

EDUCATION
IN
MAHARASHTRA

A STATISTICAL SURVEY
1955 - 56 to 1962 - 63

For official use only

April 1964
Vai shakha 1886

Directorate of Education
Maharashtra State
P o o n a - 1

F o r e w o r d

On formation of Maharashtra State on 1st May 1960, statistics regarding educational institutions etc., of the old Bombay State had to be split up separately for the existing 26 districts of Maharashtra State for the previous years. In view of this attempts were made to separate the data from the year 1955-56, which incidentally marked the beginning of the Second Five Year Plan, in order to have at hand, comparative and progressive figures showing the development in educational sector from year to year.

The idea of preparing this booklet was suggested by Shri J.P. Naik, Adviser (Primary Education), Ministry of Education, Govt. of India, under whose able guidance the original booklet was prepared, for which I am deeply grateful to him. This booklet intends to put forth comparative statistics from the year 1955-56 to 1962-63, of the educational institutions, enrolment in them, teachers employed and expenditure incurred on these institutions by various agencies. The emphasis has been stressed on Primary, Middle, Secondary ^{Schools} and Colleges of General Education, as it should be, while a passing review of other categories of institutions is also taken. It is hoped the booklet will meet the needs of comparative statistics, over a span of eight years, of those who are concerned with it.

E. R. Dhongde
Director of Education

April 1964
Vaisakha 1886

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A Statistical Survey (1955-56 to 1962-63)

I POPULATION :

The following table shows the growth of population in Maharashtra from 1901 to 1961 and also the estimated growth of its population till 1976 :

Table I : Population (1901-76)

Year	Total Population (in 000s)	Percentage to total population in India	Percentage of increase in the period
1901	1,93,92	8.24	-
1911	2,14,74	8.55	10.74
1921	2,08,50	8.33	-2.91
1931	2,39,59	8.62	14.91
1941	2,68,33	8.45	11.99
1951	3,20,02	8.89	19.27
1961	3,95,64	9.05	23.60

E S T I M A T E S

1966	4,43,33	9.02	12.08
1971	5,00,26	9.02	12.84
1976	5,63,84	9.02	12.71

2. Estimated Number of children in the different ages :

The following table shows the estimated number of children for the different ages for the years from 1961 to 1981.

Table II
Estimated number of Children

Age		1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
6	Boys	559794	577997	596355	614868	633536	652358	675491	696701	715988	733352
	Girls	538836	553107	567845	583053	598729	614873	635840	655099	672648	688489
7	Boys	541780	559048	576597	594429	612543	630939	652997	673648	692890	710723
	Girls	516022	531782	547743	563905	580270	596836	616391	634755	651926	667904
8	Boys	523982	540428	557258	574474	592074	610059	632000	651190	670329	688518
	Girls	494373	511243	528112	544979	561843	578706	597060	614666	631523	647631
9	Boys	506401	522137	538337	555000	572126	589716	609797	629328	648310	666737
	Girls	473889	491491	508951	526269	543446	560480	577845	594832	611440	627670
10	Boys	489470	504836	520671	536975	553748	570989	590283	609254	627902	646227
	Girls	456901	474099	491205	508218	525140	541970	558988	575758	592319	608639
11	Boys	471673	486217	501332	517019	533278	550108	568384	586796	605342	624022
	Girls	435251	453560	471573	489291	506713	523840	539646	555639	571910	588366
12	Boys	454526	468587	483249	498512	514377	530843	548275	566127	584398	603088
	Girls	417098	435381	453356	471021	488378	505425	520664	536344	552464	569025
13	Boys	438029	451945	466419	481452	497043	513192	529954	547247	565073	583430
	Girls	402440	419562	436551	453408	470133	486726	498480	517779	533974	550617
14	Boys	422183	436293	450845	465839	481276	497155	513417	530151	547557	565035
	Girls	391277	406101	421160	436453	451981	467743	483744	499978	516443	533141
15	Boys	405470	419322	433597	448296	463419	478965	494498	510769	527489	544949
	Girls	375454	389495	403882	418621	433706	449138	464994	481159	497637	514422
16	Boys	389407	403340	417605	432201	447130	462390	477367	492984	509239	526134
	Girls	363126	375248	388022	401447	415523	430250	446592	463104	479478	496635
17	Boys	373562	387689	402032	416590	431364	446354	456513	473010	489847	507023
	Girls	351964	361789	372631	384492	397370	411267	428307	445303	462254	479140

Table II

Table II - contd.
Estimated Number of Children

Age		1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
6	Boys	748792	755082	763063	772733	784095	797146	811887	828319	846441	866253	887755
	Girls	702621	708784	716368	725373	735799	747647	758954	772663	788774	807287	828203
7	Boys	727149	737895	749369	761570	774498	788153	802555	817645	833483	853601	867338
	Girls	682691	692692	703297	714507	726321	738740	751763	765392	779624	794461	809902
8	Boys	705756	720286	734743	749130	763441	777687	791858	805958	819986	833943	847827
	Girls	662991	676253	689430	702445	715590	728560	741454	754275	767023	779698	792299
9	Boys	684615	702254	719186	733180	750933	765747	779855	793256	805952	817914	829224
	Girls	643521	659423	674791	689510	703614	717107	729989	742258	753916	764962	775396
10	Boys	664228	682957	700837	717869	734053	749388	763875	777513	790304	802246	813339
	Girls	624739	637406	657780	673099	687384	701836	715054	727538	739280	750305	760588
11	Boys	642836	665348	686212	705429	722999	738922	753198	765826	776808	786142	793829
	Girls	605039	625185	643920	661214	677156	691656	704745	716422	726688	735443	742986
12	Boys	622198	646472	668794	689161	707375	724036	738543	751097	761677	771064	777038
	Girls	586028	609858	629136	646862	663036	677657	690965	702603	712588	720860	727480
13	Boys	602318	626832	648583	669066	687782	704731	719912	733326	744973	754853	762966
	Girls	567705	589164	609107	627534	644444	659839	673717	687080	696978	706256	714070
14	Boys	583184	604024	625575	645144	663620	681007	697306	712516	725837	736670	751614
	Girls	550071	569584	588153	605780	622463	638203	653000	666854	679765	691732	702157
15	Boys	563049	585207	606209	626328	645283	663175	680000	695759	710451	724076	736627
	Girls	531519	551399	570352	588380	605482	621658	636908	651232	664630	677102	688648
16	Boys	543668	564224	584227	602478	618278	640823	658718	675961	692652	708790	724377
	Girls	513655	532167	550187	567715	584751	601295	617347	632907	647975	662552	676696
17	Boys	524538	542817	561223	579755	598414	617199	636111	655150	674315	693606	713022
	Girls	496021	512584	529229	545900	562764	579613	596624	613676	630810	648026	665323

II - GENERAL EDUCATIONAL PROGRESS

Maharashtra is one of the educationally advanced States of India. This will be seen from its general educational progress which is given in the following Table :

Table ...

TABLE NO. III
GENERAL EDUCATIONAL PROGRESS

Year	Popula- tion	No. of Educa- tional Institu- tions	Total Enrolment in Educa- tional institutions of all types		
			For Boys	For Girls	Total
1955-56 :					
Social Edn	-	11176	208900	35291	244191
Others	-	30735	3289193	412371	3701564
Total	33925873	41911	3498093	447662	3945755
1956-57 :					
Social Edn	+	10311	166135	35660	201785
Others	-	31858	3562864	449090	4011954
Total	34664802	42169	3728999	484740	4213739
1957-58 :					
Social Edn	-	12119	169352	34057	203409
Others	-	32751	3736931	469667	4206598
Total	35300000	44870	3906283	503724	4410007
1958-59 :					
Social Edn	-	11169	152482	30231	182713
Others	-	34826	4081991	495766	4577757
Total	36007264	45995	4234473	525997	4760470
1959-60 :					
Social Edn	-	12454	196679	51348	248027
Others	-	37444	4358689	544171	4902860
Total	38103000	49098	4555368	595519	5150887
1960-61 :					
Social Edn	-	23658	266346	125928	392274
Others	-	38909	4783424	482422	5265846
Total	39504294	62567	5049770	608350	5658120
1961-62 :					
Social Edn	-	199998	662121	602003	1264124
Others	+	39867	5165917	522644	5688561
Total	40049225	239865	5828038	1124647	6952685
1962-63 :					
Social Edn	-	227872	606129	594624	1200753
Others	-	41838	5442908	546900	5989808
Total	40549838	269760	6049037	1141524	7190561

<u>All-India</u>					
1961-62	449754000	685938	37256264	16644758	53901022

TABLE NO. III
GENERAL EDUCATIONAL PROGRESS

Number of Teachers			Educational Expenditure from all sources	% of enrolment to population	Educational Expenditure per head of population
Men	Women	Total			
					Rs
1	-	1	560259	0.72	0.02
92796	23797	116593	241007095	10.91	7.10
92797	23797	116594	241567354	11.63	7.12
4	2	6	619578	0.58	0.02
100341	25162	125503	248595530	11.57	7.17
100345	25164	125509	249215108	12.15	7.19
2	2	4	609138	0.58	0.02
104738	27828	132566	284075960	11.92	8.05
104740	27830	132570	284685098	12.50	8.07
4	2	6	693617	0.51	0.02
111539	31047	142586	317101221	12.71	8.81
111543	31049	142592	317794838	13.22	8.83
3	2	5	867747	0.65	0.02
115624	33928	149582	407532921	12.87	10.70
115657	33930	149587	408400668	13.52	10.72
6	5	11	683636	0.99	0.02
124871	37357	162228	487765975	13.33	12.35
124877	37362	162239	488449611	14.32	12.37
3	7	10	450725	3.16	0.01
132804	40500	173304	529194696	14.20	13.21
132807	40507	173314	529645421	17.36	13.22
6	14	20	439311	2.96	0.01
139477	43944	183421	568277409	14.77	14.01
139483	43958	183441	568716720	17.73	14.02
1317894	326433	1644327	3919357907	11.98	8.71

It will be seen from the above table that the total number of educational institutions (other than those for Social Education) in the State has increased from 27,735 in 1955-56 to 41,888 in 1962-63. During the same period, the enrolment in these institutions has increased from 37.01 lakhs to 59.90 lakhs (or by 62 per cent). This implies an increase of enrolment from 10.91 per cent of the total population in 1955-56 to 14.77 per cent in 1962-63. The total educational expenditure on these institutions has increased from Rs 24.1 crores in 1955-56 to Rs 56.83 crores in 1962-63 (or by 136 per cent) which implies an increase from Rs 7.10 per head of population in 1955-56 to Rs 14.01 in 1962-63.

In so far as social education is concerned, a turning point is marked, with the organisation of the Gram Shiksha Mohim. The number of Social Education classes was 11,176 (with an enrolment of 2.44 lakhs) in 1955-56 and it increased only to 12,454 (with an enrolment of 2.48 lakhs) in 1959-60. In 1960-61 the number of Social Education classes rose to 23,658 with an enrolment of 3.92 lakhs and in 1961-62, when the movement reached full development, the number of Social Education classes increased to 199,998 with an enrolment of 12.64 lakhs. In 1962-63, however, the enrolment under Social Education classes suffered a slight set back from 12,64,000 in 1961-62, the enrolment in 1962-63 dropped down to 12,00,753 in spite of the increase in the number of institutions from 1,99,998 in 1961-62 to 2,27,872 in 1962-63. In keeping with the plan of the Mohim, however, the expenditure on the programme has not increased at all in spite of this large increase in the number of classes and enrolment. In fact, the total expenditure on Social Education has gone down from Rs 5.6 lakhs in 1955-56 to Rs 4.39 lakhs in 1962-63.

With ...

With regard to teachers, it may be observed that the total number of teachers has increased from 1,16,594 in 1955-56 to 1,83,441 in 1962-63, an increase of 57 per cent. The number of women teachers has increased even faster from 23,797 in 1955-56 to 43,958 in 1962-63 which implies an increase of 85 per cent. It would also be seen that the number of special teachers for Social Education is negligible as this work is done mostly by teachers of Primary Schools.

The relative position of Maharashtra among the other States will be seen from Table IV given below :

TABLE NO. IV
GENERAL EDUCATIONAL PROGRESS IN INDIA
(BY STATES)
1961-62

Name of the State	'Population' as on 31.3.1962 (estimated)	'Total Enrolment in ALL Edcl Institutions'	Total Expenditure on Education	% of Enrolment to Population	'Educational Expenditure per head of population
			Rs		Rs
Andhra Pradesh	36863000	4234893	264659139	11.49	7.18
Assam	12160000	1671822	103975576	13.75	8.55
Bihar	47592000	4789111	249522584	10.06	5.24
Gujarat	21134000	3245962	215852378	15.36	10.21
Kerala	17311000	3533677	218891985	20.41	12.64
Jammu & Kashmir	3653000	363917	29734915	9.95	8.14
Madhya Pradesh	33169000	2853659	248799041	8.60	7.50
Madras	34503000	4933068	336637563	14.30	11.21
MAHARASHTRA	40510000	6952685	529645421	<u>17.16</u>	<u>13.07</u>
Mysore	2,41,55,000	2892689 [@]	218281400	11.97	9.04
Orissa	17982000	1775232	74608857 [@]	9.87	4.15
Punjab	20801000	2731678	217717777	13.13	10.47
Rajasthan	20646000	1781110	147513543	8.63	7.14
Uttar Pradesh	75550000	6612104	449602747	8.75	5.95
West Bengal	35789000	4383295	380932140	12.25	10.64
ALL INDIA	449754000	53901022	3919357907	11.98	8.71

@ figures of 1960-61

The ...

The statistics given in the above table are for 1961-62 for all States except Mysore and Orissa whose statistics regarding enrolment and expenditure respectively have been taken for 1960-61. It will be seen, therefrom that, in so far as percentage of enrolment in educational institutions to total population is concerned, Maharashtra stands second (17.16 per cent) in the whole of India, the first State being Kerala (20.41 per cent). In so far as educational expenditure per head of population is concerned, Maharashtra stands first (Rs 13.07) in the whole of India, the second being Kerala (Rs 12.64).

IV LITERACY :

In 1951, the percentage of literacy in Maharashtra was 20.9 per cent (31.4 for men and 9.7 for women) as against 16.6 per cent for India as a whole (24.9 for men and 7.9 for women). Maharashtra then stood Fourth in India, the first three being Kerala (40.7 per cent), West Bengal (24.0 per cent), and Gujarat (23.1 per cent). Madras came just below Maharashtra with 20.8 per cent. In the 1961 Census Maharashtra has literacy percentage at 29.7 and still remains fourth, the first three being Kerala (46.2 per cent), Gujarat (30.3 per cent) and Madras (30.2). But for the addition of the Marathwada area, the progress of education in Maharashtra would have been faster.

TABLE NO. V
LITERACY PERCENTAGES (1961 Census)

<u>DISTRICTS</u>	<u>For Males</u>	<u>For Females</u>	<u>All Persons</u>
Greater Bombay	64.9	48.8	58.5
Thana	41.1	19.1	30.6
Kolaba	36.2	13.4	24.5
Ratnagiri	41.8	17.5	28.3
Nasik	39.2	13.6	26.8
Dhulia	36.9	12.2	24.8
Jalgaon	49.0	18.0	33.8

BOMBAY DIVISION	49.4	24.4	37.6

Ahmednagar	39.2	13.0	26.4
Poona	46.1	21.6	34.2
Satara	47.2	21.1	33.9
Sangli	41.6	13.5	27.9
Sholapur	36.7	12.5	25.0
Kolhapur	39.9	12.0	26.2

POONA DIVISION	41.9	16.0	29.2

Buldana	40.9	12.1	26.8
Akola	44.7	16.7	31.2
Amravati	45.8	20.5	33.6
Yeotmal	35.3	11.1	23.4
Wardha	43.3	16.9	30.3
Nagpur	47.9	21.0	35.0
Bhandara	40.2	8.2	24.2
Chanda	28.4	5.7	17.1

NAGPUR DIVISION	40.9	14.1	27.8

Aurangabad	28.4	6.5	17.7
Parbhani	25.0	5.1	15.2
Bhir	24.2	5.2	14.8
Nanded	24.6	5.1	15.0
Osmanabad	27.4	5.9	16.9

AURANGABAD DIVISION	26.2	5.7	16.1

MAHARASHTRA STATE	41.8	16.7	29.7

<u>INDIA</u>			
Gujarat	40.8	19.1	30.3
Kerala	54.2	38.4	46.2
Madras	43.0	17.3	30.2
A. & N. Islands	42.4	19.4	33.6
Delhi	58.9	41.1	51.0

ALL INDIA	33.9	12.8	23.7

V - EXPENDITURE ON EDUCATION :

The following table gives the total expenditure on elementary education in Maharashtra from 1955-56 to 1962-63 according to sources :

Table ...

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(Left)

TABLE NO. VA

SOURCEWISE EXPENDITURE (DIRECT+INDIRECT) ON EDUCATION
(1955-56 to 1962-63)

SOURCE	1955-56		1956-57		1957-58	
	Amount	% to total	Amount	% to total	Amount	% to total
I DIRECT EXPENDITURE						
Government	101146578	52.03	111089929	52.33	128295739	53.60
Dist. School Board	5097137	2.62	5253864	2.47	6571133	2.74
Municipal Schl Board	18373168	9.45	19309035	9.09	19406809	8.11
F e e s	54706649	28.14	60802101	28.64	67609908	28.24
Endowments	2174833	1.12	2536851	1.19	1776357	0.74
Other Sources	12900886	6.64	13342278	6.28	15726191	6.57
T O T A L	194399251	100.00	212339058	100.00	239386137	100.00
II INDIRECT EXPENDITURE						
Government	38291693	81.18	27281324	73.97	29459689	65.04
Dist. School Board	1018967	2.16	660458	1.79	1057361	2.33
Municipal School Board	1410461	2.99	1438331	3.90	4613394	10.18
F e e s	1703071	3.61	2392672	6.49	3110484	6.87
Endowments	1101835	2.34	1036476	2.81	715832	1.58
Other Sources	3642076	7.72	4071789	11.04	6342201	14.00
T O T A L	47168103	100.00	36876050	100.00	45298961	100.00
III TOTAL(D+ID) EXPENDITURE						
Government	139438271	57.73	138371253	55.52	157756428	55.41
Dist. School Board	6116104	2.53	5914322	2.37	7628494	2.68
Municipal Schl Board	19783629	8.19	20747366	8.33	24020203	8.44
F e e s	56409720	23.35	63194773	25.36	70720392	24.84
Endowments	3276668	1.35	3573327	1.43	2492189	0.88
Other Sources	16542962	6.85	17414067	6.99	22068392	7.75
T O T A L	241567354	100.00	249215108	100.00	284685098	100.00

TABLE NO. VA

SOURCEWISE EXPENDITURE (DIRECT+INDIRECT) ON EDUCATION
(1955-56 to 1962-63)

1958-59		1959-60		1960-61		1961-62		1962-63	
Amount	% to total	Amount	% to total	Amount	% to total	Amount	% to total	Amount	% to total
135901035	50.86	160510716	52.51	191571767	53.88	207328647	52.52	224743346	52.63
6979271	2.61	6639848	2.17	6832831	1.92	6067935	1.54	7092849	1.66
21565616	8.07	22522927	7.37	25612092	7.20	29912014	7.58	36212157	8.48
79974088	29.93	88641517	28.99	99824948	28.07	116543232	29.52	134296159	31.45
1626416	0.61	1752056	0.57	1717921	0.48	3143038	0.80	3962789	0.93
21157780	7.92	25665506	8.39	30059101	8.45	31728320	8.04	20700422	4.85
207204206	100.00	305732570	100.00	355618660	100.00	394723186	100.00	427007722	100.00
38035776	75.19	87100836	84.84	107735632	81.10	103545874	76.74	115460118	81.47
1216323	2.40	759360	0.74	1150331	0.87	2090875	1.55	605866	0.43
3642802	7.20	5024678	4.89	9813462	7.39	11733809	8.70	6704514	4.73
2403570	4.75	2638768	2.57	3444034	2.59	7699504	5.71	6376322	4.50
375761	0.74	908663	0.89	1551078	1.17	1123830	0.83	1526567	1.08
4916400	9.72	6235793	6.07	9136414	6.88	8728343	6.47	11035611	7.79
50590632	100.00	102668098	100.00	132830951	100.00	134922235	100.00	141708998	100.00
173936811	54.74	247611552	60.61	299307399	61.29	310874521	58.69	340203464	59.82
8195594	2.58	7399208	1.81	7983162	1.63	8158810	1.54	7698715	1.35
25208418	7.93	27547605	6.75	35425554	7.25	41645823	7.86	42916671	7.55
82377658	25.92	91280285	22.36	103268982	21.14	124242735	23.46	140672481	24.74
2002177	0.63	2660719	0.65	3268999	0.67	4266868	0.81	5489356	0.97
26074180	8.20	31901299	7.82	39195515	8.01	4045663	7.64	31736033	5.57
317794838	100.00	408400668	100.00	488449611	100.00	529645421	100.00	568716720	100.00

It will be seen from the above table that the total expenditure on education (direct and indirect) has increased from Rs 24.16 crores in 1955-56 to Rs 56.87 crores in 1962-63. This implies an average annual increase of 13 per cent. The rate of increase in expenditure on education in India as a whole is 11.42 per cent. It may be said, therefore, that the total expenditure on education is increasing more rapidly in Maharashtra than in India as a whole.

The educational expenditure from Government sources has increased by Rs 20.08 crores - from Rs 13.94 crores in 1955-56 to Rs 34.02 crores in 1962-63. This also implies an average rate of increase of 13.6 per cent.

The increase in fees comes next. These have increased from Rs 5.64 crores in 1955-56 to Rs 14.07 crores in 1962-63 which also implies an increase of 14 per cent per year.

The contribution of Municipalities is also increasing rapidly - by about 11.7 per cent per year - and has risen from Rs 1.98 crores in 1955-56 to Rs 4.29 crores in 1962-63.

On account of their inelastic resources, the contribution of the District School Boards shows the least increase - 3.4 per cent per year and has risen from Rs 61 lakhs in 1955-56 to Rs 77.0 lakhs in 1962-63.

It will also be seen that, from the point of view of sources, the most important source is that of government funds. It contributes about 59.82 per cent of the total expenditure at present. Then come fees which contribute 24.74 per cent of the total expenditure. Third in order come municipal funds which contribute 7.55 per cent of the total. On account of the scheme of E.B.C.

concessions ...

concessions, however, a large part of the fee income is really being paid by the State Government.

There is an important point of accounting which arises here. Under the E.B.C. concessions scheme, the fees of a very large number of students are paid by Government. The amount so paid enters into the accounts as 'fees' under direct expenditure. (It again enters under Government funds as direct expenditure.) This double accounting inflates the statistics. Care will have to be taken to see that this double accounting is eliminated. This problem needs attention.

The following table shows expenditure on education (according to objects) in Maharashtra from 1955-56 to 1962-63 :-

TABLE ...

TABLE NO. VB
TOTAL DIRECT AND INDIRECT EXPENDITURE BY CATEGORIES
(1955-56 to 1962-63)

Categories	1955-56		1956-57		1957-58	
	Expendi- ture	% to Total	Expendi- ture	% to Total	Expendi- ture	% to total
1. Universities & Research Instns	8342301	3.45	9903087	3.97	12129868	4.26
2. Boards of Secondary Education	1028804	0.43	2553561	1.02	3313165	1.16
3. Arts & Science Colleges	14613474	6.05	15292300	6.17	17233003	6.05
4. Professional Colleges	11492449	4.76	10799198	4.33	12111021	4.25
5. Special Colleges	278994	0.12	357873	0.14	624498	0.22
T o t a l	35756522	14.81	38906019	15.63	35411555	15.94
6. General Education						
i. High/Higher Sec	48458031	20.06	55072237	22.10	59272716	20.82
ii. Sr. Basic/Middle	20920204	8.66	22377783	8.98	24338386	8.55
iii. Jr. Basic/Primary	77890914	32.23	83446375	33.46	95071051	33.42
iv. Pre-Primary	886385	0.37	1002628	0.40	1007775	0.35
T o t a l	148155534	61.32	161899023	64.94	179639928	63.14
7. Professional Schools	8530308	3.53	9238924	3.71	11770324	4.13
8. Special Schools						
i. Social Edn	560259	0.23	619578	0.25	609138	0.21
ii. Other Special	1396628	0.58	1675514	0.67	1905292	0.67
9. Total Direct Expenditure	194399251	80.47	212339058	85.20	239386137	84.09
10. INDIRECT						
i. Direction & Inspection	3367977	1.39	3682512	1.48	4444766	1.56
ii. Buildings	13873155	5.74	13456519	5.41	15175826	5.33
iii. Scholarships & etc.	6130578	2.54	10397683	4.37	11567496	4.06
iv. Hostel charges	2623395	1.08	3329459	1.33	4267109	1.50
v. Miscellaneous	21172498	8.78	5509877	2.21	9843764	3.46
TOTAL INDIRECT	47168103	19.53	36876050	14.80	45298961	15.91
TOTAL (DIRECT + INDIRECT)	241567354	100.00	249215108	100.00	284685098	100.00

TABLE NO. VB
TOTAL DIRECT AND INDIRECT EXPENDITURE BY CATEGORIES
(1955-56 to 1962-63)

1958-59		1959-60		1960-61		1961-62		1962-63	
Expenditure	% to Total	Expenditure	% to Total	Expenditure	% to Total	Expenditure	% to Total	Expenditure	% to Total
12018922	3.78	14268685	3.49	15580043	3.19	18335236	3.46	13870517	3.32
3761707	1.18	4337384	1.07	3505068	0.72	4073214	0.77	4269836	0.75
19125991	6.02	21558544	5.28	24644047	5.05	28953106	5.47	34440743	6.06
14798237	4.66	18556802	4.54	24564108	5.03	27705007	5.23	32266397	5.67
838854	0.26	964816	0.24	1103158	0.23	1460134	0.28	1405487	0.25
50543711	15.90	59736231	14.62	69396424	14.22	80526697	15.21	91252980	16.05
70606913	22.23	83393012	20.43	96296144	19.71	110738414	20.90	125131778	22.00
69634239	21.91	75739049	18.54	93737212	19.19	101510397	19.16	106021651	18.64
57802357	18.18	64819739	15.87	69303077	14.19	75482796	14.25	76592736	13.47
1353040	0.42	1585927	0.39	1694955	0.35	1881768	0.36	1898015	0.33
199396549	62.74	225537727	55.23	261031388	53.44	289613375	54.67	309644180	54.44
14136949	4.45	16910615	4.14	21313538	4.36	20646115	3.90	22510223	3.96
693617	0.22	867747	0.21	683636	0.14	450725	0.09	439311	0.08
2433380	0.77	2680250	0.66	3193674	0.65	3486274	0.66	3161028	0.55
267204206	84.08	305732570	74.86	355618660	72.81	394723186	74.53	427007722	75.08
4725918	1.49	4937308	1.21	6215070	1.27	6454471	1.22	6944977	1.22
20874645	6.56	38203595	9.34	50128746	10.26	48755893	9.21	41507577	7.30
13310059	4.10	27077594	6.63	44758102	9.16	50460108	9.52	68749176	12.09
3164312	1.00	4023442	1.00	5988106	1.23	5577149	1.05	6084872	1.07
8515698	2.68	28426159	6.96	25740927	5.27	23674614	4.47	18422396	3.24
50590632	15.92	102668098	25.14	132830951	27.19	134922235	25.47	141708998	24.92
117794838	100.00	408400668	100.00	488449611	100.00	529645421	100.00	568716720	100.00

It will be seen from the above table that the expenditure on higher education has increased from Rs 3.58 crores in 1955-56 to Rs 9.13 crores in 1962-63. The proportion of expenditure on higher education to total, however, shows only a very slight variation - from 14.81 % in 1955-56 to 16.05 % in 1962-63. It may be said that the proportion of the total direct expenditure on higher education to total expenditure on education has remained almost unchanged at 15 %. Internally, however, it may be pointed out that the expenditure on Arts and Science colleges has remained constant proportionally from 6.05 % in 1955-56 to 6.06 % in 1962-63, while the expenditure on professional colleges has increased during the same period from 4.76 % in 1955-56 to 5.67 % in 1962-63.

The expenditure on secondary education has increased from Rs 4.84 crores in 1955-56 to Rs 12.51 crores in 1962-63. Its proportion to total expenditure has, however, remained fairly constant at 20.22 %.

The expenditure on elementary education (primary and middle) has increased from Rs 9.87 crores in 1955-56 to Rs 18.26 crores in 1962-63. In spite of this increase, its proportion to total expenditure has gone down from 40.89 % in 1955-56 to 32.11 % in 1962-63. The priority accorded to elementary education has, therefore, gone down as expenditure on other sectors has increased.

The expenditure on pre-primary education is small ; it has increased from Rs 8.9 lakhs in 1955-56 to Rs 19 lakhs in 1962-63. Its proportion to total expenditure has remained almost constant at 0.36 %.

The expenditure on professional schools has increased from Rs 85.3 lakhs in 1955-56 to Rs 225.1 lakhs in 1962-63. Its proportion to total expenditure has,

however ...

however, increased only from 3.53 % in 1955-56 to 3.96 % in 1962-63.

Among the items of indirect expenditure, the most conspicuous rise is seen under two heads :

(1) Buildings (2) Scholarships. The total expenditure on buildings has increased from Rs 1.39 crores (5.74 % of the total expenditure) in 1955-56 to Rs 4.15 crores (or 7.30 %) in 1962-63. The total expenditure on scholarships shows an even greater increase it has risen from Rs 61.3 lakhs (or 2.54 % of the total expenditure) in 1955-56 to Rs 6.87 crores (or 12.09 % of the total expenditure) in 1962-63. It may be said on the whole, that the major increases during the last six years have taken place under buildings and scholarships and that the major decreases have taken place under elementary education and miscellaneous (from 8.78 % in 1955-56 to 3.24 % in 1962-63).

VI ELEMENTARY SCHOOLS :

The following table gives the number of elementary schools in Maharashtra State from 1955-56 to 1962-63

TABLE NO. VI
NUMBER OF ELEMENTARY SCHOOLS

YEAR	No. of Primary Schools	No. of Middle Schools	No. of elementary Schools	No. of Single-Teacher Schools	% of Single-Teacher Schools
1955-56	26622	2119	28741	13423	46.70
1956-57	27177	2392	29569	12860	43.49
1957-58	27730	2573	30303	13078	43.16
1958-59	23489	8151	31640	13862	43.81
1959-60	24213	8782	32995	14680	44.49
1960-61	25418	9446	34864	15554	44.61
1961-62	25516	10069	35585	15793	44.38
1962-63	26646	10652	37298	16684	44.73

It will be seen from the above table that the

total ...

total number of elementary schools in Maharashtra has increased from 28,741 in 1955-56 to 37,298 in 1962-63. About 1100 additional schools are opened every year.

The table also shows that the total number of single-teacher schools in the State has increased from 13,423 in 1955-56 to 16,684 in 1962-63. However, the proportion of single-teacher schools to the total has declined from 46.70 % in 1955-56 to 44.73 % in 1962-63.

The main point to be noted in this context is that as many villages as possible should have schooling facilities. The latest position in Maharashtra is that, in 1962-63 only 3,997 habitations did not have any educational facilities, either in them or within easy distance from them. Of these, 12 habitations had a population between 599 and 500, 305 had a population between 499 and 200, and 3,680 had a population of less than 200. We may, for all practical purposes, ignore these very small habitations with a population of less than 200, their total population is less than 5 lakhs or 1.3 per cent of the total population of the State. Steps will, however, have to be taken to provide the remaining 317 habitations with schools in the near future. This is a small matter ; and it may be assumed that Maharashtra has been able almost to fulfil the first target in universal education, viz., the provision of schooling facilities within easy walking distance from the home of every child.

VII ENROLMENT AT THE PRIMARY STAGE

Classes I-IV form the primary stage in Maharashtra. The following table gives the enrolment in classes I-IV in Maharashtra from 1955-56 to 1962-63 :

TABLE

(Left)

TABLE NO. VII
ENROLMENT AND ITS % INCREASE OVER PREVIOUS YEAR
(1955-56 to 1962-63)

YEAR	ENROLMENT IN					
	I	II	III	IV	TOTAL	
1955-56	Boys Girls Total	734280 468465 1202745	424302 199217 623519	331211 140854 472065	278292 102701 380993	1768085 911237 2679322
1956-57	Boys Girls Total	714832 494991 1209823	476660 237364 714024	364872 157350 522222	292440 113915 406355	1848804 1003620 2852424
1957-58	Boys Girls Total	724456 513602 1238058	467645 252697 720342	382665 178564 561229	312136 127185 439321	1886902 1072048 2958950
1958-59	Boys Girls Total	816026 575603 1391629	471056 262200 733256	393908 193547 587455	340333 145447 485780	2021323 1176797 3198120
1959-60	Boys Girls Total	837291 592595 1429886	504176 290544 794720	404000 205437 609437	352847 160144 512991	2098314 1248720 3347034
1960-61	Boys Girls Total	864180 624953 1489133	534090 309136 843226	436395 226573 662968	365080 172721 537801	2199745 1333383 3533128
1961-62	Boys Girls Total	921236 664718 1585954	550546 325176 875722	464121 244556 708677	401659 194979 596638	2337562 1429429 3766991
1962-63	Boys Girls Total	912985 649886 1562871	585981 346480 932461	474396 256408 730804	428173 212101 640274	2401535 1464875 3866410
Over-all Increase between 1955-56 and 1962-63	Boys Girls Total	178705 181421 360126	161679 147263 308942	143185 115554 258739	149881 109400 259281	633450 553638 1187088

TABLE NO. VII
ENROLMENT AND ITS % INCREASE OVER PREVIOUS YEAR
(1955-56 to 1962-63)

% INCREASE OVER PREVIOUS YEAR					REMARKS
I	II	III	IV	TOTAL	
-2.65	12.34	10.16	5.08	4.57	Lesser enrolment of boys in Std. I
5.66	19.15	11.71	10.92	10.14	
0.59	14.52	10.63	6.66	6.47	
1.35	-1.89	4.88	6.74	2.07	- do - in Std. II
3.76	6.46	13.48	11.65	6.82	
2.33	0.88	7.47	8.11	3.73	
12.64	0.73	2.94	9.03	7.12	
12.07	3.76	8.39	14.36	9.78	
12.40	1.79	4.67	10.58	8.08	
2.61	7.03	2.56	3.68	3.81	
2.95	10.81	6.14	10.10	6.11	
2.75	8.38	3.74	5.60	4.66	
3.21	5.93	8.01	3.47	4.83	
5.46	6.40	10.21	7.85	6.78	
4.14	6.10	8.78	4.84	5.56	
6.60	3.08	6.35	10.02	6.27	
6.36	5.19	7.94	12.88	7.20	
6.50	3.85	6.89	10.94	6.62	
-0.90	6.44	2.21	6.60	2.74	
-2.23	6.52	4.85	8.78	2.48	
-1.46	6.48	3.12	7.31	2.64	
Percentage Increase (Average) Per Annum					
3.1	4.7	5.3	6.4	4.5	
4.8	8.2	8.9	10.9	7.0	
3.9	5.9	6.4	7.6	5.4	

It will be seen from the above table that increase of enrolment has been fairly fast in Maharashtra. Taking this period of six years as a whole, the total enrolment at the primary stage has increased at an average rate of 5.4 per cent per annum. The rate of increase of enrolment at the primary stage in India as a whole is 6.2 per cent. The rate of increase of enrolment in Maharashtra State, therefore, is less than that for the country. This is as it should be. As the saturation point is being reached, the rate of expansion slows down and is ultimately stabilized at about 2 per cent which is the normal increase in population. The all-India increase is greater because the backward States are expanding primary education at a much faster rate. Rajasthan, for instance, is expanding its primary education at 15 per cent per year.

Another interesting point comes out from the above table. It will be seen that the rate of increase is the least in Class I where fresh children are admitted. It increases progressively from classes I-IV where it reaches 7.7 per cent per annum. This as it should be. It shows that wastage is declining and that the tendency to stay in the school for a longer period is continually on the increase.

What is the relationship between the enrolment in Classes I-IV and the corresponding age-group 6-10 ? The answer to this question is given in the following table :

Table ...

TABLE NO. VIII
ENROLMENT PERCENTAGES (BY STANDARD GROUPS)

YEAR	Total Enrolment in Stds. I-IV			Total Children Population (in lakhs) in Age-Group 6-10			Enrolment Percentage to respective population		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1955-56	1768085	911237	2679322	19.24	18.12	37.36	91.9	50.3	71.7
1956-57	1848804	1003620	2852424	19.64	18.50	38.14	94.1	54.2	74.8
1957-58	1886902	1072048	2958950	20.06	18.89	38.95	94.1	56.8	76.0
1958-59	2021323	1176797	3198120	20.48	19.28	39.76	98.7	61.0	80.4
1959-60	2098314	1248720	3347034	20.91	19.69	40.60	100.3	63.4	82.4
1960-61	2199745	1333383	3533128	21.46	20.09	41.55	102.5	66.4	85.0
1961-62	2337562	1429429	3766991	22.08	20.67	42.75	105.9	69.2	88.1
1962-63	2401535	1464875	3866410	@22.68	21.53	44.21	105.9	68.0	87.5

@ Estimated on the basis of 1961 Census

It will be seen from the above that, in 1955-56, the percentage of enrolment of boys was 91.9 and that of girls 50.3 - giving an overall percentage of enrolment of 71.7. In 1962-63, the percentage of enrolment for boys has increased to 105.9 (the target of enrolment is 130 per cent because about 30 per cent of the children reading in classes I-IV are either below 6 or above 10 years of age). In the case of girls, the percentage of enrolment has increased to 68.0 and the overall percentage has increased to 87.5.

What is the relative position of Maharashtra in this respect vis-a-vis the other States of the Indian Union ? This will be seen in the following table :

Table ...

TABLE NO. IX
ENROLMENT PERCENTAGES (STD. GROUPS) IN AGE-GROUP 6-11
(1961-62)

State	Child Population in the Age-Group 6-11 (in lakhs)			Enrolment in Standards I-V			Enrolment percentage to respective Age-group 6-11		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Andhra Pradesh	23.83	23.06	46.89	2040347	1361318	3401665	85.6	59.0	72.5
Assam	9.03	8.23	17.26	761401	459573	1220974	84.3	55.8	70.7
Bihar	30.63	29.14	59.77	2598355	809220	3407575	84.8	27.8	57.0
Gujarat	14.32	13.45	27.77	@ 1450166	832674	2282840	101.3	61.9	82.2
Jammu & Kashmir	2.70	2.39	5.09	182465	52041	234506	67.6	21.8	46.1
Kerala	11.05	10.95	22.00	@ 1325000	1160194	2485194	119.9	106.9	113.0
Madhya Pradesh	22.15	20.45	42.60	1703786	518037	2221823	76.9	25.3	52.2
Madras	21.67	20.85	42.52	2249389	1469079	3717468	103.8	70.5	87.9
MAHARASHTRA	27.04	25.62	52.66	2654290	1559588	4213878	98.2	60.9	80.0
Mysore (1960-61)	15.51	15.48	30.99	1360639	807203	2167842	87.7	52.1	70.0
Orissa	11.64	11.14	22.78	1007666	458660	1466326	86.6	41.2	64.4
Punjab	14.50	12.83	27.33	1254111	696231	1950342	86.5	54.3	71.4
Rajasthan	14.37	13.03	27.40	1012069	242367	1254436	70.4	18.6	45.8
Uttar Pradesh	50.99	46.04	97.03	3731571	1158333	4889904	73.2	25.1	50.4
West Bengal	22.29	21.18	43.47	@ 2033006	1101319	3134325	91.2	52.0	72.1
ALL INDIA	297.87	279.21	577.08	25833965	12949975	38783940	86.7	46.4	67.2

@ Estimated break-up for boys and girls

One point must be mentioned. The statistics in this table relate, not to classes I-IV (which is the primary stage in Maharashtra) but to the enrolment in classes I-V. This has been done for the purpose of comparison only.

It will be seen from the above table that the most advanced State is Kerala and the second and third States are Madras and Gujarat respectively. Maharashtra stands fourth with an enrolment of 80 per cent.

VIII ENROLMENT AT THE MIDDLE SCHOOL STAGE :

Classes V-VII form the middle school stage in Maharashtra. The enrolment at this stage from 1955-56 to 1962-63 is shown in the following table :

Table ...

TABLE X
ENROLMENT AND ITS % INCREASE OVER PREVIOUS YEAR
(1955-56 to 1962-63)

YEAR	E N R O L M E N T				TOTAL
	V	VI	VII		
1955-56	Boys	189200	141157	119947	450304
	Girls	60113	42666	35026	137805
	Total	249313	183823	154973	588109
1956-57	Boys	211967	159735	133574	505276
	Girls	70681	50859	40679	162219
	Total	282648	210594	174253	667495
1957-58	Boys	221856	172296	140782	534934
	Girls	78152	57809	44992	180953
	Total	300008	230105	185774	715877
1958-59	Boys	244120	185403	155451	584974
	Girls	87335	65398	52850	205583
	Total	331455	250801	208301	790557
1959-60	Boys	275756	202477	166527	644760
	Girls	104440	72984	59391	236815
	Total	380196	275461	225918	881575
1960-61	Boys	297121	227749	179324	704194
	Girls	118396	86278	64280	268954
	Total	415517	314027	243604	972148
1961-62	Boys	316728	253587	200608	770923
	Girls	130159	97572	74736	302467
	Total	446887	351159	275344	1073390
1962-63	Boys	345791	273041	221186	840018
	Girls	146914	108409	84638	339961
	Total	492705	381450	305824	1179979
Over- all Increase between 1955-56 and 1962-63	Boys	156591	131884	101239	389714
	Girls	86801	65743	49612	202156
	Total	243392	197627	150851	591870

TABLE X
ENROLMENT AND ITS % INCREASE OVER PREVIOUS YEAR
(1955-56 to 1962-63)

PERCENTAGE INCREASE OVER PREVIOUS YEAR				REMARKS
V	VI	VII	TOTAL	
12.03	13.16	11.36	12.21	
17.58	19.20	16.14	17.72	
13.37	14.56	12.44	13.50	
4.67	7.86	5.39	5.87	
10.57	13.67	10.60	11.55	
6.14	9.26	6.61	7.25	
10.03	7.61	10.42	9.35	
11.75	13.13	17.47	13.61	
10.48	8.90	12.13	10.43	
12.96	9.20	7.13	10.22	
19.58	11.60	12.38	15.19	
14.71	9.83	8.45	11.51	
7.75	12.48	7.68	9.22	
13.36	18.21	8.23	13.57	
9.20	14.00	7.82	10.39	
6.60	11.34	11.86	9.48	
9.94	13.09	16.27	12.46	
7.54	11.82	13.03	10.30	
9.18	7.68	10.26	8.96	
12.87	11.10	13.25	12.40	
10.25	8.63	11.07	9.93	
<u>ITS % PER ANNUM</u>				
9.0	9.8	9.8	9.3	
13.6	14.2	13.4	13.8	
10.3	11.0	10.3	10.5	

It will be seen from the above table that the increase in enrolment at the middle school stage is even faster than the increase at the primary stage. This is as it should be. It shows that wastage is declining and that the tendency to stay in the schools longer is continually on the increase. It will also be seen that the overall increase at this stage is 10.5 per cent per annum and the rate of increase in each class is almost the same.

Another interesting feature is that the rate of increase in the enrolment of girls is much greater than that among the boys. This is also a welcome sign. It shows that the gap in the education of boys and girls is narrowing every year.

The following table shows the enrolment at the middle school stage (Classes V-VII) as compared to the total population of the corresponding age-group 10-13 :

TABLE ...

TABLE NO. XI
ENROLMENT PERCENTAGE (BY STD.-GROUPS)

YEAR	Total Enrolment in Stds. V-VII			Total Child Population (in lakhs) in Age-Group 11-13			Enrolment Percentage to res- pective population		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1955-56	450304	137805	588109	12.68	11.94	24.62	35.5	11.5	23.9
1956-57	505276	162219	667495	12.96	12.19	25.15	39.0	13.3	26.5
1957-58	534934	180953	715887	13.24	12.44	25.68	40.4	14.5	27.9
1958-59	584974	205583	790557	13.53	12.71	26.24	43.2	16.2	30.1
1959-60	644760	236815	881575	13.83	12.97	26.80	46.6	18.3	32.9
1960-61	704194	268954	973148	14.08	13.24	27.32	50.0	20.3	35.6
1961-62	770923	302467	1073390	14.63	13.72	28.35	52.7	22.0	37.9
1962-63	840018	339961	1179979	@ 15.05	14.16	29.21	55.8	24.0	40.4

@ Estimated on the basis of 1961 Census

It will be seen from the above table that the total enrolment at the middle school stage in Maharashtra has increased from 23.9 per cent of the age-group 10-13 in 1955-56 to 40.4 per cent of the age-group in 1962-63. The enrolment of boys has increased, during the same period, from 35.5 per cent to 55.8 per cent, and that of girls from 11.5 per cent to 24.0 per cent.

Where does Maharashtra stand in this respect vis-a-vis the other States? The answer will be found in the following table :

TABLE ...

TABLE NO. XII
ENROLMENT PERCENTAGES (STD. GROUPS) IN AGE-GROUP 11-14
(1961-62)

STATES	Child Population in the Age-Group 11-14(in lakhs)			Enrolment in Stds. VI-VIII in all Schools			Enrolment Percentage to respective Age-Group (11-14)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Andhra Pradesh	11.74	11.63	23.37	355247	107384	462631	30.3	9.2	19.8
Assam	3.91	3.64	7.55	169226	67183	236409	43.3	18.4	31.3
Bihar	14.66	14.42	29.08	@ 503294	58037	561331	34.3	4.0	19.3
Gujarat	6.97	6.62	13.59	@ 306238	119092	425330	43.9	18.0	31.3
Jammu & Kashmir	1.31	1.17	2.48	52170	16466	68636	39.8	14.1	27.7
Kerala	5.43	5.70	11.13	@ 452647	321769	774416	83.4	56.5	69.6
Madhya Pradesh	10.58	9.88	20.46	301693	64548	366241	20.5	6.5	17.9
Madras	10.85	10.85	21.70	527975	233562	761537	48.7	21.5	35.1
MAHARASHTRA	13.23	12.55	25.78	616925	223411	840336	46.7	17.8	32.6
Mysore (1960-61)	7.66	7.60	15.26	262566	100910	363476	34.3	13.3	23.8
Orissa	5.61	5.39	11.00	111028	15497	126525	19.8	2.9	11.5
Punjab	7.08	6.46	13.54	377013	104853	481866	53.2	16.2	35.6
Rajasthan	7.03	6.32	13.35	206588	33798	240386	29.4	5.3	18.0
Uttar Pradesh	24.27	22.10	46.37	797304	139407	936711	32.9	6.3	20.2
West Bengal	11.71	11.14	22.85	@ 425572	147975	573547	36.3	13.3	25.1
ALL INDIA	144.69	137.90	282.59	5641722	1790397	7432119	39.0	13.0	26.3

@ Break-up of boys and girls is estimated.

It will be seen from the above table that, at the middle school stage also, Kerala stands first. The second place goes to Punjab with an enrolment of 35.6 per cent. Madras comes third with an enrolment of 35.1 per cent and Maharashtra stands fourth with an enrolment of 32.6 per cent.

This is a point which has to be looked into. In spite of the fact that Maharashtra stands fourth in India in so far as the enrolment percentages at the primary stage (classes I-V) as well as enrolment percentage at the middle school stage (VI-VIII), the implication is that the wastage in Maharashtra is greater than in the States of Punjab, Madras or Kerala. Here is a problem which Maharashtra may examine with advantage.

IX ENROLMENT BY AGE-GROUPS :

Under Article 45 of the Constitution, the goal is to provide free and compulsory education to all children up to the age of 14. In Maharashtra, the elementary course is spread over seven years and the target is to provide universal education in the age-group 6-13. The progress made in this regard is shown in the following table :

TABLE : ...

TABLE NO. XIII
ENROLMENT PERCENTAGES BY AGE-GROUPS (6-7 to 12-13)

Age-Group	Total Population (in lakhs)			Enrolment of the Age-Group			% of Enrolment to Age-Group			
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	
<u>1955-56</u>										
6 - 7	4.81	4.53	9.34	178853	103352	282205	37.2	22.8	30.2	
7 - 8	4.81	4.53	9.34	300734	162510	463244	62.5	35.9	49.6	
8 - 9	4.81	4.53	9.34	310279	181603	491882	64.5	40.1	52.7	
9 - 10	4.81	4.53	9.34	303917	160437	464354	63.2	35.4	49.7	
10 - 11	4.23	3.98	8.21	277574	140890	418464	65.6	35.4	50.9	
11 - 12	4.23	3.98	8.21	234940	111446	346386	55.5	28.0	42.2	
12 - 13	4.22	3.98	8.20	198541	75668	274209	47.0	19.0	33.4	
Total	6 - 13	31.92	30.06	61.98	1804838	935906	2740744	56.5	31.1	44.2
<u>1962-63</u>										
6 - 7	5.96	5.68	11.64	281171	178253	459424	47.2	31.4	39.5	
7 - 8	5.76	5.48	11.24	419974	265441	685415	72.9	48.4	61.0	
8 - 9	5.57	5.28	10.85	447529	289917	737446	80.3	54.9	68.0	
9 - 10	5.38	5.09	10.47	429927	272940	702867	79.9	53.6	67.1	
10 - 11	5.21	4.91	10.12	416304	249239	665543	80.0	50.8	65.8	
11 - 12	5.01	4.72	9.73	350219	186870	537089	69.9	39.6	55.2	
12 - 13	4.83	4.53	9.36	323663	155948	479611	67.0	34.4	51.2	
Total	6 - 13	37.72	35.69	73.41	2668787	1598608	4267395	70.8	44.8	58.1

The table shows the enrolment of children in the age-group 6-13 in 1955-56 and 1962-63. It will be seen therefrom that the lowest enrolment is in the age-group 6-7. It was 30.2 per cent in 1955-56 and has increased only to 39.5 in 1962-63. This is because the age of compulsion in Maharashtra is seven and the attendance in the age-group 6-7 is still on voluntary basis. In the compulsory age groups i.e., 7-8, 8-9, 9-10 and 10-11, the enrolment is good and also shows satisfactory progress. In 1962-63, more than 60 % of the children in this age-group have been enrolled in schools. After 11, the enrolment begins to drop, especially because there is no compulsion. Another interesting fact which can be seen is that, in the compulsory age-group, the gap between the enrolment of boys and girls is a little narrower.

There is another method in which enrolment by age-groups is considered. Here the total enrolment in classes I-VII is compared to the total population in the age-group 6-13. Under an ideal system of education, the target of enrolment in this method would be 100 per cent and it would include only children in the age-group 6-13 and no other. This, of course, never happens in practice. In the first stage of expansion of the type we have in India at present, it is considered adequate if about 85 per cent of the children in the age-group 6-13 are enrolled in these classes. In addition, about 25 per cent of the children of other age-groups are also found to be reading in them. The target to be reached, for the purposes of this method, therefore, is taken at 110 per cent.

On the basis of this method, the progress made in Maharashtra is shown in the following table :

TABLE ...

TABLE NO. XIV
ENROLMENT PERCENTAGES (STANDARDS I-VII)

YEAR	<u>Total Enrolment in Classes I-VII</u>			<u>Total Population in the Age-Group 6-13 (in lakhs)</u>			<u>Enrolment Percentage to respective Population</u>		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1955-56	2218389	1049042	3267431	31.92	30.06	61.98	69.5	34.9	52.7
1956-57	2354080	1165839	3519919	32.60	30.69	63.29	72.2	38.0	55.6
1957-58	2421836	1253001	3674837	33.30	31.33	64.63	72.7	40.0	56.9
1958-59	2606297	1382380	3988677	34.01	31.99	66.00	76.6	43.2	60.4
1959-60	2743074	1485535	4228609	34.74	32.66	67.40	79.0	45.5	62.7
1960-61	2903939	1602337	4506276	35.54	33.33	68.87	81.7	48.1	65.4
1961-62	3108485	1731896	4840381	36.71	34.39	71.10	84.7	50.4	68.1
1962-63	3241553	1804836	5046389	@ 37.73	35.69	73.42	85.9	50.6	68.7

@ Estimated on the basis of 1961 Census

It will be seen from the above table that the enrolment in classes I-VII was only 52.7 per cent of the total population in the age-group 6-13 in 1955-56 (boys 69.5 per cent and girls 34.9 per cent). In 1962-63, the total enrolment in classes I-VII increased to 68.7 per cent of the total population in the age-group 6-13 (boys 85.9 per cent and girls 50.6 per cent).

How does this enrolment compare with the all-India picture? This is shown in the following table:-

TABLE ...

TABLE NO. XV
ENROLMENT PERCENTAGES IN STANDARDS I-VIII
(1961-62)

STATES	Child Population in the Age-Group 6-14 (in lakhs)			Enrolment in Standards I-VIII			Enrolment Percentage to the respective age-group (6-14)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Andhra Pradesh	35.57	34.69	70.26	2395594	1468702	3864296	67.3	42.3	55.0
Assam	12.94	11.87	24.81	930627	526756	1457383	71.9	44.4	58.7
Bihar	45.29	43.56	88.85	3101649	867257	3968906	68.5	19.9	44.7
Gujarat	21.29	20.07	41.36	1756404	951766	2708170	82.5	47.4	65.5
Jammu & Kashmir	4.01	3.56	7.57	234635	68507	303142	58.5	19.2	40.0
Kerala	16.48	16.65	33.13	1777647	1481963	3259610	107.9	89.0	98.4
Madhya Pradesh	32.73	30.33	63.06	2005479	582585	2588064	61.3	19.2	41.0
Madras	32.52	31.70	64.22	2777364	1702641	4480005	85.4	53.7	69.8
MAHARASHTRA	40.27	38.17	78.44	3271215	1782999	5054214	81.2	46.7	64.4
Mysore (1960-61)	23.17	23.08	46.25	1623205	908113	2531318	70.0	39.3	54.7
Orissa	17.25	16.53	33.78	1118694	474157	1592851	64.8	28.7	47.2
Punjab	21.58	19.29	40.87	1631124	801084	2432208	75.6	41.5	59.5
Rajasthan	21.40	19.35	40.75	1218657	276165	1494822	56.9	14.3	36.7
Uttar Pradesh	75.26	68.14	143.40	4528875	1297740	5826615	60.2	19.0	40.6
West Bengal	34.00	32.32	66.32	2458578	1249294	3707872	72.3	38.7	55.9
ALL INDIA	442.56	417.11	859.67	31475687	14740372	46216059	71.1	35.3	53.8

For purposes of comparison, the enrolment considered here is that in classes I-VIII and not in Classes I-VII as in the preceding table. It will be seen that Maharashtra stands fourth in India with an enrolment of 64.4 per cent. The first State is Kerala with an enrolment of 98.4 per cent, the second is Madras, with 69.8 per cent enrolment and the third is Gujarat with an enrolment of 65.5 per cent.

X PUPIL-TEACHER RATIO :

Table XVI given below show the pupil-teacher ratio of primary, middle and elementary schools in Maharashtra from 1955-56 to 1962-63. Table XVII gives the pupil-teacher ratios in primary, middle and elementary schools in all the States of India in 1961-62 for purposes of comparison.

TABLE NO. XVI
PUPIL-TEACHER RATIO (1955-56 to 1962-63)

YEAR	Primary			Middle			Elementary		
	Enrolment	No. of teachers	Pupils per teacher	Enrolment	No. of teachers	Pupils per teacher	Enrolment	No. of teachers	Pupils per teacher
1955-56	2515358	72475	35	617254	18263	34	3132612	9073	35
1956-57	2660586	75222	35	696171	20795	33	3356757	96017	35
1957-58	2752497	79078	35	746716	22131	34	3499213	101209	35
1958-59	1657892	54068	31	2084847	50333	41	3742739	104401	36
1959-60	1702064	47993	35	2245667	59762	38	3947731	107755	37
1960-61	1780929	50371	35	2436775	64239	38	4217704	114610	37
1961-62	1865595	51838	36	2646299	68196	39	4511894	120034	38
1962-63	1936165	53737	36	2742107	71736	38	4678272	125473	37

TABLE NO. XVII
PUPIL-TEACHER RATIO (1961-62)

	Primary			Middle			Elementary		
	Enrolment	Teachers	Pupil teacher ratio	Enrolment	Teachers	Pupil teacher ratio	Enrolment	Teachers	Pupil teacher ratio
Andhra Pradesh	3064409	77002	40	378247	14060	27	3442656	91062	38
Assam	1136317	27980	41	215051	9642	22	1351368	37622	36
Bihar	2854805	63998	45	902806	26891	34	3757611	90889	41
Gujarat	785801	20771	36	1738227	41636	42	2524028	62407	40
Jammu & Kashmir	158049	4606	34	94424	3147@	30	252473	7753	33
Kerala	1841079	49405	37	841496	31250	27	2682575	80655	33
Madhya Pradesh	1840190	60499	30	561171	24996	22	2401361	85495	28
Madras	2614257	75978	34	1399653	45178	31	4013910	121156	33
MAHARASHTRA	1865595	51838	36	2646299	68196	39	4511894	120034	38
Mysore (1960-61)	1275916	38191	33	1170276	34378	34	2446192	72569	34
Orissa	1407620	40277	35	123960	6236	20	1531580	46513	33
Punjab	1376383	30240	46	434448	12291	35	1810831	42531	43
Rajasthan	977616	30964	32	369209	15031	25	1346825	45995	29
Uttar Pradesh	4752508	112694	42	603277	24695	24	5355785	137389	39
West Bengal	2843302	89769	32	249787	11675	21	3093089	101444	30
ALL INDIA	29344795	795324	37	11908239	381950	31	41253034	1177274	35

@ Estimated

It will be seen from the above tables that the pupil-teacher ratio at the primary stage in Maharashtra has remained fairly constant at 35-36, the all-India average being 37. It is higher in the States of Andhra Pradesh (41), Assam (41), Bihar (45), Punjab (46) and Uttar Pradesh (42), Maharashtra has adopted the shift system in classes I and II in theory. It is not, however, effective in increasing the pupil-teacher ratio. If this system is properly enforced, the pupil-teacher ratio should rise at least to 45, if not to 50.

At the middle school stage, the pupil teacher ratio in Maharashtra (39) is fairly high and much higher than in India as a whole and has varied from 33 to 41. The average pupil-teacher ratio at the middle school stage for India as a whole is only 31. It will also be seen from Table No. XVII that the pupil-teacher ratios are the highest in Maharashtra and Gujarat.

Taking the elementary stage as a whole, the average pupil-teacher ratio for all-India is 35 while that in Maharashtra is 38. The over-all pupil-teacher ratio is higher in Bihar (41), Gujarat (40), Punjab (43), Uttar Pradesh (39) and equal in Andhra Pradesh (38).

The following table shows the number and enrolment in the single-teacher schools in Maharashtra State :

TABLE ...

TABLE NO. XVIII
SINGLE TEACHER SCHOOLS

Year	No. of Single Teacher Schools			Enrolment in schools for			Enrolment per teacher		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1955-56	13310	113	13423	466824	4737	471561	35	42	35
1956-57	12738	122	12860	457686	5812	462868	36	42	36
1957-58	12969	109	12078	469799	4410	473939	36	38	36
1958-59	13746	116	13862	508663	4438	513101	37	38	37
1959-60	14523	157	14680	532566	6260	538826	37	40	37
1960-61	15484	69	15553	568556	3017	571573	37	44	37
1961-62	15005	76	15081	564254	3337	567591	38	44	38
1962-63	16604	71	16675	604738	2977	607715	36	42	36

There is a general opinion that the over-all pupil-teacher ratio falls down because of single-teacher schools which are poorly attended. This is not so. In Maharashtra, the average pupil-teacher ratio in the single teacher schools is 36 and this is nearly equal to the State average for all elementary schools and equal to that in Primary Schools. The same position obtains in the other States also. It would, therefore, not be correct to assume, as is often done, that single-teacher schools lead to a lowering of the pupil-teacher ratio.

XI TEACHERS : GENERAL EDUCATION

The following table gives the statistics of teachers in primary, middle and elementary schools according to their qualifications from 1955-56 to 1962-63.

TABLE ...

TABLE NO. XIX
TEACHERS IN ELEMENTARY SCHOOLS BY QUALIFICATIONS

Year	M e n				W o m e n				A l l P e r s o n s			
	Graduate	Under- Graduate	Non- Matic	Total	Graduate	Under- Graduate	Non- Matic	Total	Graduate	Under- Graduate	Non- Matic	Total
PRIMARY												
1955-56	225	9044	48358	57627	223	2764	11861	14848	448	11808	60219	72475
1956-57	282	12788	46900	59970	332	4054	10866	15252	614	16842	57766	75222
1957-58	329	14666	47374	62369	381	4264	12064	16709	710	18330	59438	79078
1958-59	247	9314	31893	41454	375	3816	8423	12614	622	13130	40316	54068
1959-60	235	9136	28593	37964	356	3147	6526	10029	591	12283	35119	47993
1960-61	276	10673	29313	40262	421	3085	6603	10109	697	13758	35916	50371
1961-62	332	10748	29795	40875	475	3611	6877	10963	807	14359	36672	51838
1962-63	281	12006	29354	41641	481	4208	7407	12096	762	16214	36761	53737
MIDDLE												
1955-56	528	3772	11253	15553	115	577	2018	2710	643	4349	13271	18263
1956-57	360	5207	11912	17479	96	889	2331	3316	456	6096	14243	20795
1957-58	470	5922	11282	17674	154	1071	2417	3642	624	6993	13699	21316
1958-59	207	12162	28572	40941	45	2503	6844	9392	252	14665	35416	50333
1959-60	343	15689	30039	46071	238	4313	9140	13691	581	20002	39179	59762
1960-61	429	18023	30219	48671	204	4663	10701	15568	633	22636	40920	64239
1961-62	432	19842	31422	51696	264	5480	10756	16500	696	25322	42178	68196
1962-63	496	21523	32122	54141	340	6211	11044	17595	836	27734	43166	71736
ELEMENTARY												
1955-56	753	12816	59611	73180	338	3341	13879	17558	1091	16157	73490	90738
1956-57	642	17995	58812	77449	428	4943	13197	18568	1070	22938	72009	96017
1957-58	799	20588	58656	80043	535	5335	14481	20351	1334	25923	73137	100394
1958-59	454	21476	60465	82395	420	6319	15267	22006	874	27795	75732	104401
1959-60	578	24825	58632	84035	594	7460	15666	23720	1172	32285	74298	107755
1960-61	705	28696	59532	88933	625	7748	17304	25677	1130	36444	76836	114610
1961-62	764	30590	61217	92571	739	9091	17633	27463	1503	39681	78850	120034
1962-63	777	33529	61476	95782	821	10419	18451	29691	1598	43948	89927	125473

The method of enumerating teachers in the middle schools adopted in 1955-56, 1956-57 and 1957-58 was not quite correct and has since been changed. The statistics of these three years, therefore, do not show the correct position of teachers separately for primary and middle schools.

It will be seen that the total number of elementary teachers has increased from 90,738 in 1955-56 to 1,25,473 in 1962-63. This is an increase of 34,735 in seven years, or 4,962 per year. The number of women teachers has increased, during the same period, from 17,558 to 29,691 which implies an increase of 12,133 in a period of seven years or of 1,733 per year.

The percentage of women teachers to total was 19.35 in 1955-56. It has risen to 23.66 in 1962-63. The rise is appreciable, but not adequate and it may not be possible to reach the target of 30 per cent by 1965-66.

The number of graduate teachers in elementary schools is very small and even in 1962-63, there were only 1,598 teachers (777 men and 821 women in elementary schools). This number is, however, slowly increasing, although the proportion of graduate teachers to total has remained almost stationery - it was 1.2 in 1955-56 and 1.3 in 1962-63. Most of these teachers are working in primary schools in cities, particularly in Bombay, where the scales of pay are more attractive.

The number of matriculate teachers has increased from 16,157 in 1955-56 to 43,948 in 1962-63. This implies a total increase of 27,791 in seven years or an annual increase of 3,970. In other words, 80.0 per cent of the increase in the total number of teachers between 1955-56 and 1962-63 is among the matriculates. The proportion of matriculate teachers to total has also increased from

17.8 per cent in 1955-56 to 35.0 per cent in 1962-63.

There is, however, reason to believe that the number of matriculate teachers is not increasing fast enough. It is necessary to confine the recruitment of new teachers to matriculates (except in few special cases such as women teachers or teachers for backward and tribal areas). If this is done, the number of non-matriculate teachers will go on decreasing every year and that of matriculate teachers will rise in proportion.

The number of non-matriculate teachers was 73,490 (or 81 % of the total) in 1955-56 and it increased to 79,927 (or 63.7 % of the total) in 1962-63. This implies an increase of 6,437 teachers in a period of 7 years or of 920 teachers per year. The increase is small no doubt; but as pointed out earlier the number of non-matriculate teachers should actually decrease and there should be a greater emphasis on the employment of matriculate teachers.

XII TEACHERS ; TRAINING

The following table shows the percentage of trained and untrained teachers in primary, middle and elementary schools in Maharashtra :

TABLE NO. XX
TEACHERS IN ELEMENTARY SCHOOLS (By Training)

YEAR	M e n			W o m e n			A l l P e r s o n s		
	Total	Trained	% Trained	Total	Trained	% Trained	Total	Trained	% Trained
<u>PRIMARY</u>									
1955-56	57627	25656	44.5	14848	9789	65.9	72475	35445	48.9
1956-57	59970	27751	46.3	15252	10693	70.1	75222	38444	51.1
1957-58	62369	30759	49.3	16709	12171	72.8	79078	42930	54.3
1958-59	41454	18744	45.2	12614	9587	76.0	54068	28331	52.4
1959-60	37964	17302	45.6	10029	7208	71.9	47993	24510	51.1
1960-61	40262	17897	44.5	10109	7163	70.9	50371	25060	49.8
1961-62	40875	19802	48.4	10963	7573	69.1	51838	27375	52.8
1962-63	41641	22732	54.6	12096	8841	73.1	53737	31573	58.8
<u>MIDDLE</u>									
1955-56	15553	11195	72.0	2710	1766	65.2	18263	12961	71.0
1956-57	17479	12841	73.5	3316	2275	68.6	20795	15116	72.7
1957-58	17674	13557	76.7	3642	2625	72.1	21316	16182	75.9
1958-59	40941	28264	69.0	9392	6546	69.7	50333	34810	69.2
1959-60	46071	31834	69.1	13691	10293	75.2	59762	42127	70.5
1960-61	48671	34902	71.7	15568	11853	76.1	64239	46755	72.8
1961-62	51696	37277	72.1	16500	12809	77.6	68196	50086	73.4
1962-63	54141	41643	76.9	17595	13956	79.3	71736	55599	77.5
<u>ELEMENTARY</u>									
1955-56	73180	36851	50.4	17558	11555	65.8	90738	48406	53.3
1956-57	77449	40592	52.4	18568	12968	69.8	96017	53560	55.8
1957-58	80043	44316	55.4	20351	14796	72.7	100394	59112	58.8
1958-59	82395	47008	57.1	22006	16133	73.3	104401	63141	60.5
1959-60	84035	49136	58.5	23720	17501	73.8	107755	66637	61.9
1960-61	88933	52799	59.4	25677	19016	74.0	114610	71815	62.7
1961-62	92571	57079	61.7	27463	20382	74.2	120034	77461	64.5
1962-63	95782	64375	67.2	29691	22797	76.8	125473	87172	69.5

It will be seen from the above table that the percentage of trained teachers at the elementary stage was only 53.3 in 1955-56 and that it has increased to 69.5 in 1962-63. The percentage of trained teachers among men has increased, during the same period, from 50.4 per cent to 67.2 per cent and that among women teachers has increased from 65.8 in 1955-56 to 76.8 in 1962-63. The Government of Maharashtra has undertaken a total scheme under which all the existing untrained teachers will be trained in the course of next Five Years and no untrained teacher shall be recruited after 1965.

The following table shows the statistics of teacher training schools in Maharashtra :

TABLE ...

TABLE NO. XXI
STATISTICS OF TEACHER TRAINING SCHOOLS

YEAR	No. of Institutions	Enrolment in Institutions for			Direct Expenditure						Cost per Pupil to		
		Boys	Girls	Total	Govt. Rs	D.S.B. Rs	M.S.B. Rs	Fees Rs	Endowments Rs	Others Rs	Total Rs	Govt. Rs	Total Rs
BASIC TRAINING :													
1955-56	78	8046	3172	11218	2362424	18318	30468	339759	26909	217960	2995838	211	267
1956-57	81	7991	2901	10892	2032990	20756	22435	289479	7304	169061	2542025	187	233
1957-58	87	7887	3035	10922	2208594	3685	22613	323892	7637	296355	2862776	202	262
1958-59	93	8903	2758	11661	2342388	13608	10000	369143	20983	342882	3099004	201	266
1959-60	113	10680	3167	13847	2757617	1750	43154	468366	71199	395086	3737072	199	270
1960-61	127	12879	3668	16547	3713708	750	51730	578652	10268	162930	4818048	224	291
1961-62	132	13924	4186	18110	3636680	580	23227	676651	30576	509287	4877000	201	269
1962-63	137	14675	4756	19431	3765543	-	25696	794518	37320	453460	5076537	194	261
NORMAL TRAINING :													
1955-56	33	739	572	1311	27402	-	-	83316	3071	25081	138870	21	106
1956-57	42	204	1354	1558	97226	-	-	101658	11749	49552	260185	62	167
1957-58	45	437	1506	1943	119721	-	300	144916	10576	110140	385653	62	198
1958-59	46	1449	636	2085	113134	-	150	132977	7667	54691	308619	54	148
1959-60	48	1394	800	2194	203463	-	800	176506	2322	95881	478972	93	218
1960-61	48	1253	813	2066	314337	-	201	148749	2871	70152	536310	152	260
1961-62	50	1097	751	1848	302794	-	650	173622	19813	71454	568332	164	307
1962-63	46	1423	753	2176	314734	-	301	187971	7087	61366	571459	145	263
TOTAL TRAINING :													
1955-56	111	8785	3744	12529	2389826	18318	30468	423075	29980	243041	3134708	191	250
1956-57	123	8195	4255	12450	2142666	20756	22435	301137	19053	218613	2802210	172	226
1957-58	132	8324	4541	12865	2328315	3685	22913	468808	18213	406495	3248429	181	253
1958-59	139	10352	3394	13746	2455522	13608	10150	502120	28650	397573	3407623	179	248
1959-60	161	12074	3967	16041	2961080	1750	43954	644772	73521	490967	4216044	185	263
1960-61	175	14132	4481	18613	4028045	750	51931	727411	13139	533082	5354358	216	288
1961-62	182	15021	4937	19958	3939474	580	23877	850273	50387	580741	5445332	197	273
1962-63	183	16098	5509	21607	4080277	-	25997	982489	44407	514826	5647996	189	261
OUTPUT OF PRIMARY TEACHERS (1962-63)													
					No. Appeared			No. Passed					
					Men	Women	Total	Men	Women	Total			
Junior P.T.C. - S.S.C.					3427	723	4155	3147	702	3849			
- Non-S.S.C.					7864	2337	10201	5680	1691	7371			
T o t a l					11291	3065	14356	8827	2392	11220			
Senior P.T.C. - S.S.C.					1971	265	2236	1555	182	1737			
G R A N D T O T A L					13262	3330	16592	10382	2575	12957			

It will be seen from the above table that the Number of basic training schools has increased from 78 in 1955-56 to 37 (or 75.64 %) in 1962-63. The teacher-trainees also have considerably increased from 11,218 in 1955-56 to 19,432 in 1962-63. This implies an increase of 73.21 % over seven years. The increasing training facilities now accorded will increase the trained element in teachers in elementary schools and it is expected to reach an optimum very shortly.

The expenditure on these institutions also shows a considerable and healthy rise. It rose from Rs 29.95 lakhs in 1955-56 to Rs 50.77 lakhs in 1962-63. The share of Government also increased from Rs 23.62 lakhs in 1955-56 to Rs 37.66 lakhs in 1962-63. The next major source of expenditure is fees which contributed as much as Rs 3.40 lakhs in 1955-56 and rose to Rs 7.95 lakhs in 1962-63, keeping a steady pace with the total expenditure.

The total cost per pupil, however, remained practically constant throughout this period the minimum being Rs 233 in 1956-57 and the maximum Rs 291 in 1960-61. Government share of expenditure per pupil fluctuated between Rs 187 in 1956-57 and Rs 224 in 1960-61.

Normal Training :

A wide coverage of teachers necessary for pre-primary schools, subjects such as drawing, Hindi, Cane and other craft-work, comes under the heading 'normal training'.

The number of institutions rose from 33 (with an enrolment of 1,311) in 1955-56 to 46 (with an enrolment of 2,176). The expenditure on these institutions also increased from Rs 1.39 lakhs in 1955-56 to Rs 5.71 lakhs in 1962-63. Consequently the cost per pupil shot up, though steadily from Rs 106 in 1955-56 to Rs 307 in 1961-62. Government share also rose from Rs 21 in 1955-56 to Rs 164 in 1961-62. However, with the considerable rise in enrolment in 1962-63, the cost per pupil and Government share per ...

per pupil came down to Rs 263 and Rs 145 respectively.

In a nutshell, the total number of training institutions for teachers in elementary schools increased from 111 with total enrolment of 12,529 in 1955-56 to 183 with a total enrolment of 21,607 in 1962-63. During the same period, the total expenditure on these institutions has increased from Rs 31.3 lakhs to 56.5 lakhs and the annual cost per trainee from Rs 250 to Rs 261.

The normal training institutions shown in the above table include Pre-Primary Training Institutions, Hindi Shikshak Sanad Classes, D.T.C. training, etc..

The present output of trained teachers is about 13,000 per year.

XIII - TEACHERS' SALARIES :

The position regarding the salaries of teachers will be seen in the following table.

TABLE NO. XXII
EXPENDITURE ON TEACHERS

YEAR	Total direct expenditure Rs	Expenditure on teachers' salaries Rs	Number of teachers	% of teachers' salaries to direct expenditure	Average salary per teacher Rs
<u>PRIMARY :</u>					
1955-56	7,78,90,914	6,20,27,668	72,475	79.6	856
1956-57	8,34,46,375	6,41,46,697	75,222	76.9	853
1957-58	9,50,71,051	6,31,19,383	79,078	66.4	798
1958-59	5,78,02,357	4,96,10,520	54,068	85.8	918
1959-60	6,48,19,739	5,63,59,228	47,993	86.9	1,174
1960-61	6,93,03,077	6,04,29,933	50,571	87.2	1,200
1961-62	7,54,82,796	6,53,48,802	51,838	86.6	1,260
1962-63	7,65,92,736	6,79,76,126	53,737	88.8	1,265
<u>MIDDLE :</u>					
1955-56	2,90,20,204	1,76,89,691	18,263	61.0	969
1956-57	2,23,77,783	1,72,94,686	20,795	77.3	832
1957-58	2,43,38,386	2,09,04,721	21,316	85.9	981
1958-59	6,96,34,239	6,34,78,177	50,333	91.2	1,261
1959-60	7,57,39,049	6,64,73,534	59,762	87.8	1,112
1960-61	9,37,37,212	7,96,97,490	64,239	85.0	1,241
1961-62	10,15,10,397	8,50,36,366	68,196	83.4	1,247
1962-63	10,60,21,651	9,19,67,496	71,736	86.7	1,282
<u>ELEMENTARY :</u>					
1955-56	10,69,11,118	7,97,17,359	90,738	74.6	879
1956-57	10,58,24,158	8,14,41,383	96,017	77.0	848
1957-58	11,94,09,437	8,40,24,104	1,00,394	70.4	837
1958-59	12,74,36,596	11,30,88,697	1,04,401	88.7	1,083
1959-60	14,05,58,788	12,28,32,762	1,07,755	87.4	1,140
1960-61	16,30,40,289	14,01,27,423	1,14,610	85.9	1,223
1961-62	17,69,93,193	15,03,85,168	1,20,034	85.0	1,253
1962-63	18,26,14,387	15,99,43,622	1,25,473	87.6	1,275

It will be seen from the above table that the expenditure on salaries was 74.6 per cent of the total direct expenditure on elementary education in 1955-56. This proportion has increased to 87.6 per cent in 1962-63. This is not a happy trend. The target to be reached is that the expenditure on salaries should form only about 70 per cent of the total direct expenditure on elementary education. In the present situation, the necessary expenditure on equipment, contingency etc., has gone down to the very minimum.

The average salary of elementary teacher was 879 in 1955-56 and it has increased to 1,275 in 1962-63 as against about Rs 900 for India as a whole. The salaries of elementary teachers in Maharashtra are fairly high and compare very favourably with those in other States.

XIV - SECONDARY SCHOOLS AND THEIR ENROLMENT :

The following table shows the number of Secondary Schools and their enrolment from 1955-56 to 1962-63.

TABLE NO. XXIII
NUMBER OF SECONDARY SCHOOLS AND ENROLMENT IN THEM

Year	No. of Institutions			Enrolment		
	Boys	Girls	Total	Boys	Girls	Total
1955-56	862	156	1,018	3,20,650	1,12,201	4,32,851
1956-57	973	165	1,138	3,71,284	1,26,725	4,98,009
1957-58	1,048	173	1,221	4,00,006	1,40,693	5,40,699
1958-59	1,537	213	1,750	4,72,506	1,70,291	6,42,797
<u>1959-60</u>						
Hr. Sec.	77	13	90	54,293	12,418	66,711
High Sch	1,746	213	1,959	4,87,504	1,84,403	6,71,907
Total	1,823	226	2,049	5,41,797	1,96,821	7,38,618
<u>1960-61</u>						
Hr. Sec.	80	14	94	57,583	14,396	71,979
High Sch	1,900	204	2,104	5,40,660	2,05,545	7,46,205
Total	1,980	218	2,198	5,98,243	2,19,941	8,18,184
<u>1961-62</u>						
Hr. Sec.	92	18	110	67,781	18,304	86,085
High Sch.	2,269	224	2,493	6,14,277	2,34,738	8,49,015
Total	2,361	242	2,603	6,82,058	2,53,042	9,35,100
<u>1962-63</u>						
Hr. Sec	94	18	112	70,527	19,901	90,428
High Sch.	2,503	238	2,741	6,93,448	2,69,920	9,63,368
Total	2,597	256	2,853	7,63,975	2,89,821	10,53,796

It will be seen from the above table that the total number of secondary schools has increased from 1,018 in

1955-56 ...

1955-56 to 2,853 in 1962-63. The increase has mainly taken place in the institutions for boys which have increased from 862 in 1955-56 to 2,597 in 1962-63. The increase in the number of institutions for girls is comparatively small from 156 in 1955-56 to 256 in 1962-63.

The enrolment in Secondary Schools includes also enrolment in Middle and Primary departments attached to them. This is, therefore, always greater than the enrolment at the Secondary stage proper, which will be examined later. It will be seen from the above table, however, that the total enrolment in Secondary Schools has increased from 4,32,815 in 1955-56 to 10,53,796 in 1962-63. This implies an increase of 13.6 % per year.

The enrolment of girls has increased, as at earlier stages, more rapidly than that of boys. It will be seen from the above table that the enrolment of boys has increased from 3,20,650 in 1955-56 to 7,63,975 in 1962-63 (which implies an average annual increase of 13.2 %). The enrolment of girls has increased from 1,12,201 in 1955-56 to 2,89,821 in 1962-63 (which implies an annual increase of 14.5 %).

As pointed out earlier, the enrolment in Secondary Schools also includes the enrolment in Middle and Primary departments attached to Secondary Schools. This is different from enrolment at the Secondary stage which includes enrolment in Classes VIII-XI only. The relation between these two enrolments is given in the following table :

TABLE ...

TABLE NO. XXIV
ENROLMENT AT SECONDARY SCHOOLS & SECONDARY STANDARD STAGE

<u>Year</u>	<u>Enrolment in Secondary Schools</u>	<u>Enrolment at Secondary Stage (Stds. VIII-XI)</u>	<u>% of enrolment at Sec. stage to total</u>
1955-56	Boys 3,20,650 Girls 1,12,201 Total 4,32,851	2,34,466 63,474 2,97,940	73.1 56.6 68.8
1956-57	Boys 3,71,284 Girls 1,26,725 Total 4,98,009	2,61,859 70,591 3,32,450	70.5 55.7 66.8
1957-58	Boys 4,00,006 Girls 1,40,693 Total 5,40,699	2,83,759 80,021 3,63,780	70.9 56.9 67.3
1958-59	Boys 4,72,506 Girls 1,70,291 Total 6,42,797	3,06,880 89,937 3,96,817	64.9 52.8 61.7
1959-60	Boys 5,41,797 Girls 1,96,821 Total 7,38,618	3,51,527 1,05,111 4,56,638	64.9 53.4 61.8
1960-61	Boys 5,98,243 Girls 2,19,941 Total 8,18,184	4,05,267 1,22,695 5,27,962	67.7 55.8 64.5
1961-62	Boys 6,82,058 Girls 2,53,042 Total 9,35,100	4,62,695 1,41,685 6,04,380	67.8 56.0 64.6
1962-63	Boys 7,63,975 Girls 2,89,821 Total 10,53,796	5,20,896 1,63,779 6,84,675	68.1 56.5 65.0

It will be seen from the above table that the enrolment at the Secondary stage proper is now about 65 % of the total enrolment in Secondary Schools. Seven years ago, in 1955-56, this proportion was 68.8 %. It appears, therefore, that the enrolment at the secondary stage is becoming a smaller proportion of the total enrolment in Secondary schools as time passes. This is because the enrolment in the Middle and Primary departments attached to Secondary Schools is increasing at a faster rate than the enrolment at the Secondary stage itself. These departments generally maintain a higher standard of education and, therefore, parents

prefer ...

prefer to send their children to them. This trend is likely to increase in the years to come.

XV. ENROLMENT OF SECONDARY STAGE:

The following table shows the enrolment at the secondary stage proper, i.e. in classes VIII-XI, arranged separately according to classes:

TABLE ...

TABLE NO. XXV
ENROLMENT AT THE SECONDARY STAGE

Year	E N R O L M E N T					
	VIII	IX	X	TOTAL	XI	GR. TOTAL
1955-56	Boys 82,346	62,749	49,180	1,94,275	40,191	2,34,466
	Girls 22,297	17,274	13,144	52,715	10,759	63,474
	Total 1,04,643	80,023	62,324	2,46,990	50,950	2,97,940
1956-57	Boys 87,976	72,018	58,191	2,18,185	43,674	2,61,859
	Girls 23,786	19,910	15,505	59,201	11,390	70,591
	Total 1,11,762	91,928	73,696	2,77,386	55,064	3,32,450
1957-58	Boys 94,487	75,910	63,521	2,33,918	49,841	2,83,759
	Girls 27,478	21,336	17,594	66,408	13,613	80,021
	Total 1,21,965	97,246	81,115	3,00,326	63,454	3,63,780
1958-59	Boys 1,08,932	84,423	68,610	2,61,965	44,915	3,06,880
	Girls 32,000	24,820	19,649	76,469	13,468	89,937
	Total 1,40,932	1,09,243	88,259	3,38,434	58,383	3,96,817
1959-60	Boys 1,27,750	99,153	76,444	3,03,347	48,180	3,51,527
	Girls 39,015	29,011	22,442	90,468	14,643	1,05,111
	Total 1,66,765	1,28,164	98,886	3,93,815	62,823	4,56,638
1960-61	Boys 1,45,451	1,15,198	90,277	3,50,926	54,641	4,05,267
	Girls 45,377	34,326	25,928	1,05,631	17,064	1,22,695
	Total 1,90,828	1,49,524	1,16,205	4,56,557	71,705	5,27,962
1961-62	Boys 1,62,730	1,32,085	1,04,731	3,99,546	63,149	4,62,695
	Girls 51,103	40,295	30,699	1,22,097	19,588	1,41,685
	Total 2,13,833	1,72,380	1,35,430	5,21,643	83,737	6,04,380
1962-63	Boys 1,81,377	1,47,523	1,19,921	4,48,821	71,126	5,19,947
	Girls 58,962	45,514	36,044	1,40,520	23,201	1,63,721
	Total 2,40,339	1,93,037	1,55,965	5,89,341	94,327	6,83,668

AVERAGE RATE OF INCREASE IN ENROLMENT PER ANNUM

Boys	11.9	13.0	13.6	12.7	8.5	12.0
Girls	14.9	14.8	15.5	15.0	11.6	14.5
Total	12.7	13.4	14.0	13.2	9.1	12.7

It will be seen from the above table that the enrolment at the secondary stage proper had increased from 2,97,940 in 1955-56 to 6,83,668 in 1962-63. The rate of increase has been accelerated since 1959-60 when the scheme of E.B.C. concessions was introduced. The overall rate of increase is 12.7% per annum - 12.0 % for boys and 14.5 % for girls. The rate of increase is also fairly uniform in classes VIII-X but is less in Class XI.

The enrolment at the secondary stage (classes VIII-XI) has to be compared to the total child population in the age-group 14-17, this comparison has been shown in the following table:

TABLE ...

TABLE NO. XXVI
ENROLMENT PERCENTAGE IN STANDARDS VIII-XI

Year	Enrolment in stds VIII-XI			Child Population (in lakhs) in the age-group 14-17			Enrolment % to the respec- tive population (14-17)		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1955-56	2,34,466	63,474	2,97,940	14.76	13.85	28.61	15.9	4.6	10.4
1956-57	2,61,859	70,591	3,32,450	15.09	14.14	29.23	17.4	5.0	11.4
1957-58	2,83,759	80,021	3,63,780	15.42	14.43	29.85	18.4	5.5	12.2
1958-59	3,06,880	89,937	3,96,817	15.76	14.74	30.50	19.5	6.1	13.0
1959-60	3,51,527	1,05,111	4,56,638	16.10	15.05	31.05	21.8	7.0	14.7
1960-61	4,05,267	1,22,695	5,27,962	16.39	15.35	31.74	24.7	8.0	16.6
1961-62	4,62,695	1,41,685	6,04,380	16.96	15.86	32.82	27.3	8.9	18.4
1962-63	5,19,947	1,63,721	6,83,668	@ 17.68	16.50	34.18	29.4	9.9	20.0

@ Based upon 1961 Census figures.

It will be seen from the above table that only 10.4 % of the children in the age-group 14-17 were enrolled at the secondary stage in 1955-56. The proportion has increased to 20.0 % by 1962-63.

How does the enrolment at the Secondary stage in Maharashtra compare with the enrolment at the secondary stage in other States of India ? This will be seen from the following table :

TABLE NO. XXVI- A
ENROLMENT PERCENTAGES IN AGE GROUP 14-17 (1961-62)

States	Child Population in the Age-Group 14-17 (in lakhs)			Enrolment in Stds IX-XI/XII			Enrolment percentage to respective age-group 14-17		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Andhra Pradesh	10.86	10.71	21.57	1,81,929	35,888	2,17,817	16.8	3.4	10.1
Assam	3.42	3.21	6.63	1,12,334	32,823	1,45,157	32.8	10.2	21.9
Bihar	12.89	12.79	25.68	3,37,700	24,405	3,62,105	26.2	1.9	14.1
Gujarat	6.45	6.04	12.49	1,50,557	46,753	1,97,310	23.3	7.7	15.8
Jammu & Kashmir	1.16	1.05	2.21	21,159	6,486	27,645	18.2	6.2	12.5
Kerala	5.23	5.51	10.74	1,08,814	90,999	1,99,813	20.8	16.5	18.6
Madhya Pradesh	9.54	8.88	18.42	1,22,058	21,582	1,43,632	12.8	2.4	7.8
Madras	10.17	10.16	20.33	2,15,417	77,384	2,92,801	21.2	7.6	14.4
Maharashtra	12.20	11.39	23.59	3,00,975	90,647	3,91,622	24.8	7.9	16.6
Mysore(1960-61)	7.17	6.94	14.11	1,32,156	36,974	1,69,130	18.4	5.3	12.0
Orissa	4.98	4.78	9.76	47,991	4,683	52,674	9.6	1.0	5.4
Punjab	6.69	6.14	12.83	1,58,042	35,628	1,93,670	23.6	5.8	15.1
Rajasthan	6.27	5.66	11.93	86,622	8,786	95,408	13.8	1.6	8.0
Uttar Pradesh	22.56	20.46	43.02	3,44,583	42,568	3,87,151	15.3	2.1	9.0
West Bengal	11.94	10.49	21.73	1,84,152	52,682	2,36,834	16.4	5.0	10.9
ALL INDIA	133.05	126.30	259.35	25,21,550	6,94,372	32,15,922	19.0	5.5	12.4

For purposes of comparison, the enrolment in Maharashtra in classes IX, X and XI only has been taken.

It will be seen from the above table that, in India as a whole, only 12.4 % of the children in the age-group 14-17 are enrolled in schools at the secondary stage in 1961-62. The proportion is highest in Assam where it is 21.9 %. Next comes Kerala with 18.6 %. Maharashtra comes third with 16.6 % and is closely followed by Punjab 15.1% and Gujarat 15.8 %.

XVI TEACHERS IN SECONDARY SCHOOLS :

PUPIL-TEACHERS

Tables XXVII and XXVIII show the pupil-teacher ratios in Secondary Schools in Maharashtra and in India as a whole. It will be seen therefrom that the average pupil-teacher ratio in Secondary Schools in Maharashtra has been fairly steady - 24 or 25. The all-India average also is about the same - 25 - although States like Bihar and Punjab have some what larger ratios.

TABLE NO. XXVII

PUPIL-TEACHER RATIO IN SECONDARY SCHOOLS (HIGH/HIGHER)

<u>Year</u>	<u>Enrolment</u>	<u>No. of Teachers</u>	<u>Pupils per teacher</u>
1955-56	4,32,851	18,195	24
1956-57	4,98,009	20,423	24
1957-58	5,40,699	22,131	24
1958-59	6,42,797	26,859	24
1959-60	7,38,618	30,250	24
1960-61	8,18,184	33,100	25
1961-62	9,35,100	37,714	25
1962-63	10,53,796	41,879	25

TABLE ...

TABLE NO. XXVIII
PUPIL-TEACHER RATIO (1961-62) IN SECONDARY SCHOOLS

<u>States</u>	<u>Enrolment</u>	<u>No. of teachers</u>	<u>No. of pupils per teacher</u>
Andhra Pradesh	6,42,637	28,282	23
Assam	2,51,166	10,124	25
Bihar	5,71,020	18,813	30
Gujarat	4,09,554	15,747	26
Jammu & Kashmir	1,00,217	4,287	23
Kerala	7,76,464	30,393	26
Madhya Pradesh	3,26,669	16,001	20
Madras	7,59,260	32,818	23
Maharashtra	9,35,100	37,714	25
Mysore (1960-61)	2,54,256	10,634	24
Orissa	1,14,049	5,409	21
Punjab	8,18,046	23,317	35
Rajasthan	2,42,888	11,205	22
Uttar Pradesh	10,21,658	39,193	26
West Bengal	8,56,020	31,762	27
ALL INDIA	84,01,059	3,30,319	25

TABLE XXIX

TEACHERS IN HIGH/HIGHER SECONDARY SCHOOLS BY QUALIFICATIONS

Year	M e n				W o m e n				A l l P e r s o n s			
	Graduate	Under- Graduate	Non- Matric	Total	Graduate	Under- Graduate	Non- Matric	Total	Graduate	Under- Graduate	Non- Matric	Total
1955-56	7,031	5,726	1,054	13,811	2,100	1,751	533	4,384	9,131	7,477	1,587	18,195
1956-57	7,778	6,706	1,199	15,683	2,344	1,979	417	4,740	10,122	8,685	1,616	20,423
1957-58	8,722	7,162	1,140	17,024	2,594	2,060	453	5,107	11,316	9,222	1,593	22,131
1958-59	9,598	9,529	1,368	20,495	3,045	2,769	550	6,364	12,643	12,298	1,918	26,859
1959-60	10,524	11,109	1,427	23,060	3,407	3,203	580	7,190	13,931	14,312	2,007	30,250
1960-61	11,592	11,834	1,543	24,969	3,909	3,629	593	8,131	15,501	15,463	2,136	33,100
1961-62	13,210	13,525	1,701	28,436	4,548	4,117	613	9,278	17,758	17,642	2,314	37,714
1962-63	14,538	15,159	1,800	31,497	5,092	4,688	602	10,382	19,630	19,847	2,402	41,879

TABLE NO. XXIX-A
GRADUATE AND MATRICULATE TEACHERS IN SECONDARY SCHOOLS

Year	Total No. of Teachers			Graduate Teachers			% to total teachers			Matriculate Teachers			% to total teachers			Non-Matriculate Teachers	'Increase over previous year	% of increase to total increase
	Men	Women	Total	Men	women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total			
1955-56	13811	4384	18195	7031	2100	9131	50.9	47.9	50.2	5726	1751	7477	41.5	39.9	41.1	1587	-	-
1956-57	15683	4740	20423	7778	2344	10122	49.6	49.5	49.6	6706	1979	8685	42.8	41.8	42.5	1616	29	1.3
1957-58	17024	5107	22131	8722	2594	11316	51.2	50.8	51.1	7162	2060	9222	42.1	40.3	41.7	1593	-23	-1.4
1958-59	20495	6364	26859	9598	3045	12643	46.8	47.8	47.1	9529	2769	12298	46.5	43.5	45.8	1918	325	6.8
1959-60	23060	7190	30250	10524	3407	13931	45.6	47.4	46.1	11109	3203	14312	48.2	44.5	47.3	2007	89	2.6
1960-61	24969	8131	33100	11592	3909	15501	46.4	48.1	46.8	11834	3629	15463	47.4	44.6	46.7	2136	129	4.5
1961-62	28436	9278	37714	13210	4548	17758	46.5	49.0	47.1	13525	4117	17642	47.6	44.4	46.8	2314	178	3.9
1962-63	31497	10382	41879	14538	5092	19630	46.2	49.0	46.9	15159	4688	19847	48.1	45.2	47.4	2402	88	2.1

It will be seen that the total number of teachers in Secondary Schools has increased from 18,195 in 1955-56 to 41,879 in 1962-63. Of these, the graduate teachers were 9,131 (or 50.2 per cent) in 1955-56. Their number increased to 19,630 in 1962-63 but their proportion in the total fell down to 46.9. This is not a happy sign.

What should be the proportion of graduate teachers in Secondary Schools? Out of a total of 100 children enrolled in a Secondary School, 65 are at the Secondary stage and 35 are at lower stage. At the lower stage, the pupil-teacher ratio is larger - 35. Hence one non-graduate teacher would be needed for the lower stage. At the Secondary stage, we need one teacher for about 20-21 pupils. So we need 3 graduate teachers for the pupils of the Secondary stage. Of these, at least one should be a M.A. In short, out of 4 teachers needed, 3 should be graduates (including one M.A.) and 1 should be a non-graduate. From the point of view of these standards, the conditions in Maharashtra leave much to be improved.

Training :

The following table shows the percentage of trained teachers in Secondary Schools from 1955-56 to 1962-63 :

TABLE NO. XXX
HIGH/HIGHER SECONDARY

<u>Year</u>	<u>M e n</u>			<u>W o m e n</u>			<u>A l l P e r s o n s</u>		
	<u>Total</u>	<u>Trained</u>	<u>% Trained</u>	<u>Total</u>	<u>Trained</u>	<u>% Trained</u>	<u>Total</u>	<u>Trained</u>	<u>% Trained</u>
1955-56.	13,811	8,95	59.3.	4,384	3,229	73.7	18,195	11,424	62.8
1956-57	15,683	9,019	57.5	4,740	3,535	74.6	20,423	12,554	61.5
1957-58	17,024	10,125	59.5	5,107	3,921	76.8	22,131	14,046	63.5
1958-59	20,495	12,041	58.8	6,364	4,773	75.0	26,859	16,814	62.6
1959-60	23,060	13,599	59.0	7,190	5,397	75.0	30,250	18,996	62.8
1960-61	24,969	14,816	59.3	8,131	6,070	74.7	33,100	20,886	63.1
1961-62	28,436	17,217	60.5	9,278	6,893	74.3	37,714	24,110	63.9
1962-63	31,497	19,814	62.9	10,382	7,920	76.3	41,879	27,734	66.2

It will be seen that there is only a very slight improvement in the position - the percentage of trained teachers increasing from 62.8 in 1955-56 to 66.2 in 1962-63. Considerable action is indicated here.

The following table shows the facilities now available for the training of Secondary teachers :

TABLE ...

TABLE NO. XXXI
TRAINING OF SECONDARY SCHOOL TEACHERS

Year	No. of Institu- tions	EN R O L M E N T			D I R E C T	
		Boys	Girls	Total	Government Rs	D.S.B. Rs
POST GRADUATE NON-BASIC						
1955-56	8	688	267	955	1,71,265	-
1956-57	9	723	283	1,006	2,79,467	-
1957-58	9	819	371	1,190	3,17,984	-
1958-59	9	700	284	984	2,85,517	-
1959-60	11	680	419	1,099	3,38,961	-
1960-61	13	1,020	529	1,549	5,34,048	-
1961-62	16	1,218	606	1,824	4,12,551	-
1962-63	17	1,327	661	1,988	5,06,710	1,542
UNDER-GRADUATE NON-BASIC						
1955-56	19	426	695	1,121	1,59,811	-
1956-57	23	561	854	1,415	1,16,675	-
1957-58	32	491	816	1,307	1,23,459	-
1958-59	50	930	1112	2,042	1,43,815	-
1959-60	63	1,572	1,701	3,273	1,53,646	-
1960-61	76	1,528	1,764	3,292	1,64,025	-
1961-62	113	2,646	2,462	5,108	1,64,585	-
1962-63	136	3,103	3,056	6,159	1,74,726	-
POST-GRADUATE BASIC						
1955-56	2	62	8	70	80,284	-
1956-57	3	91	11	102	85,293	-
1957-58	3	80	11	91	96,160	-
1958-59	3	76	13	89	1,12,634	-
1959-60	3	81	9	90	1,10,803	-
1960-61	3	100	14	114	1,19,054	-
1961-62	3	98	8	106	97,126	-
1962-63	3	100	11	111	1,22,542	-
TOTAL SECONDARY TRAINING						
1955-56	29	1,176	970	2,146	4,11,360	-
1956-57	35	1,375	1,158	2,523	4,81,435	-
1957-58	44	1,390	1,198	2,588	5,37,603	-
1958-59	62	1,706	1,409	3,115	5,41,966	-
1959-60	77	2,333	2,129	4,462	6,03,410	-
1960-61	92	2,648	2,307	4,955	8,17,127	-
1961-62	132	3,962	3,076	7,038	6,74,262	-
1962-63	156	4,530	3,728	8,258	8,03,978	1,542

TABLE NO. XXXI

TRAINING OF SECONDARY SCHOOL TEACHERS

EXPENDITURE BY SOURCES					COST PER PUPIL TO	
M.S.B.	Fees	Endowment	Others	Total	Govt.	Total
Rs	Rs	Rs	Rs	Rs	Rs	Rs
-	2,42,429	-	68,158	4,81,852	179	505
-	2,55,067	4,897	67,532	6,06,963	278	603
-	2,55,241	5,195	88,577	6,66,997	267	560
-	2,64,599	-	1,69,087	7,19,203	290	731
-	2,75,413	-	2,92,450	9,06,824	308	825
-	3,65,235	15,000	1,54,779	10,69,072	345	690
2,001	4,74,704	32,843	2,48,177	11,70,276	226	642
-	6,16,602	-	1,91,618	13,16,472	255	662
-	79,876	-	2,984	2,48,671	143	222
-	95,896	-	5,139	2,17,710	82	154
-	1,18,496	-	17,314	2,59,269	94	198
-	1,68,406	525	18,240	3,30,986	70	162
2,623	3,06,816	608	30,110	4,93,803	47	151
-	3,63,949	300	36,322	5,64,596	50	171
-	6,85,685	3,861	41,584	8,95,715	32	175
-	8,54,345	2,358	89,144	11,20,573	28	182
-	11,355	-	2,803	94,442	1,147	1,349
-	17,140	-	10,756	1,13,189	836	1,110
-	16,324	-	9,845	1,22,329	1,057	1,344
-	14,194	-	5,938	1,32,766	1,266	1,492
-	14,628	-	1,815	1,27,246	1,231	1,414
-	12,957	-	4,525	1,36,536	1,044	1,198
-	13,480	-	5,761	1,16,367	916	1,098
-	16,115	-	11,577	1,50,234	1,104	1,353
-	3,33,660	-	73,945	8,24,965	192	384
-	3,68,103	4,897	83,427	9,37,862	191	372
-	3,90,061	5,195	1,15,736	10,48,595	208	405
-	4,47,199	525	1,93,265	11,82,955	174	380
2,623	5,96,857	608	3,24,375	15,27,873	135	343
-	7,42,141	15,300	1,95,626	17,70,204	165	357
2,001	11,73,869	36,704	2,95,522	21,82,358	96	310
-	14,87,062	2,358	2,92,339	25,87,279	97	313

The enrolment at the Secondary stage is now increasing at about 80,000 per year. For this, we need a minimum of 3,500 graduates every year. Allowing for wastage, the training facilities for graduate teachers should be such as to produce about 3,600 teachers a year. As against that, we have facilities for 2,000 teachers only. This is a major weakness in the system which will need attention in the immediate future.

Salaries :

The following table shows the average salaries of secondary teachers in Maharashtra from 1955-56 to 1962-63. These compare favourably with those in the other parts of the country :

TABLE NO. XXXII

SALARIES OF TEACHERS IN HIGH/HIGHER SECONDARY SCHOOLS
IN MAHARASHTRA STATE

<u>Year</u>	<u>Total Direct expenditure on Secondary Education</u> Rs	<u>Expenditure on salaries of teachers</u> Rs	<u>No. of teachers</u>	<u>% of teachers' salaries to total expendi- ture</u>	<u>Average salary per teacher</u> Rs
1955-56	48458031	28692792	18195	59.2	1577
1956-57	55072237	35750112	20423	64.9	1751
1957-58	59272716	38335824	22131	64.7	1732
1958-59	70606913	45924823	26859	65.0	1710
1959-60	83393012	52226017	30250	62.6	1726
1960-61	96296144	62961638	33100	65.4	1902
1961-62	110738414	71566477	37714	64.6	1898
1962-63	125131778	80583642	41879	64.4	1924

XVII EXPENDITURE :

The expenditure on Secondary Education varies according to the type of Management. The details are given in the following table :

TABLE

TABLE NO. XXXII-A

SECONDARY SCHOOLS (HIGH PLUS HIGHER) BY MANAGERMENTS
(1955-56 to 1962-63)

Year	No. of Institutions	ENROLMENT			DIRECT	
		Boys	Girls	Total	Govt.	D.S.B.
1	2	3	4	5	6	7
					Rs	Rs
GOVERNMENT						
1955-56	70	25,363	6,273	31,636	31,45,381	-
1956-57	99	38,467	6,927	45,394	41,77,263	-
1957-58	99	39,413	7,295	46,708	48,74,830	-
1958-59	140	47,678	10,840	58,518	59,24,173	-
1959-60	184	62,884	11,874	74,758	72,18,104	-
1960-61	172	61,346	11,269	72,615	73,00,568	3,071
1961-62	192	70,074	12,263	82,337	77,64,092	200
1962-63	8	3,103	-	3,103	7,60,229	-
DISTRICT SCHOOL BOARD						
1955-56	3	648	-	648	34,613	10,264
1956-57	3	728	-	728	45,784	9,689
1957-58	8	1,302	-	1,302	76,348	8,261
1958-59	45	7,810	-	7,810	1,75,679	86,327
1959-60	59	10,059	-	10,059	3,13,933	74,608
1960-61	27	6,756	-	6,756	2,17,478	43,205
1961-62	29	8,318	-	8,318	2,39,194	81,753
1962-63	254	89,407	13,315	1,02,722	64,19,569	11,97,549
MUNICIPAL SCHOOL BOARD						
1955-56	26	16,826	221	17,047	5,37,242	-
1956-57	31	20,948	262	23,210	7,86,033	-
1957-58	35	24,432	326	24,758	8,71,203	-
1958-59	49	28,747	1,108	29,855	6,68,375	-
1959-60	54	30,323	2,254	32,577	8,91,530	-
1960-61	40	29,467	1,729	31,196	11,53,956	-
1961-62	43	30,063	2,259	32,322	11,44,244	-
1962-63	44	31,738	2,852	34,590	12,47,041	20,813
PRIVATE AIDED						
1955-56	889	3,14,699	61,279	3,75,978	14,75,969	24,158
1956-57	936	3,45,344	61,219	4,06,563	16,55,463	6,540
1957-58	1,015	3,74,061	69,749	4,43,810	18,33,629	8,002
1958-59	1,391	4,42,862	72,679	5,15,541	17,22,649	11,838
1959-60	1,655	5,10,686	82,130	5,92,816	23,59,524	12,597
1960-61	1,842	5,79,080	87,226	6,66,306	27,36,752	47,325
1961-62	2,251	6,76,775	96,606	7,73,381	29,65,364	1,59,849
1962-63	2,449	7,63,577	1,05,785	8,69,362	36,25,218	2,51,305
PRIVATE UNAIDED						
1955-56	30	5,486	2,056	7,542	-	-
1956-57	69	18,353	3,761	22,114	-	-
1957-58	64	20,321	3,800	24,121	-	-
1958-59	125	27,583	3,490	31,073	-	-
1959-60	97	25,084	3,324	28,408	-	-
1960-61	117	32,501	8,810	41,311	-	-
1961-62	88	28,098	10,644	38,742	-	-
1962-63	98	33,078	10,941	44,019	-	-
GRAND TOTAL						
1955-56	1,018	3,63,022	69,829	4,32,851	17,89,320	34,422
1956-57	1,138	4,23,840	72,169	4,96,009	21,56,376	16,229
1957-58	1,221	4,59,529	81,170	5,40,699	24,15,867	16,263
1958-59	1,750	5,54,680	88,117	6,42,797	24,04,251	98,165
1959-60	2,049	6,39,086	99,582	7,38,668	32,04,524	87,205
1960-61	2,198	7,09,150	1,09,034	8,18,184	36,03,954	93,601
1961-62	2,603	8,13,328	1,21,772	9,35,100	38,80,952	2,41,802
1962-63	2,853	9,20,903	1,32,933	10,53,796	44,68,457	11,69,667

TABLE NO. XXXII-A

SECONDARY SCHOOLS (HIGH PLUS HIGHER) BY MANAGERMENTS
(1955-56 to 1962-63)

EXPENDITURE BY SOURCES					COST PER PUPIL	
M.S.B.	Fees	Endowment	Others	Total	Govt.	Total
8	9	10	11	12	13	14
Rs	Rs	Rs	Rs	Rs	Rs	Rs
-	6,34,028	131	1,18,215	38,97,755	99	123
-	6,56,251	2,000	1,10,308	49,45,822	92	109
-	6,20,210	408	1,09,596	56,05,044	104	120
-	6,05,123	395	96,447	66,26,138	101	113
-	6,15,218	677	71,455	79,05,454	97	106
-	5,26,410	5,266	1,68,007	80,03,322	101	110
5,151	5,18,932	16,763	40,831	23,45,969	94	101
-	99,674	-	2,428	8,62,331	245	278
-	21,459	-	97	66,433	53	103
-	15,866	-	744	72,083	63	99
-	1,23,397	152	27,823	1,35,981	59	101
-	1,83,296	1,110	31,605	4,78,017	22	61
-	2,46,282	-	31,980	6,66,808	31	66
-	2,39,872	-	76,440	5,76,995	32	85
-	3,46,757	12,973	35,926	7,16,603	29	86
35	14,62,765	2,168	1,13,455	91,95,541	62	90
1,94,985	5,88,633	189	13,619	13,34,668	32	78
1,31,879	4,76,937	2,417	71,524	14,68,790	34	63
1,20,621	6,51,394	-	1,37,039	17,80,257	35	72
5,73,791	7,90,832	4,592	42,637	20,80,227	22	70
2,63,953	11,32,193	9,362	1,29,839	24,26,877	27	74
2,03,529	12,37,766	-	1,41,907	27,37,158	37	88
1,56,423	14,85,839	-	90,832	28,77,338	35	89
2,10,005	17,76,688	5,504	56,498	38,16,549	36	96
96,518	22969523	5,27,583	37,97,543	4,15,92,394	38	111
84,211	23940275	6,28,787	41,43,042	4,53,57,535	41	112
94,419	25255445	5,27,039	39,39,958	4,81,61,160	41	106
82,942	33168258	6,61,921	59,58,862	5,71,11,470	33	111
1,11,722	37627736	7,14,801	58,53,725	6,79,15,865	40	115
74,696	41032366	2,74,069	77,01,590	7,65,17,548	41	115
1,29,341	51293982	10,90,313	83,35,273	9,06,62,399	33	117
1,64,554	58476984	8,65,589	66,48,259	10,26,58,875	42	118
-	10,46,740	98,083	4,21,958	15,66,781	-	208
-	24,54,553	1,26,072	6,47,382	32,28,007	-	146
-	27,56,593	60,230	7,73,451	35,90,274	-	149
-	34,05,845	1,39,149	7,66,067	43,11,061	-	139
-	34,91,136	58,790	9,28,082	44,78,008	-	158
-	71,08,050	1,48,912	12,04,159	84,61,121	-	205
-	62,08,553	1,34,866	11,92,681	81,36,105	-	210
-	80,74,300	1,75,251	8,48,931	90,98,482	-	207
2,91,503	25260383	6,26,086	43,52,432	4,84,58,031	41.3	112.0
2,16,090	27543882	7,59,276	49,73,000	5,50,72,237	43.5	111.0
2,15,040	29307039	5,87,829	49,87,867	5,92,72,716	44.7	109.6
6,56,733	38153354	8,07,167	62,48,978	7,06,06,913	37.4	109.8
3,75,675	43112565	7,83,630	69,88,697	8,33,93,012	43.4	112.9
2,48,225	50144464	4,48,247	92,92,103	9,62,96,144	44.0	117.7
2,90,915	60454069	12,54,915	96,87,761	11,07,38,414	41.5	118.4
3,74,594	69890411	10,48,512	76,64,087	12,51,31,778	42.4	118.7

It may be stated here that many Government institutions have been transferred to the newly formed Zilla Parishads in Maharashtra State during 1962-63 as a result of which much variation will be observed in the figures regarding the institutions under the managements of Government and District School Boards (under which Zilla Parishads are classified). However, due to comparatively lesser reduction in expenditure the cost per pupil in Government institutions seems to be considerably increased.

It will be seen that the cost per pupil is also heavy in private unaided schools. These schools maintain a high standard and support themselves with fees.

The private aided schools come next. Here the grant-in-aid is about 35 per cent of the total expenditure. The dependability of these figures is a little doubtful.

The Municipal Schools play a small but useful role in the programme.

XVIII. VOCATIONAL SCHOOLS :

The enrolment at the second level of education is divided into two streams - general and vocational. In advanced industrialised countries, the enrolment in general secondary schools is about 30 per cent and that in vocational schools is about 70 per cent. In India as a whole, vocational education has not been developed and the total enrolment in vocational schools is only about one-eighth of that in the general secondary schools. The position in Maharashtra is similar.

The following table shows the total enrolment in vocational schools in Maharashtra from 1955-56 to 1962-63 :

TABLE ...

TABLE NO. XXXIII
ENROLMENT AT VOCATIONAL SCHOOLS (1955-56 to 1962-63)

YEAR	Agriculture	Arts & Crafts	Commerce	Engineering	Industrial & Technological	Medicine	Marine Training	Physical Education	Teachers' Training	Veterinary Science	Forestry	Others	TOTAL	Enrolment at Secondary Stage	% of Total Vocational Enrolment to that of Secondary Stage
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1955-56	632	5615	13649	110	4981	1585	50	76	12529	-	27	-	39248	297940	13.2
1956-57	1123	6376	18160	133	7626	3212	107	558	12450	139	40	-	50129	332450	15.1
1957-58	1526	5876	17435	315	10318	3725	123	215	12865	130	28	417	52973	363780	14.6
1958-59	2374	5468	17842	355	11710	4778	134	870	13746	167	32	683	58159	396817	14.7
1959-60	2308	-	24105	-	20846	4676	157	614	16041	270	82	1026	70128	456638	15.4
1960-61	2483	-	23583	4425	15261	4643	162	755	18613	271	93	836	71125	527962	13.5
1961-62	3005	-	7349	4253	17881	6013	156	927	19958	52	159	1098	60851	604380	10.1
1962-63	3623	-	8556	5821	17161	6461	156	1138	21607	98	165	1519	66305	684675	9.7

It will be seen that the total enrolment in vocational schools has increased from 39,248 in 1955-56 to 66,305 in 1962-63 or by 69 per cent. The large number of short-hand and type-writing classes which used to be included under 'Commercial Schools' were excluded in 1961-62 and this had led to a fall of about 16,000 students in Commercial Schools. The above increase has taken place in spite of this fall and is, therefore, very encouraging. Even then, the great need of expansion in this section is obvious.

The most outstanding increases have taken place in agriculture, engineering, Physical education and medicine. These are welcome developments, in keeping with what is happening in other parts of the country..

The schools formerly classified as Arts & Crafts are now shown under Industrial and Technological. This group also shows considerable expansion. But it includes a very large number of 'tailoring' classes, especially for women. The inclusion of their statistics does not have much validity and the point needs re-examination.

There is also not much point in including the Forestry and Veterinary Science Schools which seem obviously meant for departmental employees.

In planning vocational education, certain basic data about the number of institutions, enrolment, total expenditure (according to sources), cost per pupil, etc., are needed. These have been given in the following table :

TABLE ...

TABLE NO. XXXIV
STATISTICS OF VOCATIONAL SCHOOLS (1955-56 to 1962-63)

YEAR	Number of Institutions	ENROLMENT (In Institutions for)			DIRECT Government
		Boys	Girls	Total	
AGRICULTURE					
1955-56	9	632	-	632	3,09,290
1956-57	14	1,123	-	1,123	4,90,448
1957-58	20	1,526	-	1,526	6,16,312
1958-59	27	2,374	-	2,374	10,05,404
1959-60	28	2,308	-	2,308	13,21,431
1960-61	35	2,483	-	2,483	16,63,199
1961-62	37	3,005	-	3,005	17,77,815
1962-63	38	3,623	-	3,623	18,91,357
ARTS & CRAFTS					
1955-56	132	928	4,627	5,615	1,16,970
1956-57	132	638	5,733	6,376	1,13,903
1957-58	120	592	5,234	5,876	67,694
1958-59	121	909	4,559	5,468	1,75,215
1959-60	-	-	-	-	-
1960-61	-	(Merged in Technical Others)			-
1961-62	-	-	-	-	-
1962-63	-	-	-	-	-
COMMERCE					
1955-56	119	13,577	72	13,649	9,661
1956-57	141	17,746	414	18,160	10,264
1957-58	144	17,049	306	17,435	12,836
1958-59	145	17,842	-	17,842	6,776
1959-60	198	24,048	57	24,105	10,083
1960-61	240	23,529	54	23,583	36,629
1961-62	43	7,349	-	7,349	34,277
1962-63	49	8,556	-	8,556	34,886
ENGINEERING					
1955-56	1	110	-	110	6,338
1956-57	1	138	-	138	17,421
1957-58	3	315	-	315	51,429
1958-59	3	355	-	355	71,983
1959-60	-	-	-	-	-
1960-61	13	4,425	-	4,425	23,48,608
1961-62	15	4,253	-	4,253	23,27,303
1962-63	24	5,821	-	5,821	26,67,353
FORESTRY					
1955-56	1	27	-	27	31,351
1956-57	1	40	-	40	33,239
1957-58	1	28	-	28	51,515
1958-59	1	32	-	32	7,548
1959-60	2	82	-	82	10,608
1960-61	2	93	-	93	23,510
1961-62	2	159	-	159	33,602
1962-63	3	165	-	165	38,335
INDUSTRY					
1955-56	64	3,166	101	3,267	10,44,408
1956-57	82	3,847	91	3,938	12,53,186
1957-58	97	5,873	241	6,114	18,35,054
1958-59	147	6,278	394	6,672	30,33,082
1959-60	-	-	-	-	-
1960-61	-	(Merged in Technical Others)			-
1961-62	-	-	-	-	-
1962-63	-	-	-	-	-

TABLE NO. XXXIV
 STATISTICS OF VOCATIONAL SCHOOLS (1955-56 to 1962-63)

EXPENDITURE BY SOURCES						Cost per pupil to	
D.S.B.	M.S.B.	Fees	Endowment	Others	Total	Govt.	Total
-	-	-	-	2,30,605	5,39,895	489	854
-	-	-	-	2,01,193	6,91,641	437	616
-	-	-	-	3,12,080	9,28,392	404	608
-	-	-	-	2,87,905	12,93,309	424	545
-	-	-	-	1,43,465	14,64,896	573	635
-	-	4,520	-	3,04,427	19,72,146	670	794
-	-	7,013	-	1,99,712	19,84,540	592	660
50,940	-	9,474	-	1,52,231	21,04,002	522	581
-	8,126	2,93,723	24,572	1,87,243	6,30,639	21	112
-	1,000	2,81,854	17,887	1,20,429	5,34,273	18	84
-	2,850	2,99,744	22,858	1,21,320	5,14,466	12	88
1,240	10,553	2,94,323	12,585	1,21,202	6,15,123	32	113
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	5,47,033	7,350	20,781	5,84,825	0.71	43
-	200	6,48,870	9,926	66,327	7,35,587	0.57	41
-	151	6,85,895	9,779	55,455	7,64,116	0.74	44
-	-	7,26,201	10,305	78,637	8,21,919	0.38	46
-	50	9,23,265	17,563	1,08,429	10,59,390	0.42	44
75	100	11,19,077	1,358	46,492	12,03,731	1.55	51
-	100	4,70,264	14,649	15,829	5,35,119	4.66	73
2,652	100	5,67,289	12,000	17,774	6,34,701	4.08	74
-	-	32,310	-	39,462	78,110	58	710
-	-	32,435	-	18,849	74,705	126	541
-	-	52,114	-	19,531	1,23,074	163	391
-	2,000	52,574	8,270	-	1,34,827	203	320
-	-	5,65,883	1,379	1,45,283	35,61,153	644	805
-	-	6,66,336	57,393	24,339	30,55,371	547	718
-	-	8,97,475	52,264	1,96,225	38,13,317	458	655
-	-	-	-	-	31,351	1,161	1,161
-	-	-	-	-	33,289	832	832
-	-	-	-	-	51,515	1,840	1,840
-	-	-	-	-	7,543	236	236
-	-	-	-	2,961	13,569	130	165
-	-	-	-	-	23,510	253	253
-	-	-	-	-	33,602	211	211
-	-	-	-	-	38,335	232	232
1,819	16,864	43,763	2,455	2,06,011	13,15,320	320	403
2,540	13,019	51,291	9,848	1,68,920	14,98,804	318	381
1,444	32,100	1,50,985	1,880	2,64,778	22,85,941	300	374
944	38,481	1,23,893	75,101	1,10,702	33,82,203	454	507
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-

MEDICINE ...

TABLE NO. XXXIV - Contd.
STATISTICS OF VOCATIONAL SCHOOLS (1955-56 to 1962-63)

Y E A R	No. of Institu- tions	ENROLMENT (In Institutions for)			DIRECT Government
		Boys	Girls	Total	
MEDICINE					
1955-56	40	159	1,426	1,585	9,62,900
1956-57	55	1,285	1,927	3,212	6,51,368
1957-58	61	1,590	2,135	3,785	7,28,900
1958-59	64	1,910	2,868	4,778	7,46,013
1959-60	71	1,688	2,988	4,676	15,51,022
1960-61	78	1,570	3,073	4,643	12,51,923
1961-62	83	2,689	3,324	6,013	16,03,685
1962-63	85	2,434	4,027	6,461	17,35,288
PHYSICAL EDUCATION					
1955-56	2	76	-	76	20,244
1956-57	7	558	-	588	30,520
1957-58	10	184	31	215	28,620
1958-59	12	832	38	870	67,519
1959-60	12	585	29	614	82,412
1960-61	17	755	-	755	85,372
1961-62	19	927	-	927	1,27,050
1962-63	22	1,138	-	1,138	1,15,216
POLYTECHNIC					
1955-56	1	277	-	277	32,946
1956-57	5	1,490	-	1,490	3,97,904
1957-58	7	1,943	-	1,943	9,56,588
1958-59	8	2,378	-	2,378	15,25,937
1959-60	33	7,620	-	7,620	30,25,740
1960-61	4	204	-	204	1,46,455
1961-62	9	637	-	637	2,68,605
1962-63	-	(Merged Under Engineering)			-
HIGH TECHNOLOGY					
1955-56	4	1,019	-	1,019	64,061
1956-57	4	1,221	-	1,221	73,897
1957-58	4	1,407	-	1,407	73,276
1958-59	4	1,702	-	1,702	90,802
1959-60	-	-	-	-	-
1960-61	-	(Merged in Technical Others)			-
1961-62	-	-	-	-	-
1962-63	-	-	-	-	-
TECH. OTHERS					
1955-56	9	418	-	418	-
1956-57	11	977	-	977	14,123
1957-58	11	854	-	854	21,126
1958-59	9	958	-	958	21,347
1959-60	282	7,261	5,965	13,226	21,15,320
1960-61	310	9,294	5,763	15,057	44,52,054
1961-62	267	11,414	5,830	17,244	38,32,938
1962-63	282	11,926	5,235	17,161	47,70,505
BASIC TRAINING					
1955-56	78	8,046	3,172	11,218	23,62,424
1956-57	81	7,991	2,901	10,892	20,32,990
1957-58	87	7,887	3,035	10,922	22,08,594
1958-59	93	8,903	2,758	11,661	23,42,388
1959-60	113	10,680	3,167	13,847	27,57,617
1960-61	127	12,879	3,668	16,547	37,13,708
1961-62	132	13,924	4,186	18,110	36,36,680
1962-63	137	14,675	4,756	19,431	37,65,543

TABLE NO. XXXIV - Contd.
 STATISTICS OF VOCATIONAL SCHOOLS (1955-56 to 1962-63)

EXPENDITURE BY SOURCES						Cost per pupil to	
D.S.B.	M.S.B.	Fees	Endowments	Others	Total	Govt.	Total
-	1,45,756	13,283	20,214	2,03,304	13,45,457	608	849
-	1,27,340	93,736	22,659	3,17,265	12,12,368	203	377
-	1,74,134	1,61,041	22,677	2,83,339	13,70,091	196	368
200	1,45,911	1,99,642	2,590	1,39,584	12,33,940	156	258
2,200	1,13,898	1,26,997	15,751	4,74,938	22,84,806	332	489
-	1,22,652	1,76,306	13,602	4,45,448	20,09,931	270	433
200	99,400	3,83,335	16,833	3,56,875	24,60,328	267	409
-	1,22,958	4,30,021	75,119	2,91,268	26,54,654	269	411
-	-	23,952	-	1,483	45,679	266	601
-	400	53,166	9,789	19,887	1,13,762	55	204
-	-	60,319	4,077	18,941	1,19,957	133	558
-	-	81,855	4,077	31,694	1,85,145	78	213
-	2,150	96,881	2,683	10,345	1,94,471	134	317
-	800	1,74,113	5,394	68,460	3,24,139	113	442
-	500	2,41,133	135	19,551	3,88,669	137	419
-	-	2,45,150	-	50,421	4,10,787	101	361
-	-	28,781	11,439	2,797	75,963	119	274
-	-	1,08,516	10,058	16,979	5,33,457	267	358
-	-	1,47,476	13,500	68,534	11,86,098	492	610
-	-	1,92,061	1,764	19,558	17,39,320	642	731
-	-	6,51,798	400	1,48,931	38,26,869	397	502
-	-	17,896	-	19,779	1,84,130	718	903
-	-	76,276	-	2,41,503	5,86,384	422	921
-	-	-	-	-	-	-	-
-	-	2,15,787	12,639	20,653	3,13,140	63	307
-	-	2,32,806	-	9,055	3,15,758	61	259
-	-	2,90,570	-	13,350	3,77,196	52	268
-	-	3,25,737	1,222	16,883	4,34,644	53	255
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
-	-	24,654	-	3,513	28,167	-	67
-	-	59,780	21,911	209	96,023	14	98
-	-	60,551	-	41,859	1,23,536	25	145
-	-	56,182	-	23,607	1,01,136	22	106
944	23,092	3,75,983	19,902	5,05,855	30,41,096	160	230
804	27,027	7,01,824	36,331	5,13,316	57,31,356	296	381
944	28,668	7,75,080	5,280	4,59,861	51,02,771	222	296
-	34,067	8,73,901	30,216	4,01,054	61,09,743	278	356
18,318	30,468	3,39,759	26,909	2,17,960	29,95,838	211	267
20,756	22,435	2,89,479	7,304	1,69,061	25,42,025	187	233
3,685	22,613	3,23,892	7,637	2,96,355	28,62,776	202	262
3,608	10,000	69,143	20,983	3,42,882	30,99,004	201	266
1,750	43,154	4,68,266	71,199	3,95,086	37,37,072	199	270
750	51,730	5,78,662	10,268	4,62,930	48,18,048	224	291
580	23,227	6,76,651	30,575	5,09,287	48,77,000	201	269
-	25,696	7,94,518	37,320	4,53,460	50,76,537	194	261

TABLE NO. XXXIV - Concl'd.

STATISTICS OF VOCATIONAL SCHOOLS (1955-56 to 1962-63)

YEAR	Number of 'Institutions'	ENROLMENT (In Institutions for)			DIRECT Government
		Boys	Girls	Total	
<u>NORMAL TRAINING</u>					
1955-56	33	739	572	1,311	27,402
1956-57	42	204	1,354	1,558	97,226
1957-58	45	437	1,506	1,943	1,19,721
1958-59	46	1,449	636	2,085	1,13,134
1959-60	43	1,394	800	2,194	2,03,463
1960-61	43	1,253	813	2,066	3,14,337
1961-62	50	1,097	751	1,848	3,02,794
1962-63	46	1,423	753	2,176	3,14,734
<u>VETERINARY</u>					
1955-56	-	-	-	-	-
1956-57	2	139	-	139	43,437
1957-58	2	130	-	130	44,657
1958-59	3	167	-	167	46,156
1959-60	4	270	-	270	75,421
1960-61	4	271	-	271	75,768
1961-62	1	52	-	52	45,947
1962-63	1	98	-	98	46,249
<u>OTHER PROFESSIONAL</u>					
1955-56	1	50	-	50	3,64,912
1956-57	1	107	-	107	4,96,566
1957-58	4	540	-	540	6,19,295
1958-59	6	817	-	817	6,54,591
1959-60	8	1,183	-	1,183	6,26,453
1960-61	8	998	-	998	7,54,413
1961-62	8	1,254	-	1,254	9,00,198
1962-63	10	1,676	-	1,675	9,39,354
<u>TOTAL PROFESSIONAL</u>					
1955-56	494	29,224	10,024	39,248	53,52,907
1956-57	579	37,704	12,425	50,129	57,55,742
1957-58	615	40,355	12,618	52,973	73,90,960
1958-59	688	46,906	11,253	58,159	99,07,895
1959-60	799	57,122	13,006	70,128	1,17,79,570
1960-61	836	57,754	13,371	71,125	1,53,65,976
1961-62	666	46,760	14,091	60,851	1,48,70,894
1962-63	697	51,534	14,771	66,305	1,63,18,820

TABLE NO. XXXIV - Concl'd.

STATISTICS OF VOCATIONAL SCHOOLS (1955-56 to 1962-63)

EXPENDITURE BY SOURCES						Cost per pupil to	
D.S.B.	M.S.B.	Fees	'Endowment'	Others	Total	Govt.	Total
-	-	83,316	3,071	25,081	1,38,870	21	106
-	-	1,01,658	11,749	49,552	2,60,185	62	167
-	300	1,44,916	10,576	1,10,140	3,85,653	62	198
-	150	1,32,977	7,667	54,691	3,08,619	54	148
-	800	1,76,506	2,322	95,881	4,78,972	93	218
-	201	1,48,749	2,871	70,152	5,36,310	152	260
-	650	1,73,622	19,812	71,454	5,68,332	164	307
-	301	1,87,971	7,087	61,366	5,71,459	145	263
-	-	-	-	-	43,437	312	312
-	-	-	-	-	44,657	343	343
-	-	-	-	-	46,156	276	276
-	-	-	-	-	75,421	279	279
-	-	-	-	-	75,768	280	280
-	-	-	-	-	45,947	884	884
-	-	-	-	-	46,249	472	472
-	-	31,958	-	10,184	4,07,054	7,298	8,140
-	-	47,075	-	9,969	5,53,610	4,641	5,174
-	-	54,360	-	11,858	6,85,513	1,147	1,269
-	-	67,410	-	12,055	7,34,056	801	898
-	-	92,694	-	14,906	7,34,053	530	620
-	-	93,250	-	15,653	8,63,316	756	865
-	-	94,602	-	13,552	10,08,352	718	804
-	-	1,00,120	-	10,965	10,50,439	561	627
20,137	2,01,214	16,78,324	1,08,649	11,69,077	85,30,308	136	217
23,296	1,64,394	20,06,666	1,21,131	11,67,695	92,38,924	115	184
5,129	2,32,148	24,31,863	92,684	16,17,540	1,17,70,324	139	222
15,992	2,07,095	26,22,003	1,44,564	12,39,400	1,41,36,949	170	243
4,894	1,83,144	29,12,390	1,29,820	19,00,797	1,69,10,615	163	241
1,629	2,02,510	35,80,230	71,203	20,91,940	2,13,13,538	216	300
1,724	1,52,545	35,64,312	1,44,677	19,11,963	2,06,46,115	244	339
53,592	1,83,122	41,05,919	2,14,006	16,34,764	2,25,10,223	246	340

It will be seen that -

(1) the agriculture schools are costly (Rs 581 per head). Most of them are run by Government and most of the expenditure is also borne by Government ;

(2) The commerce schools are least costly and almost self-supporting. The inclusion of short-hand and type-writing classes vitiates the statistics considerably;

(3) the engineering schools are costly, by far the costliest. But here the income from fees is larger than that in the agricultural schools. Nearly 70 per cent of the financial support is provided by Government ;

(4) schools of medicine are not as costly as those of engineering and agriculture. Here about 65 % of the financial support is provided by Government ;

(5) the polytechnics show a large reduction ;

(6) the other technical schools include more than 150 tailoring classes for women. They are better omitted.

From 1962-63, Polytechnic institutions, other than "Polytechnic Others" have been grouped under Engineering (and Technology) as per instructions from Government of India.

XIX : HIGHER EDUCATION : GENERAL PROGRESS :

The following table shows the number of institutions, total enrolment (separately for boys and girls), and total direct expenditure (according to sources) on higher education in Maharashtra from 1955-56 to 1962-63 :

TABLE ...

TABLE NO. XXXV
STATISTICS OF HIGHER EDUCATION (1955-56 to 1962-63)

Year	'No. of 'Insti- 'tutions'	ENROLMENT			DIRECT EXPENDITURE BY SOURCES						
		Boys	Girls	Total	Government	D.S.B.	M.S.B.	Fees	'Endowments	Others	Total
1955-56	136	61202	12887	74089	13712437	5000	625839	17367037	801126	2213279	34727718
% of expenditure to total					39.5	0.0	1.8	50.0	2.3	6.4	100.0
1956-57	156	65955	15311	81266	13677860	5000	672330	19243237	589236	2164795	36352458
% of expenditure to total					37.6	0.0	1.8	52.0	1.6	6.1	100.0
1957-58	166	70141	17054	87195	15872990	2001	790646	21691826	493084	3247743	42098390
% of expenditure to total					37.7	0.0	1.9	51.5	1.2	7.7	100.0
1958-59	194	77915	19436	97351	15337316	-	835106	25059971	96672	5452439	46782004
% of expenditure to total					32.8	-	1.8	53.6	0.2	11.6	100.0
1959-60	221	85111	22364	107475	19265516	-	1243600	28274612	79635	6485484	55348847
% of expenditure to total					34.8	-	2.2	51.1	0.1	11.8	100.0
1960-61	265	89898	24053	113951	26644919	51001	1527083	30815985	690902	6161466	65891356
% of expenditure to total					40.4	0.1	2.3	46.8	1.0	9.4	100.0
1961-62	341	103430	28359	131789	30872381	112717	1447655	35540293	1098837	7381600	76453483
% of expenditure to total					40.4	0.2	1.9	46.5	1.4	9.6	100.0
1962-63	336	112963	32523	145486	36040583	17542	1751163	45795733	1847863	5800091	91252980
% of expenditure to total					39.5	0.0	1.9	50.2	2.0	6.4	100.0

The Table includes University Departments, Research Institutions and Boards of Secondary Education.

It will be seen from the above table that the total number of institutions has increased from 136 in 1955-56 to 386 in 1962-63 (an increase of 184 per cent).

The enrolment of boys has increased from 61,202 to 1,12,963 (or by 85 %) and that of girls from 12,887 to 32,523 (or by 152 %). Proportionately, the increase in the enrolment of girls have been greater than that of boys. In 1955-56, the number of girls for every 100 boys enrolled was 21.0 in 1962-63, it had increased to 28.8.

The total direct expenditure on higher education has increased from Rs 347.28 lakhs in 1955-56 to Rs 912.53 lakhs in 1962-63 (or by 163 %). The increase is shared by all the sources. The expenditure from Government funds has increased from Rs 137.12 lakhs to Rs 360.41 lakhs. But the proportion of the Government contribution to the total expenditure has remained fairly constant - it was 39.5 in 1955-56 and remained the same in 1962-63. The increase in receipt from fees has also been very large - fees rose from Rs 173.67 lakhs in 1955-56 to Rs 458.0 lakhs in 1962-63 and the proportion of fees to total expenditure has also remained fairly constant at 50 %. The expenditure from other sources shows considerable increase - ^{from} Rs 22.18 lakhs in 1955-56 to Rs 58.00 lakhs in 1962-63, though it bears the same % of 6.4 to the total expenditure, in both these years.

Institutions of Higher Education :

The following table shows the increase in the number of institutions of higher education in Maharashtra from 1955-56 to 1962-63 :

TABLE NO. XXXVI
NUMBER OF INSTITUTIONS IMPARTING HIGHER EDUCATION

<u>C a t e g o r i e s</u>	<u>1955-56</u>	<u>1956-57</u>	<u>1957-58</u>	<u>1958-59</u>	<u>1959-60</u>	<u>1960-61</u>	<u>1961-62</u>	<u>1962-63</u>
Universities	4	4	4	5	5	5	5	6
Research Institutions	13	14	15	15	16	15	15	15
Boards of Secondary Education	2	2	2	2	2	2	2	2
Arts and Science Colleges	48	53	53	58	64	81	105	119
Agriculture	3	4	4	4	4	5	5	5
Applied Arts and Architecture	1	1	1	1	1	2	3	3
Commerce	7	7	9	9	10	14	15	16
Post-graduate Basic Training	2	3	3	3	3	3	3	3
Post-graduate non-Basic Training	8	9	9	9	11	13	16	17
Undergraduate Basic Training	19	23	32	50	63	76	113	136
Engineering	5	5	5	5	5	7	7	8
Law	6	8	8	8	8	8	8	8
Medicine	12	14	12	13	14	15	17	20
Physical Education	1	1	1	1	1	4	4	4
Technology	1	1	1	1	2	2	2	2
Veterinary	1	1	1	2	2	2	2	2
Other Professionals	1	1	1	1	1	2	2	6
Other fine Arts	-	-	-	1	1	1	1	1
Oriental Studies	-	2	2	2	3	3	4	4
Social Education	1	1	1	1	1	1	2	2
Other Special	1	2	2	3	4	4	10	7
GRAND TOTAL	136	156	166	194	221	265	341	386

It will be seen that the most outstanding increases have taken place in under-graduate training institutions for teachers (which have increased from 19 in 1955-56 to 136 in 1962-63), in colleges of Arts and Science (which have increased from 48 in 1955-56 to 119 in 1962-63) and in colleges of Commerce (which have increased from 7 in 1955-56 to 16 in 1962-63). Universities have increased from 4 to 6, research institutions from 13 to 15 ; colleges of Agriculture from 3 to 5 ; colleges of Engineering from 5 to 8 ; and colleges of Medicine from 12 to 20.

Enrolment of Higher Education :

The following table shows the total enrolment in higher education in Maharashtra between 1955-56 and 1962-63 :

TABLE ...

TABLE NO. XXXVII
ENROLMENT AT HIGHER EDUCATION

Category	1955-56			1956-57			1957-58			1958-59		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Universities	1433	272	1708	1635	245	1880	1750	246	1996	1949	316	2265
Research Institutions	129	58	187	147	51	198	172	95	267	184	71	255
Arts & Science Colleges	39466	10206	49652	42618	12168	54786	44994	13719	58713	51189	15677	66866
Agriculture	840	5	845	925	5	930	972	4	976	1128	4	1132
Applied Arts & Architecture	1110	223	1333	1104	279	1383	1109	276	1385	312	17	329
Commerce	5464	255	5719	5354	286	6140	7111	339	7450	7570	382	7952
Post-Graduate Basic	62	8	70	91	11	102	80	11	91	76	13	89
Post-Graduate Non-Basic	688	267	965	723	283	1006	819	371	1190	700	284	984
Under-Graduate Non-Basic	426	693	1121	561	854	1415	491	816	1307	930	1112	2042
Engineering	4406	4	4410	4376	2	4378	4352	8	4360	4112	12	4124
Law	3363	120	3483	3393	145	4038	4140	207	4347	4484	244	4728
Medicine	3298	756	4054	3582	855	4437	3315	893	4208	3390	979	4369
Physical Edn	77	16	93	67	15	82	66	18	84	76	16	92
Technology	114	-	114	96	-	96	119	-	119	114	-	114
Veterinary	252	-	252	246	-	246	261	-	261	325	1	326
Other Professional	55	2	57	58	-	58	122	1	123	317	-	317
Other Fine Arts	-	-	-	-	-	-	-	-	-	350	165	515
Oriental Studies	-	-	-	37	3	40	31	3	34	46	-	46
Social Education	67	49	116	65	51	116	84	46	130	116	47	163
Other Special	7	-	7	100	-	100	154	-	154	448	16	464
GRAND TOTAL	61202	12827	74089	65955	15311	81266	70141	17054	87195	77915	19436	97351

TABLE NO. XXXVII

ENROLMENT AT HIGHER EDUCATION

1959-60		1960-61			1961-62			1962-63			
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
2170	24	2544	2592	466	3058	2662	520	3182	2783	647	3430
269	73	344	212	88	298	212	96	308	243	97	340
55661	17424	30885	56069	18239	75208	65621	21136	86757	72185	23823	96008
1466	0	1471	1661	5	1666	2038	8	2046	2350	5	2355
528	0	549	904	156	1060	1535	166	1701	1721	210	1931
8624	430	9054	10307	535	10842	11085	570	11655	12149	592	12741
81	9	90	100	14	114	98	8	106	100	11	111
680	419	1099	1020	529	1549	1218	606	1824	1327	661	1988
1572	1709	3273	1528	1764	3292	2646	2462	5108	3103	3056	6159
3978	0	3989	4378	14	4392	4926	15	4941	4928	23	4951
4441	0	4683	4089	253	4342	4396	262	4658	3945	250	4195
3594	1141	4735	3576	1274	4850	3891	1522	5413	4681	2051	6732
68	35	83	67	9	76	62	10	72	58	4	62
396	0	396	656	0	656	924	0	924	1218	4	1222
331	2	333	330	2	332	364	3	367	300	3	303
206	1	207	332	4	336	285	5	290	529	24	553
339	0	501	346	161	507	310	187	497	319	194	513
161	0	173	171	26	197	197	15	212	184	1	185
120	49	169	129	51	180	128	100	228	134	96	230
805	483	908	536	460	996	832	668	1500	706	771	1477
86111	22364	107475	89898	24059	113957	103430	23359	131789	112963	32523	145486

It will be seen that the total enrolment has increased from 74,039 (61,202 boys and 12,837 girls) in 1955-56 to 1,45,486 (1,12,963 boys and 32,523 girls) in 1962-63. This implies an increase of 10.1 per cent per annum. It will also be seen that the increase is very rapid between 1960-61 and 1962-63. This is due to the fact that the increase at the secondary stage (which took place because of the E.B.C. concessions introduced in 1959-60) is now being reflected at the collegiate stage. For the next few years, the expansion at the collegiate stage will be very rapid and will reflect the rapid increase that is now taking place at the secondary stage. The position may take 7 or 8 years to stabilise itself.

It will be found that very large increases have taken place in the enrolment in Arts and Science colleges (from 49,652 in 1955-56 to 96,008 in 1962-63) ; colleges of Commerce (from 5,719 to 12,741) ; and under-graduate institutions of training (from 1,121 to 6,159). The increase in the enrolment in agricultural colleges (from 845 to 2,355), in colleges of Medicine (from 4,054 to 6,732) and in the Universities (from 1,708 to 3,430) is also remarkable.

Expenditure :

The following table shows the total expenditure incurred on higher education in Maharashtra from 1955-56 to 1962-63, arranged according to the type of institutions :

TABLE ...

TABLE NO. XXXVIII
EXPENDITURE ON HIGHER EDUCATION

CATEGORY	1955-56	1956-57	1957-58	1958-59	1959-60	1960-61	1961-62	1962-63
	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs
Universities	63,71,256	78,98,654	90,50,128	1,04,41,579	1,24,76,984	1,34,03,734	1,61,94,080	1,71,47,735
Research Institutions	19,71,545	20,04,433	30,79,740	15,77,343	17,91,701	21,76,309	21,41,156	17,22,782
Boards of Secondary Edn.	10,28,804	25,53,561	33,13,165	37,61,707	43,87,384	35,05,068	40,73,214	42,69,836
Arts and Science	1,46,13,474	1,52,92,300	1,72,33,003	1,91,25,991	2,15,58,544	2,46,44,047	2,89,53,106	3,44,40,743
Agriculture	8,48,548	10,79,258	11,24,064	16,50,031	18,59,930	23,07,230	21,89,372	22,98,741
Applied Art & Architecture	4,29,652	4,93,195	6,58,501	1,36,113	1,37,913	3,48,656	8,79,478	9,57,316
Commerce	11,96,696	11,58,420	13,95,375	16,25,882	15,33,193	24,67,249	28,52,488	32,30,361
Post-Graduate Basic Trg.	94,442	1,13,189	1,22,329	1,32,766	1,27,245	1,36,536	1,16,367	1,50,234
Post-Graduate Non-Basic Trg.	4,81,852	6,06,963	6,66,997	7,19,203	9,06,824	10,69,072	11,70,276	13,16,472
Under Graduate Non-Basic Trg.	2,48,671	2,17,710	2,59,269	3,30,986	4,93,803	5,64,596	8,95,715	11,20,573
Engineering	25,72,661	23,58,613	25,85,354	31,46,265	35,48,045	37,92,919	39,78,958	46,09,209
Law	5,09,384	5,66,847	6,89,662	7,75,485	7,44,866	7,99,372	9,90,762	9,41,162
Medicine	45,40,814	36,18,556	33,96,206	54,88,888	60,63,584	74,96,068	71,67,622	82,87,388
Physical Education	93,966	95,161	91,795	97,979	1,00,888	1,40,035	1,45,385	1,18,567
Technology	2,30,760	1,89,369	2,06,748	2,10,826	21,69,058	45,03,059	62,24,359	79,90,101
Veterinary	1,81,421	2,28,060	2,36,527	3,13,769	6,77,480	7,02,480	8,21,324	8,36,312
Other Professional	99,582	73,857	1,78,095	1,70,044	1,88,972	2,36,846	2,72,901	4,09,961
Other Fine Arts	-	-	-	2,14,660	1,81,795	1,81,851	1,65,919	1,92,843
Oriental Studies	-	29,845	31,652	32,821	31,030	45,917	58,640	64,110
Social Education	2,73,242	2,89,495	3,25,747	3,44,775	3,51,023	3,84,422	3,37,402	4,27,382
Other Special	5,752	38,533	2,67,099	2,46,598	4,00,968	4,90,968	8,98,173	7,21,152
GRAND TOTAL	3,57,56,522	3,89,06,019	4,54,11,555	5,05,43,711	5,97,36,231	6,93,96,424	8,05,26,697	9,12,52,980

It will be seen that increases have taken place in almost all sectors, broadly in keeping with the increase in enrolment which has been referred to already. For instance, the expenditure on universities has increased from Rs 63.7 lakhs in 1955-56 to Rs 171.5 lakhs in 1962-63. During the same period, the expenditure on colleges of Arts and Science has increased from Rs 146.13 lakhs to 344.41 lakhs ; on colleges of Commerce from 11.97 lakhs to 32.30 lakhs ; on colleges of Agriculture from 8.49 lakhs to 22.99 lakhs ; on colleges of Engineering from 25.73 lakhs to 46.09 lakhs ; on colleges of medicine from 45.4 lakhs to 82.87 lakhs and on colleges of Technology from 2.31 lakhs to 79.90 lakhs (major portion of which is for the Indian Institute of Technology, Bombay).

The following table compares the enrolment in colleges of Arts, Science and Commerce with that in other colleges from 1955-56 to 1962-63 :

TABLE NO. XXXIX
ENROLMENT IN GENERAL AND OTHER COLLEGES

YEAR		ENROLMENT IN COLLEGES		% of enrolment in other colleges to that in Arts, Science Commerce Colleges.
		Arts Science Commerce	All Others	
1955-56	Boys	44,910	16,292	36.3
	Girls	10,461	2,426	23.2
	Total	55,371	18,718	<u>33.8</u>
1956-57	Boys	48,472	17,483	36.1
	Girls	12,454	2,857	22.9
	Total	60,926	20,340	<u>33.4</u>
1957-58	Boys	52,105	18,036	34.6
	Girls	14,058	2,996	21.3
	Total	66,163	21,032	<u>31.8</u>
1958-59	Boys	58,759	19,156	32.6
	Girls	16,059	3,377	21.0
	Total	74,818	22,533	<u>30.1</u>
1959-60	Boys	64,235	20,826	32.4
	Girls	17,354	4,510	25.3
	Total	82,139	25,336	<u>30.8</u>
1960-61	Boys	67,276	22,622	33.6
	Girls	18,774	5,279	28.1
	Total	86,050	27,901	<u>32.4</u>
1961-62	Boys	79,580	23,850	30.0
	Girls	22,322	6,037	27.0
	Total	1,01,902	29,887	<u>29.3</u>
1962-63	Boys	87,360	25,603	29.3
	Girls	25,159	7,364	29.3
	Total	1,12,519	32,967	<u>29.3</u>

In India, the enrolment in general education (that is, colleges of Arts, Science and Commerce) is much larger than the enrolment in Professional colleges. In advanced industrialised countries, the proportion is just the opposite.

It will be seen from the above table that the enrolment in all other colleges was only 33.8 % of the total enrolment in colleges of Arts, Science and Commerce during 1955-56. In the last 6 years, this proportion has continuously gone down and in 1962-63, the enrolment in other colleges was only 29.3 % of the enrolment in colleges of Arts, Science and Commerce. It must be remembered that the enrolment in other colleges has also increased substantially during this period - from 18,718 in 1955-56 to 32,967 in 1962-63. But during the same period, the increase in the enrolment in colleges of Arts, Science and Commerce has been much greater with the result that the proportion of the enrolment in Professional colleges to that in the colleges of Arts, Science and Commerce has fallen down still further. This is a trend that needs to be checked.

The following table compares the position of higher education in Maharashtra with that in other States for 1961-62 :

TABLE ...

TABLE NO. XL
STATISTICS OF HIGHER EDUCATION (1961-62)

STATE	Popula- tion (000s) As on 31.3.62	TOTAL ENROLMENT			'Total en- rolment at Arts, 'Science & 'Commerce	% of A.S.C.to total en- rolment	'Total Expendi- ture 'Rs in lakhs	ENROLMENT PER 1000 POPULATION			'Total ex- penditure 'per head of 'population
		Boys	Girls	Total				Boys	Girls	Total	
1	2	3	4	5	6	7	8	9	10	11	12
Andhra Pradesh	3,68,63	51,978	8,346	60,324	44,613	74.0	354.17	1.41	0.23	1.64	0.96
Assam	1,21,60	27,861	4,332	32,193	29,383	91.3	127.26	2.29	0.36	2.65	1.05
Bihar	4,75,92	98,762	7,171	1,05,933	90,526	85.5	337.51	2.07	0.15	2.22	0.71
Gujarat	2,11,34	43,675	8,499	52,174	40,452	77.5	374.43	2.07	0.40	2.47	1.77
Jammu & Kashmir	36,53	7,416	2,619	10,035	8,311	82.8	55.36	2.03	0.72	2.75	1.52
Kerala	1,73,11	35,212	15,151	50,363	41,632	82.7	218.16	2.03	0.87	2.90	1.26
Madhya Pradesh	3,31,69	46,939	7,598	54,537	34,477	63.2	390.42	1.42	0.23	1.65	1.18
Madras	3,45,03	58,413	15,732	74,145	45,312	61.1	456.19	1.69	0.46	2.15	1.32
Maharashtra	4,05,10	1,00,326	28,126	1,28,452	99,754	77.7	764.53	2.43	0.69	3.17	1.89
Mysore(1960-61)	2,35,87	42,966	8,471	51,437	36,876	71.7	261.52	1.82	0.36	2.18	1.11
Orissa	1,79,82	15,402	2,001	17,403	13,123	75.4	76.38	0.86	0.11	0.97	0.42
Punjab	2,08,01	45,477	13,298	58,775	47,394	80.6	331.37	2.19	0.64	2.83	1.83
Rajasthan	2,06,45	28,342	4,425	32,767	26,252	80.1	223.86	1.37	0.21	1.58	1.08
Uttar Pradesh	7,55,50	2,39,497	35,900	2,75,397	2,45,526	89.2	958.74	3.17	0.48	3.65	1.27
West Bengal	3,57,89	1,08,146	34,366	1,42,512	1,21,638	85.4	726.72	3.02	0.96	3.98	2.03
ALL INDIA	44,97,54	9,72,363	2,04,882	11,77,245	9,49,462	80.7	6122.43	2.16	0.45	2.61	1.36

It will be seen that, taking India as a whole, only 2.61 persons are enrolled in institutions of higher education for every thousand of population. This proportion is the highest in West Bengal (3.98 %). Next in order comes Uttar Pradesh (3.65 %) while Maharashtra comes third with 3.17 %.

The total expenditure on higher education per capita of population is Rs 1.36 for India as a whole. This is highest in West Bengal (Rs 2.03). Maharashtra stands second with an expenditure of Rs 1.89 per head of the population on higher education.

University Teachers :

The following table gives the number of university teachers in position from 1955-56 to 1962-63 :

TABLE ...

TABLE NO. XLI
TEACHERS IN COLLEGES IN MAHARASHTRA STATE

Y E A R	G E N E R A L			P R O F E S S I O N A L		
	Men	Women	Total	Men	Women	Total
1955-56	1491	260	1751	1317	67	1384
1956-57	2202	368	2570	1514	101	1615
1957-58	2240	434	2674	1480	91	1571
1958-59	2400	489	2889	1967	150	2117
1959-60	2544	523	3067	1199	98	1297
1960-61	2890	653	3543	2529	216	2745
1961-62	3380	793	4173	2996	288	3284
1962-63	3478	806	4284	3187	357	3544
	Total Enrolment	Student- Teacher Ratio		Total Enrolment	Student- Teacher Ratio	
1955-56	49652	28.3		22419	16.2	
1956-57	54786	21.3		24146	14.9	
1957-58	58713	22.0		25901	16.5	
1958-59	66866	23.1		26782	12.7	
1959-60	73085	23.8		29751	22.9	
1960-61	75208	21.2		33507	12.2	
1961-62	86757	20.8		39105	11.9	
1962-63	96008	22.4		43303	12.2	

TABLE NO. XLI
TEACHERS IN COLLEGES IN MAHARASHTRA STATE

S P E C I A L			T O T A L		
Men	Women	Total	Men	Women	Total
19	5	24	2827	332	3159
45	6	51	3761	475	4236
49	5	54	3769	530	4299
102	8	110	4469	647	5116
103	26	129	3846	647	4493
132	30	162	5551	899	6450
202	33	235	6578	1114	7692
166	64	230	6831	1227	8058
Total Enrolment	Student-Teacher Ratio		Total Enrolment	Student-Teacher Ratio	
123	5.1		72194	22.9	
236	5.1		79188	18.7	
318	5.9		84932	19.8	
1188	10.8		94835	18.5	
1751	13.6		104587	23.3	
1880	11.6		110595	17.1	
2437	10.4		128299	16.7	
2405	10.5		141716	17.6	

It will be seen that the total number of teachers has increased from 3,159 in 1955-56 to 8,058 in 1962-63 (an increase of 155 %). Most of this increase has taken place among men teachers (their number has increased from 2,827 to 6,831) and the increase among women teachers is comparatively small (from 332 in 1955-56 to 1,227 in 1962-63). It will, however, be seen that the rate of increase among women teachers (20.5 % per year) is much higher than that among men teachers (13.4 % per year).

The overall pupil-teacher ratio in higher education was 22.9 in 1955-56 (23.3 in colleges of general education, 16.2 in those of professional education, and 5.1 in those of special education). In 1962-63, this had fallen to 17.6 (22.4 in colleges of general education, 12.2 in those of professional education and 10.5 in those of special education).

XX COLLEGES OF ARTS AND SCIENCE :

The following table shows the number of institutions, enrolment and direct expenditure (by sources) in colleges of Arts and Science in Maharashtra from 1955-56 to 1962-63 :

TABLE ...

TABLE NO. XLII

ARTS AND SCIENCE COLLEGES BY MANAGEMENT

YEAR	No. of Institutions	EN R O L M E N T (In institutions for)			DIRECT	
		Boys	Girls	Total	Govt.	D.S.B.
<u>GOVERNMENT</u>						
1955-56	7	7035	-	7035	1810504	-
1956-57	8	7521	-	7521	2070116	-
1957-58	8	7480	-	7480	2395036	-
1958-59	8	7977	-	7977	1770921	-
1959-60	8	8234	-	8234	1949484	-
1960-61	8	8434	-	8434	2907433	-
1961-62	8	8553	-	8553	2824231	-
1962-63	8	8489	-	8489	3198935	-
<u>PRIVATE AIDED & UN AIDED</u>						
1955-56	41	40386	2231	42617	1942231	5000
1956-57	45	44823	2442	47265	2113604	5000
1957-58	45	48471	2762	51233	2273738	2001
1958-59	50	55482	3407	58889	2089293	-
1959-60	56	61216	3635	64851	1866625	-
1960-61	73	63212	3638	66850	2358287	51001
1961-62	97	74149	4055	78204	3475710	112617
1962-63	111	82781	4738	87519	4742745	16000
<u>T O T A L</u>						
1955-56	48	47421	2231	49652	3752735	5000
1956-57	53	52344	2442	54786	4183720	5000
1957-58	53	55951	2762	58713	4668774	2001
1958-59	58	63459	3407	66866	3860214	-
1959-60	64	69450	3635	73085	3816109	-
1960-61	81	71646	3638	75284	5265720	51001
1961-62	105	82702	4055	86757	6299941	112617
1962-63	119	91270	4738	96008	7941680	16000

TABLE NO. XLII

ARTS AND SCIENCE COLLEGES BY MANAGEMENT

EXPENDITURE BY SOURCES					COST PER PUPIL to	
M.S.B.	Fees	Endowments	Others	TOTAL	GOVT.	TOTAL
-	1100740	214869	88999	3215112	257	457
-	1096311	89668	24335	3280430	275	436
-	1104316	22179	120557	3642088	320	487
-	1142842	19282	543738	3476783	222	436
-	1649601	-	81885	3680970	237	447
-	938418	-	69275	3915126	345	464
-	966618	13754	87013	3891616	330	455
-	1022470	29872	81217	4332494	377	510
3762	8660749	42773	743847	11398362	46	267
10220	9157242	123817	601987	12011870	45	254
5010	10316014	120193	873959	13590915	44	265
3000	12245488	9276	1302151	15649208	35	266
-	13969733	-	2041216	17877574	29	276
18100	15266707	9755	3025071	20728921	35	310
53751	18035471	533360	2850581	25061490	44	320
93092	22024993	345634	2885785	30108249	54	344
3762	9761489	257642	832846	14613474	76	294
10220	10253553	213485	626322	15292300	76	279
5010	11420330	142372	994516	17233003	80	294
3000	13388330	28558	1845889	19125991	58	286
-	15619334	-	2123101	21558544	52	295
18100	16205125	9755	3094346	24644047	70	328
53751	19002089	547114	2937594	28953106	73	334
93092	23047463	375506	2967002	34440743	83	359

It will be seen from the above table that the Government colleges are very few and their number has remained constant at 8 since 1956-57. The total enrolment of these institutions (which are all co-educational) was 7,035 in 1955-56 and has increased to 8,489 in 1962-63 (which is 8.8 per cent of the total enrolment in colleges of Arts and Science in 1962-63). The total expenditure on Government colleges was Rs 32.15 lakhs in 1955-56 and increased to Rs 43.32 lakhs in 1962-63. The total cost per pupil per year in Government colleges of Arts and Science has, however, remained fairly constant at about Rs 450. Government bears about Rs 330 out of this cost.

The bulk of the educational facilities in this sector are provided by private colleges, aided and unaided. Almost every college is now on the aided list. The total enrolment in these institutions (the majority of which is co-educational) is 87,519. Their expenditure per pupil per year was Rs 267 in 1955-56 (of which Rs 46 was met from Government funds) and rose to Rs 344 in 1962-63 (of which only Rs 54 was met from Government funds). It will thus be seen that the contribution from Government funds to private colleges of Arts and Science is comparatively limited.

XXI PROFESSIONAL COLLEGES :

The following table gives the detailed statistics of the number of institutions, enrolment and direct expenditure by sources on colleges of professional education in Maharashtra (arranged according to type) from 1955-56 to 1962-63 :

TABLE NO. XLIII
STATISTICS FOR PROFESSIONAL COLLEGES (1955-56 to
1962-63)

Y. E. A. R.	No. of Institu- tions	EN R O L M E N T			D I R E C T	
		Boys	Girls	Total	Govt.	D.S.B.
1	2	3	4	5	6	7
<u>AGRICULTURE</u>						
1955-56	3	840	5	845	730210	-
1956-57	4	925	5	930	836515	-
1957-58	4	972	4	976	889237	-
1958-59	4	1128	4	1132	1269943	-
1959-60	4	1465	6	1471	1350577	-
1960-61	5	1661	5	1666	1927018	-
1961-62	5	2038	8	2046	2035423	-
1962-63	5	2350	5	2355	2101898	-
<u>APPLIED ART & ARCHITECTURE</u>						
1955-56	1	1110	223	1333	267492	-
1956-57	1	1104	279	1383	318547	-
1957-58	1	1109	276	1385	466501	-
1958-59	1	312	17	329	28713	-
1959-60	1	528	21	549	28713	-
1960-61	2	904	156	1060	177771	-
1961-62	3	1535	166	1701	669487	-
1962-63	3	1721	210	1931	727887	-
<u>COMMERCE</u>						
1955-56	7	5464	255	5719	94510	-
1956-57	7	5854	286	6140	91158	-
1957-58	9	7111	339	7450	112319	-
1958-59	9	7570	382	7952	81722	-
1959-60	10	8624	430	9054	109399	-
1960-61	14	10307	535	10842	189146	-
1961-62	15	11085	570	11655	277166	-
1962-63	16	12149	592	12741	366609	-
<u>POST-GRADUATE BASIC TRAINING</u>						
1955-56	2	62	8	70	80284	-
1956-57	3	91	11	102	85293	-
1957-58	3	80	11	91	96160	-
1958-59	3	76	13	89	112634	-
1959-60	3	81	9	90	110803	-
1960-61	3	100	14	114	119054	-
1961-62	3	98	8	106	97126	-
1962-63	3	100	11	111	122542	-
<u>POST-GRADUATE NON-BASIC TRG.</u>						
1955-56	8	688	267	955	171265	-
1956-57	9	723	283	1006	279467	-
1957-58	9	819	371	1190	317924	-
1958-59	9	700	284	984	285517	-
1959-60	11	680	419	1099	338961	-
1960-61	13	1020	529	1549	534048	-
1961-62	16	1218	606	1824	412551	-
1962-63	17	1327	661	1988	506710	1542

TABLE NO. XLIII
STATISTICS FOR PROFESSIONAL COLLEGES (1955-56 to 1962-63)

EXPENDITURE BY SOURCES					COST PER PUPIL	
M.S.B.	Fees	Endowments	Others	Total	Govt.	Total
8	9	10	11	12	13	14
-	90010	-	25328	845548	864	1001
-	109843	-	132900	1079258	899	1160
-	115450	-	119377	1124064	911	1152
-	153312	-	226776	1650031	1122	1458
-	176414	-	332939	1859930	918	1264
-	152009	-	228203	2307230	1157	1385
-	136197	15178	2574	2189372	995	1070
-	118523	-	78310	2298741	893	976
-	162160	-	-	429652	201	322
-	174648	-	-	493195	230	357
-	192000	-	-	658501	337	475
-	107400	-	-	136113	87	414
-	109200	-	-	137913	52	251
-	170885	-	-	348656	168	329
-	209766	-	225	879478	394	517
-	219982	-	9447	957316	377	496
-	1030969	41382	29835	1196696	17	209
-	1030959	19604	16689	1158420	15	189
-	1267408	2401	13247	1395375	15	187
-	1451158	-	93002	1625882	10	204
-	1391415	-	37379	1538193	12	170
-	2147850	18319	111934	2467249	17	228
1500	2285791	19472	268559	2852488	24	245
-	2682602	14759	166391	3230351	29	254
-	11355	-	2803	94442	1147	1349
-	17140	-	10756	113189	836	1110
-	16324	-	9845	122329	1057	1344
-	14194	-	5938	132766	1266	1492
-	14628	-	1815	127246	1231	1414
-	12957	-	4525	136536	1044	1198
-	13480	-	5761	116367	916	1098
-	16115	-	11577	150234	1104	1353
-	242429	-	68158	481852	179	505
-	255057	4897	67532	606963	278	603
-	255241	5195	88577	666997	267	560
-	264599	-	169087	719203	290	731
-	275413	-	292450	906824	308	825
-	365235	15000	154779	1069072	345	690
2001	474704	32843	248177	1170276	226	642
-	616602	-	191618	1316472	255	662

UNDER-GRADUATE ...

STATISTICS FOR PROFESSIONAL COLLEGES (1955-56 to 1962-63)

YEAR	No. of Institutions	ENROLMENT			DIRECT	
		BOYS	GIRLS	TOTAL	Govt.	D.S.B.
1	2	3	4	5	6	7
<u>UNDER GRADUATE</u>						
<u>NON-BASIC TRG.</u>						
1955-56	19	426	695	1121	159811	
1956-57	23	561	854	1415	116675	
1957-58	32	491	816	1307	123459	
1958-59	50	930	1112	2042	143815	
1959-60	63	1572	1701	3273	153646	
1960-61	76	1528	1764	3292	164025	
1961-62	113	2646	2462	5108	164585	
1962-63	136	3103	3056	6159	174726	
<u>ENGINEERING</u>						
1955-56	5	4406	4	4410	1611634	
1956-57	5	4376	2	4378	1379529	
1957-58	5	4352	8	4360	1740568	
1958-59	5	4112	12	4124	1858072	
1959-60	5	3978	11	3989	2229151	
1960-61	7	4378	14	4392	2522703	
1961-62	7	4926	15	4941	2877334	
1962-63	8	4928	23	4951	3359839	
<u>L A W</u>						
1955-56	6	3363	120	3483	-	
1956-57	8	3893	145	4038	-	
1957-58	8	4140	207	4347	-	
1958-59	8	4484	244	4728	-	
1959-60	8	4441	242	4683	-	
1960-61	8	4089	253	4342	6311	
1961-62	8	4396	262	4658	-	
1962-63	8	3945	250	4195	-	
<u>MEDICINE</u>						
1955-56	12	3298	756	4054	2860756	
1956-57	12	3582	855	4437	1567116	
1957-58	12	3315	893	4208	1750119	
1958-59	13	3390	979	4369	3120337	
1959-60	14	3594	1141	4735	3359135	
1960-61	15	3576	1274	4850	4234942	
1961-62	17	3891	1522	5413	3817846	100
1962-63	20	4681	2051	6732	4741098	
<u>PHYSICAL EDUCATION</u>						
1955-56	1	77	16	93	90119	
1956-57	1	67	15	82	91728	
1957-58	1	66	18	84	86723	
1958-59	1	76	16	92	93446	
1959-60	1	68	15	83	97662	
1960-61	4	67	9	76	115723	
1961-62	4	62	10	72	115281	
1962-63	4	58	4	62	92888	
<u>TECHNOLOGY</u>						
1955-56	1	114	-	114	50965	
1956-57	1	96	-	96	50965	
1957-58	1	119	-	119	50965	
1958-59	1	114	-	114	-	
1959-60	2	396	-	396	1774801	
1960-61	2	656	-	656	4091940	
1961-62	2	924	-	924	5925289	
1962-63	2	1218	4	1222	7365501	

STATISTICS FOR PROFESSIONAL COLLEGES (1955-56 to 1962-63)

EXPENDITURE					SOURCES		COST PER PUPIL to	
M.S.B.	Fees	Endowments	Others	Total	Govt.	Total		
8	9	10	11	12	13	14		
-	79876	-	2984	248671	143	222		
-	95896	-	5139	217710	82	154		
-	118496	-	17314	259269	94	198		
2623	168406	525	18240	330986	70	162		
-	306816	608	30110	493303	47	151		
-	363949	300	36322	564596	50	171		
-	685685	3861	41584	895715	32	175		
-	854345	2358	89144	1120573	28	182		
-	852125	98203	10699	2572661	365	583		
-	823039	-	156645	2358613	315	539		
5000	808937	2500	28349	2585354	399	593		
-	963807	-	324386	3146265	451	763		
-	1005380	-	313514	3548045	559	889		
-	1179690	1390	89136	3792919	574	864		
-	1086550	-	15074	3978958	582	805		
-	1219604	-	29666	4609209	679	931		
-	490392	4230	14762	509384	-	146		
-	531395	-	35452	566847	-	140		
-	671771	-	17891	689662	-	159		
-	723414	-	52071	775485	-	164		
-	722100	-	22766	744866	-	159		
-	763603	-	29458	799372	145	184		
-	853236	2355	135171	990762	-	213		
-	911103	21621	8438	941162	-	224		
622077	1004307	9383	44291	4540814	706	1120		
658023	1223177	4806	165434	3618556	353	815		
780636	1227026	1000	137424	3896205	416	926		
832106	1258608	-	277837	5488888	714	1256		
1240977	1162439	-	301033	6063584	709	1281		
1508983	1277994	2625	471524	7496068	873	1546		
1385903	1442635	46061	475077	7167622	705	1324		
1658071	1467671	21844	398704	8287388	704	1231		
-	3847	-	-	93956	969	1010		
-	3443	-	-	95161	1119	1160		
-	5072	-	-	91795	1032	1093		
-	4533	-	-	97979	1016	1065		
-	3226	-	-	100888	1177	1216		
-	9477	-	14835	140035	1523	1843		
-	10819	-	19285	145385	1601	2019		
-	8986	-	16693	118567	1498	1912		
-	15791	75690	61314	203760	447	1787		
-	12442	121969	3993	189369	531	1973		
-	16336	64181	75266	206748	428	1737		
-	24817	-	186009	210826	-	1849		
-	93009	-	301248	2169058	4482	5477		
-	197987	187806	25326	4503059	6238	6864		
-	55932	-	243138	6224359	6413	6736		
-	366497	-	258103	7990101	6027	6539		

TABLE XLIII - Concl'd.

STATISTICS FOR PROFESSIONAL COLLEGES (1955-56 to 1962-63)

YEAR	No. of Institutions	ENROLMENT			DIRECT	
		Boys	Girls	Total	Govt.	D.S.B.
1	2	3	4	5	6	7
VETERINARY						
1955-56	1	252	-	252	135241	-
1956-57	1	246	-	246	179522	-
1957-58	1	261	-	261	215974	-
1958-59	2	325	1	326	309009	-
1959-60	2	331	2	333	671760	-
1960-61	2	330	2	332	699139	-
1961-62	2	364	3	367	807724	-
1962-63	2	300	3	303	819670	-
OTHERS						
1955-56	1	55	2	57	53312	-
1956-57	1	58	-	58	70576	-
1957-58	1	122	1	123	175770	-
1958-59	1	317	-	317	170044	-
1959-60	1	206	1	207	185237	-
1960-61	2	332	4	336	220996	-
1961-62	2	285	5	290	217879	-
1962-63	6	529	24	553	362795	-
TOTAL						
1955-56	67	20117	2302	22419	6305599	-
1956-57	78	21353	2793	24146	5067081	-
1957-58	87	22956	2945	25901	6025779	-
1958-59	107	23633	3149	26782	7472752	-
1959-60	125	25886	3865	29751	10409845	-
1960-61	153	28943	4564	33507	15002816	-
1961-62	197	33468	5637	39105	17417691	100
1962-63	230	36409	6894	43303	20742263	1542

TABLE XLIII - Concl'd.

STATISTICS FOR PROFESSIONAL COLLEGES (1955-56 to 1962-63)

EXPENDITURE BY SOURCES					COST PER PUPIL To	
M.S.B.	Fees	Endowments	Others	Total	Govt.	Total
8	9	10	11	12	13	14
-	8920	-	37260	181421	537	720
-	7000	-	41538	228060	730	927
-	8990	-	11563	236527	827	906
-	4760	-	-	313769	948	962
-	5720	-	-	677480	2017	2034
-	3341	-	-	702480	2106	2116
-	13600	-	-	821324	2201	2238
-	16642	-	-	836312	2705	2760
-	2605	-	43665	99582	935	1747
-	2550	-	731	73857	1217	1273
-	2325	-	-	178095	1429	1448
-	-	-	-	170044	536	536
-	-	-	3735	188972	895	913
-	14520	-	1330	236846	658	705
-	15720	-	39302	272901	751	941
-	45837	-	1329	409961	656	741
622077	3994786	228888	341099	11492449	281	513
658023	4286609	151276	636209	10799198	210	447
785639	4705376	75277	518853	12111021	253	468
832106	5139008	525	1353346	14798237	279	553
1243600	5265760	608	1636989	18556802	350	624
1508983	6659497	225440	1167372	24564108	448	733
1389404	7384115	119770	1493927	27705007	445	708
1658071	8544519	60582	1259420	32266397	479	745

XXII COLLEGES OF SPECIAL EDUCATION :

The following table gives the detailed statistics of the number of institutions, enrolment, and direct expenditure by sources in colleges of special education (arranged according to type) in Maharashtra from 1955-56 to 1962-63 :

TABLE ...

TABLE NO. XLIV
STATISTICS FOR COLLEGES OF SPECIAL EDUCATION (1955-56 to 1962-63)

YEAR	No. of Institutions	ENROLMENT			DIRECT	
		Boys	Girls	Total	Govt.	D.S.B.
1	2	3	4	5	6	7
OTHER FINE ARTS						
1955-56	-	-	-	-	-	-
1956-57	-	-	-	-	-	-
1957-58	-	-	-	-	-	-
1958-59	1	350	165	515	165200	-
1959-60	1	339	162	501	136270	-
1960-61	1	346	161	507	140584	-
1961-62	1	310	187	497	119326	-
1962-63	1	319	194	513	148493	-
ORIENTAL STUDIES						
1955-56	-	-	-	-	-	-
1956-57	2	37	3	40	-	-
1957-58	2	31	3	34	5000	-
1958-59	2	46	-	46	10000	-
1959-60	3	161	12	173	-	-
1960-61	3	171	26	197	12161	-
1961-62	4	197	15	212	14368	-
1962-63	4	184	1	185	16510	-
SOCIAL EDUCATION						
1955-56	1	67	49	116	105000	-
1956-57	1	65	51	116	120000	-
1957-58	1	84	46	130	125000	-
1958-59	1	116	47	163	121000	-
1959-60	1	120	49	169	125000	-
1960-61	1	129	51	180	129452	-
1961-62	2	128	100	228	134110	-
1962-63	2	134	96	230	170000	-
OTHER SPECIAL						
1955-56	1	7	-	7	-	-
1956-57	2	100	-	100	21825	-
1957-58	2	154	-	154	247237	-
1958-59	3	448	16	464	160237	-
1959-60	4	505	403	908	162720	-
1960-61	4	536	460	996	255615	-
1961-62	10	832	668	1500	519657	-
1962-63	7	706	771	1477	400663	-
TOTAL						
1955-56	2	74	49	123	105000	-
1956-57	5	202	54	256	141825	-
1957-58	5	269	49	318	377237	-
1958-59	7	960	228	1188	456437	-
1959-60	9	1125	626	1751	423990	-
1960-61	9	1182	698	1780	537812	-
1961-62	17	1467	970	2437	787461	-
1962-63	14	1343	1062	2405	735666	-

TABLE NO. XLIV
STATISTICS FOR COLLEGES OF SPECIAL EDUCATION (1955-56 to 1962-63)

EXPENDITURE BY SOURCES						COST PER PUPIL	
M.S.B.	Fees	Endowments	Others	Total	Govt.	Total	
8	9	10	11	12	13	14	
-	-	-	-	-	-	-	
-	-	-	-	-	-	-	
-	-	-	-	-	-	-	
-	44608	4852	-	214660	321	417	
-	40673	-	4852	181795	272	363	
-	39401	1266	-	181851	277	359	
-	39631	4830	2132	165919	240	334	
-	39500	4850	-	192843	289	376	
-	-	-	-	-	-	-	
-	1490	-	28355	29845	-	746	
-	1368	8360	16924	31652	147	931	
-	252	4022	18547	32821	217	714	
-	-	-	31030	31030	-	179	
-	460	-	33296	45917	62	233	
-	8187	20697	15388	58640	68	277	
-	10195	8000	29405	64110	89	346	
-	-	-	-	-	-	-	
-	45370	122872	-	273242	905	2356	
-	54271	115224	-	289495	1034	2496	
-	36380	164367	-	325747	962	2506	
-	37955	-	185820	344775	742	2115	
-	41300	-	184723	351023	740	2077	
-	50560	204410	-	384422	719	2136	
-	60052	130000	13240	337402	588	1480	
-	133207	124175	-	427382	739	1858	
-	-	-	-	-	-	-	
-	-	3000	2752	5752	-	822	
-	8764	4944	3000	38533	218	385	
-	13830	3000	3032	267099	1603	1734	
-	49958	-	36403	246598	345	531	
-	125128	-	113120	400968	179	442	
-	191022	2275	42056	490968	257	493	
-	128573	5983	143955	898173	346	599	
-	206376	1200	112913	721152	271	488	
-	-	-	-	-	-	-	
-	45370	125872	2752	278994	854	2268	
-	64525	120168	31355	357873	554	1398	
-	51578	175727	19956	624498	1186	1964	
-	132773	8874	240770	838854	384	706	
-	207101	-	333725	964816	242	551	
-	281443	208551	75352	1103158	302	620	
-	236443	161510	174715	1460134	323	599	
-	389278	138225	142318	1405487	306	584	

TABLE NO. XLV
RESULTS OF IMPORTANT EXAMINATIONS

N U M B E R P A S S E D											
1959-60			1960-61			1961-62			1962-63		
Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
861	353	1214	904	494	1398	1011	458	1469	1096	553	1649
2657	2179	4836	3165	2865	6030	3286	2775	6061	3869	3278	7147
383	63	446	476	60	536	451	81	532	458	96	554
89	17	106	122	15	137	131	26	157	2	1	3
1492	317	1809	2754	684	3438	3013	314	3327	1675	443	2118
732	56	788	592	52	644	735	79	814	661	43	704
48	36	84	65	51	116	45	36	81	74	35	109
513	410	923	731	452	1183	575	370	945)	1078	439	1517
						307	84	39)			
83	9	92	95	13	108	94	7	101	93	9	102
13	-	13	20	-	20	4	-	4	3	-	3
138	-	138	131	2	133	128	3	131	117	3	120
						32	-	32	33	-	33
384	-	384	509	3	512	499	2	501	605	3	608
459	7	466	670	1	671	678	1	679	776	1	777
150	42	192	196	62	258	196	59	255	149	57	206
94	24	118	55	9	64	279	66	345	42	12	54
16	887	903	1082	1082	10	1171	1181	17	1088	1105	
192	8	200	187	6	193	210	4	214	223	3	226
928	56	984	1010	72	1082	1253	62	1315	1362	48	1410
41	1	42	54	1	55	54	-	54	55	1	56
187	-	187	166	1	167	241	-	241	268	1	269
						25	-	25	17	-	17
55	-	55	48	-	48	66	1	67	51	-	51
33660	12167	45827	37329	13606	50935	46658	16858	63516	57837	20223	78060
657	36	693	2550	499	3049	3049	626	3675	3293	851	4144

The total production of B.A., B.Sc., M.A. and M.Sc. was 7,235 in 1955-56 and it rose to 11,471 in 1962-63. This works out at an average increase of 6.8 per cent per year. In the near future, this rate of increase is likely to rise even more steeply.

At the S.S.C. Examination, the out-put has risen in 1962-63 to 78,060 candidates of whom 57,837 were boys and 20,223 were girls. The higher secondary examination has only small numbers of passes, as yet - 3,293 boys and 851 girls.

XXIII SCHOLARSHIPS, FREESTUDENTSHIPS, STIPENDS, etc. :

The following table shows the totals of scholarships, studentships, stipends, etc., which are given to students in Maharashtra State at present. (The details are available only from 1960-61):

TABLE ...

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(Left)

TABLE NO. XLVI

STUDENT BENEFICIARIES UNDER VARIOUS SCHEMES OF FINANCIAL ASSISTANCE

1960 - 61						1961-62		
Boys	Girls	Amount	% of beneficiaries to total		Amount per beneficiary	Boys	Girls	Amount
			Boys	Girls				

1. Scholarships, Stipends, etc.

School Edn	40173	8696	1795876	6.7	4.0	37	62156	11715	2888108
Teacher Trg	10700	1914	3521019	63.3	28.2	279	10222	2110	3576834
Higher Edn	11466	1894	4943969	13.1	8.7	370	15420	2232	6539415
Special Edn	6653	3323	4396731	15.0	17.4	441	6913	3617	4237021
T o t a l	68997	15827	14657595	9.2	5.9	173	94711	19674	17241378

2. All Schemes Of Reimbursement (Incl. Rs 1200 EBC)

School Edn	437784	101805	19357724	73.2	46.3	36	582391	126752	26107707
Teacher Trg	3509	1277	569954	20.9	18.8	119	6167	2574	950697
Higher Edn	22775	2152	11388534	26.1	9.9	476	29770	3353	5917508
Special Edn	1961	645	288436	4.4	3.4	111	2873	1245	485607
T o t a l	466029	105870	31604648	62.4	39.6	55	621201	133924	33461579

3. Freeships by Institutions

School Edn	73622	22852	4023993	12.3	10.4	42	71821	33154	4702857
Teacher Trg	104	109	20939	0.6	1.6	98	129	101	25333
Higher Edn	5459	1184	987140	6.3	5.4	149	9577	2135	1677336
Special Edn	2252	595	268303	5.1	3.1	94	1966	297	240573
T o t a l	81437	24740	5300375	10.9	9.2	50	83493	35687	6646099

4. GRAND TOTAL

School Edn	551579	133353	25177593	92.2	60.7	37	716368	171621	33698732
Teacher Trg	14313	3300	4111912	85.3	48.6	233	16518	4785	4552864
Higher Edn	39700	5230	17319643	45.5	24.0	385	54767	7720	1413259
Special Edn	10871	4563	4953470	24.5	23.9	321	11752	5159	4963201
T o t a l	616463	146446	51562618	82.5	54.7	68	799405	189285	57349056

STUDENT BENEFICIARIES UNDER VARIOUS SCHEMES OF FINANCIAL ASSISTANCE

1961-62			1962 - 63					
% of beneficiaries to total		Amount per beneficiary	Boys	Girls	Amount	% of beneficiaries to total		Amount per beneficiary
Boys	Girls					Boys	Girls	
9.1	4.6	39	72538	16029	3524516	9.1	5.3	40
52.5	25.2	290	11626	1226	4299707	53.3	19.8	320
15.5	9.0	370	17477	2606	8149616	16.1	9.1	406
18.3	22.2	403	8869	3829	4092876	23.0	23.0	322
11.3	6.5	151	110510	24290	20066715	11.4	6.8	149
85.4	50.1	37	597772	156545	38701188	74.9	51.8	51
32.0	30.7	109	7267	3366	1232799	33.3	36.4	116
30.0	13.5	179	36800	3552	7973609	34.0	12.3	198
7.6	7.6	118	3877	1973	905030	10.1	11.8	155
74.1	44.3	44	645716	165436	48812626	66.8	46.4	60
10.5	13.1	45	48006	21008	3573745	6.0	7.0	52
0.7	1.2	110	185	66	19350	0.8	0.7	77
9.7	8.6	157	9535	2463	1555042	8.8	8.6	130
5.2	1.8	106	1507	244	188603	3.9	1.5	108
10.0	11.8	56	59233	23781	5136740	6.1	6.7	62
105.0	67.8	38	718316	193582	45599449	90.0	64.1	50
85.2	57.1	214	19078	5258	5551856	87.4	56.9	228
55.2	31.1	226	63812	8621	17678267	58.9	30.0	244
31.1	31.6	293	14253	6046	5186509	37.0	36.3	256
95.4	62.6	58	815459	213507	74016081	84.3	59.9	72

It may be stated that the statistics given here do not include children in primary schools where education is free. Similarly, statistics given under "special education" include special schools and professional and vocational schools, but do not include social education.

The first row in the table gives information about scholarships, stipends and such other financial concessions given to students. It does not include data about free-studentships. It will be seen therefrom that, in 1962-63, 11.4 % of boys and 6.8 % of the girls got scholarships or stipends. The amount of scholarships or stipends per student was smallest at the school stage - Rs 40 only. In institutions of higher education or in special and vocational education, it was fairly high - Rs 406 and Rs 322 respectively.

In the second row of the table, information is given about fees which are reimbursed to educational institutions under various schemes. The most important of these schemes is that of E.B.C. concessions under which fees of students, whose parents have an income of less than Rs 1200 per annum, are paid by Government. It will be seen from this table that 66.8 % of the boys and 46.4 % of the girls get these concessions.

An explanation is necessary as to why the number of girls receiving these concessions is less than that of boys. In the social class, where the parents have an income of less than Rs 1200 per annum, education at the higher stages is still largely confined to boys and very few girls attend schools. Although, therefore, no distinction is made between boys and girls in giving free-studentships in educational institutions (in fact the policy is to give greater encouragement to girls), the number of girls in respect of this concession is much smaller than that of boys. Here also, the amount of concession per student is much less at the school stage than at the other stages.

In ...

In the third row of the table, information is given about free-studentships given by the institutions themselves. These are not cash grants and represent merely the loss of income to the institutions concerned. As a rule, every institution has to provide some free-studentships and their percentage varies from 5 to 15. In some institutions, a larger percentage of free-studentships is given and some institutions are even wholly free. But taking the State as a whole, 6.1 % of the boys and 6.7 % of the girls get this concession.

In the last row of the table, the total effect of these different forms of financial assistance to students is given. It will be seen that 84.3 % of the boys and 59.9 % of the girls enrolled in secondary schools and colleges get some financial assistance or the other.

One thing has to be pointed out. Some of the students are in receipt of more than one concession. For example, a student may be getting a scholarship and he may also have a free-studentship given by the institution. He is, therefore, counted twice in the above tables. That is why the percentage of boys receiving concessions at the school stage is 105 in 1961-62. It is not possible to say the extent of such overlap; but obviously it is fairly large.

XXIV INDIRECT EXPENDITURE :

Indirect expenditure is incurred on (i) direction and inspection, (ii) buildings, (iii) scholarships, (iv) hostel charges and (v) miscellaneous.

The expenditure on direction and inspection is met mostly by Government. A part of it is met by the Municipalities. In 1955-56, for instance, 99.74 % of the expenditure was met by Government and only 0.26 % from Municipal funds. The corresponding percentages for 1960-61 were 99.62 and 0.38 while in 1962-63 100 % of the expenditure on direction and inspection has been borne by State Government.

The ...

TABLE NO. XLVII

INDIRECT EXPENDITURE BY SOURCES (1955-56 to 1962-63)

	1955-56		1956-57		1957-58		1958-59	
	Expr.	%	Expr.	%	Expr.	%	Expr.	%
BUILDINGS :								
Govt.	10001366	72.09	9170380	68.15	8546403	56.32	15448708	74.01
D.S.B.	629690	4.54	498990	3.71	679671	4.48	605116	2.90
M.S.B.	567320	4.09	1064123	7.91	2896544	19.09	1714010	8.21
Fees	299287	2.16	461416	3.43	735806	4.85	709614	3.40
Endowments	702170	5.06	278255	2.07	60763	0.40	209708	1.00
Other Sources	1673222	12.06	1933355	14.73	2256739	14.86	2187689	10.48
TOTAL	13373155	100.00	13456519	100.00	15175826	100.00	20874645	100.00
SCHOLARSHIPS, etc.:								
Govt.	4954511	80.82	9333275	85.68	9382817	81.11	11767725	88.41
D. S. B.	151541	2.47	41029	0.38	14915	0.13	147563	1.11
M. S. B.	67682	1.10	159976	1.47	105897	0.92	175639	1.32
Fees	114449	1.87	136830	1.26	393097	3.40	46227	0.35
Endowments	262286	4.28	649307	5.96	299348	2.59	30506	0.23
Other Sources	580109	9.46	577266	5.30	1371422	11.85	1142399	8.58
T O T A L	6130578	100.00	10897682	100.00	11567496	100.00	13310059	100.00

TABLE NO. XLVII

INDIRECT EXPENDITURE BY SOURCES (1955-56 to 1962-63)

1959-60		1960-61		1961-62		1962-63	
Expr.	%	Expr.	%	Expr.	%	Expr.	%
31046040	81.26	34988437	69.80	30823643	63.22	32729828	78.86
347218	0.91	601407	1.36	992718	2.04	61028	0.15
2386771	6.25	7981085	15.92	9710237	19.92	652739	1.57
911389	2.39	776462	1.55	2501841	5.13	1433853	3.45
529959	1.39	711067	1.42	557417	1.14	752076	1.81
2982218	7.80	4990288	9.95	4170037	8.55	5878063	14.16
38203595	100.00	50128746	100.00	48755893	100.00	41507577	100.00
25141355	92.85	42973623	96.01	47633320	94.41	65183855	94.81
6552	0.02	6826	0.02	324415	0.64	465402	0.68
294869	1.09	21405	0.05	216799	0.43	179377	0.26
237583	0.88	203734	0.45	1158053	2.29	853034	1.24
194251	0.72	492364	1.10	199086	0.39	454860	0.66
1202984	4.44	1060150	2.37	928435	1.84	1612648	2.35
27077594	100.00	44758102	100.00	50460108	100.00	68749176	100.00

It will be found that the largest part of the expenditure on buildings is incurred by Government (78.86 % in 1962-63). The Municipalities have contributed only 1.57 % of the expenditure in the same year and the District Boards have contributed 0.15 %. In interpreting these statistics, however, it is to be noted that the information given here relates mainly to buildings of Government, Local Boards and Municipalities. The private institutions have also a large building programme ; but the figures of the expenditure incurred by them do not usually enter into official statistics.

In so far as the scholarships are concerned, it will be seen that nearly 95 % of the expenditure is made from public funds.

28.4.64.