

Eritrea:

Essential Education Indicators

2001/02



MINISTRY OF EDUCATION
ASMERA, ERITREA
DECEMBER 2002

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I. Introduction and Executive Summary

1. Introduction

Eritrea: Basic education statistics is the official, annual education information publication of the Ministry of Education (MOE). In the academic year 1994/95 and 1995/96 it was published as part of the **Eritrea: Basic education statistics and essential indicators** publication. Starting from 1996/97 it was thought convenient to divide the publication into two, i.e. the general descriptive information and the fundamental indicators.

The Department of Research and Human Resource Development-EMIS issue the abstract. This issue provides mainly the common descriptive education information of the academic year 2001/02. This academic year's issue is the sixth of its kind in terms of organisation of schools in the new six administrative regions, the Zobas.

The MOE likes to emphasise that the publication of this issue would have been impossible without the unfailing endeavours of the education statistics teams in the Regions, Sub-regions and concerned educational institutions.

We truly appreciate UNICEF: Eritrea office for its support in financing the printing of such publications. The MOE forwards its usual appreciation to all.

Please feel free to give us your serviceable feedback regarding the content and form of this education abstract so that we may in the future attend to your requirements.

Department of Research and HRD
Ministry of Education
Asmera

December 2002

2. Executive summary

In 2001/02 academic year enrolment in elementary education increased by 10.6 percent as compared to 2000/01, but enrolment in special education decreased by 0.9 percent.. The increase in elementary enrolment is mainly seen in Debub and Gash-Barka regions. Enrolment in middle and secondary education increased by about 5.6 percent and 9.7 percent respectively. Enrolment in technical schools increased by 7.9 percent while enrolment in adult literacy programs decreased by about 3.1 percent.

Enrolment of girls in elementary education in 2001/02 as compared to 2000/01 increased by 9.0 percent. The enrolment of girls in government schools in 2001/02 as compared to 2000/01 increased by about 10.2 percent.

As compared to 2000/01 the national enrolment of girls and boys in 2001/02 increased by 6.8 percent. However, the participation rate of girls is still lower than that of boys except in literacy, and adult continuing education programmes which is 90.3 and 65.8 percents respectively. The enrolment of females in pre-primary, elementary, middle and secondary are respectively 47.4 percent, 44.3 percent 42.9 percent and 35.7 percent.

The number of schools, enrolment and teachers in pre-primary education has increased by 4.4 percent, 2.5 percent and 8.3 percent respectively. The number of schools by level in elementary has increased by about 4.5 percent, in middle by about 7.0 percent and in secondary schools by about 2.3 percent. The number of literacy program centres increased by 19.4 percent. The number of teachers in elementary, middle and secondary has increased by 12.4 percent, 11.0 percent and 19.4 percent respectively.

The gross national accessibility to schooling in 2001/02 was about 6.0 percent, 63.9 percent, 45.6 percent and 23.7 percent in pre-primary, elementary, middle and secondary education respectively. Enrolment in elementary special education decreased by 0.9 percent.

II. Important notes

1. Population

- 1.1 For purposes of this current issue, the 2001-population **estimate** of the National Statistics and Evaluation Office (NSEO), 3,215,313 is used. (Ministry of Education Eritrea: Population projection by single year and age 1991-2017 is used whenever single age calculation was needed.)

We would like to remind users of our yearly abstracts that we have been using different population estimation in our previous publications. We have used the new population estimation, which is considered to be a better estimation, as a base to calculate school-age population and thus enrolment and other essential indicators as well.

- 1.2. Average **population density**: 29/sq.km.

- 1.3. Total **school-age population** by school level (estimated percentage of the total population for the year 2001).

Age group	Population	Estimated % of total population
5-6	208,703	6.49
7-11	504,246	15.68
12-13	175,758	5.47
14-17	292,355	9.09

2. **Area of the country**: approximately 123,300 sq. km.

3. School system

Level	Grade	Age
Pre-school	I, II	5-6
Elementary	1-5	7-11
Middle	6-7	12-13
Secondary	8-11	14-17

4. **Dependency ratio** defined as the sum of all persons under 15 years or over 64 years divided by the number of persons age 15-64.

Age-group	Population	Dependency ratio
0-5 years	540,380	32.9
6-14 years	865,853	52.8
65 years and above	168,594	10.3

Total dependants (estimate)	1,574,827
Total non-dependants (estimate)	1,640,486
Gross Dependency Ratio	96.00

III. Introductory information

Tables 1 and 2 give the number of students and teachers of general education, TTI and Technical and Vocational schools since 1991/92.

Table 1: Enrolment by level and gender 1991/92-2001/02

Level	1991/92			1992/93			1993/94		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Elementary level	81,546	69,324	150,870	102,136	82,356	184,492	115,663	92,536	208,199
Middle level	14,414	13,503	27,917	15,052	13,375	28,427	18,129	14,652	32,781
Secondary level	14,444	13,183	27,627	17,141	14,390	31,531	19,432	13,324	32,756
TTI	978	290	1,268	1,860	720	2,580	344	54	398
Tech. and voc.	419	61	480	479	58	537	529	60	589
Total	111,801	96,361	208,162	136,668	110,899	247,567	154,097	120,626	274,723

Level	1994/95			1995/96			1996/97		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Elem. level	124,544	99,743	224,287	133,471	108,254	241,725	132,250	108,487	240,737
Middle level	19,310	15,685	34,995	21,648	18,103	39,751	26,739	20,721	47,460
Secondary level	22,097	14,631	36,728	23,676	15,475	39,151	24,262	16,332	40,594
TTI	1,511	674	2,185	84	9	93	307	52	359
Tech. and voc.	493	53	546	477	59	536	475	71	546
Total	167,955	130,786	298,741	179,356	141,900	321,256	184,033	145,663	329,696

Level	1997/98			1998/99			1999/2000		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Elementary level	135,569	111,930	247,499	143,578	118,385	261,963	162,896	133,045	295,941
Middle level	32,998	24,154	57,152	37,731	29,290	67,021	41,033	33,284	74,317
Secondary level	25,198	16,417	41,615	29,777	17,756	47,533	37,533	22,093	59,626
TTI	391	87	478	398	73	471	477	129	606
Tech. and voc.	337	69	406	768	140	908	871	147	1,018
Total	194,493	152,657	347,150	212,252	165,644	377,896	242,810	188,698	431,508

Level	2000/01			2001/02		
	Male	Female	Total	Male	Female	Total
Elementary level	164,523	134,168	298,691	184,060	146,218	330,278
Middle level	41,457	35,107	76,564	46,215	34,667	80,882
Secondary level	40,355	23,596	63,951	45,129	25,054	70,183
TTI	764	197	961	853	169	1,022
Tech. and voc. (all Levels)	1,402	464	1,866	1,599	393	1,992
Total	248,501	193,532	442,033	277,856	206,501	484,357

Table 2: Number of teachers by level and gender 1991/92-2001/02

Level	1991/92			1992/93			1993/94		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Elementary level	2,236	1,411	3,647	3,113	1,841	4,954	3,407	1,865	5,272
Middle level	644	139	783	711	143	854	838	140	978
Secondary level	691	67	758	812	93	905	911	104	1,015
TTI	28	3	31	81	6	87	31	3	34
Tech. and voc.	62	5	67	71	4	75	63	0	63
Total	3,661	1,625	5,286	4,788	2,087	6,875	5,250	2,112	7,362

Level	1994/95			1995/96			1996/97		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Elementary level	3,609	1,974	5,583	3,803	2,025	5,828	3,499	1,977	5,476
Middle level	809	139	948	836	156	992	847	170	1,017
Secondary level	973	108	1,081	936	103	1,039	836	106	942
TTI	41	3	44	30	2	32	27	6	33
Tech. and voc.	72	2	74	74	6	80	78	1	79
Total	5,504	2,226	7,730	5,679	2,292	7,971	5,287	2,260	7,547

Level	1997/98			1998/99			1999/2000		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Elementary level	3,906	1,893	5,799	3,625	1,951	5,576	3,899	2,330	6,229
Middle level	992	170	1,162	1,059	149	1,208	1,145	167	1,312
Secondary level	846	113	959	870	112	982	938	109	1,047
TTI	34	4	38	35	3	38	30	2	32
Tech. and voc.	66	0	66	97	4	101	95	9	104
Total	5,844	2,180	8,024	5,686	2,219	7,905	6,107	2,617	8,724

Level	2000/01			2001/02		
	Male	Female	Total	Male	Female	Total
Elementary level	3,958	2,710	6,668	4625	2873	7498
Middle level	1,217	160	1,377	1352	177	1529
Secondary level	1,073	115	1,188	1274	145	1419
TTI	26	11	37	41	6	47
Tech. and voc.	164	9	173	157	17	174
Total	6,438	3,005	9,443	7449	3218	10667

Table 3. Non-government enrolment as percentage of total enrolment 1991/92 - 2001/02

Year	Level								
	1- 5			6 - 7			8 - 11		
	Non Gov.	Total	%	Non Gov.	Total	%	Non Gov.	Total	%
1991/92	33,377	150,870	22.1	4,788	27,917	17.2	794	27,627	2.9
1992/93	31,513	184,492	17.1	5,174	28,427	18.2	1,740	31,531	5.5
1993/94	31,766	208,199	15.3	5,203	32,781	15.9	1,984	32,756	6.1
1994/95	30,398	224,287	13.6	4,992	34,995	14.3	2,530	36,728	6.9
1995/96	30,650	241,725	12.7	5,385	39,751	13.5	3,514	39,151	9.0
1996/97	29,578	240,737	12.3	5,841	47,460	12.3	3,313	40,594	8.2
1997/98	27,292	247,499	11.0	5,401	57,152	9.5	2,634	41,615	6.3
1998/99	29,153	261,963	11.1	5,417	67,021	8.1	2,094	47,533	4.4
1999/00	29,766	295,941	10.1	5,155	74,317	6.9	2,292	59,626	3.8
2000/01	27,860	298,691	9.3	5,598	76,564	7.3	2,591	63,951	4.1
2001/02	27,269	330,278	8.3	5,758	80,882	7.1	2,672	70,183	3.8

IV. Pre-primary level

1. Pre-primary schools

There were 95 pre-primary schools in the whole country. Forty-nine (51.5%) of them are located in Zoba Maekel. Out of the Forty-nine pre-primary schools in Zoba Maekel 40 (81.6%) are located in Asmera, the capital city.

Only 6 (6.3%) out of the 99 schools are government owned, 49 (51.5%) are run by missionaries and the rest are run by the public and community.

Table 4. Pre-primary: Location and ownership, 2001/02

Region	Schools																	
	Totals			Government			Public			Mission/Church			Private			Community		
	Tot	Urb	Rur	Tot	Urb	Rur	Tot	Urb	Rur	Tot	Urb	Rur	Tot	Urb	Rur	Tot	Urb	Rur
Anseba	9	6	3	2	2	0	0	0	0	6	3	3	0	0	0	1	1	0
Deb Keih Bahri	2	1	1	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0
Dehub	20	12	8	1	0	1	0	0	0	15	9	6	4	3	1	0	0	0
Gash Barka	6	4	2	1	0	1	0	0	0	4	3	1	0	0	0	1	1	0
Maekel	49	39	10	2	2	0	16	13	3	14	9	5	11	9	2	6	6	0
Sem Keih Bahri	9	4	5	0	0	0	0	0	0	8	4	4	0	0	0	1	0	1
Total	95	66	29	6	4	2	16	13	3	49	29	20	15	12	3	9	8	1

N.B. Urb = urban Rur = Rural Tot = Total

2. Pre-primary enrolment

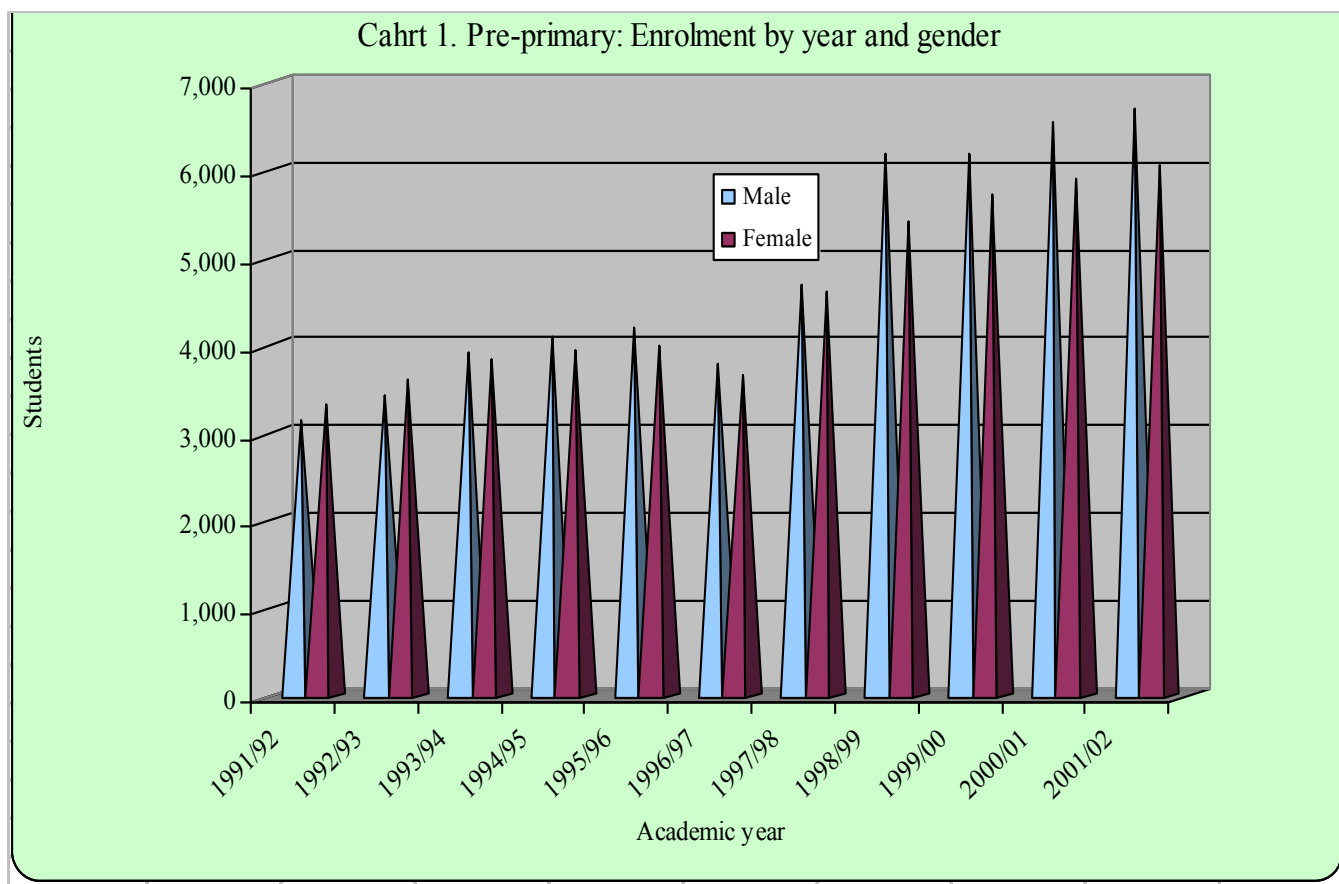
Children of ages 5 and 6 are supposed to be enrolled in pre-primary schools. The gross enrolment ratio for the academic years 1991/92 and 2000/2001 was (4.3% and 6.1% respectively) very low. In order to improve the situation, private organisations and individuals need encouragement to open new pre-primary schools.

Table 5a. Pre-primary age-group and gross enrolment ratio, 1991/92-2001/2002

Year	Age group 5-6.			Enrolment in pre-primary			Gross enrolment rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1991/92	151758	80047	71711	6,461	3,142	3,319	4.26	3.93	4.63
1992/93	157155	83071	74084	7,031	3,426	3,605	4.47	4.12	4.87
1993/94	162451	85871	76580	7,748	3,909	3,839	4.77	4.55	5.01
1994/95	167681	88493	79188	8,032	4,102	3,930	4.79	4.64	4.96
1995/96	172869	90974	81895	8,180	4,201	3,979	4.73	4.62	4.86
1996/97	178026	93344	84682	7,443	3,791	3,652	4.18	4.06	4.31
1997/98	182438	95262	87176	9,300	4,683	4,617	5.10	4.92	5.30
1998/99	193506	100775	92731	11,581	6,168	5,413	5.98	6.12	5.84
1999/00	194782	101380	93402	11,885	6,181	5,704	6.10	6.10	6.11
2000/01	201401	104926	96475	12,436	6,540	5,896	6.17	6.23	6.11
2001/02	208703	108972	99731	12,747	6,704	6,043	6.11	6.15	5.55

Table 5b. Pre-primary age-group and net enrolment ratio in 1999/2000-2001/02

Year	Age group 5-6.			Net enrolment in pre-primary			Net enrolment rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1999/2000	194782	101380	93402	9,471	4,907	4,564	4.86	4.84	4.89
2000/2001	201401	104926	96475	8,898	4,684	4,214	4.42	4.46	4.37
2001/2002	208703	108972	99731	9,160	4,828	4,332	4.39	4.43	4.34



3. Pre-primary teachers

During the academic year 2001/2002 there were 353 pre-primary teachers in the whole country of whom 236 (66.8%) had some professional training. 113 females and 4 male teachers were without any training. The number of teachers in pre-primary schools as seen in the following tables is very low. The opening of new pre-primary schools will therefore require training of new teachers.

The percentage of female teachers in pre-primary schools expressed as a percentage of the total number of teachers at this level is 98.3%. One can see from the table 6 that almost all teachers in pre-primary schools are females. In the academic year 1993/94 only one teacher, in 1995/96 other two male teachers and in 1998/99 other six male teachers joined the teaching force. In 2000/2001 the number of male teachers was only 6.

Table 6. Pre-primary: Teachers and training status 2001/02

Region	Total		Trained		Not trained	
	Tot	F	Tot	F	Tot	F
Anseba	33	31	11	11	22	20
Deb-Keih-Bahri	4	4	0	0	4	4
Dehub	50	48	25	24	25	24
Gash-Barka	14	14	9	9	5	5
Maekel	235	233	182	181	53	52
Sem-Keih-Bahri	17	17	9	9	8	8
Total	353	347	236	234	117	113

**Table 7. Pre-primary: Pupil/teacher ratio
1991/92-2001/02**

Year	Enrolment			Teachers			Pupil/teacher ratio
	Total	Male	Female	Total	Male	Female	
1991/92	6,461	3,142	3,319	201	0	201	32
1992/93	7,031	3,426	3,605	227	0	227	31
1993/94	7,748	3,909	3,839	244	1	243	32
1994/95	8,032	4,102	3,930	256	1	255	31
1995/96	8,180	4,201	3,979	235	3	232	35
1996/97	7,443	3,791	3,652	207	3	204	36
1997/98	9,300	4,683	4,617	239	3	236	39
1998/99	11,581	6,168	5,413	321	9	312	36
1999/00	11,885	6,181	5,704	320	6	314	37
2000/01	12,436	6,540	5,896	326	8	318	38
2001/02	12,747	6,704	6,043	353	6	347	37

**Table 8. Pre-primary percentage of female teachers
1991/92-2001/02**

Year	Teachers	Percentage of
------	----------	---------------

	Male	Female	Total	female teachers
1991/92	0	201	201	100.0
1992/93	0	227	227	100.0
1993/94	1	243	244	99.6
1994/95	1	255	256	99.6
1995/96	3	232	235	98.7
1996/97	3	204	207	98.6
1997/98	3	236	239	98.7
1998/99	9	312	321	97.2
1999/00	6	314	320	98.1
2000/01	8	318	326	97.5
2001/02	6	347	353	98.3

V. Elementary level

1. Duration

Elementary level (grade one to five), together with the Middle level (grade six to seven) comprise the primary level and the compulsory basic education (grade one to seven).

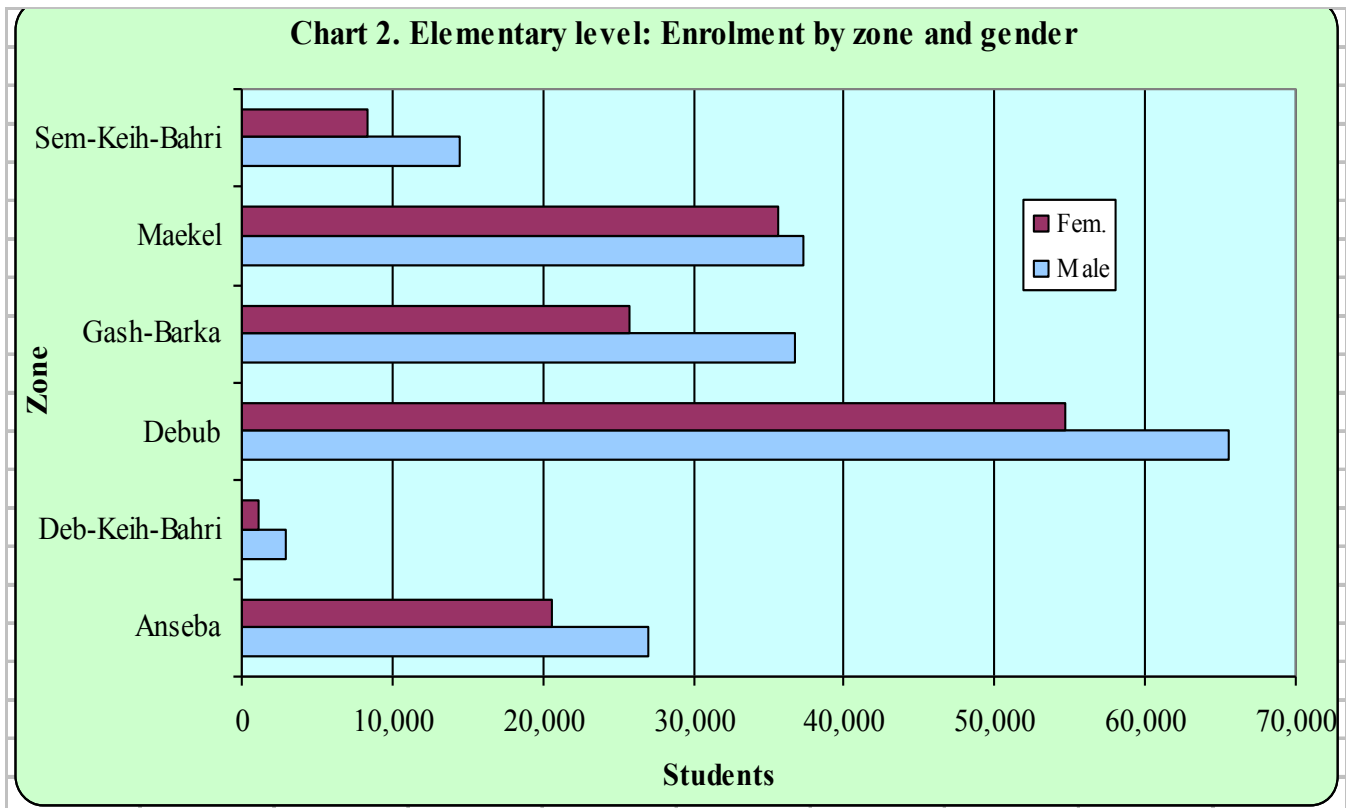
Starting from 1991/92 academic year enrolment at the elementary level has been steadily increasing. At this level, MOE's priority is to ensure that pupils learn in their mother tongue.

2. Enrolment

Enrolment for the year 2001/2002 was 330,278 out of which 146,218 (44.0%) were females. Out of the total enrolment in elementary schools, 27,269 (8.2%) were attending non-government schools. Encouragement is needed for the private sector in order to increase participation.

Table 9. Elementary level: Enrolment by Region and gender 2001/02

Region	Total	Male	Female
Anseba	47690	27028	20662
Deb-Keih-Bahri	4093	2926	1167
Dehub	120211	65502	54709
Gash-Barka	62522	36798	25724
Maekel	72925	37326	35599
Sem-Keih-Bahri	22837	14480	8357
Total	330278	184060	146218



3. Gross admission rate

Table 10. Elementary level: Gross admission rate 1991/92-2001/02

Year	Population of age 7			Admission in grade 1			Gross admission rate		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1991/92	76,409	40,250	36,159	46,671	25,807	20,864	61.08	64.12	57.70
1992/93	79,125	41,770	37,355	46,210	26,612	19,598	58.40	63.71	52.46
1993/94	81,793	43,179	38,614	45,656	25,432	20,224	55.82	58.90	52.37
1994/95	84,426	44,497	39,929	44,285	24,159	20,126	52.45	54.29	50.40
1995/96	87,038	45,745	41,293	46,497	26,108	20,389	53.42	57.07	49.38
1996/97	89,635	46,937	42,698	41,122	22,578	18,544	45.88	48.10	43.43
1997/98	91,857	47,901	43,956	50,471	28,407	22,064	54.95	59.30	50.20
1998/99	97,430	50,673	46,757	57,336	31,758	25,578	58.85	62.67	54.70
1999/00	98,147	50,689	47,458	68,902	38,345	30,557	70.20	75.65	64.39
2000/01	101,482	52,462	49,020	72,139	39,595	32,544	71.09	75.47	66.39
2001/02	105,158	54,484	50,674	74,899	41,114	33,785	71.23	75.46	66.67

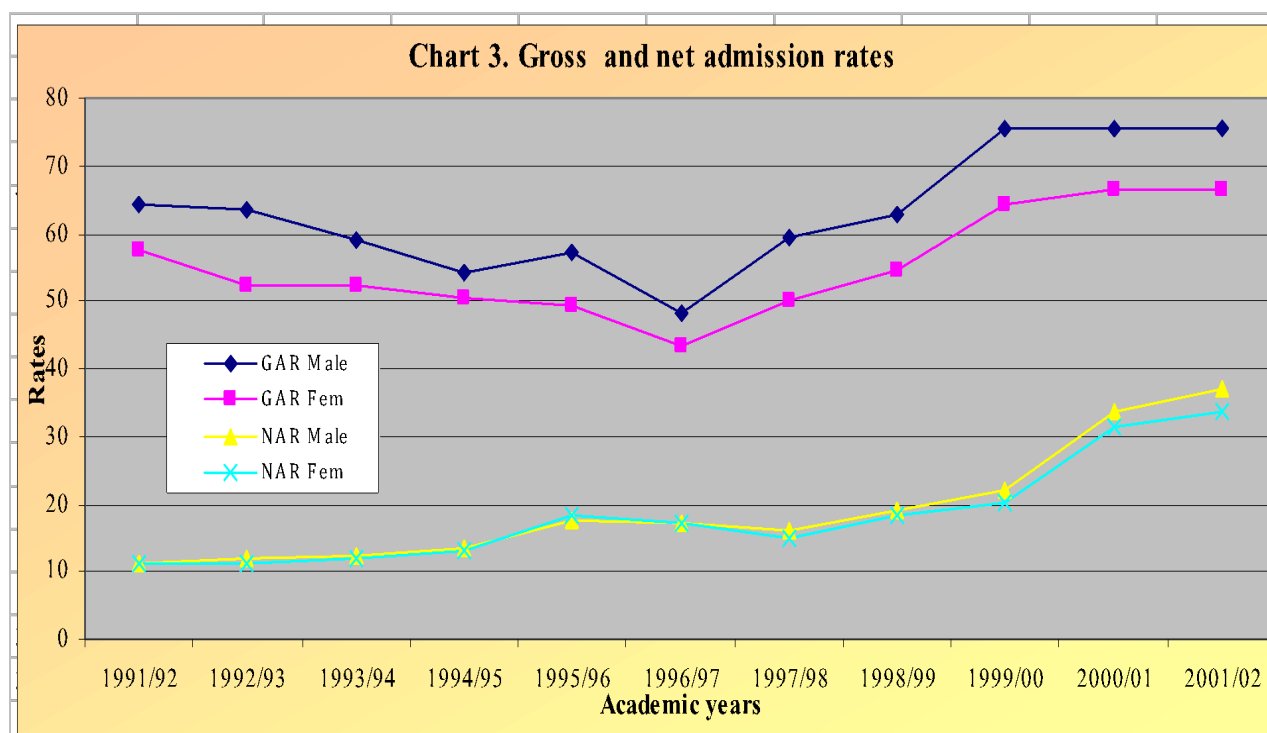
As can be noted in Table 10, the gross admission rate fell continuously from 61.08% to 45.88% between 1991/92 and 1996/97 (except for 1995/96 academic year). The gross admission rate started to increase from 1997/98 and reached 71.23 in 2001/2002.

4. Net admission rate

Table 11. Elementary level: Net admission rates 1991/92-2001/02

Year	Population (7-year-old)			New entrants (7-year-old)			Net admission rate (NAR)		
	T	M	F	T	M	F	T	M	F
1991/92	76,409	40,250	36,159	8,605	4,580	4,025	11.26	11.38	11.13
1992/93	79,125	41,770	37,355	N.A	NA	NA	N.A	NA	NA
1993/94	81,793	43,179	38,614	9,947	5,392	4,555	12.16	12.49	11.80
1994/95	84,426	44,497	39,929	11,227	5,949	5,278	13.30	13.37	13.22
1995/96	87,038	45,745	41,293	15,612	8,053	7,559	17.94	17.60	18.31
1996/97	89,635	46,937	42,698	15,469	8,132	7,337	17.26	17.33	17.18
1997/98	91,857	47,901	43,956	14,370	7,723	6,647	15.64	16.12	15.12
1998/99	97,430	50,673	46,757	18,140	9,608	8,532	18.62	18.96	18.25
1999/00	98,147	50,689	47,458	20,674	11,169	9,505	21.06	22.03	20.03
2000/01	101,482	52,462	49,020	32,977	17,632	15,345	32.50	33.61	31.30
2001/02	105,158	54,484	50,674	37,071	20,094	16,977	35.25	36.88	33.50

Unlike the gross admission rate, the net admission rate for 7-year-old children increased yearly between the successive academic years of 1991/92-2001/02 except in 1997/98



5. Over-age pupils in grade 1.

Table 12. Elementary level: Enrolment and percentage of over-age pupils in grade 1, 1991/92-2001/02

Year	Enrolment in grade 1			Over-age enrolment in grade 1			Percentage of over-age in grade 1		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1991/92	67,550	36,867	30,683	52,427	28,919	23,508	77.6	78.4	76.6
1992/93	68,770	38,291	30,479	N.A	NA	NA	NA	NA	NA
1993/94	64,527	35,101	29,426	48,963	26,886	22,075	75.9	76.6	75.0
1994/95	62,914	33,793	29,121	46,192	25,043	21,147	73.4	74.1	72.6
1995/96	65,110	34,869	30,241	47,320	25,600	21,718	72.7	73.4	71.8
1996/97	58,841	31,820	27,021	40,404	22,032	18,372	68.7	69.2	68.0
1997/98	68,388	38,104	30,284	48,649	27,496	21,153	71.1	72.2	69.8
1998/99	75,340	41,586	33,754	50,409	28,365	22,044	66.9	68.2	65.3
1999/00	91,037	50,459	40,576	59,351	33,493	25,858	65.2	66.4	63.7
2000/01	88,045	47,907	40,138	45,357	25,146	20,211	51.5	52.5	50.4
2001/02	97,678	53,409	44,269	48,885	27,137	21,748	50.0	50.9	49.1

N.B. NA = not available

Table 12 indicates that the percentage of over-age pupils has been decreasing every academic year, except for the 1997/98 academic year. In the year 2001/02 the percentage of over-age students in grade 1 is lowered to 50.0 percent. As can be seen from the table a lot has been done. But, still hard work is needed in order to reduce the number of over-age students, particularly in grade 1.

6. Under-age pupils in grade 1

Table 13. Elementary level: Enrolment and percentage of under-age pupils in grade 1 1991/92-2001/02

Year	Enrolment in Grade 1			Under-age enrolment in grade 1			Percentage of under-age pupils in grade 1		
	Tot	Male	Female	Tot	Male	Female	Tot	Male	Female
1991/92	67,550	36,867	30,683	2,661	1,405	1,256	3.9	3.8	4.1
1992/93	68,770	38,291	30,479	1,906	962	944	2.8	2.5	3.1
1993/94	64,527	35,101	29,426	1,527	778	749	2.3	2.2	2.5
1994/95	62,914	33,793	29,121	865	447	418	1.4	1.3	1.4
1995/96	65,110	34,869	30,241	880	445	435	1.4	1.3	1.4
1996/97	58,841	31,820	27,021	1,135	588	547	1.9	1.8	2.0
1997/98	68,388	38,104	30,284	1,186	637	549	1.7	1.7	1.8
1998/99	75,340	41,586	33,754	3,497	1,814	1,683	4.6	4.4	5.0
1999/00	91,037	50,459	40,576	6,295	3,294	3,001	6.9	6.5	7.4
2000/01	88,045	47,907	40,138	9,693	5,112	4,581	11.0	10.7	11.4
2001/02	97,678	53,409	44,269	11,722	6,178	5,544	12.0	11.6	12.5

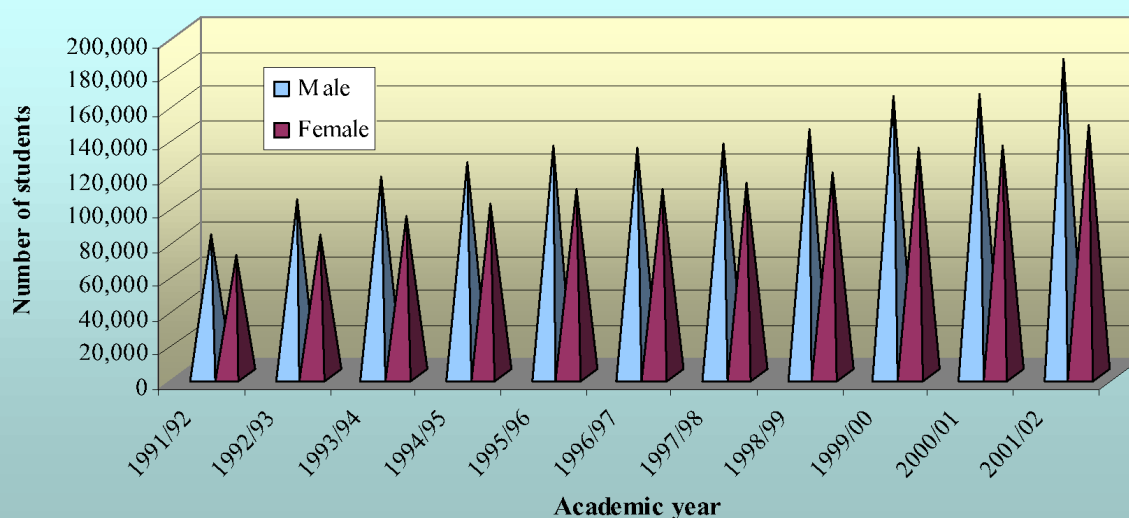
From the year 1991/92 until the year 1997/98 except for the academic year 1996/97 enrolment of under-age was continuously decreasing. This is true because MOE regulations in those years did not allow children under 7 to be enrolled in elementary schools. Starting from the year 1997/98 the enrolment of under-age children increased continuously. This development could be explained by the ministry's apparent permission to register children of 6 years of age.

7. Children out of school

Table 14. Net enrolment and children out of school 1991/92-2001/02

Year	Population 7-11.			Net enrolment 7-11.			NER	Number of children out of school 7-11			Percentage of children out of School 7-11
	T	M	F	T	M	F		T	M	F	
1991/92	375,234	198,552	176,682	93,087	48,397	44,690	24.81	282,147	150,155	131,992	75.19
1992/93	388,581	206,052	182,529	109,111	57,126	51,985	28.08	279,470	148,926	130,544	71.92
1993/94	401,679	213,000	188,679	113,612	59,645	53,967	28.28	288,067	153,355	134,712	71.72
1994/95	414,606	219,502	195,104	122,084	64,098	57,986	29.45	292,522	155,404	137,118	70.55
1995/96	427,429	225,658	201,771	133,496	69,958	63,538	31.23	293,933	155,700	138,233	68.77
1996/97	440,171	231,537	208,634	136,943	72,073	64,870	31.11	303,228	159,464	143,764	68.89
1997/98	451,076	236,293	214,783	150,751	80,212	70,539	33.42	300,325	156,081	144,244	66.58
1998/99	478,441	249,970	228,471	166,879	89,556	77,323	34.88	311,562	160,414	151,148	65.12
1999/00	470,652	239,841	230,811	194,963	104,748	90,215	41.42	275,689	135,093	140,596	58.58
2000/01	486,639	248,232	238,407	205,831	111,022	94,809	42.30	280,808	137,210	143,598	57.70
2001/02	504,246	257,793	246,453	232,030	125,941	106,089	46.02	272,216	131,852	140,364	53.98

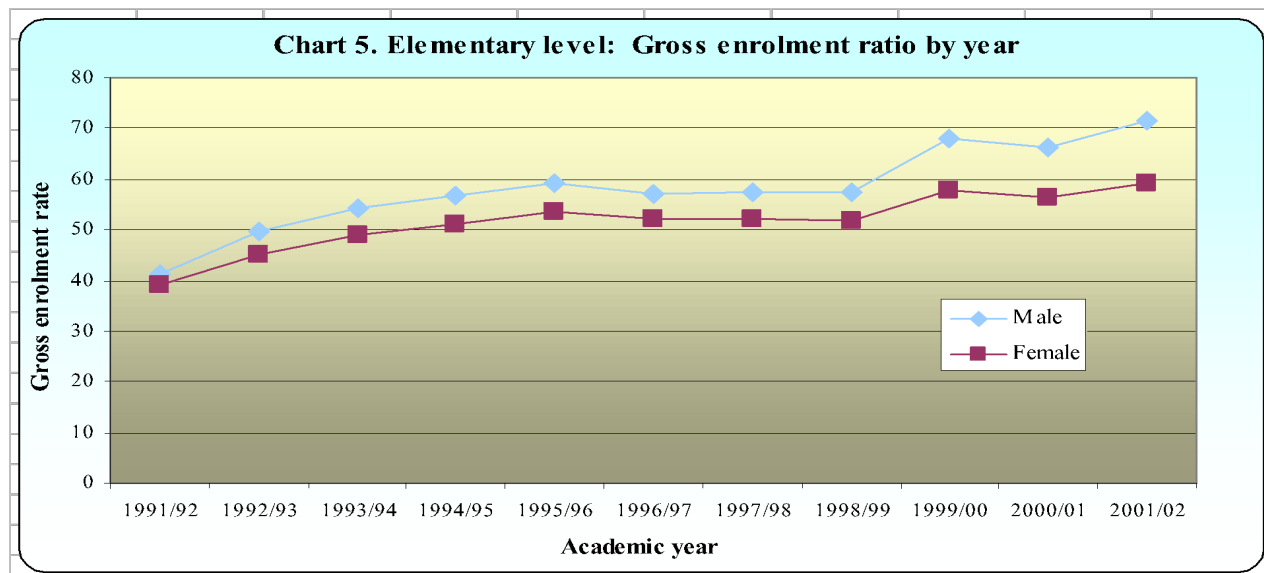
Chart 4. Elementary level: Enrolment by year and gender



8. Gross enrolment ratio, elementary level

Table 15. Elementary level: Gross enrolment ratio 1991/92-2001/02

Year	Population 7-11			Enrolment in elementary level			Gross enrolment ratio %		
	T	M	F	T	M	F	T	M	F
1991/92	375,234	198,552	176,682	150,982	81,746	69,236	40.24	41.17	39.19
1992/93	388,581	206,052	182,529	184,656	102,235	82,421	47.52	49.62	45.16
1993/94	401,679	213,000	188,679	208,199	115,663	92,536	51.83	54.30	49.04
1994/95	414,606	219,502	195,104	224,287	124,544	99,743	54.10	56.74	51.12
1995/96	427,429	225,658	201,771	241,725	133,471	108,254	56.55	59.15	53.65
1996/97	440,171	231,537	208,634	240,737	132,250	108,487	54.69	57.12	52.00
1997/98	451,076	236,293	214,783	247,499	135,569	111,930	54.87	57.37	52.11
1998/99	478,441	249,970	228,471	261,963	143,578	118,385	54.75	57.44	51.82
1999/00	470,652	239,841	230,811	295,941	162,896	133,045	62.88	67.92	57.64
2000/01	486,639	248,232	238,407	298,691	164,523	134,168	61.38	66.28	56.28
2001/02	504,246	257,793	246,453	330,278	184,060	146,218	65.50	71.40	59.33



9. Net enrolment ratio

Table 16. Elementary level: Net enrolment and net enrolment ratio: 1991/92-2001/02

Year	Population age 7-11.			Net enrolment in elementary level			Net enrolment ratio %		
	T	M	F	T	M	F	T	M	F
1991/92	375,234	198,552	176,682	93,087	48,397	44,690	24.81	24.37	25.29
1992/93	388,581	206,052	182,529	109,111	57,126	51,985	28.08	27.72	28.48
1993/94	401,679	213,000	188,679	113,612	59,645	53,967	28.28	28.00	28.60
1994/95	414,606	219,502	195,104	122,084	64,098	57,986	29.45	29.20	29.72
1995/96	427,429	225,658	201,771	133,496	69,958	63,538	31.23	31.00	31.49
1996/97	440,171	231,537	208,634	136,943	72,073	64,870	31.11	31.13	31.09
1997/98	451,076	236,293	214,783	150,751	80,212	70,539	33.42	33.95	32.84
1998/99	478,441	249,970	228,471	166,879	89,556	77,323	34.88	35.83	33.84
1999/00	470,652	239,841	230,811	194,963	104,743	90,215	41.42	43.67	39.09
2000/01	486,639	248,232	238,407	205,831	111,022	94,809	42.30	44.73	39.77
2001/02	504,246	257,793	246,453	232,030	125,941	106,089	46.02	48.85	43.05

10. Disparities among regions

Table 17. Elementary level: Gross enrolment ratio by region 2001/02

Region	Population age 7-11	Gross enrolment	Gross enrolment ratio	Deviation from national ratio
Anseba	71,664	47,690	66.55	1.05
Deb-Keih-Bahri	10,784	4,093	37.95	-27.55
Debub	127,250	120,211	94.47	28.97
Gash Barka	118,384	62,522	52.81	-12.69
Maekel	91,278	72,925	79.89	14.39
Sem-Keih-Bahri	84,894	22,837	26.90	-38.60
Total	504,250	330,278	65.50	

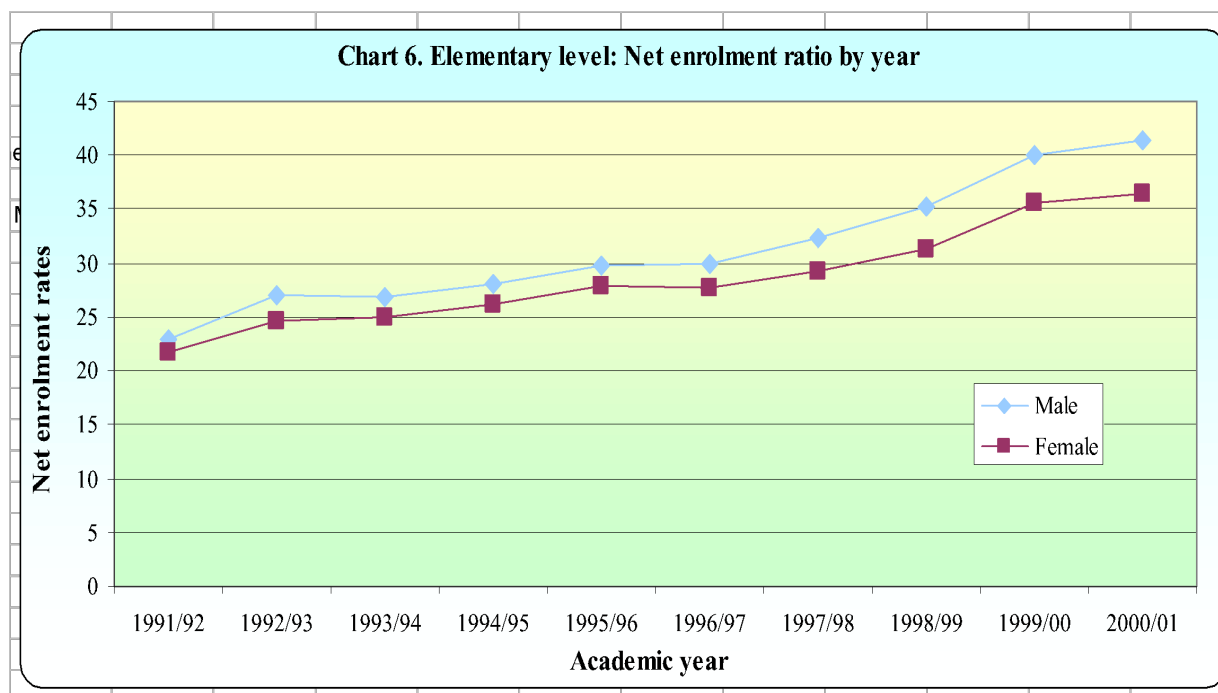
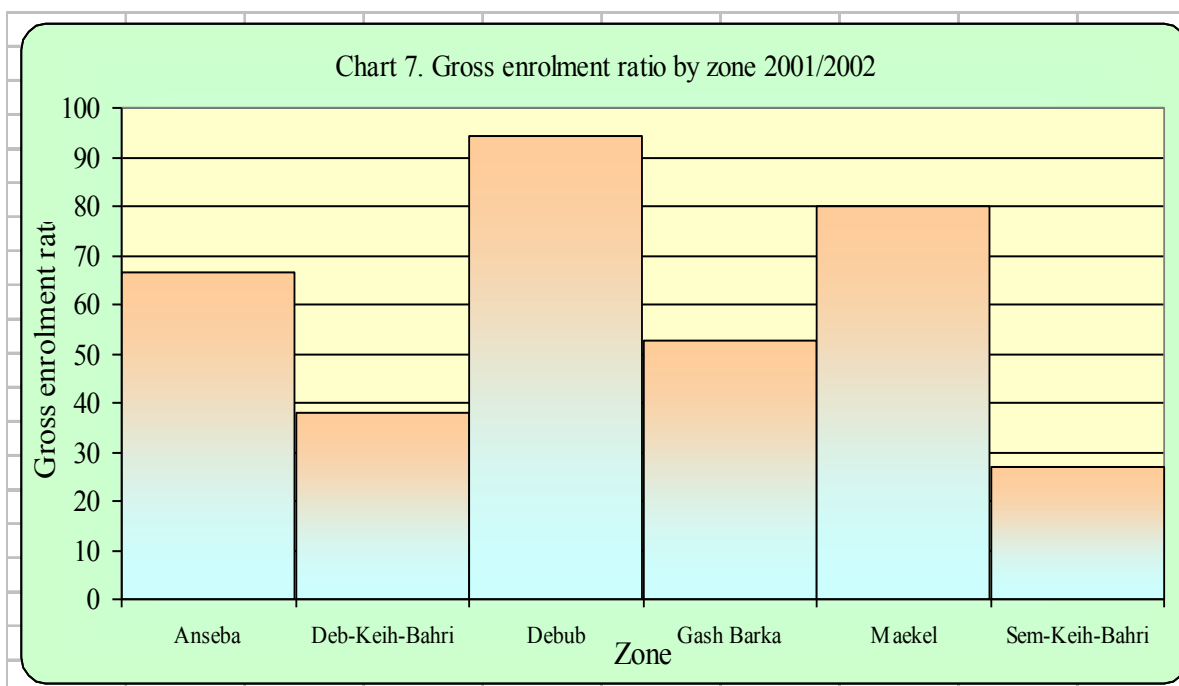


Table 18. Elementary level: Net enrolment ratio by region 2001/02

Region	Population age 7-11	Net enrolment	Net enrolment ratio	Deviation from national ratio
Anseba	71,664	32,357	45.15	-0.86
Deb-Keih-Bahri	10,784	2,920	27.08	-18.93
Debub	127,250	86,073	67.64	21.63
Gash-Barka	118,384	42,426	35.84	-10.26
Maekel	91,278	52,778	57.82	11.81
Sem-Keih-Bahri	84,894	15,476	18.23	-27.78
Total	504,250	232,030	46.01	



VI. Middle level

1. Duration

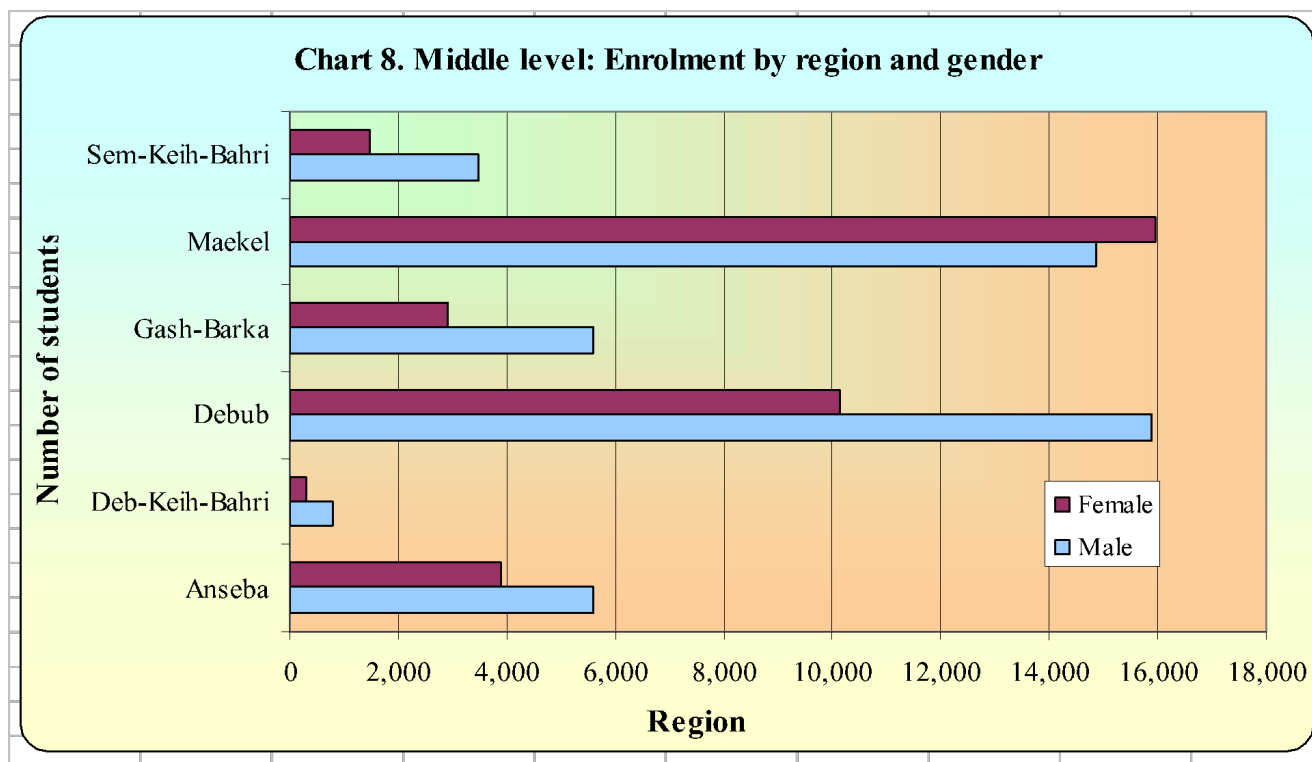
The duration of Middle level is two years (grade 6 and 7). It is the second part of the compulsory basic education. Medium of instruction in this level is English.

2. Enrolment

Enrolment for the academic year 2001/02 was 80,882. Female enrolment constitute 34,667 (42.9%) of the total number. Approximately 7.1% of the pupils in the Middle level were attending non-government schools.

**Table 19. Middle level: Enrolment by grade, gender and Region
2001/02
(Government and non-government)**

Region	Totals 6-7			Grade 6			Grade 7		
	Totals	Male	Female	Total	Male	Female	Total	Male	Female
Anseba	9493	5610	3883	5138	3024	2114	4355	2586	1769
Deb-Keih-Bahri	1114	798	316	604	424	180	510	374	136
Dehub	25999	15869	10130	13745	8188	5557	12254	7681	4573
Gash-Barka	8519	5604	2915	4759	3084	1675	3760	2520	1240
Maekel	30788	14845	15943	15221	7371	7850	15567	7474	8093
Sem-Keih-Bahri	4969	3489	1480	2602	1871	731	2367	1618	749
Totals	80882	46215	34667	42069	23962	18107	38813	22253	16560



3. Gross enrolment ratio

Table 20. Middle level: Gross enrolment ratio 1991/92-2001/02

Year	Population 12-13			Enrolment of middle level			Gross enrolment ratio		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1991/92	136,712	72,904	63,808	27,917	14,414	13,503	20.42	19.77	21.16
1992/93	141,576	75,657	65,919	28,431	15,052	13,379	20.08	19.90	20.30
1993/94	146,349	78,209	68,140	32,781	18,129	14,652	22.40	23.18	21.50
1994/95	151,058	80,597	70,461	34,995	19,310	15,685	23.17	23.96	22.26
1995/96	155,725	82,856	72,869	39,751	21,648	18,103	25.53	26.13	24.84
1996/97	160,363	85,015	75,348	47,460	26,739	20,721	29.60	31.45	27.50
1997/98	164,331	86,762	77,569	57,152	32,998	24,154	34.78	38.03	31.14
1998/99	174,295	91,783	82,512	67,021	37,731	29,290	38.45	41.11	35.50
1999/00	164,059	81,820	82,239	74,317	41,033	33,284	45.30	50.15	40.47
2000/01	169,628	84,683	84,945	76,564	41,457	35,107	45.14	48.96	41.33
2001/02	175,758	87,947	87,811	80,882	46,215	34,667	46.02	52.55	39.48

Chart 9. Middle level: Enrlment by year and gender

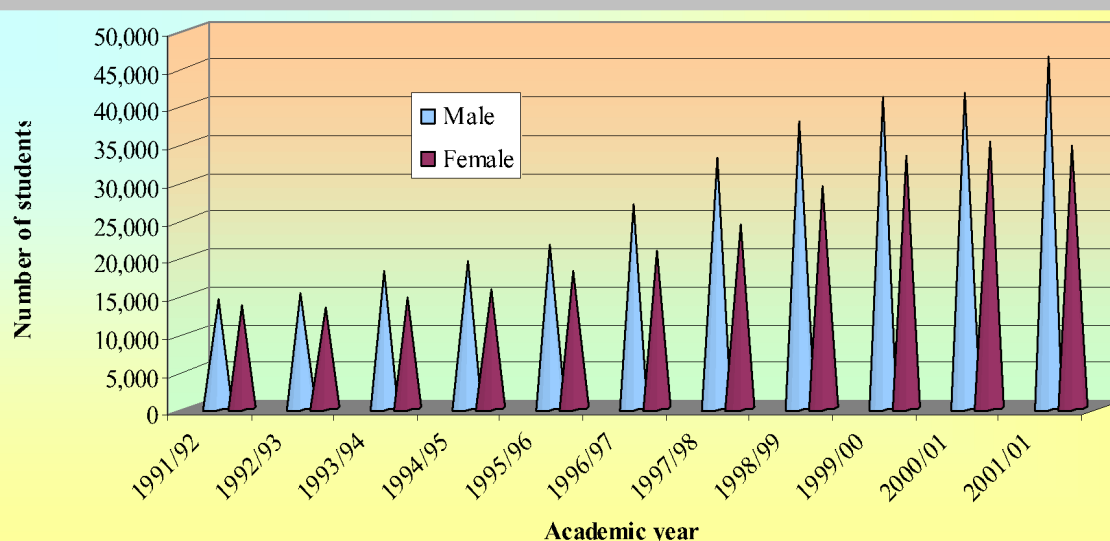


Table 21. Middle level: Gross enrolment Ratio by region 2001/02

Region	Population age 12-13	Gross enrolment	Gross enrolment ratio	Deviation from national ratio
Anseba	24,979	9,493	38.00	-8.02
Deb-Keih-Bahri	3,759	1,114	29.64	16.38
Debub	44,353	25,999	58.62	12.6
Gash Barka	41,263	8,519	20.65	-25.37
Maekel	31,814	30,788	96.78	50.76
Sem-Keih-Bahri	29,590	4,969	16.79	-29.23
Total	175,757	80,882	46.02	

4. Net enrolment ratio

Table 22. Middle level: Net enrolment ratio 1991/92-2001/02

Year	Population 12-13			Net enrolment of Middle level			Net enrolment ratio %		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1991/92	136,712	72,904	63,808	9,727	5,111	4,616	7.11	7.01	7.23
1992/93	141,576	75,657	65,919	7,941	4,275	3,666	5.61	5.65	5.56
1993/94	146,349	78,209	68,140	8,594	4,604	3,990	5.87	5.89	5.86
1994/95	151,058	80,597	70,461	9,074	4,763	4,311	6.01	5.91	6.12
1995/96	155,725	82,856	72,869	9,988	5,299	4,689	6.41	6.40	6.43
1996/97	160,363	85,015	75,348	12,604	6,925	5,679	7.86	8.15	7.54
1997/98	164,331	86,762	77,569	14,751	8,062	6,689	8.98	9.29	8.62
1998/99	174,295	91,783	82,512	15,878	8,400	7,478	9.11	9.15	9.06
1999/00	164,059	81,820	82,239	18,201	9,552	8,649	11.09	11.67	10.52
2000/01	169,628	84,683	84,945	20,409	10,639	9,770	12.03	12.56	11.50
2001/02	175,758	87,947	87,811	22,348	11,718	10,630	12.72	13.32	12.11

Table 23. Middle level: Net enrolment ratio by region 2001/02

Region	Population age 12-13	Net enrolment	Net enrolment ratio	Deviation from national ratio
Anseba	24,979	2,036	8.15	-4.57
Deb-Keih-Bahri	3,759	302	8.03	-4.69
Dehub	44,353	5,753	12.97	0.25
Gash-Barka	41,263	1,653	4.01	-8.71
Maekel	31,814	11,529	36.24	23.52
Sem-Keih-Bahri	29,590	1,075	3.63	-9.09
Total	175,757	22,348	12.72	

5. Percentage of repeaters

Table 24. Middle level: Total number and percentage of repeaters 1991/92-2001/02

Year	Enrolment in middle level			Repeaters of middle level			Percentage of repeaters		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1991/92	27,917	14,414	13,503	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1992/93	28,431	15,052	13,379	12,256	4,116	8,140	43.1	27.3	60.8
1993/94	32,781	18,129	14,652	5,544	2,120	3,424	16.9	11.7	23.4
1994/95	34,995	19,310	15,685	4,736	1,781	2,955	13.5	9.2	18.8
1995/96	39,751	21,648	18,103	5,329	1,918	3,411	13.4	8.9	18.8
1996/97	47,460	26,739	20,721	6,193	2,385	3,808	13.1	8.9	18.4
1997/98	57,152	32,998	24,154	8,707	3,401	5,306	15.2	10.3	22.0
1998/99	67,021	37,731	29,290	12,119	5,042	7,077	18.1	13.4	24.2
1999/00	74,317	41,033	33,284	15,632	7,053	8,579	21.0	17.2	25.8
2000/01	76,564	41,457	35,107	16,870	8,025	8,845	22.0	19.4	25.2
2001/02	80,882	46,215	34,667	17,419	9,029	8,390	21.5	19.5	24.2

The total percentage of repeaters had been declining between 1992/93 and 1996/97 but has been increasing in the last five years.

VII. Secondary level

1. Duration

The duration of Secondary level is four years (Grade 8-11).

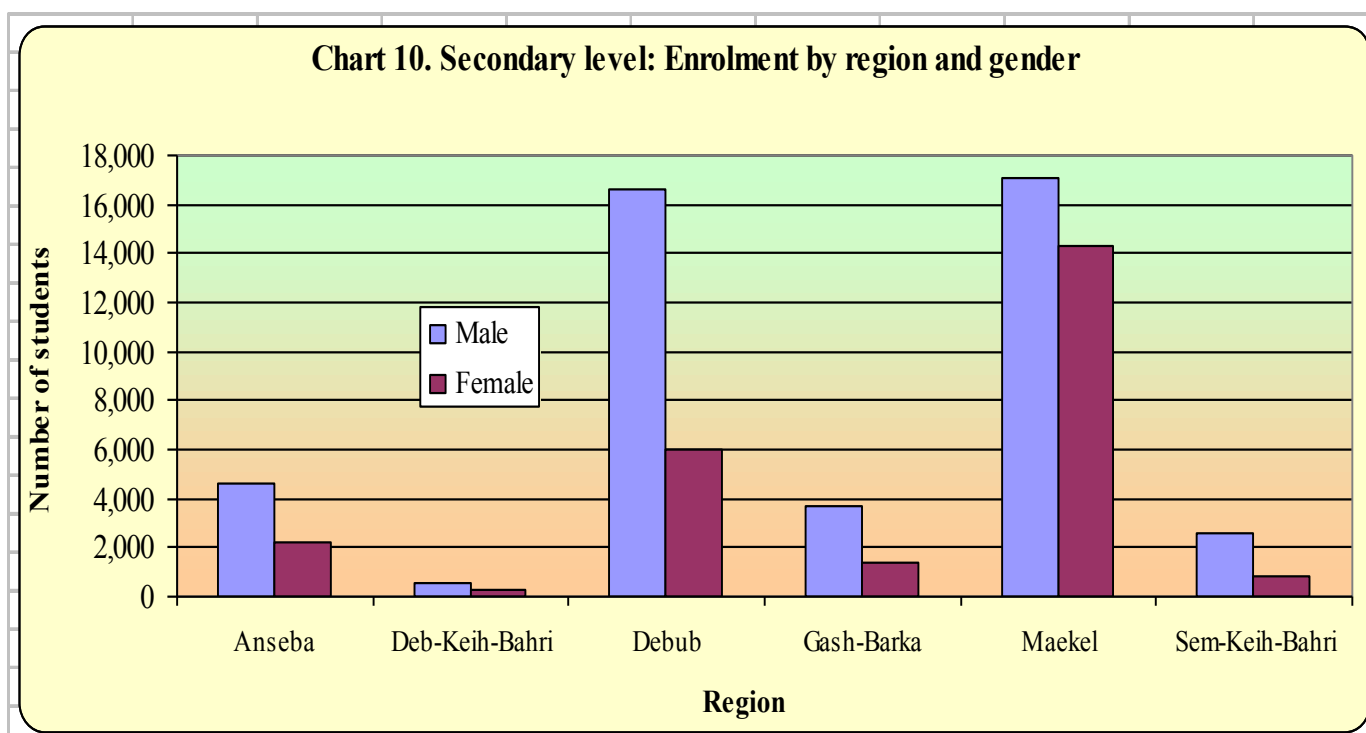
2. Enrolment

Enrolment for the year 2001/2002 was 70,183. Female enrolment constitutes 25,054 (35.7%). Approximately 3.8% of the students in the Secondary level were attending non-government schools.

**Table 25. Secondary level: Enrolment by gender and Region 2001/02
(Government and non-government)**

Region	Total 8-11		
	Total	Male	Female
Anseba	6,853	4,592	2,261
Deb-Keih-Bahri	750	516	234
Debab	22,595	16,583	6,012
Gash-Barka	5,121	3,714	1,407
Maekel	31,419	17,116	14,303
Sem-Keih-Bahri	3,445	2,608	837
Total	70,183	45,129	25,054

Chart 10. Secondary level: Enrolment by region and gender



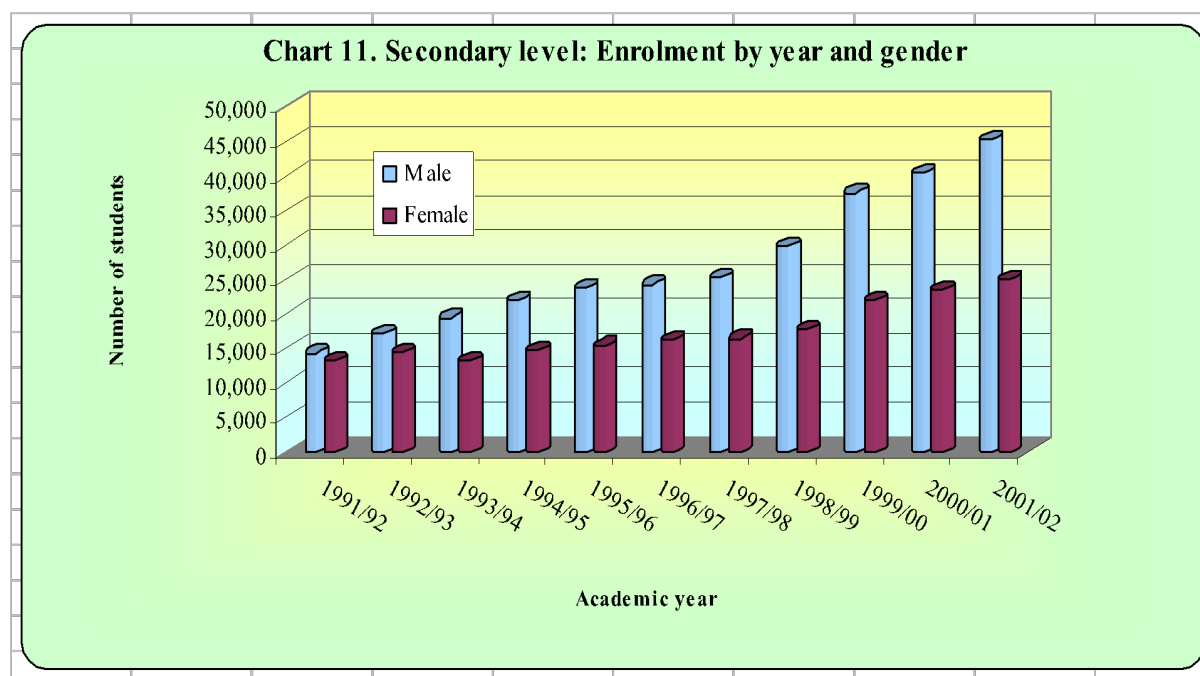
3. Gross enrolment ratio

Table 26. Secondary level: Gross enrolment ratio 1991/92-2001/02

Year	Population 14-17			Enrolment in Secondary level			Gross enrolment ratio %		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1991/92	210,515	110,133	100,382	27,627	14,281	13,346	13.12	12.97	13.30
1992/93	217,998	114,293	103,705	31,531	17,141	14,390	14.46	15.00	13.88
1993/94	225,344	118,144	107,200	32,756	19,432	13,324	14.54	16.45	12.43
1994/95	232,603	121,753	110,850	36,728	22,097	14,631	15.79	18.15	13.20
1995/96	239,805	125,167	114,638	39,188	23,713	15,475	16.34	18.95	13.50
1996/97	246,964	128,427	118,537	40,594	24,262	16,332	16.44	18.89	13.78
1997/98	253,097	131,066	122,031	41,615	25,198	16,417	16.44	19.23	13.45
1998/99	268,460	138,652	129,808	47,533	29,777	17,756	17.71	21.48	13.68
1999/00	272,871	139,459	133,412	59,626	37,533	22,093	21.85	26.91	16.56
2000/01	282,140	144,338	137,802	63,951	40,355	23,596	22.67	27.96	17.12
2001/02	292,355	149,903	142,452	70,183	45,129	25,054	24.01	30.11	17.59

Table 27. Secondary level: Gross enrolment ratio by region 2001/02

Region	Population age 14-17	Gross enrolment	Gross enrolment ratio	Deviation from national ratio
Anseba	41,550	6,853	16.49	-7.52
Deb-Keih-Bahri	6,252	750	12.00	-12.01
Debub	73,777	22,595	30.63	6.62
Gash Barka	68,636	5,121	7.46	-16.55
Maekel	52,920	31,419	59.37	35.36
Sem-Keih-Bahri	49,219	3,445	7.00	-17.01
Total	292,351	70,183	24.01	



4. Net enrolment ratio

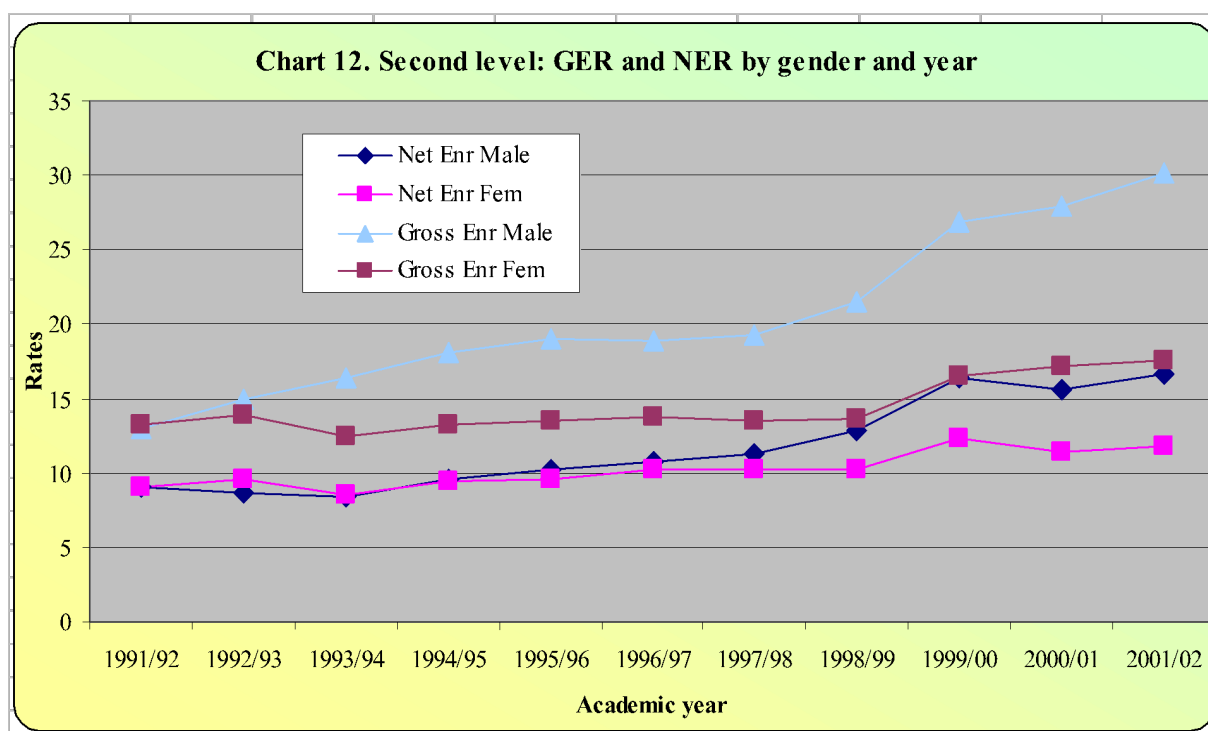
Table 28: Secondary level: Net enrolment ratio 1991/92-2001/02

Year	Population 14-17			Net enrolment in in Secondary level			Net enrolment ratio (NER)		
	Total	Male	Female	Total	Male	Female	Total	Male	Female

1991/92	210,515	110,133	100,382	19,131	9,999	9,132	9.09	9.08	9.10
1992/93	217,998	114,293	103,705	19,880	9,951	9,929	9.12	8.71	9.57
1993/94	225,344	118,144	107,200	19,097	9,932	9,165	8.47	8.41	8.55
1994/95	232,603	121,753	110,850	22,108	11,584	10,524	9.50	9.51	9.49
1995/96	239,805	125,167	114,638	23,780	12,788	10,992	9.92	10.22	9.59
1996/97	246,964	128,427	118,537	25,911	13,822	12,089	10.49	10.76	10.20
1997/98	253,097	131,066	122,031	27,357	14,817	12,540	10.81	11.30	10.28
1998/99	268,460	138,652	129,808	30,995	17,755	13,240	11.55	12.81	10.20
1999/00	272,871	139,459	133,412	39,197	22,800	16,397	14.36	16.35	12.29
2000/01	282,140	144,338	137,802	38,271	22,482	15,789	13.56	15.58	11.46
2001/02	292,355	149,903	142,452	41,748	24,906	16,842	14.28	16.61	11.82

Table 29. Secondary level: Net enrolment ratio by region 2001/02

Region	Population age 14-17	Net enrolment	Net enrolment ratio	Deviation from national ratio
Anseba	41,550	3,800	9.15	-5.13
Deb-Keih-Bahri	6,252	589	9.42	-4.86
Debub	73,777	12,697	17.21	2.93
Gash-Barka	68,636	2,867	4.18	-10.1
Maekel	52,920	20,120	38.02	23.74
Sem-Keih-Bahri	49,219	1,675	3.40	-10.88
Total	292,351	41,748	14.28	



5. Percentage of repeaters

Table 30. Secondary level: Total number and percentage of repeaters by gender 1991/92-2001/02

	Enrolment in	Repeaters at	Percentage
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Year	Secondary level			secondary level			of repeaters		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1991/92	27,627	14,281	13,346	11,072	4,241	6,831	40.1	29.7	51.2
1992/93	31,531	17,141	14,390	11,426	4,341	7,085	36.2	25.3	49.2
1993/94	32,756	19,432	13,324	7,504	3,212	4,292	22.9	16.5	32.2
1994/95	36,728	22,097	14,631	6,182	2,704	3,478	16.8	12.2	23.8
1995/96	39,188	23,713	15,475	7,296	3,113	4,183	18.6	13.1	27.0
1996/97	40,594	24,262	16,332	7,135	3,272	3,863	17.6	13.5	23.7
1997/98	41,615	25,198	16,417	7,648	3,305	4,343	18.4	13.1	26.4
1998/99	47,533	29,777	17,756	5,941	2,813	3,128	12.4	9.4	17.6
1999/00	57,334	36,504	20,830	7,640	3,999	3,641	13.3	11.0	17.5
2000/01	63,951	40,355	23,596	11,627	6,747	4,880	18.2	16.7	20.7
2001/02	70,183	45,129	25,054	13,321	7,902	5,419	19.0	17.5	21.6

VIII. Internal efficiency

1. Length of school year.

The duration of the school year in the academic year 2001/02 was 191 days in both the highlands and lowlands. In both regions the number of periods per week in grades 1-2 and 3-5 was 25 and 35 respectively. (There are 5 periods for grades 1-2 in a day and 7 periods for grades 3-5 in a day). In other grades the number of periods per week is 35.

In the academic year 2001/2002, schooling in the highlands began in September 17 and ended in June 28. In the lowlands it began in October 1 and ended in May 31. Schools in the lowlands teach 6 days a week while schools in the highlands teach 5 days a week.

The duration of the school year in 2001/2002 is shown in table 31.

Table 31. Elementary level: Duration of school year

Grade	Location	Periods per day	School days per Year	Total number of periods	Total number of contact hrs.
1	Highland	5	191	955	637
	Lowland	5			
2	Highland	5	191	955	637
	Lowland	5			
3	Highland	7	191	1,337	891
	Lowland	7			
4	Highland	7	191	1,337	891
	Lowland	7			
5	Highland	7	191	1,337	891
	Lowland	7			

2. Elementary level: Percentage of repeaters

Table 32. Elementary level: Enrolment, repeaters and rate of repetition by gender 1991/92-2001/02

Year	Enrolment			Repeaters			Percentage of repeaters		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1991/92	150,982	81,746	69,236	N. A.	N. A.	N. A.	N. A.	N. A.	N. A.

1992/93	184,656	102,235	82,421	47,139	23,289	23,850	25.5	22.8	28.9
1993/94	208,199	115,663	92,536	41,694	20,632	21,062	20.0	17.8	22.8
1994/95	224,287	124,544	99,743	42,426	21,177	21,249	18.9	17.0	21.3
1995/96	241,725	133,471	108,254	49,172	24,470	24,702	20.3	18.3	22.8
1996/97	240,737	132,250	108,487	49,246	25,006	24,240	20.5	18.9	22.3
1997/98	247,499	135,569	111,930	56,157	28,613	27,544	22.7	21.1	24.6
1998/99	261,963	143,578	118,385	50,820	26,168	24,652	19.4	18.2	20.8
1999/00	295,941	162,896	133,045	57,366	30,798	26,568	19.4	18.9	20.0
2000/01	298,691	164,523	134,168	41,387	22,499	18,888	13.9	13.7	14.1
2001/02	330,278	184,060	146,218	47,249	21,005	26,244	14.3	11.4	17.9

3. All grades: Flow rates

Table 33. All grades: Flow rates by gender and grade 2001/02

Grade	Dropout			Repetition			Promotion		
	Male %	Fem. %	Tot %	Male %	Fem. %	Tot %	Male %	Fem. %	Tot %
1	7.7	6.8	7.2	30.5	31.7	31.0	61.8	61.6	61.7
2	4.4	4.2	4.3	18.9	20.1	19.4	76.7	75.7	76.3
3	4.8	4.8	4.8	18.7	21.4	19.8	76.5	73.8	75.3
4	6.0	5.7	5.9	22.3	25.7	23.8	71.7	68.6	70.3
5	6.9	6.6	6.8	14.6	17.8	16.0	78.5	75.6	77.2
6	12.3	10.1	11.3	25.1	31.0	27.7	62.6	58.9	61.0
7	10.8	10.0	10.5	18.1	23.5	20.4	71.1	66.5	69.1
8	16.1	12.3	14.6	27.6	35.2	30.6	56.2	52.5	54.8
9	15.3	10.6	13.6	25.1	33.3	28.2	59.6	56.1	58.3
10	13.2	7.6	11.4	30.6	35.0	32.0	56.2	57.4	56.6
11	9.6	3.9	7.7	18.6	15.7	17.7	71.8	80.4	74.6
Total									

4. Elementary level: Flow rates

Table 34. Elementary level: Flow rates 2001/02

Grade	Dropout			Repetition			Promotion		
	Male %	Fem. %	Tot %	Male %	Fem. %	Tot %	Male %	Fem. %	Tot %
1	7.7	6.8	7.2	30.5	31.7	31.0	61.8	61.6	61.7
2	4.4	4.2	4.3	18.9	20.1	19.4	76.7	75.7	76.3
3	4.8	4.8	4.8	18.7	21.4	19.8	76.5	73.8	75.3
4	6.0	5.7	5.9	22.3	25.7	23.8	71.7	68.6	70.3
5	6.9	6.6	6.8	14.6	17.8	16.0	78.5	75.6	77.2
Total	6.0	5.6	5.9	22.3	24.5	23.3	71.7	69.8	70.9

5. Middle level: Flow rates

Table 35. Middle level: Flow rates 2001/02

Grade	Dropout			Repetition			Promotion		
	Male %	Fem. %	Tot %	Male %	Fem. %	Tot %	Male %	Fem. %	Tot %
6	12.3	10.1	11.3	25.1	31.0	27.7	62.6	58.9	61.0
7	10.8	10.0	10.5	18.1	23.5	20.4	71.1	66.5	69.1
Total	11.6	10.1	10.9	21.8	27.4	24.2	66.7	62.6	64.9

6. Secondary level: Flow rates

Table 36. Secondary level: Flow rates 2001/02

Grade	Dropout			Repetition			Promotion		
	Male %	Fem. %	Tot %	Male %	Fem. %	Tot %	Male %	Fem. %	Tot %
8	16.1	12.3	14.6	27.6	35.2	30.6	56.2	52.5	54.8
9	15.3	10.6	13.6	25.1	33.3	28.2	59.6	56.1	58.3
10	13.2	7.6	11.4	30.6	35.0	32.0	56.2	57.4	56.6
11	9.6	3.9	7.7	18.6	15.7	17.7	71.8	80.4	74.6
Total	14.4	10.0	12.8	26.6	32.7	28.8	59.0	57.2	58.3

7. Elementary level: Average flow rates

Table 37. Elementary level: Average flow rates 2001/02

Eritrea	Grade	1	2	3	4	5
	Eritrea	Promotion rate	61.7	76.3	75.3	70.3
Repetition rate		31.0	19.4	19.9	23.8	16.0
Dropout rate		7.2	4.3	4.8	5.8	6.8
Anseba	Promotion rate	63.9	77.5	76.1	71.4	78.5
	Repetition rate	30.6	18.3	18.8	22.0	14.1
	Dropout rate	5.5	4.2	5.1	7.0	7.4
Deb-Keih-B	Promotion rate	59.3	72.6	77.2	76.1	81.6
	Repetition rate	29.2	22.2	17.6	20.9	14.7
	Dropout rate	11.5	5.2	5.2	3.0	3.8
Dehub	Promotion rate	59.6	76.0	73.6	68.7	75.9
	Repetition rate	32.3	19.5	20.8	24.4	15.8
	Dropout rate	8.2	4.5	5.6	6.9	8.3
Gash-Barka	Promotion rate	58.7	70.5	71.1	66.2	70.6
	Repetition rate	32.7	23.1	21.7	25.6	19.3
	Dropout rate	8.6	6.4	7.2	8.2	10.1
Maekel	Promotion rate	68.9	81.8	80.3	74.2	80.7
	Repetition rate	26.7	16.1	18.0	22.9	15.8
	Dropout rate	4.4	2.1	1.9	2.9	3.5
Sem-Keih-B	Promotion rate	61.8	76.6	77.4	70.4	79.1
	Repetition rate	30.9	19.9	18.8	24.4	15.1
	Dropout rate	7.2	3.6	3.8	5.2	5.8

8. Elementary level: Cohort Reconstruction

Figure 1 is constructed based on the actual flow rates of the 2001/2002 academic year indicated in table 29.

Figure 1: Elementary level: hypothetical cohort reconstruction (Constant)

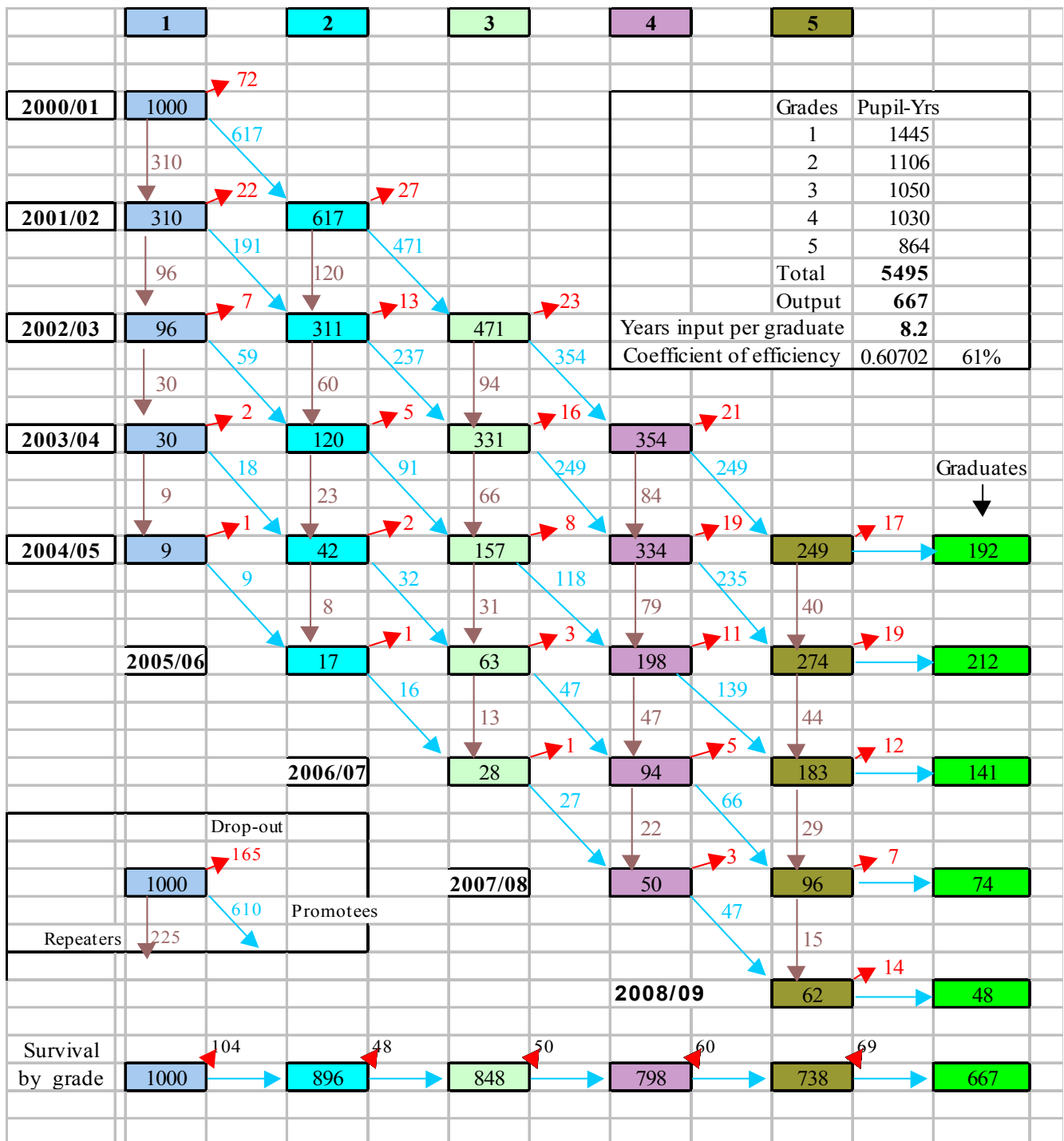
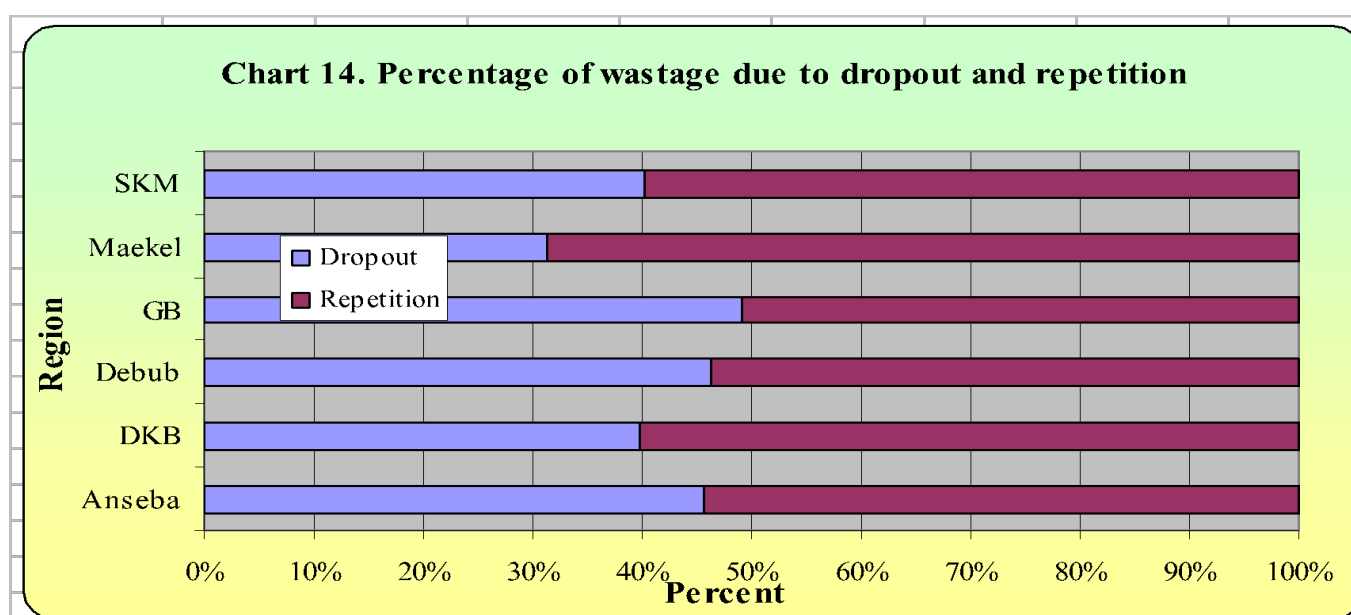
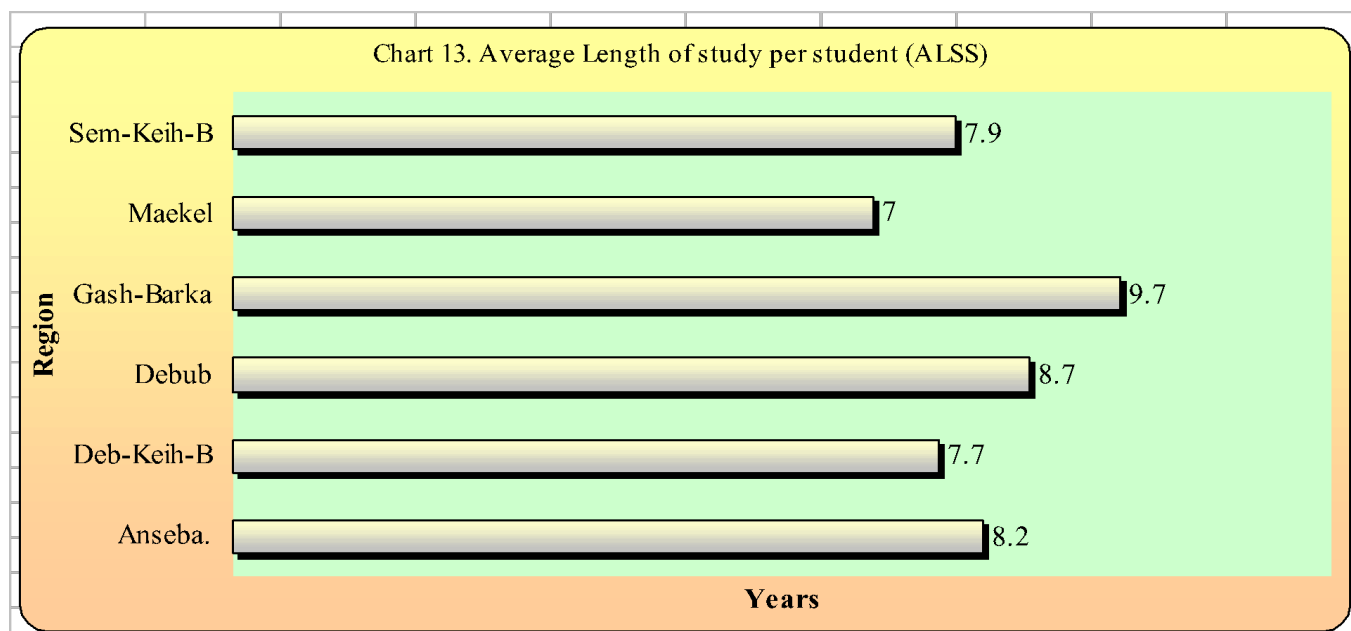


Table 38. Eritrea elementary level: Wastage, survival and transition rates*(Based on the 2000/2001 flow rates and cohort reconstruction of each region)*

	Internal efficiency rates	Total	ANS	DKB	DEB	GASH	MAK L	SKB
1	Elementary level: Wastage ratio	1.65	1.64	1.55	1.74	1.93	1.41	1.59
2	Survival rate for Grade 2	89.6	92.1	83.8	87.9	87.3	94.0	89.6
	Survival rate for Grade 3	84.8	87.4	78.2	83.0	80.0	91.7	85.6
	Survival rate for Grade 4	79.8	81.9	73.3	77.2	72.8	89.5	81.6
	Survival rate for Grade 5	73.8	74.7	70.6	70.3	64.9	86.2	76.1
3	Transition rate from elementary level to middle level (No national exam.)	66.7	67.5	66.8	62.5	55.5	81.8	69.9
4	Proportion of total waste spent on dropouts	43.2	45.7	39.7	46.2	49.2	31.3	40.3
5	Proportion of total waste spent on repetition	56.8	54.3	60.3	53.8	50.8	68.7	59.7
6	Average length of study per graduate	8.2	8.2	7.7	8.7	9.7	7.0	7.9



IX. Elementary, middle and Secondary level: Teaching staff

Table 39. Teachers: Gender and level by Region. 2001/02

Region	1-5			6-7			8-11			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Anseba	713	415	1128	185	11	196	105	6	111	1003	432	1435
Deb-Keih-Bahri	110	33	143	25	0	25	17	0	17	152	33	185
Debub	1353	854	2207	382	29	411	296	21	317	2031	904	2935
Gash-Barka	1062	384	1446	177	14	191	110	11	121	1349	409	1758
Maekel	888	1017	1905	492	118	610	695	98	793	2075	1233	3308
Sem-Keih-Bahri	499	170	669	91	5	96	51	9	60	641	184	825
Total	4625	2873	7498	1352	177	1529	1274	145	1419	7251	3195	10446

1. Elementary, middle and Secondary level: Pupil/teacher ratio.

This ratio represents the average number of pupils per teacher at each level.

Table 40. Pupil /teacher ratio by year and level

Year	Level								
	1-5			6-7			8-11		
	Pupil	Teacher	Pupil/teacher Ratio	Pupil	Teacher	Pupil/teacher Ratio	Pupil	Teacher	Pupil/teacher Ratio
1991/92	150,982	3,647	41	27,917	783	36	27,627	758	36
1992/93	184,656	4,978	37	28,431	855	33	31,531	905	35
1993/94	208,199	5,272	39	32,781	978	34	32,756	1,015	32
1994/95	224,287	5,583	40	34,995	948	37	36,728	1,081	34
1995/96	241,725	5,828	41	39,751	992	40	39,188	1,039	38
1996/97	240,737	5,476	44	47,460	1,017	47	40,594	942	43
1997/98	247,499	5,799	43	57,152	1,162	49	41,615	959	43
1998/99	26,1963	5,576	47	67,021	1,208	56	47,533	982	49
1999/00	29,5941	6,229	48	74,317	1,312	57	57,334	1,047	55
2000/01	298,691	6,668	45	76,564	1,377	56	63,951	1,188	54
2001/02	330,278	7,498	44	80,882	1,529	53	70,183	1,419	50

2. Teachers' qualifications

Teachers in the elementary level are considered technically qualified if they are graduates of the TTI or have an equivalent / higher qualification.

Teachers in the middle level are considered technically qualified if they have a qualification of higher education diploma (12+2)/ have an equivalent / higher qualification.

Teachers in the secondary level are considered technically qualified if they have a minimum qualification of BA or BSc.

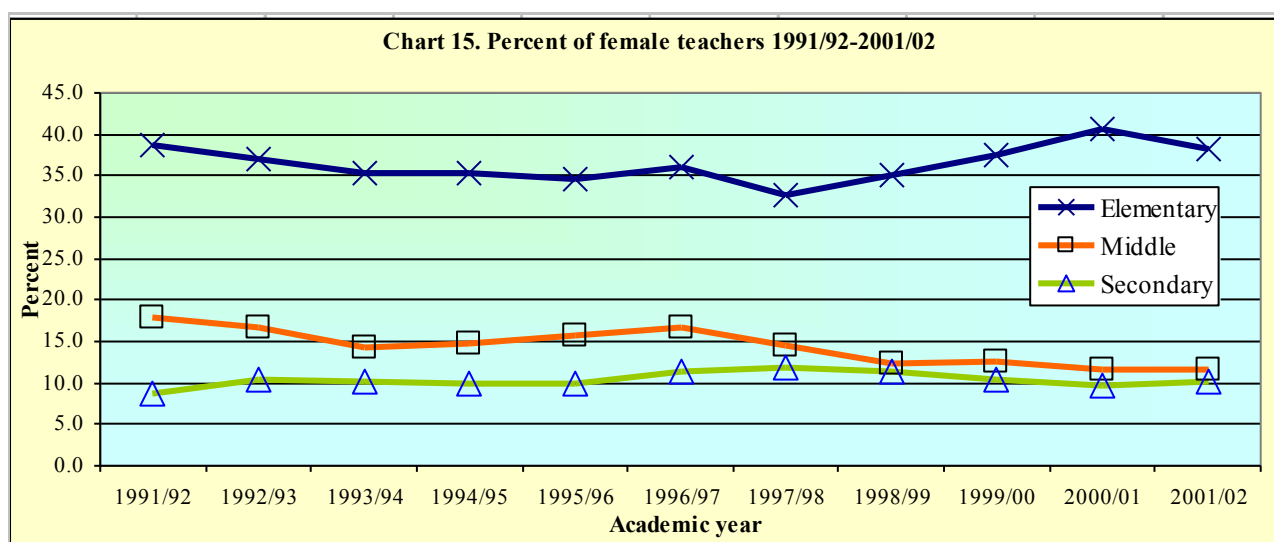
Table 41. Teachers' qualifications

Year	Level								
	1-5			6-7			8-11		
	Total	Qualified	% of qualified	Total	Qualified	% of qualified	Total	Qualified	% of qualified
1991/92	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A	N.A
1992/93	4,978	2,128	42.7	855	484	56.6	905	431	47.6
1993/94	5,272	2,062	39.1	978	710	72.6	1,015	479	47.2
1994/95	5,583	2,675	47.9	948	661	69.7	1,081	507	46.9
1995/96	5,828	4,218	72.4	992	490	49.4	1,039	540	52.0
1996/97	5,476	3,747	68.4	1,017	446	43.9	942	527	55.9
1997/98	5,799	3,915	67.5	1,162	500	43.0	959	682	71.1
1998/99	5,576	4,058	72.8	1,208	459	37.9	982	715	72.8
1999/00	6,229	4,472	71.8	1,312	420	32.0	1,047	729	69.6
2000/01	6,668	4,699	70.5	1,377	486	35.3	1,188	869	73.1
2001/02	7,498	5,456	72.8	1,529	471	30.8	1,419	1,032	72.7

3. Female teachers

Table 42. Number and percentage of female teachers by level 1991/92-2001/02

Academic Year	Level								
	1-5			6-7			8-11		
	Total	Female	Percent of female	Total	Female	Percent of female	Total	Female	Percent of female
1991/92	3,647	1,411	38.7	783	139	17.8	758	67	8.8
1992/93	4,978	1,849	37.1	855	143	16.7	905	93	10.3
1993/94	5,272	1,865	35.4	978	140	14.3	1,015	104	10.2
1994/95	5,583	1,974	35.4	948	139	14.7	1,081	108	10.0
1995/96	5,828	2,025	34.7	992	156	15.7	1,039	103	9.9
1996/97	5,476	1,977	36.1	1,017	170	16.7	942	106	11.3
1997/98	5,799	1,893	32.6	1,162	170	14.6	959	113	11.8
1998/99	5,576	1,951	35.0	1,208	149	12.3	982	112	11.4
1999/00	6,229	2,330	37.4	1,312	167	12.7	1,047	109	10.4
2000/01	6,668	2,710	40.6	1,377	160	11.6	1,188	115	9.7
2001/02	7,498	2,873	38.3	1,529	177	11.6	1,419	145	10.2



X. Age-specific enrolment 2001/02

Table 43. Age-specific enrolment 2001/02

Age	School age population		Pre-primary		Primary		Middle		Secondary		Enrolment %	
	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female
0	70043	33532										
1	80796	38364										
2	89369	42312										
3	95926	45431										
4	100624	47772	243	102							0.24	0.21
5	103622	49391	3014	1443	47	18					2.95	2.96
6	105081	50340	3430	1648	11752	5566					14.45	14.33
7	105158	50674	330	166	42836	19768					41.05	39.34
8	104012	50444			50975	23791					49.01	47.16
9	101803	49704			48966	22287					48.10	44.84
10	98642	48551			47018	21314	71	44			47.74	43.99
11	94640	47080			42235	18929	1844	999			46.58	42.33
12	90195	45133			34725	14955	7944	3878	138	57	47.46	41.85
13	85563	42678			26320	10968	14404	6752	1423	618	49.26	42.97
14	80759	39896			12818	4982	16876	7645	4605	1953	42.47	36.55
15	75691	37037			7433	2530	14984	6752	8786	3709	41.22	35.08
16	70567	34100			3503	794	11811	4723	13253	5436	40.48	32.12
17	65338	31419			1137	254	8000	2711	15104	5744	37.10	27.72
18	60037	29202					3345	917	12546	4056		
19	54896	27378					999	170	8055	2185		
20	49850	25524							3512	875		
21	44592	23557							1579	279		
22	41323	22466							732	96		
23	41026	22646							257	24		
24	42602	23603										
25	44110	24551										
26	46110	25775							193	22		
27	46703	26086										
Total			7017	3359	330278	146218	80882	34667	70183	25054		