

Eritrea:

Essential Education Indicators

2002/03



MINISTRY OF EDUCATION
ASMERA, ERITREA
DECEMBER 2003

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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 2002/03. This academic year's issue is the seventh 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
Asmara

December 2003

2. Executive summary

In 2002/03 academic year enrolment in elementary education and enrolment in special education increased by 8.8 percent and 2.9 percent respectively as compared to 2001/02. The increase in elementary enrolment is mainly seen in Gash-Barka, Semien Keih Bahri and Debub Keih Bahri regions. Enrolment in middle and secondary education increased by about 7.5 percent and 3.8 percent respectively. Enrolment in technical schools decreased by 1.4 percent, the decrease is mainly seen in males, while enrolment in adult literacy programs increased by about 20 percent.

Enrolment of girls in elementary education in 2002/03 as compared to 2001/02 increased by 4.5 percent. The enrolment of girls in government schools in 2002/03 as compared to 2001/02 increased by about 9.6 percent.

As compared to 2001/02 the national enrolment of girls and boys in 2002/03 increased by 7.8 percent. However, the participation ratio of girls is still lower than that of boys except in pre-primary, literacy, and adult continuing education programmes, which are 50.4, 90.3 and 55.3 percents respectively. The enrolment of females in pre-primary, elementary, middle and secondary are respectively 50.4 percent, 44.4 percent 42.4 percent and 36.0 percent.

The number of schools, enrolment and teachers in pre-primary education has increased by 9.5 percent, 15.7 percent and 17.0 percent respectively. The number of schools by level in elementary has increased by about 6.9 percent, in middle by about 9.9 percent and in secondary schools by about 4.5 percent. The number of literacy program centres decreased by 4.2 percent. The numbers of teachers in elementary and middle have increased by 2.6 percent and 5.6 percent respectively and that of secondary has decreased by 4.2 percent.

The gross national accessibility to schooling in 2002/03 was about 7.0 percent, 70.3 percent, 48.5 percent and 24.6 percent in pre-primary, elementary, middle and secondary education respectively. Enrolment in elementary special education increased by 2.9 percent.

II. Important notes

1. Population

- 1.1 For the purpose of this current issue, the mid-value of the 2002 population estimates 3,260,753 is used. (NSEO: Eritrean Population projection 2002-2017). Further this population estimate is used to split into single age population (MOE) in deriving essential educational indicators.

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: 27/sq.km.

- 1.3. Total school-age population by school level (estimated percentage of the total population for the year 2002).

Age group	Population	Estimated % of total population
5-6	211,624	6.49
7-11	511,350	15.68
12-13	178,245	5.47
14-17	296,466	9.09

2. Area of the country: approximately 122,000 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 percentage of the sum of all persons under 15 years and over 64 years divided by the number of persons age 15-64.

Age-group	Population	Dependency ratio	
0-5 years	547,934	32.9	Young dependency ratio
6-14 years	878,045	52.8	Young dependency ratio
65 years and above	170,954	10.3	Old dependency ratio

Total dependants (estimate)	1,596,933
Total non-dependants (estimate)	1,663,820
Gross Dependency Ratio	96.0

*Source: EDHS 2002

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 1991/92-2002/03

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	2185	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			2002/03		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Elementary level	164,523	134,168	298,691	184,060	146,218	330,278	199,860	159,563	359423
Middle level	41,457	35,107	76,564	46,215	34,667	80,882	50138	36881	87019
Secondary level	40,355	23,596	63,951	45,129	25,054	70,183	46633	26185	72818
TTI	764	197	961	853	169	1,022	813	61	874
Tech. and voc.	1,402	464	1,866	1,599	393	1,992	1536	429	1965
Total	248,501	193,532	442,033	277,856	206,501	484,357	298980	223119	522099

Table 2: Number of teachers by level and gender 1991/92-2002/03

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			2002/03		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Elementary level	3,958	2,710	6,668	4,625	2,873	7498	4,936	2,756	7692
Middle level	1,217	160	1,377	1,352	177	1,529	1,436	178	1,614
Secondary level	1,073	115	1,188	1,274	145	1,419	1,137	140	1,277
TTI	26	11	37	41	6	47	41	5	46
Tech. and voc.	164	9	173	157	17	174	196	69	265
Total	6,438	3,005	9,443	7449	3218	10667	7746	3148	10894

Table 3. Non-government enrolment as percentage of total enrolment 1991/92 - 2002/03

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
2002/03	28,570	359,423	7.9	6,201	87,019	7.1	2,761	72,818	3.8

IV. Pre-primary level

1. Pre-primary schools

There were 106 pre-primary schools in the whole country. Forty-seven (44.3%) of them are located in Zoba Maekel. Out of the Forty-seven pre-primary schools in Zoba Maekel 40 (80.9%) are located in Asmera, the capital city.

Only 15 (14.3%) out of the 106 schools are government owned, 50 (47.2%) are run by missionaries and the rest are run by the public and community.

Table 4. Pre-primary: Location and ownership, 2002/03

Region	Schools																	
	Totals			Government			Mission			Private			DomComm.			ForComm.		
	Tot	Urb	Rur	Tot	Urb	Rur	Tot	Urb	Rur	Tot	Urb	Rur	Tot	Urb	Rur	Tot	Urb	Rur
Anseba	14	8	6	6	4	2	7	3	4	0	0	0	1	1	0	0	0	0
Deb Keih Bahri	2	1	1	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0
Debub	22	16	6	3	2	1	14	9	5	1	1	0	4	4	0	0	0	0
Gash Barka	11	6	5	3	1	2	4	3	1	1	1	0	3	1	2	0	0	0
Maekel	47	38	9	1	1	0	15	10	5	9	7	2	16	16	2	4	4	0
Sem Keih Bahri	10	5	5	2	1	1	8	4	4	0	0	0	0	0	0	0	0	0
Total	106	74	32	15	9	6	50	30	20	11	9	2	24	22	4	4	4	0

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

DomComm= Dommestic Community, ForComm = Foreign Community

2. Pre-primary enrolment

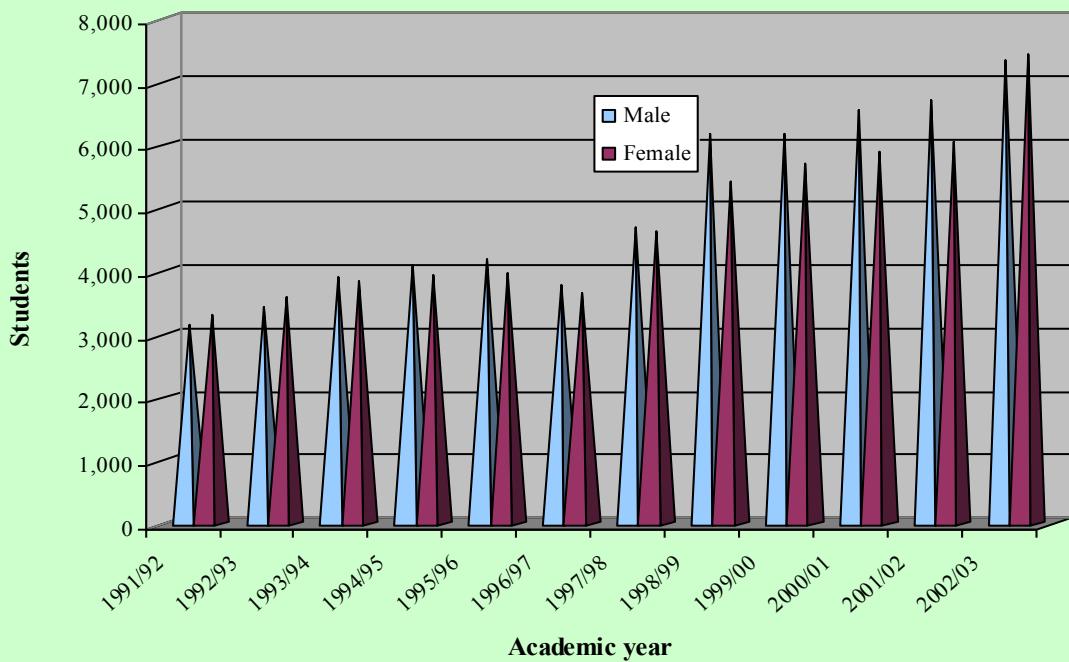
Children of ages 5 and 6 are supposed to be enrolled in pre-primary schools. The gross enrolment ratio for the academic years 1991/92 and 2002/2003 was (4.3% and 7.1% respectively) very low. In order to improve the situation, communities, private organisations, individuals and others need encouragement to open new pre-primary schools.

Table 5a. Pre-primary age-group and gross enrolment ratio, 1991/92-2002/2003

Year	Age group 5-6.			Enrolment in pre-primary			Gross enrolment ratio		
	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
2002/03	211624	110141	101483	14,958	7,563	7,395	7.07	6.87	7.29

Table 5b. Pre-primary age-group and net enrolment ratio in 1999/2000-2002/03

Year	Age group 5-6.			Net enrolment in pre-primary			Net enrolment ratio		
	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
2002/2003	211624	110141	101483	10,605	5,266	5,339	5.04	4.86	5.26

Chart 1. Pre-primary: Enrolment by year and gender

3. Pre-primary teachers

During the academic year 2002/2003 there were 413 pre-primary teachers in the whole country of whom 271 (65.6%) had some professional training. 134 females and 8 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.

As table 6 indicates almost all (399 which is 95.4% 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 2002/2003 the number of male teachers was only 19.

Table 6. Pre-primary: Teachers and training status 2002/03

Region	Total		Trained		Not trained	
	Tot	F	Tot	F	Tot	F
Anseba	54	46	24	19	30	27
Deb-Keih-Bahri	5	5	1	1	4	4
Debub	76	72	36	35	40	37
Gash-Barka	26	26	19	19	7	7
Maekel	230	230	178	173	52	51
Sem-Keih-Bahri	22	22	13	13	9	8
Total	413	394	271	260	142	134

**Table 7. Pre-primary: Pupil/teacher ratio
1991/92-2002/03**

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
2002/03	14,958	7,563	7,395	410	19	391	37

**Table 8. Pre-primary Percentage of female teachers
1991/92-2002/03**

Year	Teachers			Percentage of female teachers
	Male	Female	Total	
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
2002/03	19	394	413	95.4

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).

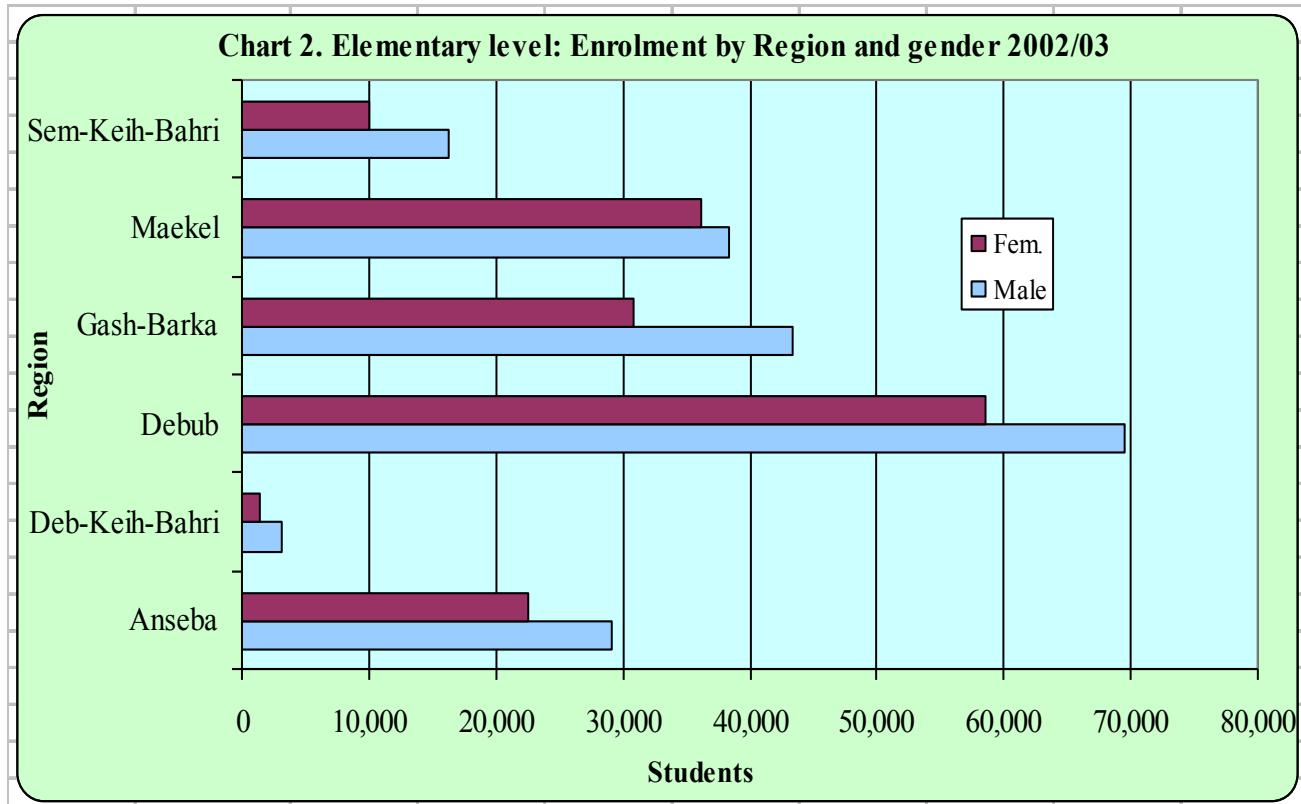
Starting from 1991/92 academic year enrolment at the elementary level has been steadily increasing. At this level, MOE's priority is to ensure that pupils learn in their mother tongue.

2. Enrolment

Enrolment for the year 2002/2003 was 359,423 out of which 159,563 (44.4%) were females. Out of the total enrolment in elementary schools, 28,569 (7.9%) 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 2002/03

Region	Total	Male	Female
Anseba	51,697	29,117	22,580
Deb-Keih-Bahri	4,541	3,157	1,384
Debub	128,116	69,511	58,605
Gash-Barka	74,254	43,438	30,816
Maeekel	74,620	38,421	36,199
Sem-Keih-Bahri	26,195	16,216	9,979
Total	359,423	199,860	159,563



3. Gross admission ratio

Table 10. Elementary level: Gross admission ratio 1991/92-2002/03

Year	Population of age 7			Admission in grade 1			Gross admission ratio		
	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
2002/03	106,633	55,069	51,564	76,145	41,767	34,378	71.41	75.84	66.67

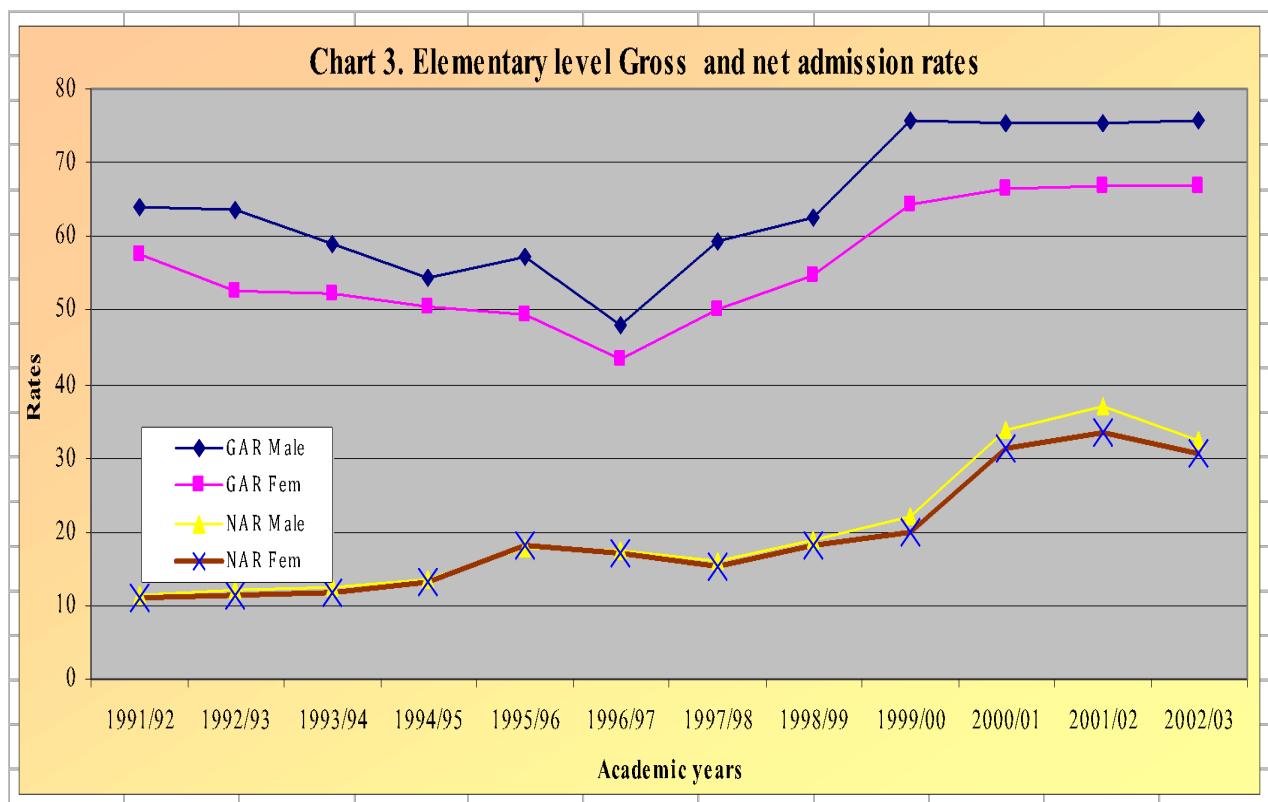
As can be noted in Table 10, the gross admission ratio dropped continuously from 61.08% to 45.88% between 1991/92 and 1996/97 (except for 1995/96 academic year). The gross admission ratio started to increase from 1997/98 and reached 71.41 in 2002/2003.

4. Net admission ratio

Table 11. Elementary level: Net admission ratios 1991/92-2002/03

Year	Population (7-year-old)			New entrants (7-year-old)			Net admission ratio (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
2002/03	106,633	55,069	51,564	33,199	17,810	15,389	31.13	32.34	30.66

Unlike the gross admission ratio, the net admission ratio has increased yearly between the successive academic years of 1991/92-2001/02 except in 1997/98, and in the academic year 2002/03 it has shown a decrease above 4%.



5. Over-age pupils in grade 1.

Table 12. Elementary level: Enrolment and percentage of over-age pupils in grade 1, 1991/92-2002/03

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
2002/03	101,496	55,186	46,310	53,456	28,270	25,186	52.7	51.2	54.4

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 and 2002/03 academic years. In the year 2002/03 the percentage of over-age students in grade 1 was 52.7 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 1991/92-2002/03

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
2002/03	101,496	55,186	46,310	10,990	5,704	5,286	10.8	10.3	11.4

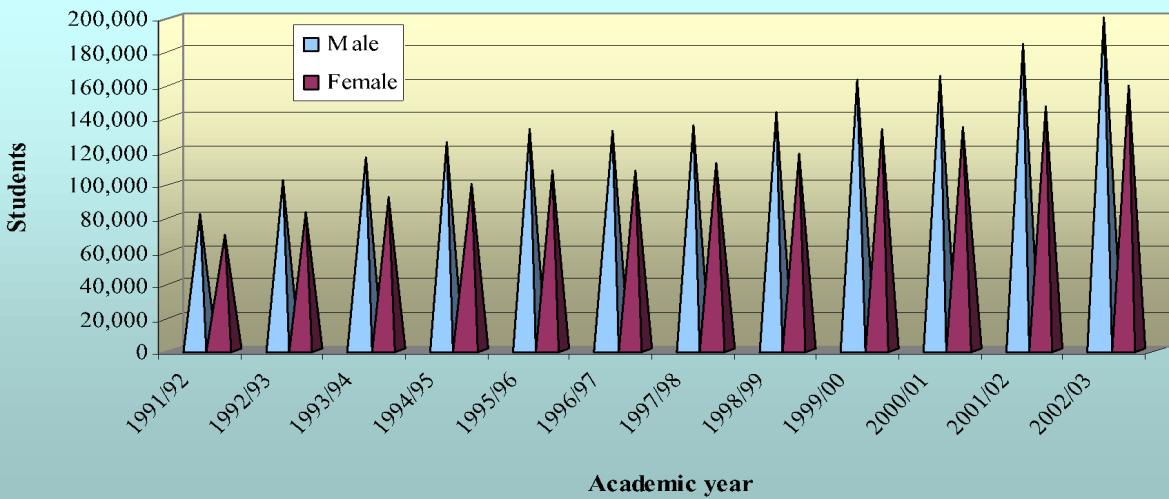
From the year 1991/92 until the year 1997/98 except for the academic year 1996/97 enrolment of under-age was continuously decreasing. This was mainly because MOE regulations in those years did not allow children under 7 to be enrolled in elementary schools. Starting from the year 1997/98 the enrolment 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 1991/92-2002/03

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
2002/03	511,350	260,568	250,782	256,360	139,072	117,288	50.13	255,012	121,510	133,502	49.87

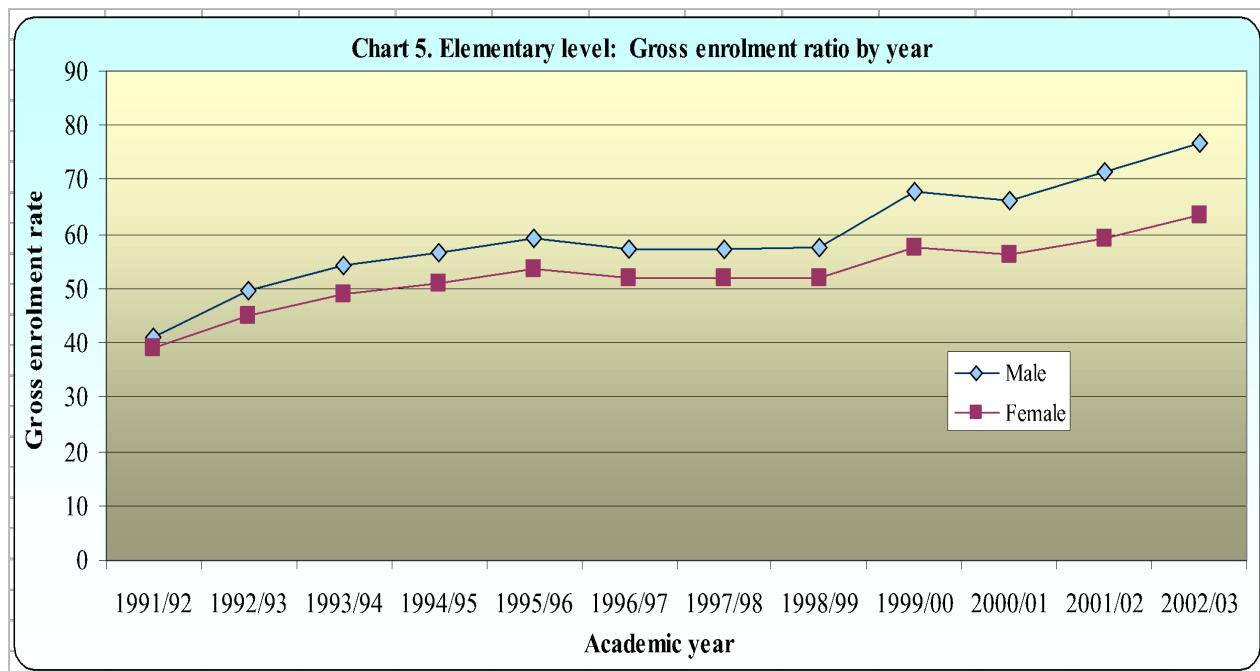
Chart 4. Elementary level: Enrolment by year and gender



8. Gross enrolment ratio, elementary level

Table 15. Elementary level: Gross enrolment ratio 1991/92-2002/03

Year	Total Population 7-11			Enrolment in elementary			Gross enrolment		
	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
2002/03	511,350	260,568	250,782	359,423	199,860	159,563	70.28	76.69	63.62



9. Net enrolment ratio

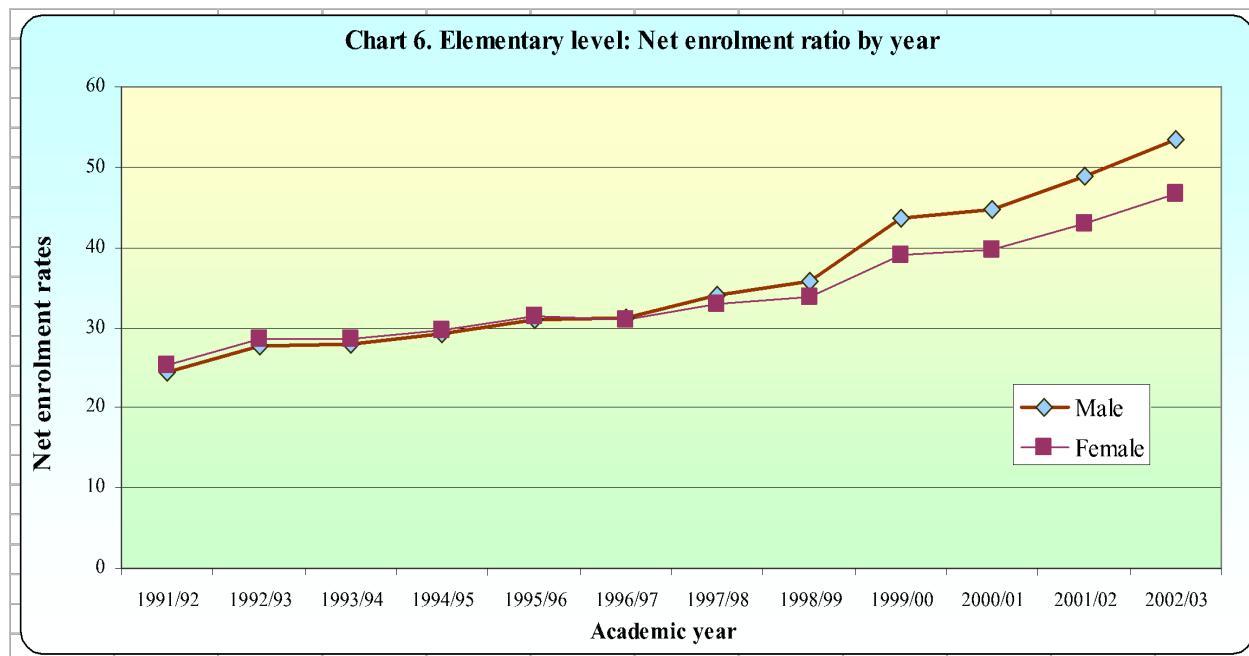
Table 16. Elementary level: Net enrolment and net enrolment ratio: 1991/92-2002/03

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
2002/03	511,350	260,568	250,782	256,360	139,072	117,288	50.13	53.37	46.77

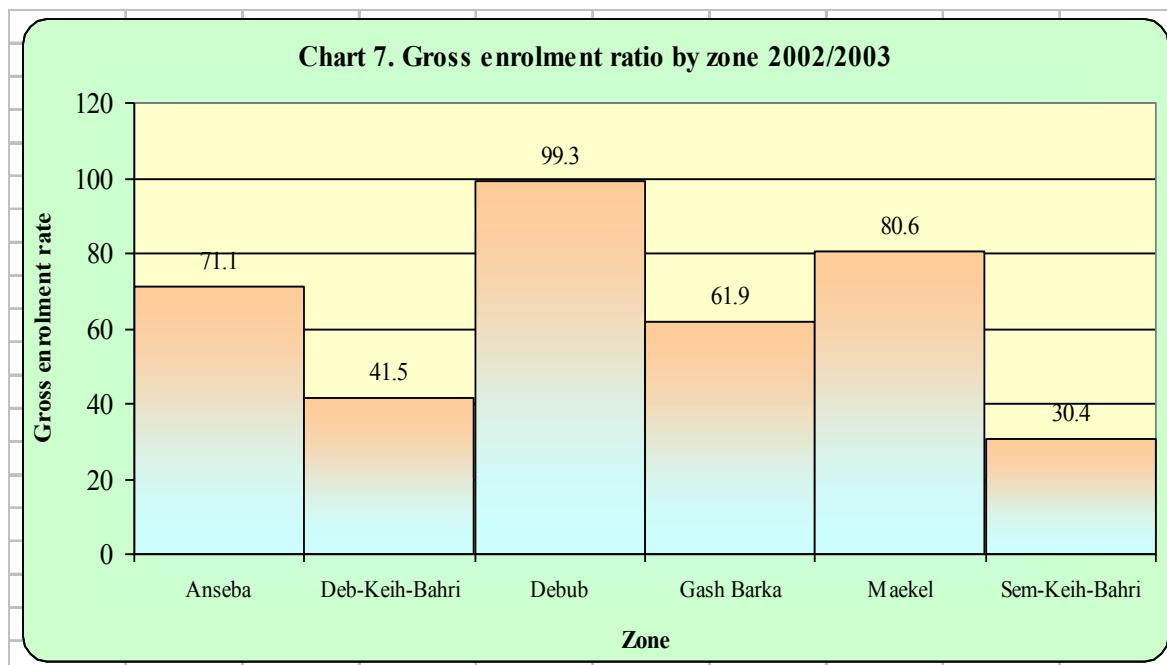
10. Disparities among regions

Table 17. Elementary level: Gross enrolment ratio by region 2002/03

Region	Population age 7-11	Gross enrolment	Gross enrolment ratio	Deviation from national ratio
Anseba	72,674	51,697	71.1	0.8
Deb-Keih-Bahri	10,935	4,541	41.5	-28.8
Deubub	129,042	128,116	99.3	29.0
Gash Barka	120,050	74,254	61.9	-8.4
Maekel	92,561	74,620	80.6	10.3
Sem-Keih-Bahri	86,088	26,195	30.4	-39.9
Total	511,350	359,423	70.3	0.0

**Table 18. Elementary level: Net enrolment ratio by region 2002/03**

Region	Population age 7-11	Net enrolment	Net enrolment ratio	Deviation from national ratio
Anseba	72,674	35,791	49.2	-0.9
Deb-Keih-Bahri	10,935	3,201	29.3	-20.8
Debub	129,042	92,736	71.9	21.8
Gash-Barka	120,050	51,280	42.7	-7.4
Maekel	92,561	55,261	59.7	9.6
Sem-Keih-Bahri	86,088	18,091	21.0	-29.1
Total	511,346	256,360	50.1	0.0



VI. Middle level

1. Duration

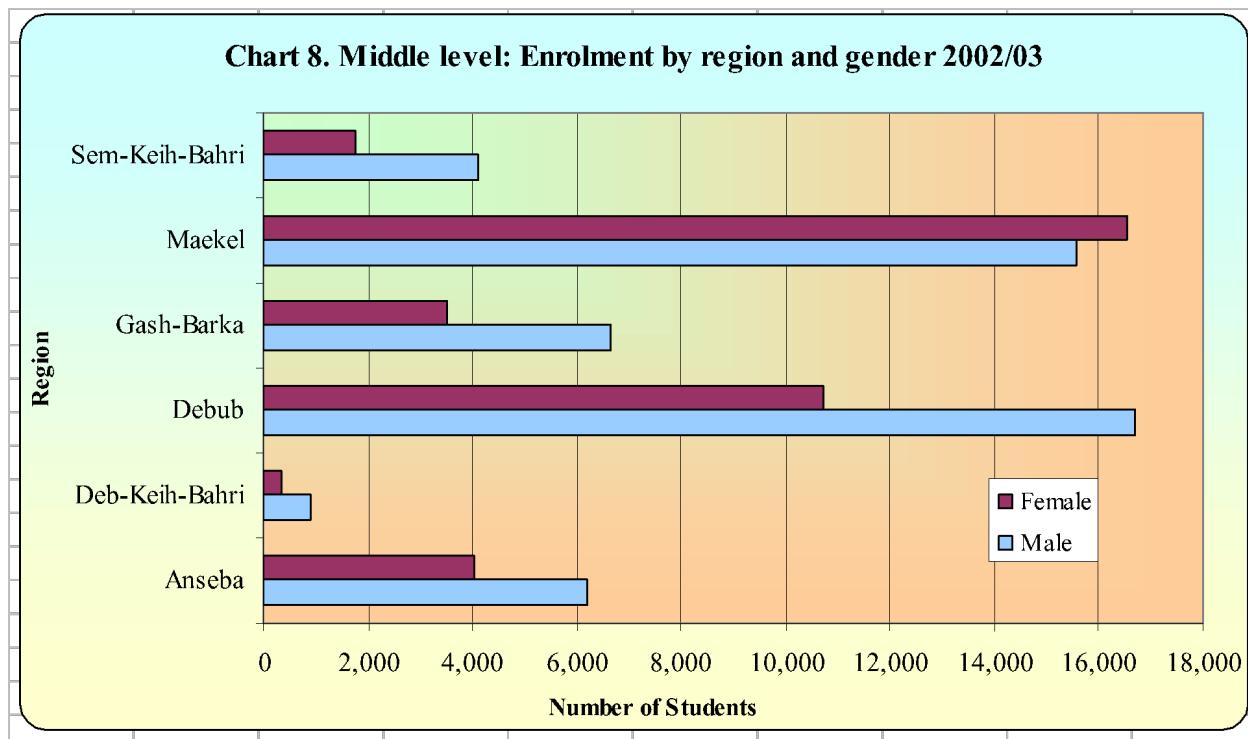
The duration of Middle level is two years (grade 6 and 7). It is the second part of the compulsory basic education. English is the medium of instruction in this level.

2. Enrolment

Enrolment for the academic year 2002/03 was 87,019. Female enrolment constitute 36,881 (42.4%) 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
2002/03
(Government and non-government)**

Region	Totals 6-7			Grade 6			Grade 7		
	Totals	Male	Female	Total	Male	Female	Total	Male	Female
Anseba	10242	6209	4033	5699	3475	2224	4543	2734	1809
Deb-Keih-Bahri	1205	887	318	638	503	135	567	384	183
Debub	27443	16707	10736	15000	9016	5984	12443	7691	4752
Gash-Barka	10162	6644	3518	5819	3771	2048	4343	2873	1470
Maekel	32113	15585	16528	15470	7605	7865	16643	7980	8663
Sem-Keih-Bahri	5854	4106	1748	3501	2447	1054	2353	1659	694
Totals	87019	50138	36881	46127	26817	19310	40892	23321	17571



3. Gross enrolment ratio

Table 20. Middle level: Gross Enrolment Ratio 1991/92-2002/03

Year	Population 12-13			Enrolment			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
2002/03	178,245	88,891	89,354	87,019	50,138	36,881	48.82	56.40	41.28

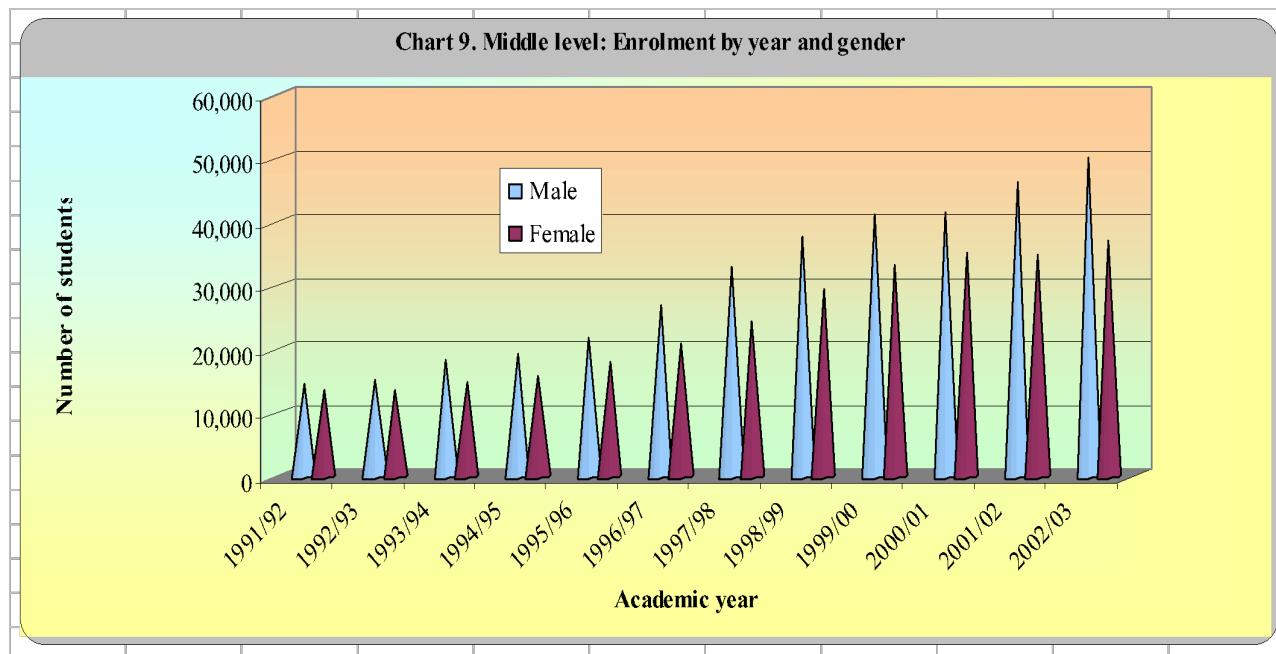


Table 21. Middle level: Gross Enrolment Ratio by region, 2002/03

Region	Population age 12-13	Gross enrolment	Gross enrolment ratio	Deviation from national ratio
Anseba	25,332	10,242	40.4	-8.4
Deb-Keih-Bahri	3,812	1,205	31.6	-17.2
Debub	44,981	27,443	61.0	12.2
Gash Barka	41,847	10,162	24.3	-24.5
Maekel	32,264	32,113	99.5	50.7
Sem-Keih-Bahri	30,008	5,854	19.5	-29.3
Total	178,244	87,019	48.8	0.0

4. Net enrolment ratio

Table 22. Middle level: Net Enrolment Ratio 1991/92-2002/03

Year	Population 12-13			Net enrolment of			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
2002/03	178,245	88,891	89,354	24,584	13,057	11,527	13.80	14.70	12.90

Table 23. Middle level: Net enrolment ratio by region 2002/03

Region	Population age 12-13	Net enrolment	Net enrolment ratio	Deviation from national ratio
Anseba	25,332	2,344	9.3	-4.5
Deb-Keih-Bahri	3,812	338	8.9	-4.9
Debub	44,981	6,495	14.4	0.6
Gash-Barka	41,847	2,236	5.3	-8.5
Maekel	32,264	11,768	36.5	22.7
Sem-Keih-Bahri	30,008	1,403	4.7	-9.1
Total	178,244	24,584	13.8	

5. Percentage of repeaters

Table 24. Middle level: Total number and percentage of repeaters 1991/92-2002/03

Year	Enrolment			Repeaters			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
2002/03	87,019	50,138	36,881	23,126	12,163	10,963	26.6	24.3	29.7

The total percentage of repeaters had been declining between 1992/93 and 1996/97 but has been increasing in the last five years except in the academic year 2001/02.

VII. Secondary level

1. Duration

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

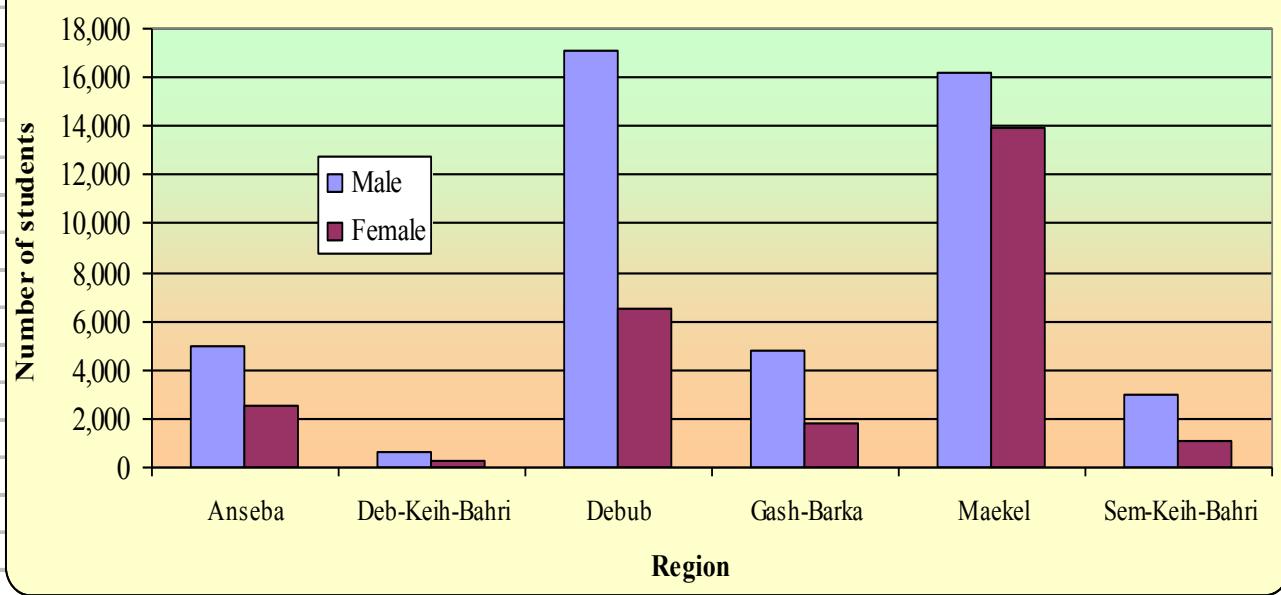
2. Enrolment

Enrolment for the year 2002/2003 was 72,818. Female enrolment constitutes 26,185 (36.0%). Approximately 3.8% of the students in the Secondary level were attending non-government schools.

**Table 25. Secondary level: Enrolment by gender and Region 2002/03
(Government and non-government)**

Region	Total 8-11		
	Total	Male	Female
Anseba	7,465	4,964	2,501
Deb-Keih-Bahri	944	672	272
Debub	23,578	17,057	6,521
Gash-Barka	6,608	4,755	1,853
Maekel	30,182	16,232	13,950
Sem-Keih-Bahri	4,041	2,953	1,088
Total	72,818	46,633	26,185

Chart 10. Secondary level: Enrolment by region and gender 2002/03



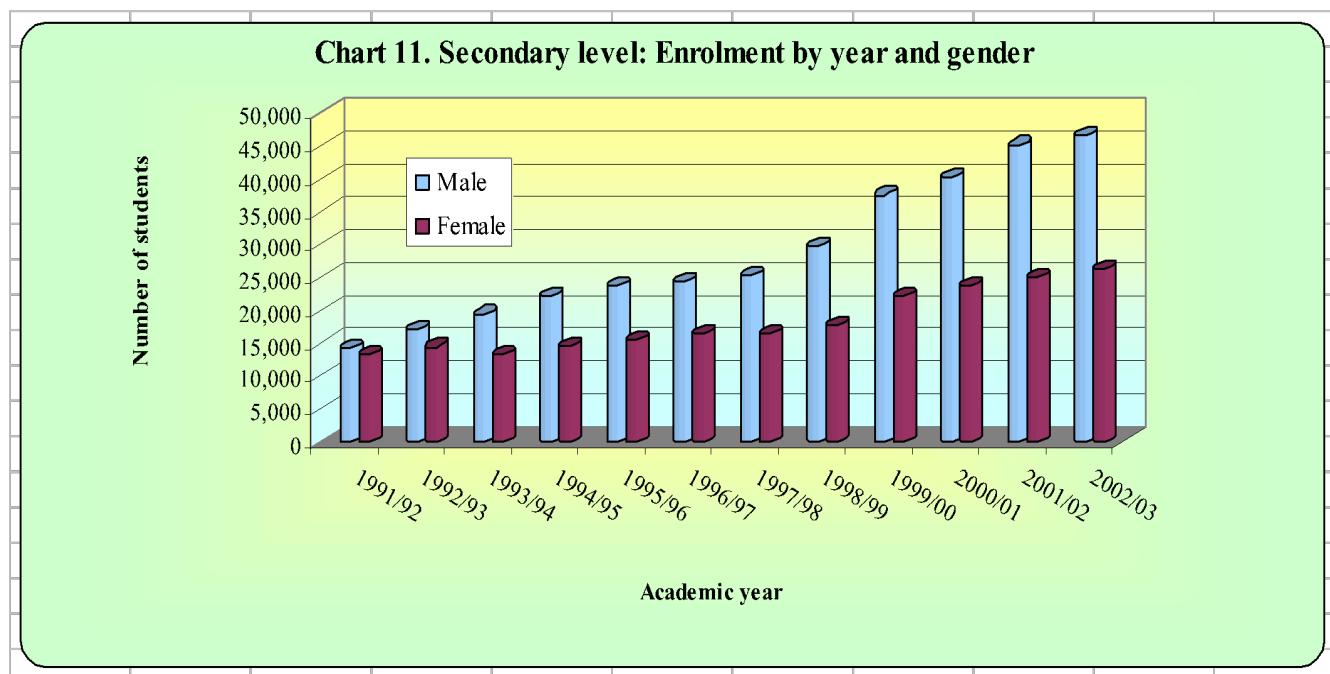
3. Gross enrolment ratio

Table 26. Secondary level: Gross enrolment ratio 1991/92-2002/03

Year	Population 14-17			Enrolment			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
2002/03	296,466	151,511	144,955	72,818	46,633	26,185	24.60	30.80	18.1

Table 27. Secondary level: Gross enrolment ratio by region 2002/03

Region	Population age 14-17	Gross enrolment	Gross enrolment ratio	Deviation from national ratio
Anseba	42,134	7,465	17.7	-6.9
Deb-Keih-Bahri	6,339	944	14.9	-9.7
Deebub	74,814	23,578	31.5	6.9
Gash Barka	69,601	6,608	9.5	-15.1
Maekel	53,665	30,182	56.2	31.6
Sem-Keih-Bahri	49,911	4,041	8.1	-16.5
Total	296,466	72,818	24.6	0



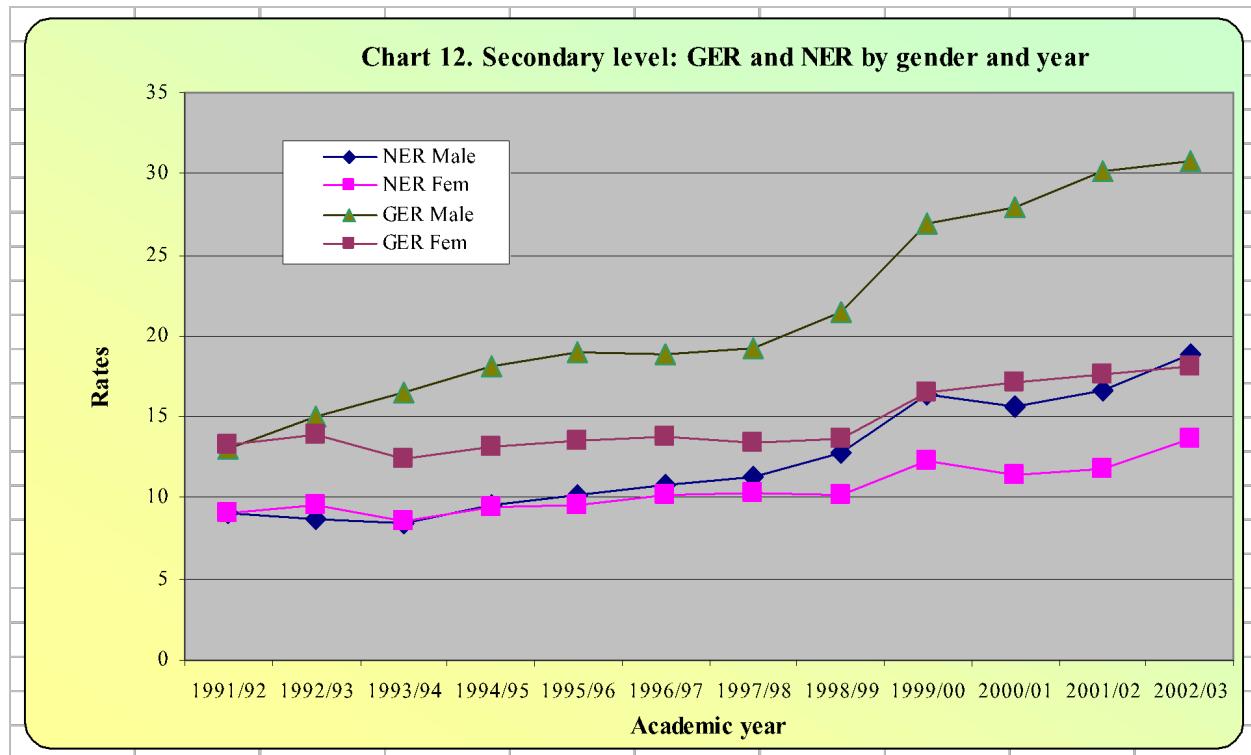
4. Net enrolment ratio

Table 28: Secondary level: Net enrolment ratio 1991/92-2002/03

Year	Population 14-17			Net enrolment in			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
2002/03	296,466	151,511	144,955	48,269	28,612	19,657	16.30	18.90	13.60

Table 29. Secondary level: Net enrolment ratio by region 2002/03

Region	Population age 14-17	Net enrolment	Net enrolment ratio	Deviation from national ratio
Anseba	42,134	4,639	11.0	-5.3
Deb-Keih-Bahri	6,339	731	11.5	-4.8
Debub	74,814	14,650	19.6	3.3
Gash-Barka	69,601	4,020	5.8	-10.5
Maekel	53,665	22,041	41.1	24.8
Sem-Keih-Bahri	49,911	2,188	4.4	-11.9
Total	296,461	48,269	16.3	0



5. Percentage of repeaters

**Table 30. Secondary level: Total number and percentage of repeaters by gender
1991/92-2002/03**

Year	Enrolment in			Repeating at			Percentage		
	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
2002/03	72,818	46,633	26,185	13,922	8,363	5,559	19.1	17.9	21.2

VIII. Internal efficiency

1. Length of school year.

The duration of the school year in the academic year 2002/03 was 197 days in the highlands and 193 days in the lowlands. In both Locations 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 2002/2003, schooling in the highlands began in September 12 and ended in June 30. In the lowlands it began in September 30 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 2002/2003 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	197	985	657
	Lowland	5	193	965	643
2	Highland	5	197	985	657
	Lowland	5	193	965	643
3	Highland	7	197	1379	919
	Lowland	7	193	1351	901
4	Highland	7	197	1379	919
	Lowland	7	193	1351	901
5	Highland	7	197	1379	919
	Lowland	7	193	1351	901

2. Elementary level: Percentage of repeaters

**Table 32. Elementary level: Enrolment, repeaters and ratio of repetition by gender
1991/92-2002/03**

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
2002/03	359,399	199,842	159,557	73,114	39,485	33,629	20.3	19.8	21.1

3. All grades: Flow ratios

Table 33. All grades: Flow ratios by gender and grade 2002/03

Grade	Dropout			Repetition			Promotion		
	Male %	Fem. %	Tot %	Male %	Fem. %	Tot %	Male %	Fem. %	Tot %
1	5.8	4.8	5.4	31.1	32.1	31.6	63.1	63.1	63.1
2	3.2	2.5	2.9	20.3	22.0	21.1	76.5	75.5	76.0
3	3.3	2.7	3.0	20.7	22.0	21.2	76.1	75.3	75.7
4	4.3	3.7	4.0	22.4	26.3	24.1	73.3	70.1	71.9
5	4.6	4.1	4.4	14.6	17.2	15.7	80.8	78.7	79.9
1-5	4.3	3.6	4.0	22.9	25.1	23.9	72.7	71.6	72.0
6	6.1	5.9	6.8	20.9	29.9	27.3	55.3	66.4	66.0
7	6.6	6.0	6.4	19.0	21.7	20.2	74.5	72.2	74.1
6-7	7.0	6.0	6.6	22.4	26.0	23.9	70.6	68.1	69.5
8	8.0	7.0	7.6	30.3	33.8	31.6	61.9	58.9	59.7
9	7.9	7.7	7.8	26.5	33.6	29.1	65.7	58.6	63.1
10	8.4	6.7	7.9	25.1	32.3	27.5	66.4	61.0	64.6
11	6.5	7.2	6.7	24.4	38.6	29.3	68.4	54.2	63.9
8-11	7.9	7.2	7.6	27.4	34.0	29.8	64.8	58.7	62.6

4. Elementary level: Flow ratios

Table 34. Elementary level: Flow ratios 2002/03

Grade	Dropout			Repetition			Promotion		
	Male %	Fem. %	Tot %	Male %	Fem. %	Tot %	Male %	Fem. %	Tot %
1	5.8	4.8	5.4	31.1	32.1	31.6	63.1	63.1	63.1
2	3.2	2.5	2.9	20.3	22.0	21.1	76.5	75.5	76.0
3	3.3	2.7	3.0	20.7	22.0	21.2	76.1	75.3	75.7
4	4.3	3.7	4.0	22.4	26.3	24.1	73.3	70.1	71.9
5	4.6	4.1	4.4	14.6	17.2	15.7	80.8	78.7	79.9
Total	4.3	3.6	4.0	22.9	25.1	23.9	72.7	71.6	72.0

5. Middle level: Flow ratios

Table 35. Middle level: Flow ratios 2002/03

Grade	Dropout			Repetition			Promotion		
	Male %	Fem. %	Tot %	Male %	Fem. %	Tot %	Male %	Fem. %	Tot %
6	6.1	5.9	6.8	20.9	29.9	27.3	55.3	66.4	66.0
7	6.6	6.0	6.4	19.0	21.7	20.2	74.5	72.2	74.1
Total	7.0	6.0	6.6	22.4	26.0	23.9	70.6	68.1	69.5

6. Secondary level: Flow ratios**Table 36. Secondary level: Flow ratios 2002/03**

Grade	Dropout			Repetition			Promotion		
	Male %	Fem. %	Tot %	Male %	Fem. %	Tot %	Male %	Fem. %	Tot %
8	8.0	7.0	7.6	30.3	33.8	31.6	61.9	58.9	59.7
9	7.9	7.7	7.8	26.5	33.6	29.1	65.7	58.6	63.1
10	8.4	6.7	7.9	25.1	32.3	27.5	66.4	61.0	64.6
11	6.5	7.2	6.7	24.4	38.6	29.3	68.4	54.2	63.9
Total	7.9	7.2	7.6	27.4	34.0	29.8	64.8	58.7	62.6

7. Elementary level: Zoba flow ratios**Table 37. Elementary level: Average flow ratios 2002/03**

Eritrea	Grade	1	2	3	4	5
	Promotion ratio	63.1	76.0	75.7	71.2	79.9
	Repetition ratio	31.6	21.1	21.2	24.1	15.7
	Dropout ratio	5.4	2.9	3.0	4.0	4.4
Anseba	Promotion ratio	6.6	79.7	77.9	72.6	80.8
	Repetition ratio	28.7	17.6	18.5	21.9	13.9
	Dropout ratio	5.2	2.7	3.6	5.5	5.4
Deb-Keih-B	Promotion ratio	59.2	75.0	78.0	78.0	84.6
	Repetition ratio	32.8	21.9	17.5	18.6	13.3
	Dropout ratio	8.1	3.2	3.6	3.7	2.1
Debub	Promotion ratio	61.8	76.0	75.2	70.3	78.7
	Repetition ratio	33.7	21.6	22.0	25.8	17.0
	Dropout ratio	4.5	2.4	2.8	3.9	4.3
Gash-Barka	Promotion ratio	60.4	69.7	69.5	68.7	74.6
	Repetition ratio	32.2	25.6	25.7	25.1	18.5
	Dropout ratio	7.4	4.7	4.8	6.2	7.0
Maekel	Promotion ratio	68.4	81.7	80.6	76.5	83.3
	Repetition ratio	27.8	16.6	17.9	21.6	14.1
	Dropout ratio	3.8	1.6	1.4	1.9	2.7
Sem-Keih-B	Promotion ratio	61.3	75.9	76.4	72.5	85.1
	Repetition ratio	32.8	22.0	20.8	26.1	14.1
	Dropout ratio	5.9	3.1	3.0	3.7	4.0

8. Elementary level: Cohort Reconstruction

Figure 1 is constructed based on the actual flow ratios of the 2002/2003 academic year indicated in table 29.

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

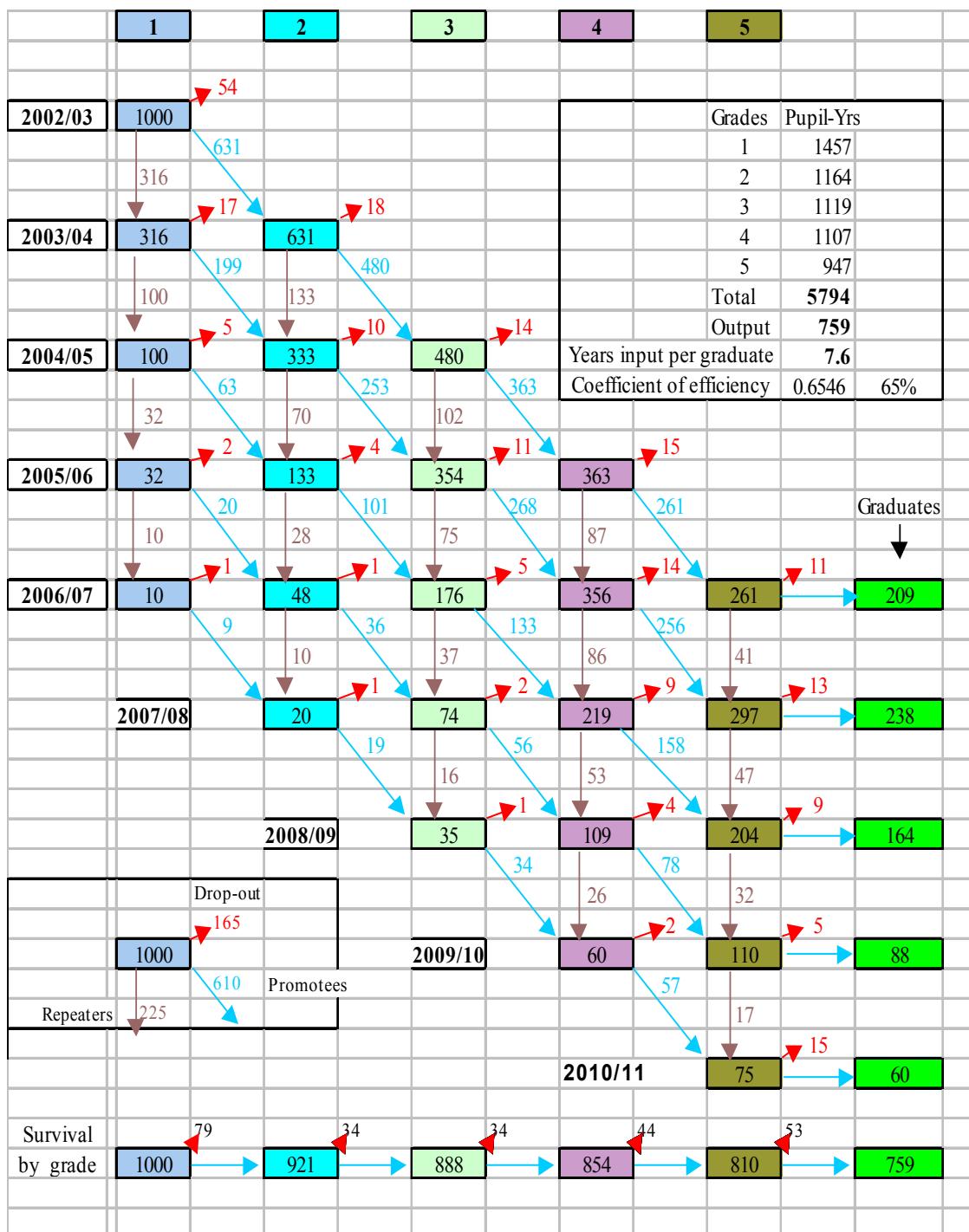
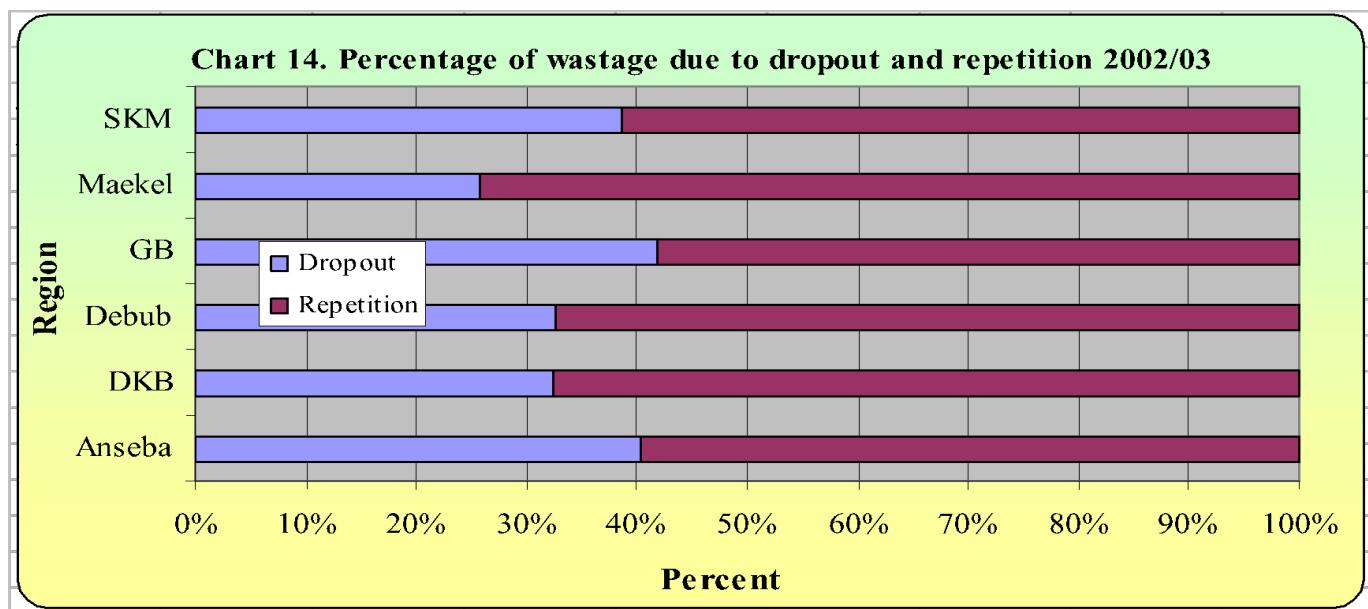
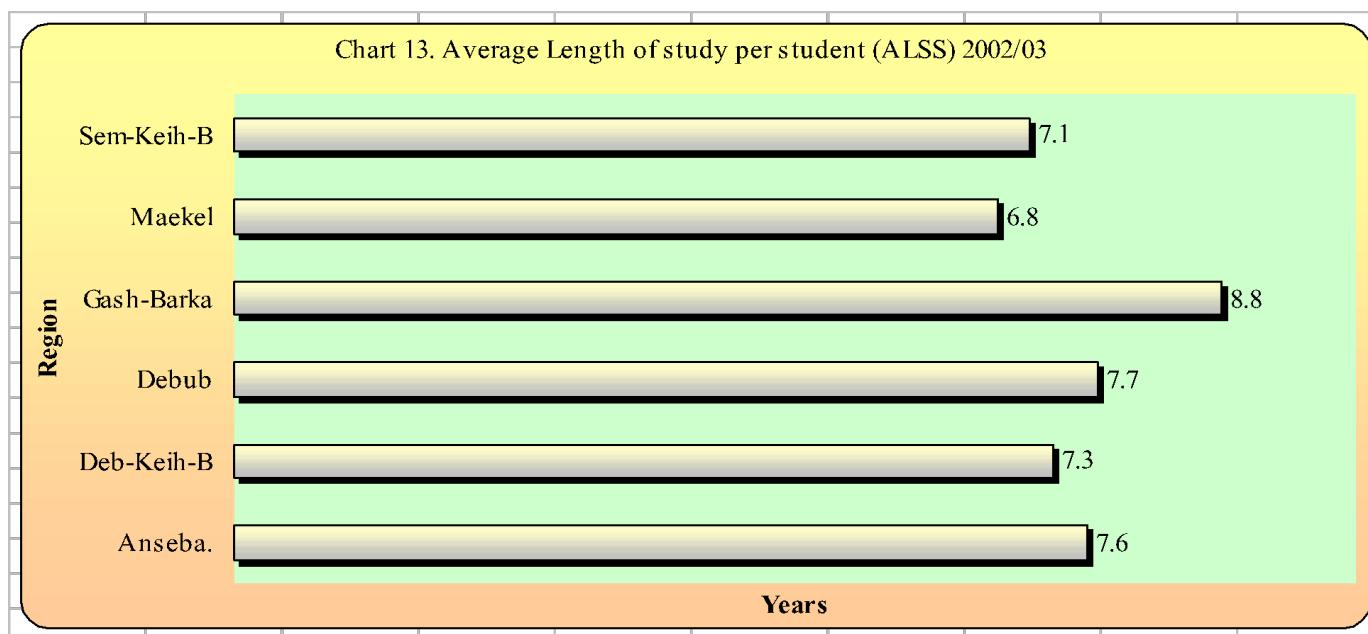


Table 38. Eritrea elementary level: Wastage, survival and transition ratios

(Based on the 2000/2001 flow ratios and cohort reconstruction of each region)

	Internal efficiency ratios	Total	ANS	DKB	DEB	GASH	MAKL	SKB
1	Elementary level: Wastage ratio	1.53	1.52	1.47	1.55	1.76	1.36	1.43
2	Survival ratio for Grade 2	92.1	92.7	87.8	93.2	89.1	94.7	91.3
	Survival ratio for Grade 3	88.8	89.7	84.4	90.4	83.5	92.9	87.6
	Survival ratio for Grade 4	85.4	85.8	80.7	87.2	78.2	91.4	84.3
	Survival ratio for Grade 5	81.0	79.8	77.3	82.7	71.9	89.2	80.1
3	Transition ratio from elementary level to middle level (No national exam.)	75.9	74.1	75.0	77.0	64.3	85.6	82.0
4	Proportion of total waste spent on dropouts	34.5	40.4	32.5	32.6	41.9	25.8	38.6
5	Proportion of total waste spent on repetition	65.3	59.6	67.5	67.4	58.1	74.2	61.4
6	Average length of study per graduate	7.6	7.6	7.3	7.7	8.8	6.8	7.1



IX. Elementary, middle and Secondary level: Teaching staff

Table 39. Teachers: Gender and level by Region. 2002/03

Region	1-5			6-7			8-11			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Anseba	810	400	1210	197	12	209	84	7	91	1091	419	1510
Deb-Keih-Bahri	138	30	168	30	0	30	23	0	23	191	30	221
Deebub	1466	897	2363	415	30	445	285	14	299	2166	941	3107
Gash-Barka	1212	356	1568	212	16	228	102	8	110	1526	380	1906
Maekel	757	940	1697	470	114	584	572	107	679	1799	1161	2960
Sem-Keih-Bahri	553	133	686	112	6	118	71	4	75	736	143	879
Total	4936	2756	7692	1436	178	1614	1137	140	1277	7509	3074	10583

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
2002/03	359,423	7,692	47	87,019	1,614	54	72,818	1,277	57

2. Teachers' qualifications

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

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

Teachers in the secondary level are considered technically qualified if they have a minimum qualification of Bachelor degree.

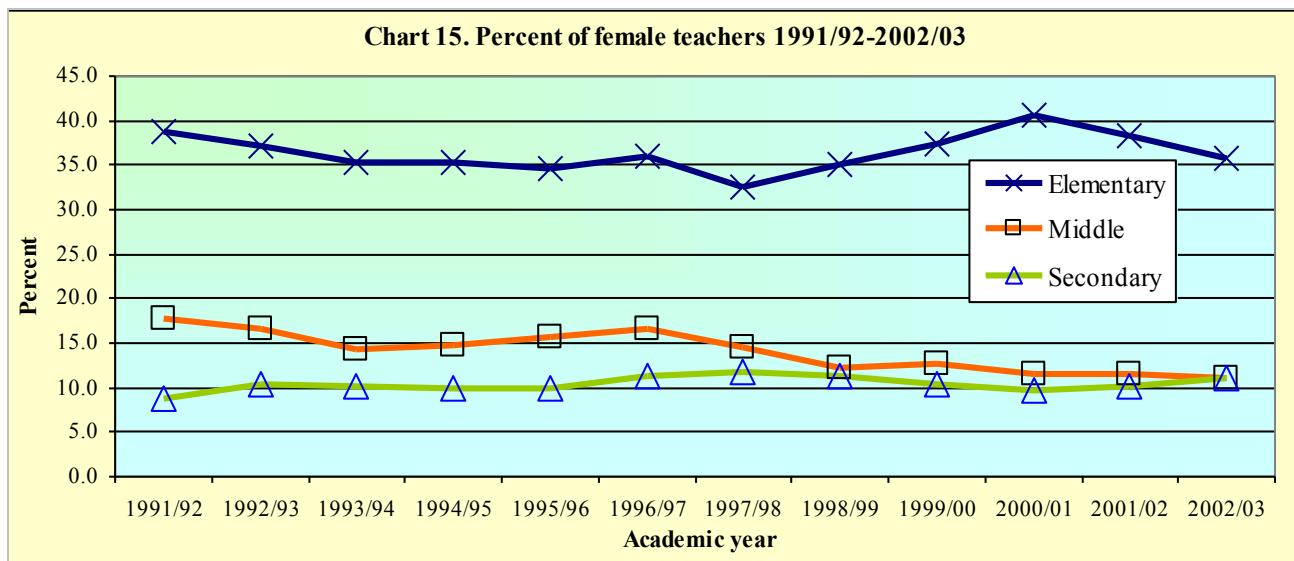
Table 41. Teachers' qualifications

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
2002/03	7,692	6,194	80.5	1,614	507	31.4	1,277	870	68.1

3. Female teachers

Table 42. Number and percentage of female teachers by level 1991/92-2002/03

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
2002/03	7,692	2,754	35.8	1,614	178	11.0	1,277	140	11.0



X. Age-specific enrolment 2002/03

Table 43. Age-specific enrolment 2002/03

Age	School age population		Pre-primary		Elementary		Middle		Secondary		Enrolment %	
	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female	Total	Female
0	71,024	34,121										
1	81,925	39,038										
2	90,617	43,055										
3	97,266	46,229	264	126							0.3	0.3
4	102,030	48,611	3771	1924							3.7	4.0
5	105,072	50,259	6851	3456	67	20					6.6	6.9
6	106,552	51,224	3754	1883	10989	5298					13.8	14.0
7	106,633	51,564	100	37	46693	21933					43.9	42.6
8	105,473	51,330	12	4	57528	26759					54.6	52.1
9	103,235	50,577			56500	26038					54.7	51.5
10	100,032	49,404			52023	23160	151	76			52.2	47.0
11	95,977	47,907			43616	19398	2026	990			47.6	42.6
12	91,472	45,926			36481	15740	8738	4222	143	63	49.6	43.6
13	86,773	43,428			27152	11398	15846	7305	1632	723	51.4	44.7
14	81,898	40,597			14966	5861	18627	8362	5576	2391	47.8	40.9
15	76,757	37,688			7810	2691	16111	7075	9823	4143	44.0	36.9
16	71,557	34,699			3968	1006	12218	4978	13016	5279	40.8	32.5
17	66,254	31,971			1113	190	7549	2517	14442	5515	34.9	25.7
18	60,881	29,715					3717	981	12657	4264	27.7	17.9
19	55,672	27,859					1244	268	8198	2348	17.0	9.4
20	50,559	25,972							4194	964	9.9	4.1
21	45,232	23,971							1805	352	4.0	1.5
22	41,920	22,861							772	88	1.8	0.4
23	41,621	23,044							317	31	0.8	0.1
24	43,221	24,018									0.6	0.1
25	44,751	24,982										
26	46,781	26,228										
27	47,382	26,544										
28	45,452	25,292										
29	41,970	23,078										
30	38,948	21,081										
Total			14752	7430	359423	159563	87019	36881	72818	26185		

5. Expenditure on education 2003

Table 44. Recurrent Expenditure - Administrative cost - MOE head office 2003

Code	Administration	General Education	Technical & Adult Education	Research and Human Resource Development	Sports Affairs	Cultural Affairs	Sudan Refugee schools	Total
6100	2,657,047.85	1,232,317.33	1,005,785.47	329,244.00	73,910.00	123,378.00	2,023,015.14	7,444,697.79
6101	1,782,584.00	1,169,462.33	913,545.57	299,704.00	73,910.00	121,008.00	1,759,143.60	6,119,357.50
6102	874,463.85	62,855.00	92,239.90	29,540.00	0.00	2,370.00	263,871.54	1,325,340.29
6200	2,446,370.53	141,717.10	135,577.63	73,619.35	27,972.81	58,257.93	727,459.38	3,610,974.73
6201	221,813.00	88,977.45	32,035.89	20,740.43	6,430.08	6,085.12	15,251.83	391,333.80
6202	203,722.23	34,052.50	31,346.25	44,106.62	2,054.28	2,995.50	55,589.53	373,866.91
6203	72,938.32	615.50	1,068.45	0.00	0.00	3,262.25	3,486.11	81,370.63
6204	167,040.21	8,655.00	3,499.00	3,407.50	350.20	0.00	103,715.68	286,667.59
6205	356,900.00	0.00	63,350.00	0.00	0.00	0.00	15,994.75	436,244.75
6206	117,295.83	8,333.32	913.05	1,614.80	19,138.25	24,248.40	240,276.84	411,820.49
6207	981,086.81	0.00	0.00	0.00	0.00	0.00	0.00	981,086.81
6210	325,574.13	1,083.33	3,364.99	3,750.00	0.00	21,666.66	293,144.64	648,583.75
6300	554,775.88	18,289.21	57,650.54	4,116.66	226.20	1,396.80	346,353.78	982,809.07
6301	0.00	0.00	0.00	0.00	0.00	0.00	299,959.20	299,959.20
6302	1,050.00	0.00	0.00	0.00	0.00	0.00	1,223.88	2,273.88
6303	0.00	0.00	979.40	0.00	0.00	0.00	17,990.69	18,970.09
6304	2,550.00	0.00	0.00	0.00	0.00	0.00	0.00	2,550.00
6305	364,540.01	289.00	25,542.04	1,166.66	226.20	1,396.80	14,205.31	407,366.02
6306	183,768.75	18,000.21	29,389.00	2,950.00	0.00	0.00	8,438.12	242,546.08
6307	2,867.12	0.00	1,740.10	0.00	0.00	0.00	4,536.58	9,143.80
6400	143,496.23	0.00	0.00	0.00	1,690,046.98	0.00	0.00	1,833,543.21
6401	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6402	95,000.00	0.00	0.00	0.00	1,690,046.98	0.00	0.00	1,785,046.98

Table 45. Recurrent Expenditure – MOE Total Administrative cost 2003

Code	MOE Head Office	Anseba	Debubawi Keih Bahri	Debub	Gash-Barka	Ma'ekel	Semienawi Keih Bahri	Total
6100	7,444,697.79	344,725.43	322,659.75	2,160,652.47	736,640.00	1,237,024.83	632,507.61	12,878,907.88
6101	6,119,357.50	342,985.43	233,079.00	2,160,652.47	648,730.00	1,237,024.83	534,268.20	11,276,097.43
6102	1,325,340.29	1,740.00	89,580.75	0.00	87,910.00	0.00	98,239.41	1,602,810.45
6200	3,610,974.73	273,547.97	188,569.01	331,781.41	380,251.54	186,120.76	304,057.13	5,275,302.55
6201	391,333.80	42,215.03	72,913.25	52,022.11	44,434.05	55,648.91	99,901.48	758,468.63
6202	373,866.91	86,012.89	66,150.37	118,506.16	48,861.95	58,599.20	89,648.33	841,645.81
6203	81,370.63	4,523.37	0.00	14,957.30	3,647.00	1,790.65	2,625.75	108,914.70
6204	286,667.59	27,322.60	7,530.09	32,543.00	83,256.07	25,395.00	23,077.40	485,791.75
6205	436,244.75	40,947.32	38,000.00	28,873.55	14,276.74	36,172.00	53,999.24	648,513.60
6206	411,820.49	62,970.20	0.00	76,033.00	176,186.30	7,800.00	31,800.00	766,609.99
6207	981,086.81	0.00	0.00	0.00	0.00	0.00	0.00	981,086.81
6210	648,583.75	9,556.56	3,975.30	8,846.29	9,589.43	715.00	3,004.93	684,271.26
6300	982,809.07	130,120.52	51,403.09	111,036.85	58,708.86	98,559.36	172,450.04	1,605,087.79
6301	299,959.20	0.00	0.00	0.00	0.00	0.00	0.00	299,959.20
6302	2,273.88	1,230.09	0.00	0.00	0.00	0.00	0.00	3,503.97
6303	18,970.09	0.00	0.00	0.00	0.00	0.00	0.00	18,970.09
6304	2,550.00	0.00	0.00	0.00	0.00	0.00	0.00	2,550.00
6305	407,366.02	61,996.08	50,780.19	73,086.56	44,843.43	38,032.36	105,824.80	781,929.44
6306	242,546.08	66,894.35	622.90	35,084.62	11,160.70	56,029.70	65,920.24	478,258.59
6307	9,143.80	0.00	0.00	2,865.67	2,704.73	4,497.30	705.00	19,916.50
6400	1,833,543.21	0.00	0.00	0.00	0.00	0.00	0.00	1,833,543.21
6401	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6402	1,785,046.98	0.00	0.00	0.00	0.00	0.00	0.00	1,785,046.98
6403	48,496.23	0.00	0.00	0.00	0.00	0.00	0.00	48,496.23
6500	74,805.50	48,548.31	7,986.00	28,963.00	0.00	151,020.49	6,840.00	318,163.30
6501	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6502	74,805.50	48,548.31	7,986.00	28,963.00	0.00	151,020.49	6,840.00	318,163.30
Gr. Tot	13,946,830.30	796,942.23	570,617.85	2,632,433.73	1,175,600.40	1,672,725.44	1,115,854.78	21,911,004.73

Table 46. Recurrent Expenditure - Elementary Level Education 2003

Code	Ansba	Debubawi Keih Bahri	Debub	Gash-Barka	Ma'ekel	Semienawi Keih Bahri	Total
6100	11,248,759.76	1,516,227.87	26,875,523.78	16,985,361.61	26,380,076.64	7,728,381.31	90,734,330.97
6101	5,732,990.85	683,960.01	13,353,260.52	8,343,118.08	18,649,977.98	4,067,459.25	50,830,766.69
6102	5,515,768.91	832,267.86	13,522,263.26	8,642,243.53	7,730,098.66	3,660,922.06	39,903,564.28
6200	169,283.06	65,776.13	41,930.21	84,096.18	65,216.80	175,562.93	601,865.31
6201	18,959.76	39,488.50	0.00	7,695.12	41,498.30	23,090.91	130,732.59
6202	96,608.90	24,987.63	22,995.21	56,107.56	23,718.50	61,872.02	286,289.82
6203	8,716.40	0.00	0.00	20,293.50	0.00	0.00	29,009.90
6204	39,998.00	1,300.00	18,935.00	0.00	0.00	90,600.00	150,833.00
6205	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6206	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6207	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6210	5,000.00	0.00	0.00	0.00	0.00	0.00	5,000.00
6300	240,767.44	4,187.80	208,619.85	412,837.24	313,001.36	139,976.61	1,319,390.30
6301	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6302	4,428.89	0.00	0.00	0.00	0.00	0.00	4,428.89
6303	159,717.15	4,187.80	199,986.85	405,092.76	306,302.52	139,976.61	1,215,263.69
6304	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6305	0	0	0	0	0.00	0.00	0.00
6306	65565.4	0	0	0	0.00	0.00	65,565.40
6307	11,056.00	0.00	8,633.00	7,744.48	6,698.84	0.00	34,132.32
6400	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6401	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6402	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6403	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6500	38,909.00	7,000.00	35,000.00	55,051.76	33,930.60	491,790.00	661,681.36
6501	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6502	38,909.00	7,000.00	35,000.00	55,051.76	33,930.60	491,790.00	661,681.36
Gr.Tot	11,697,719.26	1,593,191.80	27,161,073.84	17,537,346.79	26,792,225.40	8,535,710.85	93,317,267.94

Table 47. Recurrent Expenditure – Middle Level Education 2003

Code	Anseba	Debubawi Keih Bahri	Debub	Gash-Barka	Ma'ekel	Semienawi Keih Bahri	Total
6100	608,637.18	217,175.08	1,985,403.20	688,850.00	4,021,947.27	328,899.60	7,850,912.33
6101	406,427.00	117,000.00	1,388,953.20	305,210.00	3,388,732.27	193,286.60	5,799,609.07
6102	202,210.18	100,175.08	596,450.00	383,640.00	633,215.00	135,613.00	2,051,303.26
6200	76,113.15	35,619.37	44,096.28	27,591.62	26,395.44	28,733.71	238,549.57
6201	18,257.60	20,626.95	0.00	4,694.67	14,483.37	21,929.13	79,991.72
6202	9,999.00	14,992.42	11,686.38	20,642.75	11,912.07	6,804.58	76,037.20
6203	6,667.00	0.00	0.00	2,254.20	0.00	0.00	8,921.20
6204	38,689.55	0.00	11,940.00	0.00	0.00	0.00	50,629.55
6205	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6206	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6207	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6210	2,500.00	0.00	20,469.90	0.00	0.00	0.00	22,969.90
6300	198,983.06	2,756.00	0.00	319,402.50	65,634.99	49,993.92	636,770.47
6301	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6302	1,549.18	0.00	0.00	0.00	0.00	0.00	1,549.18
6303	179,873.08	2,756.00	0.00	0.00	61,143.60	49,993.92	293,766.60
6304	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6305	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6306	13,860.80	0.00	0.00	316,454.50	0.00	0.00	330,315.30
6307	3,700.00	0.00	0.00	2,948.00	4,491.39	0.00	11,139.39
6400	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6401	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6402	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6403	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6500	34,562.88	0.00	23,800.00	48,300.00	14,137.00	8,078.36	128,878.24
6501	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6502	34,562.88	0.00	23,800.00	48,300.00	14,137.00	8,078.36	128,878.24
Gr.Tot	918,296.27	255,550.45	2,053,299.48	1,084,144.12	4,128,114.70	415,705.59	8,855,110.61

Table 48. Recurrent Expenditure – Secondary Level Education 2003

Code	Ansba	Debubawi Keih Bahri	Debub	Gash-Barka	Ma'ekel	Semienawi Keih Bahri	Total
6100	1,036,192.76	212,505.83	1,789,004.50	1,217,110.00	7,767,930.06	697,015.46	12,719,758.61
6101	908,035.16	125,286.00	1,655,819.50	929,910.00	7,055,501.73	563,597.12	11,238,149.51
6102	128,157.60	87,219.83	133,185.00	287,200.00	712,428.33	133,418.34	1,481,609.10
6200	97,645.34	34,688.86	28,281.45	22,580.52	54,570.86	25,384.69	263,151.72
6201	8,702.26	32,128.86	0.00	8,193.11	33,554.11	18,000.00	100,578.34
6202	29,943.08	2,560.00	18,683.95	14,387.41	21,016.75	7,384.69	93,975.88
6203	10,000.00	0.00	0.00	0.00	0.00	0.00	10,000.00
6204	45,000.00	0.00	9,597.50	0.00	0.00	0.00	54,597.50
6205	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6206	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6207	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6210	4,000.00	0.00	0.00	0.00	0.00	0.00	4,000.00
6300	94,568.88	3,550.00	0.00	80,539.08	72,796.45	70,970.96	322,425.37
6301	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6302	814.56	0.00	0.00	0.00	0.00	0.00	814.56
6303	79,952.01	3,550.00	0.00	79,971.00	68,297.50	70,970.96	302,741.47
6304	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6305	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6306	13,802.31	0.00	0.00	0.00	0.00	0.00	13,802.31
6307	0.00	0.00	0.00	568.08	4,498.95	0.00	5,067.03
6400	0.00	0.00	0.00	149,000.00	0.00	0.00	149,000.00
6401	0.00	0.00	0.00	149,000.00	0.00	0.00	149,000.00
6402	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6403	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6500	22,982.66	0.00	16,650.00	49,614.02	16,965.30	0.00	106,211.98
6501	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6502	22,982.66	0.00	16,650.00	49,614.02	16,965.30	0.00	106,211.98
Gr.Tot	1,251,389.64	250,744.69	1,833,935.95	1,518,843.62	7,912,262.67	793,371.11	13,560,547.68

Table 49. Recurrent Expenditure - Boarding Schools 2003

code	Dekemhare	Agordat	Forto	Gogne	Assab	Tio	Affambo	Wegret	Tsabra	Asmath	Abraha Bahta School for the Blind	Total
6100	347,759.00	221,556.30	65,272.30	188,271.40	86,835.00	0.00	0.00	83,082.00	908,937.67	257,190.60	416,991.00	2,575,895.27
6101	305,759.00	192,660.00	47,944.00	160,236.00	69,468.00	0.00	0.00	72,060.00	762,787.67	179,025.00	416,991.00	2,206,930.67
6102	42,000.00	28,896.30	17,328.30	28,035.40	17,367.00	0.00	0.00	11,022.00	146,150.00	78,165.60	0.00	368,964.60
6200	314,863.11	154,134.04	42,941.75	179,793.49	216,968.88	258,270.15	0.00	127,904.37	693,770.65	158,624.11	109,368.43	2,256,638.98
6201	144,106.12	66,724.96	15,634.00	111,397.00	80,106.47	95,946.00	0.00	28,764.30	48,638.25	19,975.14	35,949.72	647,241.96
6202	5,197.90	71,217.70	20,464.22	62,079.44	46,651.70	36,774.95	0.00	80,362.79	95,347.90	84,549.11	17,000.00	519,645.71
6203	3,267.50	4,744.92	0.00	0.00	0.00	0.00	0.00	0.00	3,557.55	2,999.40	0.00	14,569.37
6204	107,035.04	1,458.57	0.00	0.00	11,428.00	4,733.22	0.00	9,512.00	267,967.00	11,999.96	15,477.00	429,610.79
6205	32,319.50	0.00	5,600.00	0.00	38,799.25	88,897.10	0.00	6,051.60	252,062.66	39,100.50	3,985.21	466,815.82
6206	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35,738.17	35,738.17
6207	0.00	9,987.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9,987.89
6210	22,937.05	0.00	1,243.53	6,317.05	39,983.46	31,918.88	0.00	3,213.68	26,197.29	0.00	1,218.33	133,029.27
6300	4,519,019.31	1,183,728.81	340,602.53	1,220,103.37	562,616.37	556,650.30	303,445.46	1,515,633.96	2,181,764.18	1,415,509.00	346,532.53	14,145,605.82
6301	3,995,000.00	969,535.02	275,028.00	1,051,575.31	520,616.37	482,246.11	210,031.93	1,350,631.29	1,652,255.45	1,301,268.34	254,170.97	12,062,358.79
6302	10,308.33	7,452.36	293.36	1,052.17	0.00	0.00	0.00	0.00	16,195.07	1,422.21	0.00	36,723.50
6303	112,800.00	48,050.00	10,786.00	54,612.50	2,000.00	0.00	19,967.90	61,344.25	68,689.25	34,999.50	0.00	413,249.40
6304	242,234.84	132,338.72	46,000.17	88,215.98	0.00	0.00	49,933.10	15,659.00	19,999.89	35,964.00	54,746.16	685,091.86
6305	38,916.65	3,252.71	5,995.00	10,784.93	40,000.00	74,404.19	0.00	87,999.42	305,319.47	23,070.80	23,541.30	613,284.47
6306	3,462.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26,945.90	8,602.00	5,110.50	44,120.90
6307	116,296.99	23,100.00	2,500.00	13,862.48	0.00	0.00	23,512.53	0.00	92,359.15	10,182.15	8,963.60	290,776.90
6400	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	239,949.70	239,949.70
6401	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	239,949.70	239,949.70
6402	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6403	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6500	60,975.80	28,520.00	24,800.00	31,000.00	0.00	550.00	266,906.25	280,880.00	76,035.70	59,202.17	13,175.00	842,044.92
6501	0.00	0.00	0.00	0.00	0.00	0.00	0.00	280,880.00	0.00	0.00	0.00	280,880.00
6502	60,975.80	28,520.00	24,800.00	31,000.00	0.00	550.00	266,906.25	0.00	76,035.70	59,202.17	13,175.00	561,164.92
Gr. Tot	5,242,617.22	1,587,939.15	473,616.58	1,619,168.26	866,420.25	815,470.45	570,351.71	2,007,500.33	3,860,508.20	1,890,525.88	1,126,016.66	20,060,134.69

Table 50. Recurrent Expenditure – Technical Schools 2003

code	Asmara	Music School	Fine Arts	Donbosco	Mai Habar	Winna	Hamelmalo	Hagaz	Asmara Commercial Collage	Total
6100	521,669.50	113,498.00	97,527.00	0.00	393,998.00	401,509.40	183,775.00	0.00	34,080.00	1,746,056.90
6101	426,377.00	113,498.00	97,527.00	0.00	340,288.00	284,656.00	183,775.00	0.00	34,080.00	1,480,201.00
6102	95,292.50	0.00	0.00	0.00	53,710.00	116,853.40	0.00	0.00	0.00	265,855.90
6200	122,833.53	11,024.53	51,950.23	0.00	236,843.11	311,579.88	161,090.00	0.00	5,525.45	900,846.73
6201	59,401.36	4,722.33	5,749.73	0.00	194,000.00	27,731.77	53,931.72	0.00	5,525.45	351,062.36
6202	4,975.20	2,264.50	0.00	0.00	6,962.44	92,692.25	9,251.75	0.00	0.00	116,146.14
6203	879.10	2,787.70	0.00	0.00	2,718.60	6,289.65	18,756.75	0.00	0.00	31,431.80
6204	49,464.48	0.00	46,200.50	0.00	11,487.00	13,122.21	14,276.10	0.00	0.00	134,550.29
6205	5,196.73	0.00	0.00	0.00	15,000.00	160,817.51	56,581.00	0.00	0.00	237,595.24
6206	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6207	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6210	2,916.66	1,250.00	0.00	0.00	6,675.07	10,926.49	8,292.68	0.00	0.00	30,060.90
6300	371,684.47	21,449.07	124,814.84	23,681.85	1,153,217.07	1,280,674.45	1,263,065.34	494,400.00	0.00	4,732,987.09
6301	0.00	0.00	0.00	23,681.85	926,730.00	536,272.95	1,052,103.00	494,400.00	0.00	3,033,187.80
6302	0.00	0.00	0.00	0.00	3,909.70	10,002.59	25,964.17	0.00	0.00	39,876.46
6303	292,805.52	21,449.07	124,814.84	0.00	174,934.91	449,570.71	84,598.50	0.00	0.00	1,148,173.55
6304	25,536.20	0.00	0.00	0.00	21,366.44	43,993.28	31,360.00	0.00	0.00	122,255.92
6305	23,451.75	0.00	0.00	0.00	10,999.92	211,685.45	50,102.67	0.00	0.00	296,239.79
6306	29,891.00	0.00	0.00	0.00	9,160.00	7,894.90	10,510.00	0.00	0.00	57,455.90
6307	0.00	0.00	0.00	0.00	6,116.10	21,254.57	8,427.00	0.00	0.00	35,797.67
6400	0.00	0.00	0.00	683,086.37	0.00	0.00	0.00	0.00	0.00	683,086.37
6401	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6402	0.00	0.00	0.00	683,086.37	0.00	0.00	0.00	0.00	0.00	683,086.37
6403	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6500	0.00	112,464.18	0.00	0.00	3,828.00	46,100.20	28,441.32	0.00	0.00	190,833.70
6501	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6502	0.00	112,464.18	0.00	0.00	3,828.00	46,100.20	28,441.32	0.00	0.00	190,833.70
Gr. Tot	1,016,187.50	258,435.78	274,292.07	706,768.22	1,787,886.18	2,039,863.93	1,636,371.66	494,400.00	39,605.45	8,253,810.79

Table 51. Recurrent Expenditure -Teachers' Education**2003**

Code	Asmara TTI	May Nefhi TTI	Total
6100	1,085,490.72	52,800.00	1,138,290.72
6101	1,011,225.72	52,800.00	1,064,025.72
6102	74,265.00	0.00	74,265.00
6200	292,615.87	99,024.12	391,639.99
6201	163,000.00	62,132.89	225,132.89
6202	3,182.95	19,200.90	22,383.85
6203	2,072.50	88.45	2,160.95
6204	34,738.00	3,977.00	38,715.00
6205	392.42	4,301.66	4,694.08
6206	0.00	450.00	450.00
6207	0.00	0.00	0.00
6210	89,230.00	8,873.22	98,103.22
6300	1,649,186.88	1,257,964.76	2,907,151.64
6301	1,402,093.44	1,151,806.52	2,553,899.96
6302	9,094.20	8,394.36	17,488.56
6303	45,724.00	4,985.60	50,709.60
6304	147,393.00	0.00	147,393.00
6305	4,576.00	60,360.43	64,936.43
6306	20,097.70	7,497.00	27,594.70
6307	20,208.54	24,920.85	45,129.39
6400	0.00	0.00	0.00
6401	0.00	0.00	0.00
6402	0.00	0.00	0.00
6403	0.00	0.00	0.00
6500	2,304.00	0.00	2,304.00
6501	0.00	0.00	0.00
6502	2,304.00	0.00	2,304.00
Gr. Tot	3,029,597.47	1,409,788.88	4,439,386.35

Table. 52. Total Recurrent Budget Expenditure - MOE 2003

code	Administration	TTIs	Technical Schools	Boarding Schools	Elementary Schools	Middle Schools	Secondary Schools	Total
6100	12,878,907.88	1,138,290.72	1,746,056.90	2,575,895.27	90,734,330.97	7,850,912.33	12,719,758.61	129,644,152.68
6101	11,276,097.43	1,064,025.72	1,480,201.00	2,206,930.67	50,830,766.69	5,799,609.07	11238149.51	83,895,780.09
6102	1,602,810.45	74,265.00	265,855.90	368,964.60	39,903,564.28	2,051,303.26	1481609.1	45,748,372.59
6200	5,275,302.55	391,639.99	900,846.73	2,256,638.98	601,865.31	238,549.57	263,151.72	9,927,994.85
6201	758,468.63	225,132.89	351,062.36	647,241.96	130,732.59	79,991.72	100578.34	2,293,208.49
6202	841,645.81	22,383.85	116,146.14	519,645.71	286,289.82	76,037.20	93975.88	1,956,124.41
6203	108,914.70	2,160.95	31,431.80	14,569.37	29,009.90	8,921.20	10000	205,007.92
6204	485,791.75	38,715.00	134,550.29	429,610.79	150,833.00	50,629.55	54597.5	1,344,727.88
6205	648,513.60	4,694.08	237,595.24	466,815.82	0.00	0.00	0.00	1,357,618.74
6206	766,609.99	450.00	0.00	35,738.17	0.00	0.00	0.00	802,798.16
6207	981,086.81	0.00	0.00	9,987.89	0.00	0.00	0.00	991,074.70
6210	684,271.26	98,103.22	30,060.90	133,029.27	5,000.00	22,969.90	4000	977,434.55
6300	1,605,087.79	2,907,151.64	4,732,987.09	14,145,605.82	1,319,390.30	636,770.47	322,425.37	25,669,418.48
6301	299,959.20	2,553,899.96	3,033,187.80	12,062,358.79	0.00	0.00	0.00	17,949,405.75
6302	3,503.97	17,488.56	39,876.46	36,723.50	4,428.89	1,549.18	814.56	104,385.12
6303	18,970.09	50,709.60	1,148,173.55	413,249.40	1,215,263.69	293,766.60	302741.47	3,442,874.40
6304	2,550.00	147,393.00	122,255.92	685,091.86	0.00	0.00	0	957,290.78
6305	781,929.44	64,936.43	296,239.79	613,284.47	0.00	0.00	0.00	1,756,390.13
6306	478,258.59	27,594.70	57,455.90	44,120.90	65,565.40	330,315.30	13802.31	1,017,113.10
6307	19,916.50	45,129.39	35,797.67	290,776.90	34,132.32	11,139.39	5067.03	441,959.20
6400	1,833,543.21	0.00	683,086.37	239,949.70	0.00	0.00	149,000.00	2,905,579.28
6401	0.00	0.00	0.00	239,949.70	0.00	0.00	149,000.00	388,949.70
6402	1,785,046.98	0.00	683,086.37	0.00	0.00	0.00	0.00	2,468,133.35
6403	48,496.23	0.00	0.00	0.00	0.00	0.00	0.00	48,496.23
6500	318,163.30	2,304.00	190,833.70	842,044.92	661,681.36	128,878.24	106,211.98	2,250,117.50
6501	0.00	0.00	0.00	280,880.00	0.00	0.00	0.00	280,880.00
6502	318,163.30	2,304.00	190,833.70	561,164.92	661,681.36	128,878.24	106211.98	1,969,237.50
Gr.Tot	21,911,004.73	4,439,386.35	8,253,810.79	20,060,134.69	93,317,267.94	8,855,110.61	13,560,547.68	170,397,262.79

Table 53. Capital Budget Expenditure On Education –2003

Description	Source of Fund		Total
	Government	NGO's	
Capacity building - Training and Exams	14,756,933.87	5,461,363.38	20,218,297.25
Construction, Rehabilitation & Summer work of secondary schl Students	104,020,069.08	411607.04	104,431,676.12
Construction, Rehabilitation and maintenance of Technical Schls	9,215,688.45	199,723.70	9,415,412.15
Training & Machinery supplies to Skill Development Centers	801,720.40		801,720.40
Rehabilitation and maintenance of Boarding Schools	2,945,315.20		2,945,315.20
Rehabilitation and maintenance of Administrative, Text book supplies	0.00	11,233,570.83	11,233,570.83
Adult Education Literacy Campaign	2,585,002.47	6,078,215.80	8,663,218.27
Constructiona, Extension and Rehabilitation of Elementary Schools		30,359,893.94	30,359,893.94
Construction, Extension and Rehabilitation of Middle Schools		1,406,887.00	1,406,887.00
Design, Extension and Rehabilitation of Secondary Schools	599,764.73	42,296,440.91	42,896,205.64
Curriculum Development and Mother Tongue text book Printing			0.00
Construction of Mai Nefhi Institute of technology	33,986,760.64	738,495.00	34,725,255.64
Total	168,911,254.84	98,186,197.60	267,097,452.44

Table 5m. 2 Capital Expenditure Classified by Level 2003

Levels	Government	NGO'S	Total
Elementary Schools		30,359,893.94	30,359,893.94
Midlle Schools		1,406,887.00	1,406,887.00
Secondary Schools	104,619,833.81	42,708,047.95	147,327,881.76
Technical Schools	9,215,688.45	199,723.70	9,415,412.15
Rehabilitation and Maintenance of Boarding Schools	2,945,315.20		2,945,315.20
Adult Education – Literacy Campaign and Skills Development Centers	3,386,722.87	6,078,215.80	9,464,938.67
Mai Nefhi Institute of Science and Technology	33,986,760.64	738,495.00	34,725,255.64
Unclassified Costs	14,756,933.87	16,694,934.21	31,451,868.08
Total	168,911,254.84	98,186,197.60	267,097,452.44

Table 5m. 3 Total 2003 Expenditure

Description	Source of Fund		Total
	Government	NGO's	
Recurrent Expenditure	170,397,262.97	0.00	170,397,262.97
Capital Expenditure	168,911,254.84	98,186,197.60	267,097,452.44
Total Expenditure	339,308,517.81	98,186,197.60	437,494,715.41