2	3	4	5	6	7
Illiterate	54.59	46.45	62.52	45.06	37.21	52.99
Literate without any educational standard	31.97	37.20	26.88	31.49	35.07	26.88
Those who passed an examination of the Standard of Primary or Junior Basic but not matriculation and above	11.24	13.26	9.27	16.14	17.85	14.41
Those who passed an examination of the Standard of Matriculation	2.20	3.09	1.33	7.31	9.87	4.72
Total	100.00	100.00	100.00	100.00	100.00	100.00

Source: Superintendent of Census Operations, Kerala.

TABLE 5.8

Percentage Distribution of Persons in Kerala with Educational Standard of Matriculation and above by Highest Examination passed—Urban 1961

Highest Examination passed	Proportion		
	Persons	Male	Female
1	2	3	4
Matriculation or Equivalent	80.15	77.80	85.10
Diploma below degree standard (technical)	1.98	2.28	1.34
Diploma below degree standard (Non-Technical)	0.95	0.91	1.03
University degree or higher (Technical)	7.15	7.40	7.64
University degree or higher (Non-Technical)	9.77	11.61	5.89
Total	100.00	100.00	100.00

Source: Superintendent of Census Operations, Kerala

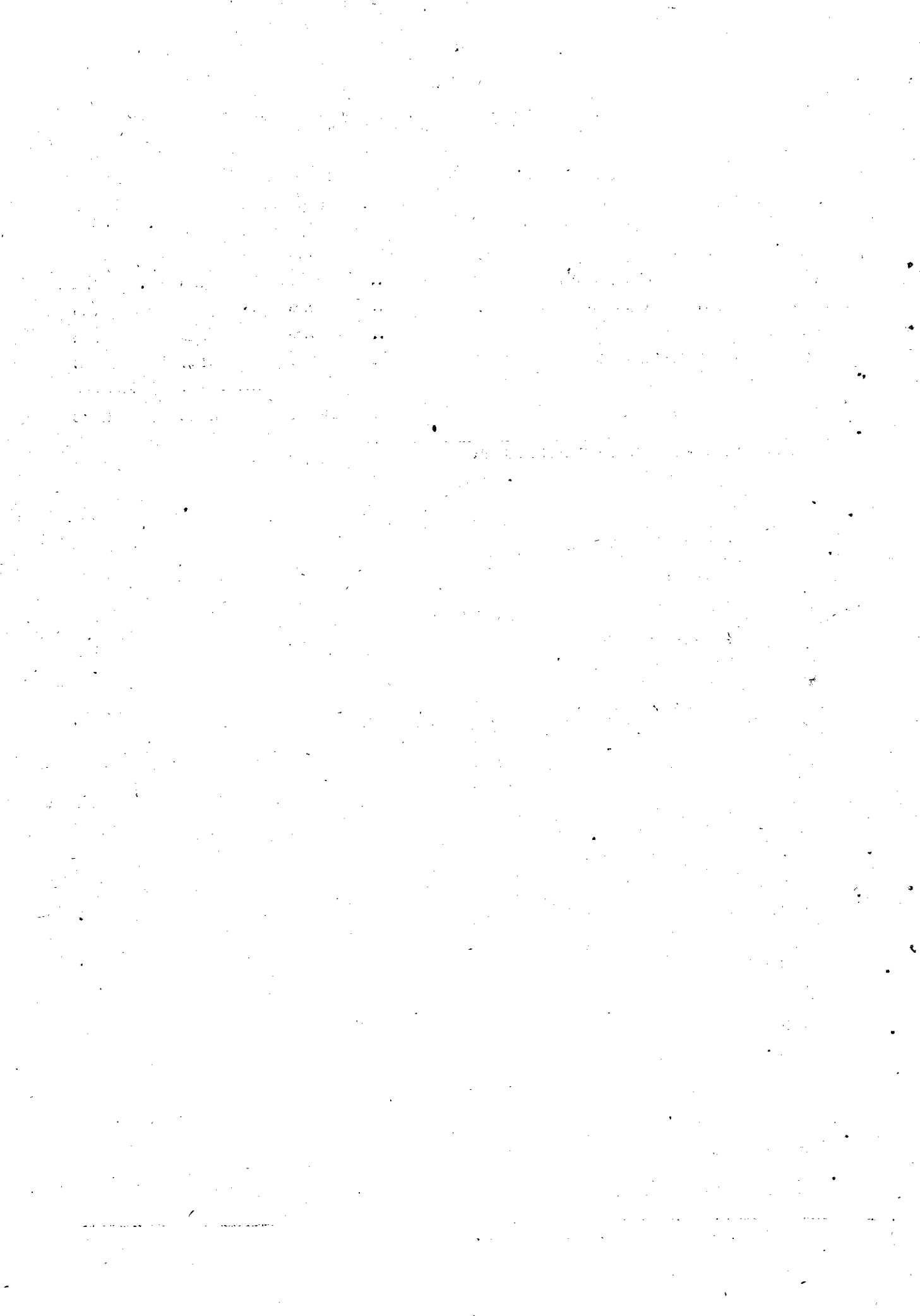
TABLE 5.9

Percentage Distribution of Population in Kerala by Educational Standards, Age and Sex

Rural and Urban 1961

Age Group	Rural				Urban						
	Illiterate	Literate without any educational level	Those having educational level as		Illiterate	Literate without any educational level	Those having educational level as		Total		
			Primary or Junior Basic	Matriculation and above			Primary or Junior Basic	Matriculation and above			
1	2	3	4	5	6	7	8	9	10	11	12
5-9	Male	69.52	28.70	1.78	..	100.00	61.03	37.45	1.52	..	100.00
	Female	71.68	26.52	1.80	..	100.00	61.97	35.98	2.05	..	100.00
10-14	Male	22.44	47.64	29.89	0.03	100.00	16.06	44.40	39.38	0.16	100.00
	Female	31.41	43.42	25.15	0.02	100.00	22.77	41.25	35.80	0.18	100.00
15-19	Male	21.23	37.16	35.38	6.23	100.00	13.71	29.11	39.08	18.10	100.00
	Female	35.10	35.82	25.10	3.98	100.00	24.73	29.63	32.26	13.32	100.00
20-24	Male	24.06	44.68	19.61	11.65	100.00	15.63	35.97	22.39	26.01	100.00
	Female	44.45	36.40	13.44	5.71	100.00	32.54	32.53	19.03	15.90	100.00
25-29	Male	27.97	48.32	14.96	8.75	100.00	18.67	40.73	19.52	21.08	100.00
	Female	52.26	34.82	9.61	3.31	100.00	39.73	33.67	16.19	10.41	100.00
30-34	Male	27.34	53.12	13.81	5.73	100.00	18.37	45.52	19.35	16.76	100.00
	Female	53.80	35.59	8.86	1.75	100.00	42.69	34.88	15.44	6.99	100.00
35-44	Male	31.64	52.48	12.79	3.09	100.00	21.54	46.60	19.10	12.76	100.00
	Female	62.25	30.44	6.63	0.68	100.00	51.82	31.14	13.00	4.04	100.00
45-59	Male	38.97	49.07	9.36	2.60	100.00	28.15	45.01	14.79	12.05	100.00
	Female	74.48	21.84	3.37	0.31	100.00	64.28	25.00	8.43	2.29	100.00
60+	Male	48.69	45.08	4.79	1.44	100.00	38.65	42.31	10.06	8.98	100.00
	Female	85.28	13.74	0.91	0.07	100.00	76.39	18.92	4.06	0.63	100.00

Source: Superintendent of Census Operations, Kerala.



SECTION—6

Primary and Secondary Education

There are 18 tables (6.1 to 6.18) in this section. Table 6.1 provides information on pre-primary education in Kerala during the period between 1957-58 and 1963-64. Table 6.2 shows the number of primary, middle and secondary schools in the State. Enrolment in these schools is provided in table 6.3. Tables 6.4 to 6.9 relate to enrolment in various classes by sex and by districts. Tables 6.10 to 6.12 present data on wastages in primary, middle and secondary schools. Tables 6.13 to 6.15 show students per thousand of population by districts. The out-turn of matriculates during the period 1957-58 to 1963-64 is given in table 6.16. District-wise data on adult literacy centres is furnished in tables 6.17 and 6.18.

TABLE 6.1

Pre-primary Education in Kerala, 1957-58 to 1963-64

Years	No. of Pre-Primary Schools			No. of Pupils				Total
	Govt.	Private	Total	Government		Private		
				Boys	Girls	Boys	Girls	
1	2	3	4	5	6	7	8	9
1957-58	3	13	16	81	70	550	594	1295
1958-59	2	15	17	131	119	650	505	1405
1959-60	2	23	25	123	130	528	397	1178
1960-61	2	52	54	132	143	1475	1273	3023
1961-62	14	92	106	705	716	2007	2160	5588
1962-63	22	103	125	605	632	3233	3206	7676
1963-64	22	116	138	707	691	3213	3008	7619

Source: Administration Report of the Education Department.

TABLE 6.2

Number of Primary, Middle and Higher Secondary Schools in Kerala 1957-58 to 1963-64

Type of Schools	1957-58			1958-59			1959-60			1960-61		
	Govt.	Pvt.	Total	Govt.	Pvt.	Total	Govt.	Pvt.	Total	Govt.	Pvt.	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
I Primary Schools of which Junior Basic Schools	2903	4638	7541	2794	3984	6778	2787	3974	6761	2719	3987	6706
	188	253	441	214	232	446	214	230	444	201	216	417
II Middle Schools of which Senior Basic Schools	502	1348	1850	508	1363	1871	523	1374	1897	530	1402	1932
High and higher secondary schools of which higher secondary schools	31	64	95	29	74	103	28	74	102	23	60	83
	250	685	935	275	691	966	276	691	967	275	699	974

III Training schools	32	68	100	33	62	95	31	59	90	31	58	89
Multipurpose	7	43	50	8	33	41	6	2	8	2	2	4
Others	6	313	319	6	111	117	5	8	13	5	3	8

Type of Schools	1961-62			1962-63			1963-64		
	Govt.	Pvt.	Total	Govt.	Pvt.	Total	Govt.	Pvt.	Total
	14	15	16	17	18	19	20	21	22
I Primary Schools of which Junior Basic Schools	2835	3910	6745	2985	3919	6904	2928	3991	6919
	201	216	417	201	215	416	186	197	383
I Middle Schools of which Senior Basic Schools	576	1409	1985	711	1574	2285	705	1581	2286
High and higher secondary Schools of which higher secondary schools	23	60	83	23	60	83	21	61	82
	309	709	1018	346	764	1110	349	776	1125
	..	3	3	..	3	3	..	3	3
III Training schools	33	56	89	34	61	95	34	74	108
Multipurpose	2	1	3	3	1	4	3	1	4
Others	4	3	7	4	2	6	5	2	7

Note: 1. Training: Basic, Post-basic, Pre-basic, and Nursery training.

2. Multipurpose: Commercial, Technical, Music, Dancing, Fine arts, etc.

3. Others: Adults, reformatory, schools for handicapped, etc.

Govt.—Government. Pvt.—Private.

Multipurpose and others not included.

Source: Administration report of Education Department.

TABLE 6.3

Enrolment in Primary, Middle and Secondary classes in Kerala 1957-58 to 1963-64

Stage & Age Group		1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64
1	2	3	4	5	6	7	8	9
Primary—6-11 Enrolment in class I-V ('000)	Boys	1158.0	1227.7	1064.6	1096.3	1117.2	1158.2	1198.8
	Girls	982.9	1058.9	935.2	960.3	992.0	1025.9	1072.4
	Total	2140.9	2286.6	1999.8	2056.6	2109.2	2184.1	2271.2
Percentage of students in the age group of 6-11	Boys	78.86	82.15	89.40	91.18	88.25	N.A.	..
	Girls	78.06	86.24	90.45	93.85	89.55	"	—
	Total	78.44	83.99	89.82	92.42	88.86	"	..
Middle—11-14 Enrolment in classes V-VIII ('000)	Boys	262.6	309.7	446.7	491.5	519.8	528.6	556.7
	Girls	191.1	220.6	338.1	391.3	412.3	418.7	435.6
	Total	453.7	530.3	784.8	882.8	932.1	947.3	992.3
Percentage of students in the age groups of 11-14	Boys	57.38	64.78	60.33	61.18	63.38	N.A.	N.A.
	Girls	52.90	65.86	60.92	58.20	52.76	"	"
	Total	55.27	65.83	60.58	59.26	58.74	"	"
Secondary—14-17 Enrolment in classes IX-XI ('000)	Boys	137.7	135.7	219.0	190.1	239.0	281.3	318.0
	Girls	81.2	83.9	128.8	140.7	177.3	209.2	236.8
	Total	218.9	219.6	347.8	330.8	416.3	490.5	554.8
Percentage of students in the age group of 11-17	Boys	58.02	61.09	57.43	58.41	58.17	N.A.	A.N.
	Girls	59.71	62.72	61.12	58.89	58.87	"	"
	Total	58.65	61.71	58.49	58.61	59.58	"	"

Source: Annual Administration Report, Education Department.

TABLE 6.4

Enrolment in Classes I-V by sex in Kerala 1957-58 to 1963-64

Years	Enrolment in Classes					Total	Percentage of annual increase
	I	II	III	IV	V		
1	2	3	4	5	6	7	8
Boys							
1957-58	314929	255496	226192	198953	165526	1161096	..
1958-59	327599	273000	231872	211730	183505	1227706	6.01
1959-60	305548	286906	248664	223501	..	1064619	13.28
1960-61	313920	289139	256819	236447	..	1096325	2.98
1961-62	337195	285624	254449	239945	..	1117213	1.91
1962-63	343678	300177	266989	247368	..	1158212	3.67
1963-64	355084	310822	281270	251651	..	1198827	3.51
Girls							
1957-58	275971	220639	193539	162844	129854	982847	..
1958-59	287924	243559	200064	179819	147558	1058924	7.74
1959-60	276041	252944	213543	192689	..	935217	11.68
1960-61	281356	250065	222225	206634	..	960280	2.68
1961-62	308770	255200	222385	205631	..	991986	3.30
1962-63	313640	267922	233744	210619	..	1025925	3.42
1963-64	319647	281811	248387	222554	..	1072399	4.53
Total							
1957-58	590900	476135	419731	361797	292380	2140943	..
1958-59	615523	516559	431936	391549	331063	2286630	6.8
1959-60	581589	539850	462207	416190	..	1999836	12.54
1960-61	595276	539204	479044	443081	..	2056605	2.84
1961-62	645965	540824	476884	445576	..	2109249	2.56
1962-63	657318	568099	500733	457987	..	2184137	3.55
1963-64	674731	592633	529657	474205	..	2271226	3.99

Decrease—Due to limitation of L. P. up to class IV during 1958-59.

Source: Annual administration Report of the Education Department.

Note: Age fixed as 5½ years for the admission to 1st class. So the enrolment decreased in the year 1958-59.

TABLE—6.5

Enrolment in classes V to VIII by sex in Kerala 1957-58 to 1963-64

Years	Enrolment in classes					% of annual increase
	V	VI	VII	VIII	Total	
1	2	3	4	5	6	7
Boys						
1957-58	..	111628	85194	65874	262696	..
1958-59	..	120769	102562	86439	309770	17.92
1959-60	200386	134363	111951	..	446700	44.20
1960-61	208139	151588	131774	..	491501	10.03
1961-62	192403	169060	158400	..	519863	5.77
1962-63	206063	173375	149156	..	528594	1.68
1963-64	216611	183270	156835	..	556716	5.32
Girls						
1957-58	..	80079	63118	47879	191076	..
1958-59	..	91061	71519	58039	220619	15.46
1959-60	160649	101126	76385	..	338160	53.28*
1960-61	167021	120145	104136	..	391302	15.72
1961-62	158145	131025	123106	..	412276	5.36
1962-63	167002	135707	116063	..	418772	1.58
1963-64	172822	144017	118836	..	435675	4.04
Total						
1957-58	..	191707	148312	113753	453772	..
1958-59	..	211830	174081	144478	530389	16.88
1959-60	361035	235489	188336	..	784860	47.98
1960-61	375160	271733	235910	..	882803	12.48
1961-62	350548	300085	281506	..	932139	5.59
1962-63	373065	309082	265219	..	947366	1.63
1963-64	389433	327287	275671	..	992391	4.75

* abnormal increase due to exclusion of class VIII from middle and inclusion of class V into middle from the year 1959-60 onwards.

Source: Administration Report of Education Department.

TABLE—6.6

Enrolment in classes VIII to XI by sex in Kerala 1957-58 to 1963-64

Year	Enrolment in classes					Percentage of annual increase
	VIII	IX	X	XI	Total	
1	2	3	4	5	6	7
Boys						
1957-58	..	53871	40877	43022	137770	..
1958-59	..	59726	47342	28656	135724	1.49
1959-60	83862	67322	51105	16684	218973	61.34*
1960-61	82707	62152	45325	..	190184	13.15
1961-62	128016	67107	43942	..	239065	25.70
1962-63	134040	99714	47619	..	281373	17.70
1963-64	143553	108894	65579	..	318026	13.03
Girls						
1957-58	..	32807	23956	24455	81218	..
1958-59	..	39430	28350	16103	83883	3.18
1959-60	58067	35753	25514	9519	128853	53.61*
1960-61	70848	41207	28654	..	140709	9.20
1961-62	99324	47465	30510	..	177299	26.00
1962-63	105118	70735	33338	..	209191	17.99
1963-64	106123	82985	47685	..	236793	13.19
Total						
1957-58	..	86678	64833	67477	218988	..
1958-59	..	99156	75692	44759	219607	0.28
1959-60	141929	103075	76619	26203	347826	58.39*
1960-61	153555	103359	73979	..	330893	4.87
1961-62	227340	114572	74452	..	416364	25.83
1962-63	239158	170449	80957	..	490564	17.82
1963-64	249676	191879	113264	..	554819	13.10

* Abnormal increase due to inclusion of class VIII into secondary section from 1959-60 onwards.

Source: Administration Report of Education Department.

TABLE 6.7

Enrolment in Classes I-V by sex and District in Kerala 1961-62 to 1963-64

Districts	1961-62			1962-63			1963-64		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10
Trivandrum	121416	111014	232430	121137	111356	232493	128627	122115	250742
Quilon	134313	126091	260404	138667	132970	271637	141862	131152	273014
Alleppey	124796	116543	241339	128296	118211	246507	124924	117357	242281
Kottayam	110789	105166	215955	115670	106215	221885	117602	109125	226727
Ernakulam	127828	113802	241630	134461	120995	255456	143326	132103	275429
Trichur	109513	98657	208170	112591	99762	212353	124723	117968	242691
Palghat	101073	82623	183696	105282	83958	189240	111447	92661	204108
Kozhikode	170141	140431	310572	179458	150061	329519	182146	146064	328210
Cannanore	117394	97659	215053	122650	102397	225047	124170	103854	228024
STATE	1117263	991986	2109249	1158212	1025925	2184137	1198827	1072399	2271226

Source: Administration Report of Education Department.

Note: District-wise break-up of enrolment for the years 1957-58 to 1960-61 is not available.

TABLE 6.8

Enrolment in Classes VII-VIII by Sex and District in Kerala 1961-62 to 1963-64

Districts	1961-62			1962-63			1963-64		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10
Trivandrum	56554	47187	103741	61195	51398	112593	62237	51852	114089
Quilon	72313	60365	132678	75037	62378	137415	75487	62892	138379
Alleppey	68855	58590	127445	67122	56645	123767	71962	59311	131273
Kottayam	50701	48273	98974	55892	50323	106215	62559	54122	116681
Ernakulam	56720	47458	104178	66377	57614	123991	77580	65256	142836
Trichur	65419	54437	119856	49833	43753	93586	54337	45936	100273
Palghat	38256	25321	63577	39776	25174	64950	30653	19958	50611
Kozhikode	62989	37628	100617	62697	36788	99485	69785	40838	110593
Cannanore	48056	33017	81073	49465	34699	84164	51976	35510	87486
STATE	519863	412276	932139	527394	418772	946166	556546	435675	992221

Source: Administration Report of Education Department.

Note: District-wise break-up of enrolment for the years 1957-58 to 1960-61 is not available.

TABLE 6.9

Enrolment in Classes IX-XI by Sex and District 1961-62 to 1963-64

Districts	1961-62			1962-63			1963-64		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10
Trivandrum	28338	21778	50116	38284	27863	66147	318026	236793	554819
Quilon	36338	28488	64826	38554	26895	65449	39506	30197	69703
Alleppey	38411	29439	67850	44601	39435	84036	48549	35907	84456
Kottayam	27707	23560	51267	31862	26654	58516	50772	41018	91790
Ernakulam	25763	21804	47567	32857	28869	61726	34202	30341	64543
Trichur	24098	20351	44449	27391	23523	50914	35174	28774	63948
Palghat	17642	10757	28399	17010	9912	26922	32625	26827	59452
Kozhikode	21944	11115	33059	29588	13829	43417	21428	13085	34513
Cannanore	18824	9807	28631	21226	12210	33436	31291	17297	48588
STATE	239065	177099	416164	281373	209190	490563	611573	460239	1071812

Source: Administration Report of Education Department.

Note: District-wise break-up of enrolment for the years 1957-58 to 1960-61 is not available.

TABLE—6.10

**Wastage in Primary Education in Kerala (Classes I-IV)
1957-58 to 1963-64**

Years	Percentage enrolment in classes II, III & IV to the enrolment in class I in the corresponding cohort year			
	I	II	III	IV
1	2	3	4	5
<i>Boys</i>				
1957-58	100	..	..	..
1958-59	100	87	..	..
1959-60	100	88	79	..
1960-61	100	95	48	75
1961-62	100	91	83	73
1962-63	100	89	85	81
1963-64	100	90	83	80
<i>Girls</i>				
1957-58	100	..	..	..
1958-59	100	88	..	..
1959-60	100	88	77	..
1960-61	100	91	77	75
1961-62	100	91	81	71
1962-63	100	87	83	76
1963-64	100	90	81	79
<i>Total</i>				
1957-58	100	..	..	..
1958-59	100	87	..	..
1959-60	100	88	78	..
1960-61	100	93	78	75
1961-62	100	91	82	72
1962-63	100	88	84	79
1963-64	100	90	72	80

Source: Administration Report of the Education Department.

TABLE—6.11

**Wastage in Middle Education in Kerala (Classes V to VII)
1957-58 to 1963-64**

Year	Percentage enrolment in classes V to VII to the enrolment in class IV in the corresponding cohort year			
	IV	V	VI	VII
1	2	3	4	5
<i>Boys</i>				
1957-58	100	..	..	..
1958-59	100	92	..	..
1959-60	100	95	68	..
1960-61	100	93	72	66
1961-62	100	81	76	75
1962-63	100	86	73	67
1963-64	100	88	76	66
<i>Girls</i>				
1957-58	100	..	..	..
1958-59	100	91	..	..
1959-60	100	89	62	..
1960-61	100	87	67	64
1961-62	100	77	68	69
1962-63	100	81	66	60
1963-64	100	82	70	58
<i>Total</i>				
1957-58	100	..	..	..
1958-59	100	92	..	..
1959-60	100	92	65	..
1960-61	100	90	69	65
1961-62	100	79	72	72
1962-63	100	84	70	64
1963-64	100	85	73	62

Source: Administration Report of Education Department.

TABLE—6.12

**Wastage in Secondary Education in Kerala
(Classes VIII to X)
1957-58 to 1963-64**

Year	Percentage enrolment in classes VIII to X to the enrolment in class VII in the Corresponding cohort year			
	VII	VIII	IX	X
1	2	3	4	5
<i>Boys</i>				
1957-58	100	..	..	..
1958-59	100	*	..	..
1959-60	100	82	79	..
1960-61	100	74	61	53
1961-62	100	97	60	43
1962-63	100	85	76	43
1963-64	100	96	69	50
<i>Girls</i>				
1957-58	100	..	..	..
1958-59	100	92	..	..
1959-60	100	81	57	..
1960-61	100	93	58	45
1961-62	100	95	62	43
1962-63	100	85	68	44
1963-64	100	92	67	46
<i>Total</i>				
1957-58	100	..	..	..
1958-59	100	97	..	..
1959-60	100	82	69	..
1960-61	100	82	59	50
1961-62	100	96	61	43
1962-63	100	85	72	43
1963-64	100	94	68	48

* No wastage in class XIII during 1958-59.

Source: Administration Report of Education Department.

TABLE—6.13

**Students per thousand of Population in Primary
Classes by District 1961-62 to 1963-64**

Districts	Pupils per 1000 of population		
	1961-62	1962-63	1963-64
1	2	3	4
Trivandrum	130	126	132
Quilon	131	133	130
Alleppey	131	131	127
Kottayam	121	121	121
Ernakulam	127	132	140
Trichur	125	126	141
Palghat	102	104	110
Kozhikode	116	120	117
Cannanore	118	120	119
STATE	110	124	126

Source: Administration Report of Education Department.

Note:—District-wise break-up of enrolment during the years 1957-58 to 1960-61 is not available.

TABLE—6.14

Students per thousand of Population in Middle Classes by Districts 1961-62 to 1963-64

Districts	Pupils per 1000 of Population		
	1961-62	1962-63	1963-64
1	2	3	4
Trivandrum	58	61	60
Quilon	67	67	66
Alleppey	69	66	69
Kottayam	56	58	62
Ernakulam	55	64	72
Trichur	72	85	58
Palghat	35	36	27
Kozhikode	38	36	39
Cannanore	44	45	45
STATE	54	54	85

Source: Administration Report of Education Department.
 Note:—District-wise break-up of enrolment during the years 1957-58 to 1960-61 is not available.

TABLE—6.15

Students per thousand of Population in Secondary Classes by Districts 1961-62 to 1963-64

Districts	Pupils per 1000 of population		
	1961-62	1962-63	1963-64
1	2	3	4
Trivandrum	28	36	29
Quilon	33	32	33
Alleppey	37	45	44
Kottayam	29	32	33
Ernakulam	25	32	33
Trichur	27	30	37
Palghat	16	15	32
Kozhikode	12	16	12
Cannanore	16	18	25
STATE	24	28	59

Source: Administration Report of Education Department.
 Note:—District-wise break-up of enrolment during the years 1957-58 to 1960-61 is not available.

TABLE 6.16

Out-turn of Matriculates in Kerala 1957-58 to 1963-64

Years	No. of students appeared			No. of students passed			Pass per cent		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10
1957 September	15716	9130	24846	6000	3800	9800	38.2	41.6	39.4
1958 March	42391	27920	70311	19182	10796	29978	45.3	38.7	42.6
1958 September	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.]
1959 March	39323	25007	64330	16390	7676	24066	41.7	30.7	37.4
1959 September	21993	10898	32891	7398	4360	11758	33.6	40.0	35.7
1960 March	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1960 September	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1961 March	N.A.	N.A.	86623	N.A.	N.A.	30703	N.A.	N.A.	35.4
1961 September	24442	15147	39589	10209	6353	16562	41.8	41.9	41.8
1962 March	57915	38266	96181	22083	13842	35925	38.1	36.2	37.4
1962 September	34610	17731	52341	15630	6290	21920	45.16	35.6	41.9
1963 March	61115	36910	98025	31414	17252	48666	51.4	46.7	49.6
1963 September	27217	20493	47710	11094	8049	19143	40.8	39.3	40.1
1964 March	76857	48368	125225	38830	21054	59884	50.5	43.5	47.8

Source: Administration Report of Education Department.

TABLE 6.17

District-wise Statistics on Social Education as on 31-3-1964

Districts	No. of adult literacy centres started till 31-3-1964	No. of adults made literate till 31-3-1964	Remarks
1	2	3	4
Trivandrum	53	4174	Adult literacy centres started in the N.E.S./C. D. Blocks alone is taken into account. The cumulative total till 31-3-1964 and the total number of adults made literate are given in the table
Quilon	79	3036	
Alleppey	44	1581	
Kottayam	17	2532	
Ernakulam	68	2047	
Trichur	70	1921	
Palghat	99	2503	
Kozhikode	164	3579	
Cannanore	29	742	
STATE	623	22115	

Source: Progress Report from N. E. S./C. D. Blocks, Agriculture and Rural Development Department, Government of Kerala.

TABLE 6.18

Statistics on Social Education in Kerala 1961-62 to 1963-64

Year	Number of adult literacy centres started	Number of adults made literate		
		Men	Women	Total
1	2	3	4	5
1961-62	103	3037	263	3300
1962-63	56	1697	643	2340
1963-64	60	809	575	1384

Source: Progress Reports from N. E. S./C. D. Blocks, Agriculture & Rural Development Department, Government of Kerala.

SECTION—7

Teachers and Teachers' Training

This section contains 12 tables (7.1 to 7.12). Table 7.1 gives the number of teachers in pre-primary schools over the period 1956-57 to 1962-63. Data relating to primary school teachers by sex and educational standard are given in tables 7.2 and 7.3 and those in middle schools in tables 7.4 and 7.5. The number of teachers in middle schools who have acquired professional training is indicated in table 7.6. Tables 7.7 and 7.8 contain information on teachers in secondary schools according to sex and general education. Table 7.9 shows the number of teachers in secondary schools who have acquired professional training. Table 7.10 provides data on teachers in vocational and technical schools by sex. The number of teachers' training schools and colleges and the enrolment and out-turn of candidates in these institutions are provided in tables 7.11 and 7.12.

TABLE 7.1

Teachers in Pre-primary Schools by Sex, 1956-57 to 1962-63

Year	Number of Teachers				
	Total number	Male		Female	
		Number	Percent	Number	Percent
1	2	3	4	5	6
1956-57	12	..	..	12	100.0
1957-58	41	6	14.6	35	85.4
1958-59	38	9	23.7	29	76.3
1959-60	40	2	5.0	38	95.0
1960-61	39	1	2.6	38	97.4
1961-62	109	1	0.90	108	99.1
1962-63	153	..	..	153	100.0

TABLE 7.2

Teachers in Primary Schools by Sex, 1956-57 to 1962-63

Year	Total number	Male		Female	
		Number	Percent	Number	Percent
		3	4	5	6
1956-57	46577	28867	62.0	17710	38.0
1957-58	44069	26309	59.7	17760	40.3
1958-59	43344	25337	58.5	18007	41.5
1959-60	44493	25776	57.9	18717	42.1
1960-61	46609	26582	57.0	20027	43.0
1961-62	49405	27570	55.8	21835	44.2
1962-63	48348	27266	56.4	21082	43.6

TABLE 7.3

Teachers in Primary Schools by General Education, 1956-57 to 1962-63

Year	Total number	Matriculates and above		Non-matriculates	
		Number	Percent	Number	Percent
		3	4	5	6
1956-57	46577	20901	44.9	25676	55.1
1957-58	44069	20298	46.1	23771	53.9
1958-59	43344	19728	45.5	23616	54.5
1959-60	44493	21066	47.3	23427	52.7
1960-61	46609	24042	51.6	22567	48.4
1961-62	49405	26675	54.0	22730	46.0
1962-63	48348	26165	54.0	22183	46.0

TABLE 7.4

Teachers in Middle Schools by Sex 1956-57 to 1962-63

Year	Total number	Male		Female	
		Number	Percent	Number	Percent
		3	4	5	6
1956-57	13171	7946	60.3	5225	39.7
1957-58	19653	11953	60.8	7700	39.2
1958-59	25401	14881	58.6	10520	41.4
1959-60	27213	15690	57.7	11523	42.3
1960-61	28699	16398	57.1	12301	42.9
1961-62	31250	17930	57.4	13320	42.6
1962-63	34374	19117	55.6	15257	44.4

TABLE 7.5

Teachers in Middle Schools by General Education, 1956-57 to 1962-63

Year	Total number	Matriculates		Non-matriculates	
		Number	Percent	Number	Percent
		3	4	5	6
1956-57	13171	8081	61.4	5090	38.6
1957-58	19653	11589	59.0	8064	41.0
1958-59	25401	14981	59.0	10420	41.0
1959-60	27213	16689	61.3	10524	38.7
1960-61	28699	18191	63.4	10508	36.6
1961-62	31250	20330	65.1	10920	34.9
1962-63	34374	21986	64.0	12388	36.0

TABLE 7.6

Teachers in Middle Schools by Professional Training 1956-57 to 1962-63

Year	Total number	Trained		Untrained	
		Number	Percent	Number	Percent
		3	4	5	6
1956-57	13171	11254	85.4	1917	14.6
1957-58	19653	16332	83.1	3321	16.9
1958-59	25401	21070	82.9	4331	17.1
1959-60	27213	21983	80.8	5230	19.2
1960-61	28699	22349	77.9	6350	22.1
1961-62	31250	23514	75.2	7736	24.8
1962-63	34374	28675	83.4	5699	16.6

TABLE 7.7

Teachers in Secondary Schools by Sex, 1956-57 to 1962-63

Year	Total number	Male		Female	
		Number	Percent	Number	Percent
1	2	3	4	5	6
1956-57	19405	12454	64.2	6951	35.8
1957-58	20473	12986	63.4	7487	36.6
1958-59	22822	14150	62.0	8672	38.0
1959-60	25141	15371	61.1	9770	38.9
1960-61	26854	16581	61.7	10273	38.3
1961-62	30393	18714	61.6	11679	38.4
1962-63	32930	20727	63.0	12203	37.0

TABLE 7.8

Teachers in Secondary Schools by General Education 1956-57 to 1962-63

Year	Total number	Graduates		Non-graduates	
		Number	Percent	Number	Percent
1	2	3	4	5	6
1956-57	19405	6743	34.7	12662	65.3
1957-58	20473	7306	35.7	13167	64.3
1958-59	22822	7964	34.9	14858	65.1
1959-60	25141	8961	35.6	16180	64.4
1960-61	26854	10259	38.3	16595	61.7
1961-62	30393	12459	41.0	17934	59.0
1962-63	32930	14084	42.8	18846	57.2

TABLE 7.9

Teachers in Secondary Schools by Professional Training 1956-57 to 1962-63

Year	Total number	Trained		Untrained	
		Number	Percent	Number	Percent
1	2	3	4	5	6
1956-57	19405	14229	73.3	5176	26.7
1957-58	20473	14946	73.0	5527	27.0
1958-59	22822	17047	74.7	5775	25.3
1959-60	25141	18980	75.4	6161	24.6
1960-61	26854	20188	75.2	6666	24.8
1961-62	30393	22272	73.3	8121	26.7
1962-63	32930	25926	78.7	7004	21.3

TABLE 7.10

Teachers in Vocational and Technical Schools by Sex 1956-57 to 1962-63

Year	Total number	Male		Female	
		Number	Percent	Number	Percent
1	2	3	4	5	6
1956-57	404	305	75.5	99	24.5
1957-58	441	341	77.3	100	22.7
1958-59	725	542	74.8	183	25.2
1959-60	972	737	75.8	235	24.2
1960-61	1217	956	78.6	261	21.4
1961-62	1346	1046	78.0	300	22.0
1962-63	1369	1049	76.6	320	23.4

TABLE 7.11

Teachers Training Schools—Number, Enrolment and Out-turn, 1956-57 to 1962-63

Year	No. of schools	Number of pupils			Out-turn		
		Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8
1956-57	37	2101	1531	3632	2149	1407	3556
1957-58	44	2120	1736	5856	1633	1345	2978
1958-59	53	1945	1373	3318	488	359	847
1959-60	75	2985	2223	5208	961	688	1649
1960-61	78	3263	2438	5701	1559	1193	2752
1961-62	80	3989	3412	7401	2955	2236	5191
1962-63	83	4404	3565	7969	2051	1422	3473

(Note—Nursery Training Schools not included)

TABLE 7.12

Teachers' Training Colleges—Number, Enrolment and Out-turn 1956-57 to 1961-62

Year	Number of Colleges	Number of pupils			Out-turn		
		Male	Female	Total	Male	Female	Total
1	2	3	4	5	6	7	8
1956-57	5	462	298	760	408	268	676
1957-58	12	873	489	1362	809	462	1271
1958-59	13	1021	438	1459	1018	458	1476
1959-60	13	1056	461	1517	1078	431	1509
1960-61	18	1290	719	2009	1295	724	2019
1961-62	19	1304	792	2096	1316	779	2095

SECTION—8

University Education

This section contains 22 tables (8.1 to 8.21) providing data on university education. Table 8.1 gives the number of colleges in the State by type of management. The data on enrolment in the University and colleges and number of students per lakh of population are furnished in table 8.2. Enrolment in colleges according to faculties is provided in table 8.3 and the enrolment in each faculty as percentage of total in table 8.4. Information on enrolment in Intermediate, Degree and Post-graduate classes according to faculties and general or professional education is provided in tables 8.5 to 8.9. Enrolment in research classes and other branches of studies is given in tables 8.10 and 8.11. Table 8.12 shows enrolment of women students in colleges. Table 8.13 shows teacher pupil ratio in colleges. Tables 8.14 to 8.17 provide out-turn of Intermediate, Pre-University, Pre-professional, Graduate, Post graduate and Professional courses. Pass percentage of examination in these courses is given in tables 8.18 to 8.21.

TABLE 8.1

Number of Colleges by Type of Management
1956-57 to 1963-64

Year	No. of Colleges by Type of Management				Colleges exclusively meant for women
	University	Private	Government	Total	
1	2	3	4	5	6
1956-57	1	27	20	48	7
1957-58	1	47	25	73	12
1958-59	1	51	24	76	12
1959-60	1	51	24	76	12
1960-61	1	58	24	83	12
1961-62	1	62	24	87	12
1962-63	1	62	26	89	12
1963-64	1	64	26	91	12

Source: Department of Statistics, University of Kerala.

Note:—Three institutions run by the State Government were disaffiliated during 1958-59.

TABLE 8.2

Enrolment in University and Colleges in Kerala and number of students per lakh of population
1956-57 to 1963-64

Year	Total enrolment	Percentage rise over previous year	Number of students per lakh of population
1	2	3	4
1956-57	28762	..	183
1957-58	32157	11.80	203
1958-59	38202	18.80	236
1959-60	38132	..	231
1960-61	44363	16.34	262
1961-62	49959	12.61	289
1962-63	55546	11.18	314
1963-64	67116	20.83	371

Source: Department of Statistics, University of Kerala.

Note:—The Population figures for the respective years were taken on the basis of the geometric rate of growth of population from 1951-61.

TABLE 8.3

Enrolment in Colleges according to Faculties 1956-57 to 1963-64

Year	Enrolment according to Faculties (General, Professional and Special Education)										Total
	Arts	Science	Commerce	Education	Engineering & Technology	Medicine	Agriculture	Veterinary science	Law	Others	
1	2	3	4	5	6	7	8	9	10	11	12
1956-57	6418	17844	1072	760	388	424	126	122	540	1068	28762
1957-58	6456	19628	1282	1372	533	514	200	215	368	1589	32157
1958-59	5901	25895	1611	1469	855	656	236	283	342	954	38202
1959-60	5004	26076	1751	1529	1162	876	236	332	304	862	38132
1960-61	5262	30390	1928	2035	1553	1133	215	359	437	1051	44363
1961-62	5450	34210	2164	2122	2765	1346	217	298	409	978	49959
1962-63	5900	37515	2232	2192	3198	1544	219	259	486	2001	55546
1963-64	7719	46007	2623	2373	3841	1811	221	235	455	1831	67116

Source: Department of Statistics, University of Kerala.

TABLE 8.4

Percentage of Enrolment in Colleges according to Faculties, 1956-57 to 1963-64

Year	Percentage to total enrolment (General, Professional & Special Education)										
	Arts	Science	Commerce	Education	Engineering & Technology	Medicine	Agriculture	Veterinary Science	Law	Others	Total
1	2	3	4	5	6	7	8	9	10	11	12
1956-57	22.32	62.04	3.73	2.64	1.35	1.46	0.44	0.43	1.88	3.71	100.00
1957-58	20.07	61.04	3.99	4.27	1.66	1.60	0.62	0.67	1.14	4.94	100.00
1958-59	15.45	67.78	4.22	3.84	2.24	1.72	0.62	0.74	0.89	2.50	100.00
1959-60	13.18	68.38	4.59	4.01	3.05	2.30	0.62	0.87	0.80	2.20	100.00
1960-61	11.86	68.50	4.35	4.59	3.50	2.55	0.48	0.81	0.99	2.37	100.00
1961-62	10.91	68.48	4.33	4.25	5.53	2.69	0.43	0.60	0.82	1.96	100.00
1962-63	10.62	67.54	4.02	3.95	5.76	2.78	0.39	0.47	0.87	3.60	100.00
1963-64	11.50	68.55	3.91	3.53	5.72	2.70	0.33	0.35	0.68	2.73	100.00

Source: Department of Statistics, University of Kerala.

TABLE 8.5

Enrolment in Intermediate Classes according to Faculties 1956-57 to 1963-64

Year	Intermediate*			Pre-University			Pre-Professional		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10
1956-57	5591	2187	7778	5722	2272	7994	..	..	..
1957-58	7632	3031	10683	535	85	620
1958-59	10097	4263	14360	675	70	745
1959-60	8724	3441	12165	677	71	748
1960-61	10403	4755	15158	956	96	1052
1961-62	12479	5872	18351	317	65	382
1962-63	13586	7154	20740	359	76	435
1963-64	17317	9480	26797	333	82	415

*Intermediate

Year	Arts			Science			Total		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1956-57	1652	710	2362	3939	1477	5416	5591	2187	7778

Source: Department of Statistics, University of Kerala.

TABLE 8.6

Enrolment in Degree Classes according to Faculties 1956-57 to 1963-64—General Education

Year	Enrolment according to faculties—General Education											
	Arts (B. A.)											
	1st year			2nd year			3rd year			Total		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
1956-57	1357	593	1950	1403	498	1901	33	20	53	2793	1111	3904
1957-58	2189	1191	3380	1950	833	2783	32	31	63	4171	2055	6226
1958-59	796	428	1224	2794	1484	4278	31	24	55	3621	1936	5557
1959-60	1019	598	1617	984	491	1475	883	540	1423	2886	1629	4515
1960-61	1007	544	1551	1071	583	1654	969	487	1456	3047	1614	4661
1961-62	988	621	1609	1013	543	1556	1068	584	1652	3069	1748	4817
1962-63	1321	920	2241	942	595	1537	970	513	1483	3233	2028	5261
1963-64	1884	1388	3272	1271	900	2171	922	580	1502	4077	2868	6945

Year	Enrolment according to faculties—General Education											
	Science (B. Sc.)											
	1st year			2nd year			3rd year			Total		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
14	15	16	17	18	19	20	21	22	23	24	25	
1956-57	1542	645	2187	1470	552	2022	34	11	45	3046	1208	4254
1957-58	3813	1822	5635	1767	690	2457	40	9	49	5620	2521	8141
1958-59	2826	1302	4128	4497	1871	6368	43	29	72	7366	3202	10568
1959-60	3431	1747	5178	2774	1273	4047	2447	1139	3586	8652	4159	12811
1960-61	3102	1815	4917	3173	1688	4861	2720	1248	3968	8995	4751	13746
1961-62	3653	1982	5635	2886	1678	4564	3083	1671	4754	9622	5331	14953
1962-63	3842	2264	6106	3320	1901	5221	2755	1647	4402	9917	5812	15729
1963-64	4482	2805	7287	3523	2178	5701	3196	1866	5062	11201	6849	18050

Source: Department of Statistics, University of Kerala.

TABLE 8.7

Enrolment in Degree Classes according to Faculties 1956-57 to 1963-64—Professional and Special Education

Year	Enrolment according to Faculties—Professional and Special Education								
	Commerce B. Com.			Education B. Ed.			Engineering Technology B. Sc. (Engg.)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10
1956-57	1052	20	1072	462	298	760	388	..	388
1957-58	1242	40	1282	873	489	1362	531	2	533
1958-59	1578	33	1611	997	462	1459	812	21	833
1959-60	1710	41	1751	1056	461	1517	1114	32	1146
1960-61	1881	47	1928	1290	719	2009	1477	52	1529
1961-62	2052	43	2095	1304	792	2096	2643	96	2739
1962-63	2051	50	2101	1286	879	2165	3054	118	3172
1963-64	2426	67	2493	1222	1123	2345	3652	155	3807

Year	Enrolment according to Faculties—Professional and Special Education											
	Medicine M.B.B.S.			Agriculture B. Sc. (Agri.)			Veterinary Science B. V. Sc.			Law F.L.&B.L.		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
11	12	13	14	15	16	17	18	19	20	21	22	
1956-57	315	109	424	126	—	126	118	4	122	506	34	540
1957-58	380	134	514	196	4	200	209	6	215	340	28	368
1958-59	477	179	656	226	10	236	272	11	283	315	27	342
1959-60	625	239	864	219	17	236	322	10	332	280	24	304
1960-61	812	306	1118	195	20	215	348	11	359	401	30	431
1961-62	954	354	1308	175	20	195	288	10	298	365	33	398
1962-63	1118	385	1503	156	19	175	248	11	259	434	35	469
1963-64	1390	360	1750	159	16	175	216	14	230	386	43	429

Source: Department of Statistics, University of Kerala.

TABLE 8.8

Enrolment in Post-Graduate classes according to Faculties 1956-57 to 1963-64—General Education

Year	Enrolment according to Faculties (General Education)																	
	Arts (M.A.)									Science (M. Sc.)								
	1st year			2nd year			Total			1st year			2nd year			Total		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1956-57	44	40	84	39	24	63	83	64	147	55	21	76	54	11	65	109	32	141
1957-58	103	52	155	35	34	69	138	86	224	69	15	84	46	17	63	115	32	147
1958-59	127	55	182	90	57	147	217	112	329	78	28	106	69	15	84	147	43	190
1959-60	189	109	298	129	52	181	318	161	479	134	51	185	98	41	139	232	92	324
1960-61	190	121	311	180	105	285	370	226	596	152	76	228	139	53	192	291	129	420
1961-62	216	123	339	172	110	282	388	233	621	210	87	297	143	73	216	353	160	513
1962-63	188	136	324	184	113	297	372	249	621	208	111	319	198	78	276	406	189	595
1963-64	245	173	418	195	129	324	440	302	742	253	146	399	199	106	305	452	252	704

Source: Department of Statistics, University of Kerala.

TABLE 8.9

Enrolment in Post-Graduate classes according to Faculties 1956-57 to 1963-64—Professional and Special Education

Year	Enrolment according to Faculties (Professional and Special Education)																				
	Commerce M. Com.			Education M. Ed.			Engineering & Technology M.Sc. (Engg.)			Medicine M.S./M.D./ D.G.O.			Agriculture M. Sc. (Agri.)			Veterinary Science M.Sc. (Vet.Sc.)			Law M.L.		
	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1956-57	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1957-58	..	..	..	7	3	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1958-59	..	..	..	7	3	10	22	..	22	..	..	..	..	..	..	..	..	..	..	..	..
1959-60	..	..	..	6	2	8	16	..	16	6	6	12	..	..	..	..	..	..	..	..	..
1960-61	..	..	..	14	6	20	24	..	24	8	7	15	..	..	..	..	..	..	5	1	6
1961-62	65	4	69	13	7	20	26	..	26	19	19	38	18	4	22	..	..	..	8	3	11
1962-63	124	7	131	14	6	20	24	2	26	20	21	41	36	8	44	..	..	..	12	5	17
1963-64	124	6	130	14	6	20	31	3	34	42	19	61	38	8	46	5	..	5	19	4	23

Source: Department of Statistics, University of Kerala.

B-Boys, G-Girls, T-Total.

TABLE—8.10

Enrolment in Research Classes according to Faculties 1956-57 to 1963-64

Year	Arts			Science			Commerce			Education			Engineering & Technology			Medicine			Agriculture			Veterinary Science			Law		
	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1956-57	4	1	5	32	7	39	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1957-58	2	4	6	29	8	37	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1958-59	8	7	15	24	8	32	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1959-60	5	5	10	21	7	28	..	..	..	3	1	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1960-61	2	3	5	11	3	14	..	..	..	5	1	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1961-62	7	5	12	7	4	11	..	..	..	5	1	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1962-63	14	4	18	11	5	16	..	..	..	6	1	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1963-64	24	8	32	26	15	41	..	..	..	6	2	8	..	..	..	..	..	..	..	..	..	..	..	3	..	3

Source: Department of Statistics, University of Kerala.

B—Boys, G—Girls, T—Total.

TABLE—8.11

Enrolment of students in other branches of Studies, 1956-57 to 1963-64

Year	Enrolment of students according to other branches of studies																	
	B.A.M.			D.A.M.			Oriental Studies			D.S.S.			*Others			Total		
	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1956-57	80	17	97	115	19	134	105	21	126	..	..	..	687	24	711	987	81	1068
1957-58	83	19	102	123	23	146	318	151	469	..	30	30	821	21	842	1345	244	1589
1958-59	79	20	99	122	26	148	450	198	648	35	24	59	..	..	..	686	268	954
1959-60	78	17	95	109	22	131	301	104	405	61	63	124	97	10	107	646	216	862
1960-61	64	12	76	75	15	90	301	95	396	53	39	92	175	222	397	668	383	1051
1961-62	55	12	67	32	8	40	358	165	523	32	17	49	242	57	299	719	259	978
1962-63	69	12	81	162	51	213	358	179	537	44	7	51	877	242	1119	1510	491	2001
1963-64	66	18	84	144	71	215	267	201	468	30	9	39	810	215	1025	1317	514	1831

Source:—Department of Statistics, University of Kerala.

* Others include such courses as B. D. S., D. M. S., certificate in Engineering, Health Inspector's course, Degree/Diploma in Nursing, Midwifery, Shorthand, Typewriting, N. D. C. etc.

B—Boys, G—Girls, T—Total.

TABLE—8.12

Enrolment of Women Students in Colleges 1956-57 to 1963-64

Year	Enrolment		Percentage enrolment of women students
	Total	Women	
1956-57	28762	7428	25.8
1957-58	32157	8772	27.3
1958-59	38202	10655	27.9
1959-60	38132	10614	27.8
1960-61	44363	13160	29.7
1961-62	49959	15063	30.2
1962-63	55546	17555	31.6
1963-64	67116	22196	33.1

Source: Department of Statistics, University of Kerala.

TABLE—8.13

Teacher-Pupil Ratio in Colleges 1956-57 to 1963-64

Year	Teacher	Pupil	Ratio
1956-57	1679	28762	1:17.1
1957-58	2052	32157	1:15.7
1958-59	2275	38202	1:16.8
1959-60	2563	38132	1:14.9
1960-61	2819	44363	1:15.7
1961-62	3123	49959	1:16.0
1962-63	3334	55546	1:16.7
1963-64	3675	67116	1:18.3

Source: Department of Statistics, University of Kerala.

TABLE—8.14

Out-turn of Intermediate, Pre-University and Pre-Professional Courses 1957-64

Year/Month	Intermediate				Pre University				Pre-Professional			
	Boys		Girls		Boys		Girls		Boys		Girls	
	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed
1	2	3	4	5	6	7	8	9	10	11	12	13
1957 March	9851	2927	3115	1016	5136	1075	2078	432	..	..	..	..
September	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	..	..	..	..
1958 March	3633	769	1052	273	8162	3886	3072	1465	547	377	73	66
September	2033	516	594	159	3404	1004	1288	407	..	..	..	..
1959 March	1531	397	384	111	10900	5648	4467	2324	744	501	68	50
September	738	115	152	39	4096	1579	1759	748	188	122	13	11
1960 March	984	370	131	63	9970	4513	3857	1870	761	588	74	64
September	..	..	..	..	4560	1225	1816	603	215	149	9	7
1961 March	..	..	..	..	11793	5632	5097	2410	1010	703	97	71
September	..	..	..	..	5259	1448	2017	662	264	157	20	11
1962 March	..	..	..	..	14660	6914	6542	2892	388	278	73	48
September	..	..	..	..	6448	2480	3268	1213	84	65	7	4
1963 March	..	..	..	..	16059	7830	8159	3817	387	269	80	75
September	..	..	..	..	7355	2663	3967	1457	..	..	..	..
1964 March	..	..	..	..	18853	9551	10612	4929	372	243	86	72
September	..	..	..	..	9022	3656	5383	2432	133	74	14	6

Source: Department of Statistics, University of Kerala.

TABLE—8.15

Out-turn of B. A., B. Sc. and B. Com. Courses—1957-64

Year/Month	B.A.				B.Sc.				B. Com.,			
	Boys		Girls		Boys		Girls		Boys		Girls	
	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed
1	2	3	4	5	6	7	8	9	10	11	12	13
1957 March	1923	602	680	193	1974	692	704	269	458	204	6	3
September	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1958 March	2032	870	825	321	2232	835	895	338	531	209	12	2
September	1602	337	481	159	1449	383	565	163	532	95	14	2
1959 March	2694	986	1412	570	2955	1149	1187	571	718	408	26	13
September	1454	475	717	129	1387	403	484	219	323	153	11	8
1960 March	2282	849	1083	403	3465	1319	1456	697	570	308	10	5
September	1478	359	689	171	1682	643	717	230	225	69	5	1
1961 March	2434	803	987	319	3751	1446	1558	754	590	347	14	9
September	1692	465	651	203	2528	798	750	250	218	125	2	2
1962 March	1624	546	822	317	4282	1476	2164	902	742	425	25	17
September	916	205	410	120	2396	562	960	274	219	80	4	..
1963 March	1575	504	755	273	4315	1440	2227	929	263	217	130	120
September	279	148	133	73	1077	178	354	74	234	67	3	1
1964 March	1083	576	672	422	3982	1912	1998	1290	642	366	11	5
September	292	86	91	26	1032	223	286	58	194	88	2	1

Source: Department of Statistics, University of Kerala.

TABLE—8.16

Out-turn of M. A., M. Sc. and M. Com. Courses during 1957-64

Year/Month	M.A.				M. Sc.				M. Com.			
	Boys		Girls		Boys		Girls		Boys		Girls	
	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed
1	2	3	4	5	6	7	8	9	10	11	12	13
1957 March	71	56	24	23	80	79	24	22	..	..	..	..
1958 March	102	93	72	67	86	75	26	26	..	..	..	..
1959 March	212	165	83	66	98	85	24	24	..	..	..	..
1960 March	206	166	88	79	97	87	32	32	..	..	..	..
1961 March	250	207	114	108	148	125	51	45	..	..	..	..
1962 March	183	170	104	97	138	133	75	68	..	..	..	..
1963 March	263	217	130	120	196	183	80	75	52	47	3	1
1964 March	250	210	140	124	206	173	102	94	67	59	4	4

Source: Department of Statistics, University of Kerala.

TABLE 8.17

Out-turn of Graduates—Professional 1957-64

Year/Month	B.Sc. (Engg.)				M.Sc. (Eng.)				M. B. B. S.			
	Boys		Girls		Boys		Girls		Boys		Girls	
	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1957 March	90	78	..	..	..	..	..	..	40	23	20	11
September	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1958 March	91	58	1	..	..	..	..	..	33	23	10	7
September	4	3	..	..	..	..	..	..	52	35	18	14
1959 March	109	106	..	..	..	..	..	..	41	25	10	8
September	4	4	..	..	..	..	..	..	54	47	16	12
1960 March	..	..	..	..	..	..	..	..	28	22	7	6
September	10	9	..	..	..	..	..	..	63	46	17	14
1961 March	179	172	..	..	12	11	..	..	54	42	9	7
September	10	9	..	..	4	4	..	..	70	53	32	30
1962 March	386	343	18	18	22	20	..	..	61	38	29	14
September	46	22	2	2	6	6	..	..	82	65	46	30
1963 March	562	452	11	8	..	..	..	..	71	43	30	24
September	79	60	1	1	..	..	..	..	28	23	6	4
1964 March	519	455	10	8	..	..	..	..	117	82	20	16
September	90	85	3	3	..	..	..	..	124	55	23	16

Source: Department of Statistics, University of Kerala.

TABLE 8.17—Contd.

Out-turn of Graduates—Professional, 1957-64

Year|Month	M.S./M.D.				B. Ed.				M. Ed.			
	Boys		Girls		Boys		Girls		Boys		Girls	
	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed
(1)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
1957 March	..	..	..	..	454	408	302	268	..	..	..	..
September	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1958 March	..	..	..	..	888	729	496	418	..	..	..	..
September	..	..	..	..	124	80	59	44	..	..	..	..
1959 March	..	..	..	..	1052	920	464	415	..	..	..	..
September	..	..	..	..	107	98	47	43	..	..	..	..
1960 March	..	..	..	..	1121	973	450	399	8	..	2	..
September	..	..	..	..	148	105	40	32	..	..	..	..
1961 March	..	..	..	..	1327	1199	732	675	14	11	6	6
September	..	..	..	..	125	85	51	43	..	..	..	..
1962 March	..	..	..	..	1370	1223	798	735	..	..	..	..
September	..	..	..	..	126	93	55	44	..	..	..	..
1963 March	7	3	6	4	1309	1186	849	792	17	15	4	4
September	3	1	3	1	126	98	47	42	..	..	..	..
1964 March	19	8	15	3	1285	1161	1152	1075	15	12	8	8
September	10	5	..	..	93	65	51	42	..	..	..	..

TABLE 8.17—Contd.

Out-turn of Graduates—Professional 1957-64

Year|Month	B.Sc. (Agri.)				M.Sc. (Agri.)				B. V. Sc.			
	Boys		Girls		Boys		Girls		Boys		Girls	
	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed
(1)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)	(35)	(36)	(37)
1957 March	..	..	..	..	..	..	..	..	..	..	..	..
September	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1958 March	48	39	..	..	..	..	..	..	..	..	..	..
September	9	9	..	..	..	..	..	..	..	..	..	..
1959 March	74	52	..	..	..	..	..	..	37	26	2	2
September	22	21	..	..	..	..	..	..	11	11	..	..
1960 March	78	60	4	4	..	..	..	..	73	47	2	..
September	18	18	..	..	..	..	..	..	31	27	2	2
1961 March	65	50	6	5	..	..	..	..	57	35	1	1
September	15	13	1	1	..	..	..	..	33	24	..	..
1962 March	74	65	6	6	..	..	..	..	53	40	3	3
September	9	9	..	..	..	..	..	..	37	26	1	1
1963 March	51	46	8	8	19	18	4	4	57	34	1	1
September	4	4	..	..	..	..	..	..	52	37	..	..
1964 March	54	47	6	3	19	17	4	4	56	29	3	2
September	7	7	3	3	..	..	..	..	44	30	1	1

TABLE 8.17—Contd.

Out-turn of Graduates—Professional 1957-64

Year /Month	B. L.				M. L.			
	Boys		Girls		Boys		Girls	
	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed
(1)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)
1957 March	230	73	19	4	5	1	..	..
September	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1958 March	191	119	11	5	5	1	..	..
September	57	33	7	4	3	..	..	..
1959 March	138	96	13	10	3	1	..	..
September	N.A.	N.A.	N.A.	N.A.	..	..	..	..
1960 March	121	60	9	5	5	1	..	..
September	50	12	4	1	..	..	..	..
1961 March	208	60	18	6	6	1	..	..
September	131	46	99	4	..	..	..	..
1962 March	211	100	14	7	7	3	1	..
September	97	42	6	2	..	..	..	..
1963 March	202	107	11	4	8	3	2	..
September	80	53	3	2	..	..	..	..
1964 March	213	118	12	13	8	2	3	..
September	79	27	7	5	..	..	..	..

TABLE 8.17—Contd.

Out-turn of Graduates—Professional 1957-64

Year /Month	M.S.W.				D.S.S.			
	Boys		Girls		Boys		Girls	
	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed
(1)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)
1957 March	..	..	..	..	..	..	..	..
September	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1958 March	..	..	..	..	..	..	..	..
September	..	..	..	..	..	..	..	..
1959 March	..	..	..	..	..	..	..	..
September	..	..	..	..	..	..	..	..
1960 March	..	..	..	..	..	..	..	..
September	..	..	..	..	..	..	..	..
1961 March	..	..	..	..	..	..	..	..
September	..	..	..	..	..	..	..	..
1962 March	15	13	..	..	..	..	..	..
September	..	..	..	..	..	..	..	..
1963 March	13	13	..	..	31	22	7	4
September	..	..	..	..	..	..	..	..
1964 March	12	12	..	..	28	18	10	9
September	..	..	..	..	..	..	..	..

Source: Department of Statistics, University of Kerala.

TABLE 8.18

Pass Percentage in Intermediate, Pre-University & Pre-professional Examinations *in 1957 to 1964

Year	Intermediate			Pre-University			Pre-professional		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10
1957	29.7	32.6	30.4	20.9	20.8	20.9	..	..	..
1958	21.2	26.0	22.2	47.6	47.7	47.6	68.9	90.4	71.5
1959	25.9	28.9	26.5	51.8	52.0	51.9	67.3	73.5	67.9
1960	37.6	48.1	38.8	45.3	48.5	46.2	77.3	86.5	78.1
1961	..	..	..	47.8	47.3	47.6	69.6	73.2	69.9
1962	..	..	..	47.2	44.2	46.3	71.6	65.8	70.7
1963	..	..	..	48.8	46.8	48.1	69.5	93.8	73.7
1964	..	..	..	50.7	46.4	49.1	65.3	83.7	68.8

Source: Department of Statistics, University of Kerala.

Note: *The pass percentage of the examinations conducted in March every year alone is taken into account in this table.

TABLE 8.19

Pass Percentage in Degree Examinations *in 1957 to 64

Year	B. A.			B. Sc.			B. Com.		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10
1957	31.3	28.4	30.5	35.1	38.2	35.9	44.5	50.0	44.6
1958	42.8	38.9	41.7	37.4	37.8	37.5	39.4	16.7	38.9
1959	36.6	40.4	37.9	38.9	48.1	41.5	56.8	50.0	56.6
1960	37.2	37.2	37.2	38.1	47.9	41.0	54.0	50.0	55.9
1961	33.0	32.3	32.8	38.4	48.4	41.4	58.8	64.3	58.9
1962	33.6	38.6	35.3	34.5	41.7	36.9	57.3	68.0	57.6
1963	32.0	36.2	33.3	33.4	41.7	36.2	82.5	92.3	85.8
1964	53.2	62.8	56.9	48.0	64.6	53.5	57.0	45.5	56.8

Source: Department of Statistics, University of Kerala.

Note: *The pass percentage of the Examination conducted in March every year alone is taken into account in this table.

TABLE 8.20

Pass Percentage in Post-Graduate Degree Examinations *in 1957-64

Year	M. A.			M. Sc.			M. Com.		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10
1957	78.9	95.8	83.2	98.8	91.7	97.1	..	..	..
1958	91.2	93.1	91.9	87.2	100.0	90.2	..	..	..
1959	77.8	79.5	87.3	86.7	100.0	89.3	..	..	..
1960	80.6	89.8	83.3	89.7	100.0	92.2	..	..	..
1961	82.8	94.7	86.5	84.5	88.2	85.4	..	..	..
1962	92.9	93.3	93.0	96.4	90.7	94.4	..	..	..
1963	82.5	92.3	85.8	93.4	93.8	93.5	90.4	33.3	87.3
1964	84.0	88.6	85.6	84.0	92.2	86.7	88.1	100.0	88.7

Source: Department of Statistics, University of Kerala.

Note: *The pass percentages in the examinations conducted in March every year alone is taken into account in this table.

TABLE 8.21

Pass percentage in Degree Examinations*—Professional in 1957-64

Year	B.Sc. (Engg.)			M.Sc. (Engg.)			M.B.B.S.			M.S./M.D.			B. Ed.		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1957	86.7	..	86.7	..	..	..	57.5	55.0	56.7	..	..	..	89.9	88.7	89.4
1958	63.7	..	63.7	..	..	..	69.7	70.0	69.8	..	..	..	82.1	84.3	82.9
1959	97.2	..	97.2	..	..	..	61.0	80.0	64.7	..	..	..	87.5	89.4	88.1
1960	..	..	..	..	..	..	78.6	85.7	80.0	..	..	..	86.8	88.7	87.3
1961	96.1	..	96.1	91.7	..	91.7	77.8	77.8	77.8	..	..	..	90.4	92.2	91.0
1962	88.9	100.0	89.4	90.9	..	90.9	62.3	48.3	57.8	..	..	..	89.3	92.1	90.3
1963	80.4	72.7	80.3	..	..	..	60.6	80.0	66.3	42.9	66.7	53.8	90.6	93.3	91.7
1964	87.7	80.0	87.5	..	..	..	70.1	80.0	71.5	42.1	20.0	32.4	90.4	93.3	91.8

Pass Percentage in Degree Examinations*—Professional—1957-64 (Contd.)

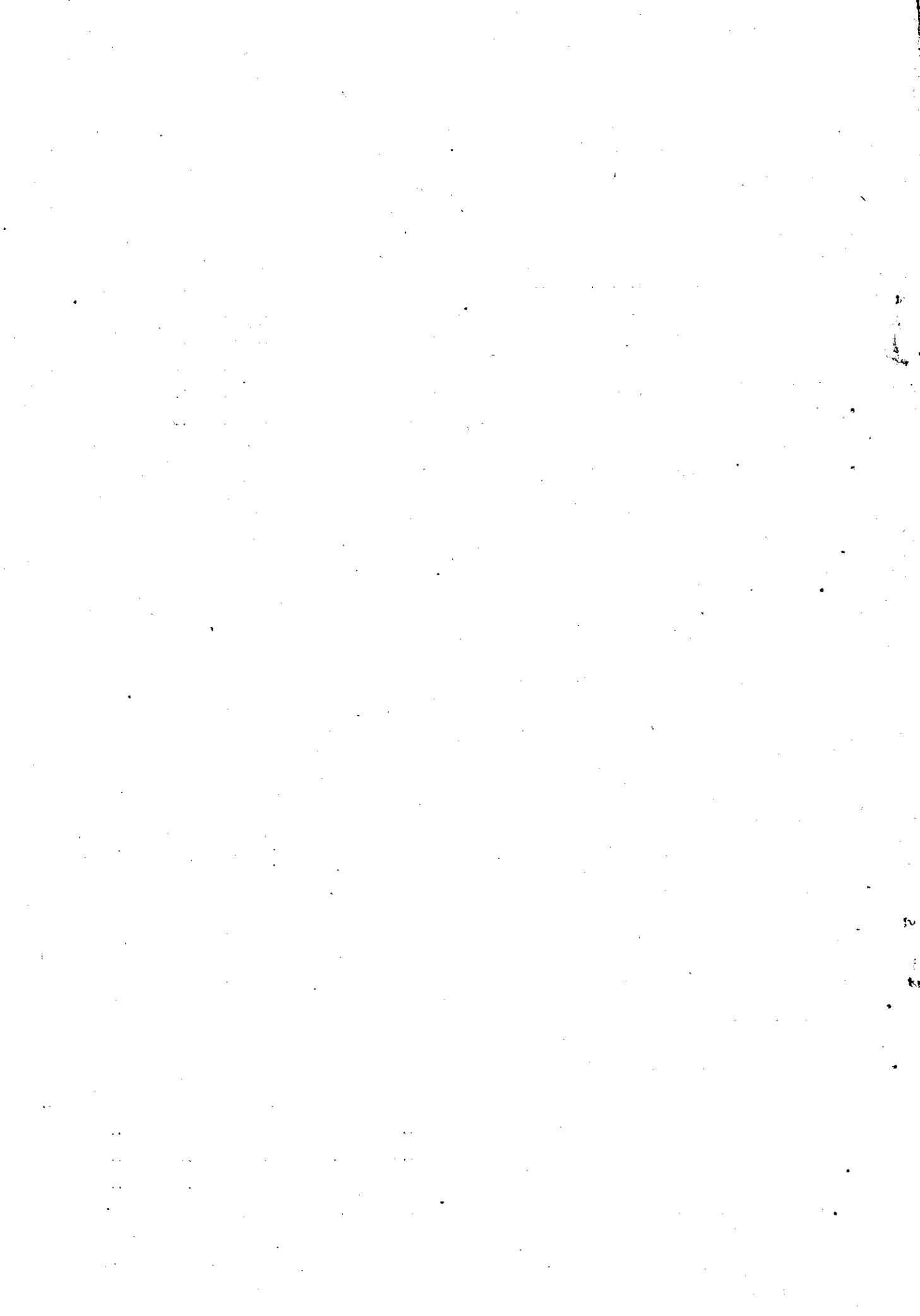
Year	M. Ed.			B.Sc. (Agri.)			M.Sc. (Agri.)			B. L.			M. L.		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
1957	..	..	..	..	..	..	..	..	..	31.7	21.1	30.9	20.0	..	20.0
1958	..	..	..	81.3	..	81.3	..	..	..	62.3	45.5	61.4	20.0	..	20.0
1959	..	..	..	70.3	..	70.3	..	..	..	69.6	76.9	70.2	33.3	..	33.3
1960	..	..	..	76.9	100.0	78.0	..	..	..	49.6	55.6	50.0	20.0	..	20.0
1961	78.6	100.0	85.0	76.9	83.3	77.5	..	..	..	28.8	83.3	29.2	16.7	..	16.7
1962	..	..	..	87.8	100.0	85.5	..	..	..	47.4	50.0	47.6	42.9	..	37.5
1963	88.2	100.0	90.5	90.2	100.0	91.5	94.7	100.0	95.7	53.0	36.4	52.1	37.5	..	30.0
1964	80.0	100.0	86.9	87.0	50.0	83.3	89.5	100.0	91.3	55.4	61.9	56.0	25.0	..	18.2

Pass Percentage in Degree Examinations*—Professional—1957-64 (Contd.)

Year	B. V. Sc.			M. S. W.			D. S. S.			
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	
1	32	33	34	35	36	37	38	39	40	
1957	
1958	
1959	..	70.3	100.0	..	..	..	..	..	..
1960	..	64.4	..	..	..	..	..	..	..
1961	..	61.4	100.0	..	..	..	..	..	..
1962	..	75.5	100.0	86.7	..	86.7	..	..	..
1963	..	59.6	100.0	100.0	..	100.0	71.0	57.1	68.4	
1964	..	51.8	66.7	52.5	100.0	..	100.0	64.3	90.0	71.1

Source: Department of Statistics, University of Kerala.

Note: *The pass percentages in the examinations conducted in March every year alone is taken into account in this table.



SECTION—9

Scientific Personnel

This section contains 4 tables (9.1 to 9.4) giving information on enrolment, out-turn of students in science classes during the period 1956-57 and 1963-64 according to stages of scientific education.

Table 9.1 shows enrolment of students in science classes according to different stages of scientific learning. Table 9.2 gives the out-turn of students. The percentage enrolment of students in science classes according to stages is given in Table 9.3 and the pass percentage of students in science classes in table 9.4.

TABLE 9.1

Enrolment in Colleges (Science classes) according to Stages—1956-57 to 1963-64

Year	Science Enrolment														
	Intermediate/ Pre-University/ Pre-professional			Graduate (B. Sc.)			Post graduate (M. Sc.)			Research			Total		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1956-57	9661	3749	13410	3046	1208	4254	109	32	141	32	7	39	12848	4996	17844
1957-58	8187	3116	11303	5620	2521	8141	115	32	147	29	8	37	13951	5677	19628
1958-59	10772	4333	15105	7366	3202	10568	147	43	190	24	8	32	18309	7586	25895
1959-60	9401	3512	12913	8652	4159	12811	232	92	324	21	7	28	18306	7770	26076
1960-61	11359	4851	16210	8995	4751	13746	291	129	420	11	3	14	20656	9734	30390
1961-62	12796	5937	18733	9622	5331	14953	353	160	513	7	4	11	22778	11432	34210
1962-63	13945	7230	21175	9917	5812	15729	406	189	595	11	5	16	24279	13236	37515
1963-64	17650	9562	27212	11201	6849	18050	452	252	704	26	15	41	29329	16678	46007

Source: Department of Statistics, University of Kerala.

TABLE 9.2

Out-turn of Students in Science Classes—according to Stages 1956-57 to 1963-64

Year/Month	Out-turn							
	Intermediate/Pre-university Pre-professional		Graduate (B. Sc.)		Post graduate (M.Sc.)		Total	
	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed	No. appeared	No. passed
	2	3	4	5	6	7	8	9
1957 March	20180	5450	2678	961	104	101	22962	6512
September	N.A.	N.A.	N.A.	N.A.	..	..	N.A.	N.A.
1958 March	16539	6836	3127	1173	112	101	19778	8110
September	7319	2086	2014	54655	..	..	9333	2632
1959 March	18094	9031	4142	1720	122	109	22358	10860
September	6946	2614	1871	622	..	..	8817	3236
1960 March	15777	7468	4921	2016	129	119	20827	9603
September	6600	1984	2399	873	..	..	8999	2857
1961 March	17997	8816	5309	2200	199	170	23505	11186
September	7560	2278	3278	1048	..	..	10838	3326
1962 March	21663	10132	6446	2378	213	201	28322	12711
September	9807	3762	3356	836	..	..	13163	4598
1963 March	24685	11991	6542	2369	276	258	31503	14618
September	11322	4120	1431	252	..	..	12753	4372
1964 March	29923	14795	5980	3202	308	267	36211	18264
September	14552	6168	1318	281	..	..	15870	6449

Source: Department of Statistics, University of Kerala.

TABLE 9.3

Percentage of Enrolment in Science Classes according to Stages—1956-57 to 1963-64

Year	Percentage Enrolment														
	Intermediate/ Pre-University/ Pre-professional			Graduate B. Sc.			Post Graduates M. Sc.			Research			Total		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1956-57	75.19	75.04	75.15	23.71	24.18	23.84	0.85	0.64	0.79	0.25	0.14	0.22	100.00	100.00	100.00
1957-58	58.68	54.89	57.58	40.28	44.41	41.48	0.83	0.56	0.75	0.21	0.14	0.19	100.00	100.00	100.00
1958-59	58.84	57.12	58.33	40.23	42.21	40.81	0.80	0.57	0.74	0.13	0.10	0.12	100.00	100.00	100.00
1959-60	51.35	45.20	49.52	47.26	53.53	49.13	1.27	1.18	1.24	0.12	0.09	0.11	100.00	100.00	100.00
1960-61	54.99	49.84	53.34	43.55	48.81	45.23	1.41	1.32	1.38	0.05	0.03	0.05	100.00	100.00	100.00
1961-62	56.18	51.93	54.76	42.24	46.63	43.71	1.55	1.40	1.50	0.03	0.04	0.03	100.00	100.00	100.00
1962-63	57.44	54.62	56.44	40.85	43.91	41.93	1.67	1.43	1.59	0.04	0.04	0.04	100.00	100.00	100.00
1963-64	60.18	57.33	59.15	38.19	41.07	39.23	1.54	1.51	1.53	0.09	0.09	0.09	100.00	100.00	100.00

Source: Department of Statistics, University of Kerala.

TABLE 9.4

Pass Percentage of Students in Science Classes according to Stages—1957 to 1964

Year	Intermediate Pre-University/ Pre-professional	Graduate B.Sc.	Post Graduate M.Sc.	Total
1	2	3	4	5
1957	27.01	35.88	97.12	28.36
1958	41.33	37.51	90.18	41.01
1959	49.91	41.53	89.34	48.57
1960	47.33	40.97	92.25	46.11
1961	48.99	41.44	85.43	47.49
1962	46.77	36.89	94.37	62.53
1963	48.58	36.21	93.48	46.40
1964	49.44	53.55	86.69	50.44

Source: Department of Statistics, University of Kerala.

Note: Out-turn of students in the examination conducted in March every year alone is taken into account.



SECTION—10

Engineering and Technological Personnel

This section contains 10 tables (10.1 to 10.10) The number of engineering colleges and intake and out-turn of engineering students (degree classes) are shown in table 10.1. Table 10.2 gives the number of diploma institutions and the intake and out-turn of students from these institutions. Table 10.3 shows the district-wise annual intake and out-turn of students in engineering first degree institutions. The number of Polytechnics in various districts and their sanctioned intake and out-turn are shown in table 10.4. The out-turn of engineering graduates and diploma holders by subjects are presented in tables 10.5 and 10.6. Table 10.7 provides the out-turn of engineering graduates and diploma holders per lakh of population. Tables 10.8 and 10.9 give the estimated number of engineering graduates and diploma holders by subjects for the years 1956, 1961 and 1966. The estimated additional requirements of engineering personnel during Third and Fourth Plan periods are furnished in table 10.10.

TABLE—10.1

Number of Engineering Colleges (Degree Courses) in Kerala with figures of Intake and Outturn 1956-64

Year	No. of Colleges	Intake (sanctioned)	Outturn
1	2	3	4
1956-57	1	100	90
1957-58	1	210	90
1958-59	3	450	90
1959-60	3	450	90
1960-61	4	570	90
1961-62	6	870	189
1962-63	6	930	405
1963-64	6	1090	405
1964-65	6	1110	513

Note: Post-graduate course has not been included.
Source: Department of Technical Education

TABLE—10.2

Number of Engineering Diploma Institutions in Kerala with figures of Intake and Outturn 1956-64

Year	No. of Institutions	Intake (sanctioned)	Outturn
1	2	3	4
1956-57	4	634	507
1957-58	6	874	507
1958-59	11	1438	507
1959-60	11	1438	699
1960-61	12	1578	1150
1961-62	13	1718	1150
1962-63	14	1878	1362
1963-64	14	2178	1354
1964-65	14	2178	1482

Source: Department of Technical Education

TABLE 10.3

Engineering first Degree Institutions in Kerala by District with yearly intake & Outturn—1963

Districts	No. of Institutions	Year of Start	Courses (Yearly intake and outturn)											
			Civil		Mechanical		Electrical		Chemical		Architecture		Total	
			Intake	Outturn	Intake	Outturn	Intake	Outturn	Intake	Outturn	Intake	Outturn	Intake	Outturn
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Trivandrum	1	1939	90	66	60	62	60	41	..	..	30	..	240	169
		1963*	30	..	30	..	30	..	..	..	..	..	90	..
Quilon	1	1958	60	54	60	28	40	22	..	..	..	..	160	104
Alleppey	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kottayam	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ernakulam	1	1961	40	..	40	..	40	..	..	..	..	..	120	..
Trichur	1	1958	60	45	60	28	20	28	20	..	..	..	160	101
Palghat	1	1960	40	..	40	..	40	..	..	..	..	..	120	..
Kozhikode	1	1961	70	..	90	..	90	..	..	..	..	..	250	..
Cannanore	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Source: Review of Engineering Institutions in India, I. A. M. R. Working Paper No. 9/1964.
* The out-turn of this course will only be from 1966.

TABLE 10.4

Polytechnics in Kerala by Districts with figures of sanctioned Intake & Outturn in 1963

Districts	No. of Institutions	Year of start	Courses (Sanctioned intake and outturn in 1963)												Total	
			Civil		Mechanical		Electrical		Automobile		Chemical		Textile		Intake	Outturn
			Intake	Outturn	Intake	Outturn	Intake	Outturn	Intake	Outturn	Intake	Outturn	Intake	Outturn		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Trivandrum	2	1958	60	24	60	24	40	24	..	..	..	..	..	..	160	72
	1	1960	..	..	..	..	..	..	..	..	..	24	..	..	24	..
Quilon	1	1957	60	29	60	20	40	18	..	..	..	..	..	..	160	67
Alleppey	2	1958	60	43	60	24	40	10	..	..	..	..	..	..	160	77
		1958	60	14	60	24	40	17	..	..	..	..	..	..	120	55
* Kottayam	1	1951	60	28	30	17	30	19	..	..	..	..	..	..	120	64
Ernakulam	1	1951	60	37	90	20	60	22	20	11	30*	..	..	..	260	103
Trichur	3	1946	60	45	60	22	40	22	..	..	..	..	..	..	160	89
		1958	60	31	30	16	30	14	..	..	..	..	..	..	120	61
		1956	60	28	60	31	40	24	..	..	..	..	..	..	160	83
Palghat	1	1961	60	..	30	..	30	..	..	..	..	..	..	..	120	..
Kozhikode	2	1946	100	84	70	21	70	30	..	..	..	..	..	..	240	135
		1962	40	..	40	..	40	..	..	..	..	..	..	..	120	..
Cannanore	1	1958	60	40	60	11	40	15	..	..	..	30	16	190	82	

Source: Review of Engineering Educational Institutions in India, I. A. M. R. Working paper No. 9/1964.
 *Started only in 1963 and the out-turn will only be from 1966.

TABLE 10.5

Out-turn of Engineering Graduates by Subjects in Kerala—1956-64

Sl. No.	Subject	Year								
		1956-57	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65
1		2	3	4	5	6	7	8	9	10
1	Civil	45	45	45	45	45	81	189	189	243
2	Mechanical	23	23	23	23	23	54	108	108	135
3	Electrical	23	23	23	23	23	54	108	108	135
4	Architecture*	..	..	..	..	..	..	..	..	..
5	Chemical Engineering*	..	..	..	..	..	..	..	..	..
6	Telecommunication†	..	..	..	..	..	..	..	..	..
	Total	91	91	91	91	91	189	405	405	513

Source: Department of Technical Education.

*Courses started in 1962-63. The out-turn will be only from 1966-67.
 †The course has been started in 1963-64. The out-turn will be only from 1967-68.

TABLE 10.6

Out-turn of Engineering Diploma holders by Subjects in Kerala 1956 to 1964

Sl. No.	Subjects	Years								
		1956-57	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-55
	1	2	3	4	5	6	7	8	9	10
1	Civil	192	192	192	278	523	528	576	624	672
2	Mechanical	114	114	114	152	272	272	296	328	360
3	Electrical	128	128	128	176	296	296	320	360	384
4	Textiles	19	19	19	19	38	38	38	38	38
5	Chemical Engineering	16	16	16	16	Nil	Nil	16	16	16
6	Chemical Operator's course	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	16
7	Automobile Engineering	16	16	16	16	16	16	Nil	16	16
8	Food Technology	16	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
9	Fisheries Technology	16	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
	Total	517	485	485	657	1150	1150	1246	1382	1502

Source: Department of Technical Education.

TABLE 10.7

Out-turn of Engineering Graduates and Diploma Holders per 100000 Population in Kerala 1956-57 to 1964-65

Year	Out-turn per 100000 Population		
	Degree holders	Diploma holders	Total
1	2	3	4
1956-57	0.59	3.34	3.93
1957-58	0.58	3.07	3.65
1958-59	0.56	3.00	3.56
1959-60	0.55	3.97	4.52
1960-61	0.54	6.80	7.34
1961-62	1.09	6.66	7.75
1962-63	2.29	7.05	9.34
1963-64	2.24	7.65	9.89
1964-65	2.78	8.13	10.91

Source: Worked out on the basis of Intake and Outturn figures furnished by the Director of Technical Education Kerala.

Note: The Population figures for the respective years were taken on the basis of the geometric rate of growth of population from 1951 to 1961.

TABLE 10.8

Estimated Number of Graduate Engineers in Kerala by subjects, 1956, 1961 and 1966

Field of graduation	Estimated Number		
	1956-57	1961-62	1966-67
1	2	3	4
(a) Civil, Mechanical and Electrical Engineering subjects			
1. Civil	45	81	351
2. Mechanical	23	54	243
3. Electrical	23	54	243
Sub-total	91	189	837
(b) Other subjects			
1. Architecture	..	..	27
2. Chemical Engineering	..	..	27
3. Telecommunication	..	..	..
Sub-total	..	..	54
Total	91	189	891

The estimated numbers are furnished at 90% of the intake of the course.

Source: Department of Technical Education.

TABLE—10.9

Estimated Number of Engineering Diploma Holders in Kerala by Subjects 1956, 1961 and 1966

Field of Training	Estimated Number		
	1956-57	1961-62	1966-67
1	2	3	4
(a) Civil, Mechanical and Electrical Engineering subjects			
1. Civil	192	528	720
2. Mechanical	114	272	456
3. Electrical	128	296	480
Sub-Total	434	1096	1656
(b) Other subjects			
1. Chemical Engineering	16	..	16
2. Textile Technology	19	54	54
3. Automobile Engineering	16	16	16
4. Chemical Operator's course	..	..	16
5. Food Technology	16	..	..
6. Fisheries Technology	16	..	..
Sub-Total	83	70	102
Grand Total	517	1166	1758

Admission to courses like Food Technology, Fisheries Technology and Chemical Engineering were discontinued from 1958-59. Chemical Engineering was reintroduced in 1960-61. The Chemical Operators' course was started from 1962-63. No admission was made for Automobile Engineering in 1961-62. The estimated numbers calculated at 80% of intake.

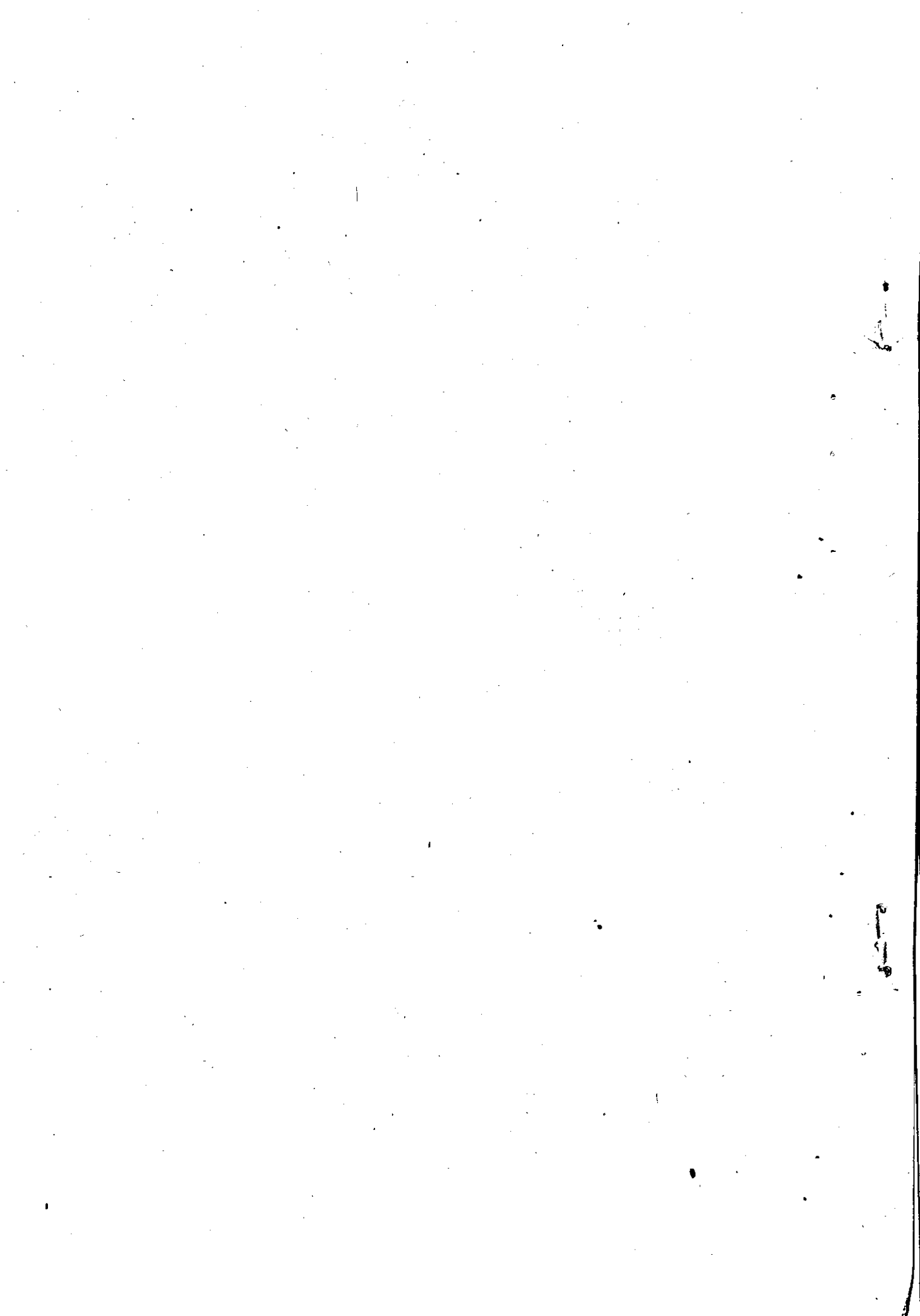
Source: Department of Technical Education.

TABLE—10.10

Estimated Additional Requirements of Engineering Personnel during third and Fourth Plan period

S. No.	Field of Training	Estimated additional requirements during		S. No.	Field of Training	Estimated additional requirements during	
		3rd Plan	4th Plan			3rd Plan	4th Plan
1		2	3	4		5	6
Degree*				Diploma			
1	Civil	67	60	1	Civil	53	216
2	Mechanical	57	78	2	Mechanical	270	220
3	Electrical	33	58	3	Electrical	60	216
4	Architecture	..	3	4	Textile	3	30
5	Telecommunication	2	4	5	Chemical Engineering	3	30
6	Aeronautics	..	13	6	Automobile Engineering	..	15
7	(a) Chemical Engineering	2	4	7	Metallurgy	..	20
	(b) Chemical Operators	..	..	8	Cinematography	..	20
8	Ship building and Naval Architecture	..	15	9	Printing Technology	..	20
9	Metallurgy	..	6				
10	Textile Technology	3	12				
11	Precision Tools	..	8				
	Total	164	261	Total		389	787

Note:— * Number of Post-graduates has not been included
Source:—Department of Technical Education



SECTION—11

Medical Personnel

In this section there are 7 tables (11.1 to 11.7). Table 11.1 gives the intake and out-turn of students for the M. B. B. S. Course in the Medical Colleges in Kerala. The annual intake and out-turn in Medical Colleges per lakh of population are provided in table 11.2. Table 11.3 shows the rates of admission to post graduate courses. Tables 11.4 and 11.5 present the ratio of the medical personnel (category-wise and district-wise) to population. Table 11.6 gives the data relating to rural and urban distribution of medical personnel of various categories. The number of different categories of medical personnel is presented district-wise in Table 11.7.

TABLE—11.1

Rates of Admission for M. B. B. S. Course and Out-turn in Medical Colleges in Kerala 1951-65

Year	Intake in Medical Colleges at					Out-turn from Medical Colleges at				
	Trivandrum	Calicut	Kottayam	Alleppey	Total	Trivandrum	Calicut	Kottayam	Alleppey	Total
1	2	3	4	5	6	7	8	9	10	11
1951	60	..	..	..	60	..	..	..	..	..
1952	60	..	..	..	60	..	..	..	..	..
1953	80	..	..	..	80	..	..	..	..	..
1954	80	..	..	..	80	..	..	..	..	..
1955	80	..	..	..	80	..	..	..	..	..
1956	100	..	..	..	100	25	..	..	..	..
1957	100	50	..	..	150	54	..	..	..	54
1958	100	75	..	..	175	38	..	..	..	38
1959	125	100	..	..	225	68	..	..	..	68
1960	160	150	..	..	310	79	..	..	..	79
1961	150	150	50	..	350	84	..	..	..	84
1962	150	150	50	..	350	90	..	..	..	90
1963	185	180	60	60	485	89	35	..	..	124
1964	185	180	80	60	505	114	64	..	..	178
1965	185	180	80	60	505	128*	N.A.	..	..	N.A.

*Excludes 152 House surgeons (47 in December 1964 and 85 in April 1965)

Source: Principal, Medical College, Trivandrum

TABLE—11.2

Annual Intake and Out-turn in Medical Colleges in Kerala per 100,000 Population 1951-65

Year	Annual Intake per 1,00,000 population	Annual Out-turn per 1,00,000 population
1	2	3
1951	0.44	..
1952	0.43	..
1953	0.56	..
1954	0.55	..
1955	0.54	..
1956	0.66	0.17
1957	0.97	0.35
1958	1.11	0.24
1959	1.39	0.42
1960	1.88	0.48
1961	2.07	0.50
1962	2.03	0.52
1963	2.75	0.70
1964	2.80	0.99
1965	2.73	N.A.

Source: Worked out on the basis of the intake and out-turn figures furnished by the Principal, Medical College, Trivandrum.

Note: The population figures for the respective years were taken on the basis, of the geometric rate of growth of population from 1951 to 1961.

TABLE—11.3

Rates of Admission to Post Graduate Courses 1959-65

Post Graduate Courses	Intake during								Out-turn (regular) during						
	1959	1960	1961	1962	1963	1964	1965	Total	1960	1961	1962	1963	1964	1965	Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1. M. D. (General Medicine)	2	2	..	8	8	8	12	40	..	..	1	..	7*	6	14
2. M. S. (General Surgery)	2	2	..	8	8	8	8	36	..	1	2	1	6*	5	15
3. M. D. (Mid-wifery)	2	2	..	6	6	5	6	27	..	..	1	..	3	2	6
4. M. D. (Pathology)	..	..	..	..	2	1	2	5	..	..	..	..	..	2	2
5. M. D. (Anatomy)	..	..	..	1	..	..	1	2	..	..	..	..	..	1	1
6. M. D. (Bio chemistry)	..	..	..	2	..	..	2	4	..	..	..	..	2	..	2
7. M. D. (Physiology)	..	..	..	..	..	2	2	4	..	..	..	..	..	1	1
8. M. D. (Pharmacology)	..	..	..	..	..	..	1	1	..	..	..	..	..	1	1
9. D. P. H.	..	..	..	1	3	7	6	17	..	..	..	1	..	3	7
10. D. G. O.	3	4	..	6	5	4	..	22	2	2	1	6	4	4	19
11. D. C. P.	3	..	..	..	1	..	..	4	1	..	..	..	1	1	3
12. D. C. H.	..	..	..	..	..	3	3	6	..	..	..	..	..	2	2
Total	12	10	..	32	33	38	43	168	3	3	5	8	27	26	72

*Includes one Private also

Source: Principal, Medical College, Trivandrum

TABLE—11.4

Category-wise Medical Personnel—Population Ratio in Kerala, 1960-61 to 1963-64

Year	Medical Personnel—Population Rates				
	Doctors	Nurses	Midwives	Health Inspectors	Compounders
	1	2	3	4	5	6
1960-61	1 : 25690	1 : 17391	1 : 16671	1 : 94966	1 : 35814
1961-62	1 : 22040	1 : 17040	1 : 16088	1 : 92401	1 : 35120
1962-63	1 : 19225	1 : 14067	1 : 14100	1 : 91072	1 : 34986
1963-64	1 : 19261	1 : 12979	1 : 12512	1 : 93129	1 : 34479

Source: Worked out on the basis of the figures of Medical Personnel furnished by the Directorate of Health Services, Government of Kerala

Note: The population figures for the respective years were taken on the basis of the geometric rate of growth of population from 1951-61.

TABLE—11.5

Category-wise Medical Personnel—Population Ratio in Kerala by Districts 1961-62 and 1962-63

Districts	Medical Personnel—Population Ratio					
	Doctors		Nurses		Midwives	
	1961-62	1962-63	1961-62	1962-63	1961-62	1962-63
1	2	3	4	5	6	7
Trivandrum	1 : 7973	1 : 7748	1 : 4771	1 : 4390	1 : 12040	N.A.
Quilon	1 : 33233	1 : 27333	1 : 35607	1 : 21809	1 : 15457	N.A.
Alleppey	1 : 27507	1 : 20833	1 : 26710	1 : 20604	1 : 15888	N.A.
Kottayam	1 : 30707	1 : 31534	1 : 38717	1 : 32088	1 : 16191	N.A.
Ernakulam	1 : 19968	1 : 14433	1 : 13949	1 : 13431	1 : 11783	N.A.
Trichur	1 : 25538	1 : 21961	1 : 26774	1 : 21405	1 : 16275	N.A.
Palghat	1 : 20247	1 : 20506	1 : 17327	1 : 13722	1 : 13969	N.A.
Kozhikode	1 : 37775	1 : 32306	1 : 27091	1 : 16744	1 : 28232	N.A.
Cannanore	1 : 33815	1 : 25671	1 : 27667	1 : 25324	1 : 22000	N.A.
Kerala	1 : 22040	1 : 19225	1 : 17040	1 : 14067	1 : 16088	1 : 14100

Source: Worked out on the basis of the figures of Medical Personnel furnished by the Directorate of Health Services, Government of Kerala

Note: The population figures for the respective years were taken on the basis of the geometric rate of growth of population from 1951-61

TABLE—11.6

Availability of Medical Personnel in Kerala Rural and Urban 1960-61 to 1963-64

Year	Rural|Urban	Category of Medical personnel				
		Doctors	Nurses	Midwives	Health Inspectors	Compounders
1	2	3	4	5	6	7
1960-61	Rural	364	322	899	N.A.	N.A.
	Urban	294	650	115	N.A.	N.A.
	Total	658	972	1014	178	472
1961-62	Rural	426	207	954	N.A.	N.A.
	Urban	358	807	120	N.A.	N.A.
	Total	784	1014	1074	187	492
1962-63	Rural	464	323	1113	N.A.	N.A.
	Urban	455	933	140	N.A.	N.A.
	Total	919	1256	1253	194	505
1963-64	Rural	477	N.A.	N.A.	N.A.	N.A.
	Urban	461	N.A.	N.A.	N.A.	N.A.
Total		938	1392	1444	194	524

Source: Department of Health Services, Government of Kerala

TABLE—11.7

District-wise Number of Medical Personnel in Kerala 1961-62 and 1962-63

Districts	Category of Medical Personnel					
	Doctors		Nurses		Midwives	
	1961-62	1962-63	1961-62	1962-63	1961-62	1962-63
1	2	3	4	5	6	7
Trivandrum	225	238	376	420	149	N.A.
Quilon	60	75	56	94	129	N.A.
Alleppey	67	90	69	91	116	N.A.
Kottayam	58	58	46	57	110	N.A.
Ernakulam	95	134	136	144	161	N.A.
Palghat	89	89	104	133	129	N.A.
Trichur	65	77	62	79	102	N.A.
Kozhikode	71	85	99	164	95	N.A.
Cannanore	54	73	66	74	83	N.A.
Total	784	919	1014	1256	1074	N.A.

Source: Department of Health Services, Government of Kerala

N.A.
N.A.
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