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SUMMARY DATA

EDUCATION DATA						EDUCATION DATA					
STATISTICS AND INDICATORS	2002	2003	2006	2007	2008*	STATISTICS AND INDICATORS	2002	2003	2006	2007	2008*
Number of Education Institutions:						Gross Enrolment Rate(GER)-%					
ECD	28,300	28,995	36,121	37,263	37,954	ECD	51.7	56.8	58.8	59.0	60.2
Primary	19,124	19,496	25,929	26,104	26,206	Primary	88.2	102.8	107.4	107.6	108.9
Secondary	3,667	3,989	5,659	6,485	6,566	Secondary	29.7	28.5	32.2	36.8	42.5
Primary Teachers T. Colleges	32	32	33	36	36	Net Enrolment Rate(NER)-%					
Universities	19	23	24	28	28	ECD	Na	31.0	33.6	42.1	45.1
Enrolment ('000):						Primary	77.3	80.4	86.5	91.6	92.5
ECD	1,445.0	1,592.9	1,672.3	1,692.1	1,720.2	Secondary	18.2	18.6	22.5	24.2	28.9
Primary(Total)	6,063.0	7,160.0	7,632.0	8,330.1	8,563.8	Primary pupil completion rate(PCR)	62.8	68.2	76.3	81.0	79.5
Primary(public)	5,874.0	6,906.4	7,260.1	7,440.9	7,639.6	Number of Teachers					
Primary(private)	189.0	253.6	371.9	889.2	924.2	ECD	49,889	54,889	74,529	76,324	78,230
Secondary (Total)	851.8	881.3	1,030.1	1,180.3	1,382.0	Primary(public)	178,037	178,622	162,990	173,157	170,059 ²
Secondary (public)	781.4	805.1	903.0	1,026.8	1,211.1	Secondary(public)	45,901	47,035	42,403	44,305	43,016 ²
Secondary (private)	70.43	76.189	127.1	153.5	170.9	Pupil Teacher Ratio(PTR)					
Teacher Training Colleges	20.2	21.1	22.6	22.9	22.2 ¹	ECD	24.6:1	25.2:1	22.4:1	22.2:1	22.2:1
TIVET Institutions	32.8	35.9	71.2	76.5	85.2	Primary(public)	34.1	38.7:1	42.9:1	43.9:1	44.6:1
Universities(Total)	81.0	82.1	112.2	118.2	122.8	Secondary(public)	17.9: 1	16.3: 1	26.2: 1	18.4: 1	32.1:1
Universities(public)	71.8	72.5	91.3	97.1	100.6	Primary to secondary transition rate	46.4	45.8	59.6	59.9	64.1
Universities(private)	9.1	9.5	20.9	21.1	22.2	Education Budget					
NFE /NFS	Na	100.0	109.3	121.4	143.4	% GDP of education budget	6.59	6.36	6.35	6.5	5.5 ³
Adult Education Centres	114.9	108.4	129.3	126.7	189.0	% of Education budget to Government budget	29.61	27.43	31.68	31.51	18.76 ³

* Provisional

1. Enrolment decline due public colleges converted into universities 2. Teacher on study leave, disciplinary cases and other types of leave not included,. The decline in teachers is due to natural attrition. 3. Though there was increase in education budget, the proportion to the total Government budget declined.

1.0 ECD EDUCATION

Enrolment

The ECDE enrolment rose from 1.53 million pupils in 2003 to 1.72 million in 2008, an increase of 9.9 percent. To improve access and quality of education, the Government targets to hire ECDE teachers and support provision of teaching and learning materials by 2010.

Pre Primary Schools Enrolment by Province, 2003- 2008

PROVINCE	2003	2004	2005	2006	2007	2008
Coast	108,943	145,317	152,656	155,090	156,830	159,534
Central	138,854	142,271	141,558	144,024	145,639	148,150
Eastern	230,646	230,625	228,360	231,975	234,577	238,621
Nairobi	261,621	276,094	282,959	288,886	292,126	297,162
Rift Valley	410,400	419,553	443,068	450,667	455,721	463,577
Western	181,317	167,204	148,364	150,904	152,597	155,228
Nyanza	195,073	226,359	227,209	230,998	233,588	237,614
North Eastern	11,214	19,297	19,470	19,792	20,014	20,359
Total	1,538,069	1,626,720	1,643,646	1,672,336	1,691,093	1,720,245

Source: EMIS, Ministry of Education

Gross Enrolment Rate (GER)

The Gross Enrolment Rate rose from 57.6 percent in 2004 to 62.0 percent in 2008. There are significant regional variations with Nairobi province registering a high ECD participation rate, 137 percent and the least recorded by North Eastern, 20.4 percent. In 2008, the gender parity index at ECD is 0.95.

Pre-School Gross Enrolment Rate by Gender and province, 2004-2008

PROVINCE/	2004			2005			2006			2007			2008		
DISTRICT	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Coast	60.2	59.0	59.6	60.3	63.6	61.9	61.2	64.5	62.8	61.4	64.7	63.0	62.2	66.5	64.3
Central	40.2	38.1	39.2	39.8	37.9	38.8	40.4	38.4	39.4	40.6	38.5	39.6	41.1	39.6	40.3
Eastern	53.7	48.3	50.9	53.4	47.1	50.2	54.2	47.7	50.9	54.4	47.9	51.1	55.1	49.2	52.1
Nairobi	119.3	139.7	128.8	122.8	141.4	131.3	125.3	143.8	133.8	125.8	144.4	134.3	127.4	148.4	137.0
Rift Valley	61.9	59.5	60.7	64.8	62.8	63.8	65.8	63.7	64.8	66.1	64.0	65.0	66.9	65.7	66.3
Western	53.9	47.5	50.6	53.3	36.5	44.7	54.2	37.0	45.4	54.4	37.2	45.6	55.1	38.2	46.5
Nyanza	54.3	51.0	52.6	53.6	51.6	52.6	54.4	52.3	53.4	54.7	52.6	53.6	55.4	54.0	54.7
North Eastern	22.6	16.1	19.6	22.5	16.3	19.6	22.8	16.5	19.9	22.9	16.6	20.0	23.2	17.0	20.4
Grand Total	58.9	56.3	57.6	59.6	56.2	57.9	60.6	56.9	58.8	60.8	57.2	59.0	61.6	58.7	60.2

Source: EMIS, Ministry of Education

2.0 PRIMARY EDUCATION

Primary schools enrolment

The implementation of Free Primary Education programme resulted to a significant increase in enrolment (20 percent) in primary education, from 6.0 million in 2002 to 7.2 million pupils in 2003. Since 2003, the enrolment has further increased to 8.6 million as at 2008, an increase of 23.3 percent. The FPE strategy, of capitation grants enabled schools to procure teaching and learning materials, resulting to improved Textbook Pupil Ratio (1:2).

Primary Schools Enrolment by Province, 2002- 2008

PROVINCE	2002		2003		2004		2005		2006		2007		2008	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Coast	211,122	176,754	264,473	222,156	300,058	255,955	312,432	273,111	316,710	283,331	336,721	306,635	340,130	318,731
Central	407,876	408,387	457,287	447,482	461,382	449,424	461,122	442,516	447,090	435,339	450,203	438,033	462,774	448,566
Eastern	578,403	580,125	663,717	646,090	698,091	673,593	704,135	675,774	698,718	679,492	743,013	737,616	778,156	760,629
Nairobi	89,373	87,855	109,141	108,026	115,097	114,155	118,985	118,872	117,085	117,734	159,722	159,278	151,883	154,421
Rift Valley	767,298	733,360	917,243	862,546	951,241	882,750	1,007,356	943,878	1,025,745	972,532	1,123,402	1,061,650	1,120,340	1,071,001
Western	431,933	451,569	532,248	522,446	562,911	540,531	574,739	569,233	560,419	562,138	641,787	631,724	665,287	668,353
Nyanza	554,331	535,475	685,647	654,247	685,331	636,569	682,982	641,257	677,004	657,592	738,926	702,809	765,145	743,119
North Eastern	33,596	15,306	44,642	22,131	47,726	22,232	50,647	25,469	53,806	27,376	64,842	33,787	74,994	40,294
Total	3,073,932	2,988,831	3,674,398	3,485,124	3,821,837	3,575,209	3,912,399	3,690,112	3,896,578	3,735,535	4,258,616	4,071,532	4,358,709	4,205,113
Grand Total	6,062,763		7,159,522		7,397,046		7,602,511		7,632,113		8,330,148		8,563,821	

Source: EMIS, Ministry of Education

The table below shows that enrolment in public primary schools grew from 7.1 million pupils in 2004 to 7.6 million in 2008, translating to an increase of 7.0 percent. In 2008, there were 3.9 million boys enrolled as compared to 3.8 million girls in public primary schools. Similarly, the enrolment in private secondary schools has risen from 273,355 in 2004 to 924, 192 pupils. The drastic increase in enrolment is as a result of improved data coverage and increase in number of private primary schools over the years.

Public Primary Schools Gross Enrolment by Province, 2003- 2008

PROVINCE	2004			2005			2006			2007			2008		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Coast	285,454	241,184	526,638	289,578	247,318	536,896	293,628	257,280	550,908	304,379	277,183	581,562	306,659	287,983	594,641
Central	430,668	420,679	851,347	424,254	409,148	833,401	409,853	401,637	811,490	406,961	395,961	802,922	418,022	404,642	822,664
Eastern	685,810	663,128	1,348,938	692,376	665,141	1,357,518	686,842	668,753	1,355,595	669,919	666,768	1,336,687	702,509	686,664	1,389,173
Nairobi	101,044	102,017	203,061	97,622	99,037	196,659	95,508	97,701	193,209	100,640	100,360	201,000	90,738	92,911	183,648
Rift Valley	920,176	853,705	1,773,881	968,980	899,101	1,868,082	986,985	927,307	1,914,292	1,015,501	959,679	1,975,180	1,008,670	964,543	1,973,213
Western	557,690	537,525	1,092,215	559,225	545,299	1,104,524	544,750	537,965	1,082,715	580,144	571,047	1,151,191	601,491	605,007	1,206,498
Nyanza	651,152	607,738	1,258,890	658,066	605,794	1,263,860	651,840	621,774	1,273,614	667,953	635,305	1,303,258	691,693	672,644	1,364,339
North Eastern	46,188	21,249	67,437	49,700	23,558	73,258	52,849	25,446	78,295	58,614	30,542	89,156	68,548	36,906	105,453
Total	3,678,182	3,447,225	7,122,407	3,739,802	3,494,397	7,234,199	3,722,255	3,537,863	7,260,118	3,804,111	3,636,845	7,440,956	3,888,330	3,751,300	7,639,629

Source: EMIS, Ministry of Education

Private Primary Schools Gross Enrolment by Province, 2004- 2008

PROVINCE	2004			2005			2006			2007			2008		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Coast	14,604	14,771	29,375	22,853	25,793	48,646	23,082	26,051	49,133	32,342	29,452	61,793	33,471	30,748	64,219
Central	30,714	28,745	59,459	36,868	33,369	70,237	37,237	33,702	70,939	43,242	42,072	85,314	44,752	43,924	88,676
Eastern	12,281	10,465	22,742	11,759	10,633	22,392	11,876	10,739	22,615	73,094	70,848	143,942	75,647	73,965	149,612
Nairobi	14,053	12,138	26,191	21,364	19,835	41,198	21,577	20,033	41,610	59,082	58,918	118,000	61,145	61,510	122,656
Rift Valley	31,065	29,045	60,109	38,376	44,777	83,153	38,760	45,225	83,985	107,901	101,971	209,872	111,670	106,458	218,127
Western	5,221	3,006	8,947	15,514	23,934	39,448	15,669	24,173	39,842	61,643	60,677	122,319	63,796	63,346	127,142
Nyanza	34,179	28,831	63,011	24,915	35,464	60,379	25,164	35,818	60,983	70,973	67,504	138,477	73,452	70,475	143,926
North Eastern	1,538	983	2,521	947	1,911	2,858	957	1,930	2,887	6,228	3,245	9,473	6,446	3,388	9,834
Total	143,655	127,984	272,355	172,597	195,715	368,312	174,323	197,672	371,995	454,505	434,687	889,192	470,379	453,813	924,192

Source: EMIS, Ministry of Education

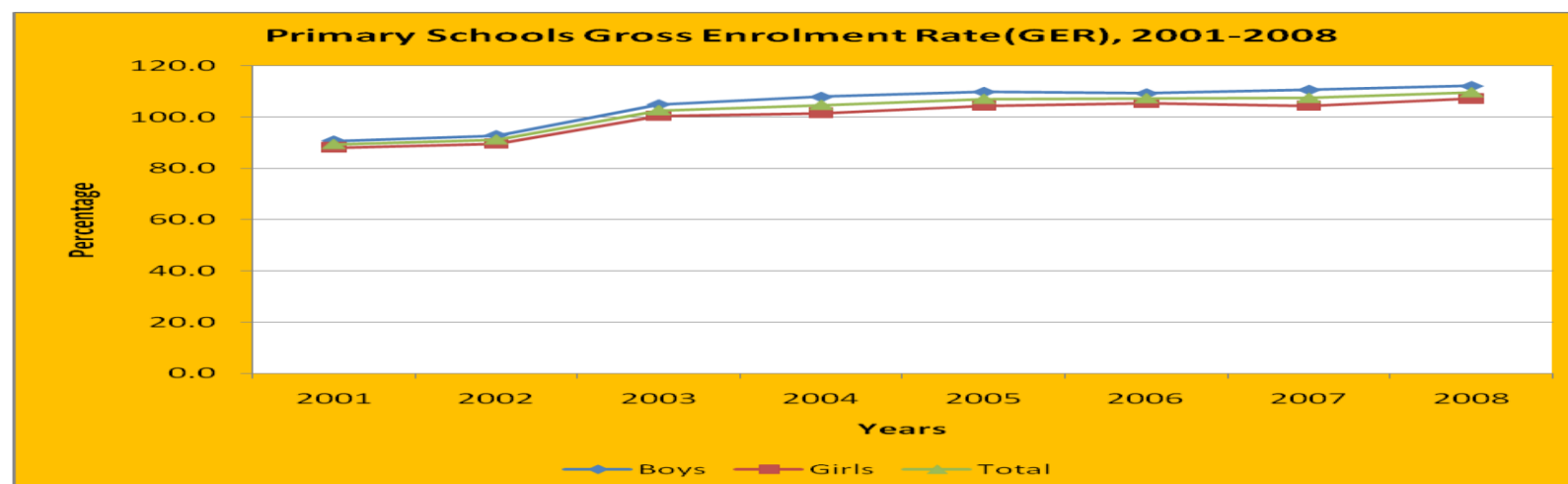
Gross Enrolment Rate

- The enrolment rate has increased significantly from **88.2 percent** in 2002 to 102.6 percent in 2003, then rose further to **107.6 percent** in 2008. This shows the level of access in primary education irrespective of the age of the pupils.

Primary Gross Enrolment Rate by Gender and Province, 2002- 2008

PROVINCE	2002		2003		2004		2005		2006		2007		2008	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Coast	70.3	59.4	86.9	73.7	97.3	83.7	95.7	84.4	101.3	91.5	100.8	91.3	101.2	93.5
Central	92.2	93.3	102.3	100.9	102.2	99.9	106.9	102.7	103.4	100.8	97.4	93.4	98.2	94.5
Eastern	103.0	105.2	116.3	114.9	120.6	117.4	126.0	124.4	127.3	126.0	129.7	127.8	129.9	127.9
Nairobi	32.3	36.2	39.1	43.9	41.0	45.8	35.9	38.2	38.8	38.8	41.6	49.5	51.8	61.8
Rift Valley	92.3	88.1	109.5	102.7	113.0	104.2	117.8	109.9	115.9	108.9	118.7	109.6	119.4	110.1
Western	112.6	108.0	137.4	123.2	143.3	125.9	148.2	134.2	141.3	130.9	151.5	135.6	145.6	152.3
Nyanza	104.8	102.3	127.8	122.8	126.2	117.4	127.7	120.8	128.9	126.5	131.6	128.1	131.9	129.5
North Eastern	25.3	13.3	32.4	18.8	33.5	18.5	34.1	20.7	33.4	20.5	37.7	30.5	45.2	34.7
TOTAL	88.9	87.5	105.0	100.5	108.0	101.6	109.9	104.4	109.3	105.5	110.7	104.4	112.2	107.3
GRAND TOTAL	88.2		102.8		104.8		107.2		107.4		107.6		109.8	

Source: EMIS, Ministry of Education



Primary Schools Net Enrolment rate

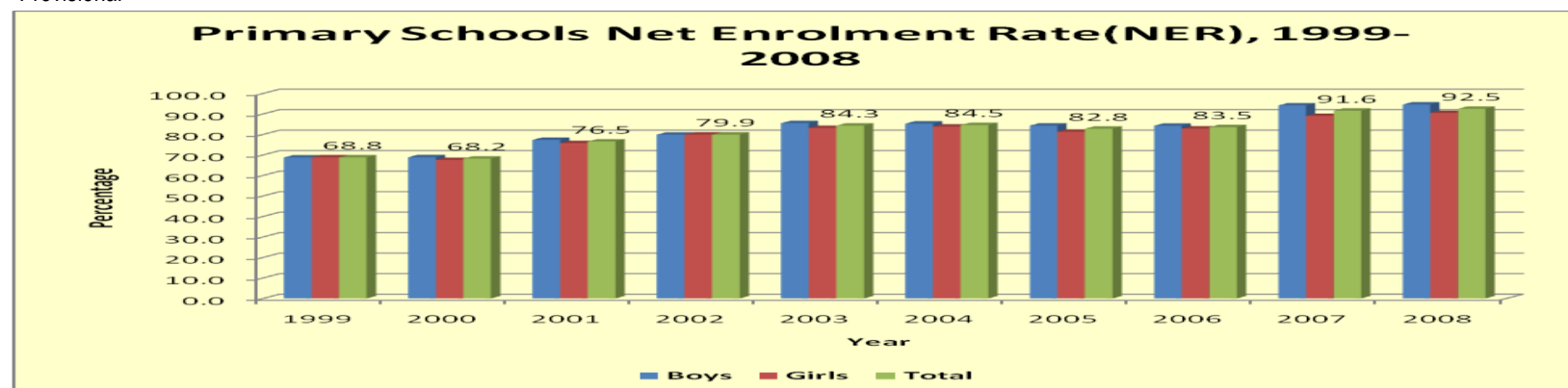
The NER in Kenya has substantially improved from **77.3 percent** in 2002 to **92.5 percent** in 2008 and hence indicating the progress towards meeting the Education For All target in 2015. The reported NER indicates that **595,095 children** are out of school (7.5 percent of primary school going age population).

Primary Net Enrolment Rate by Gender and Province, 2002- 2008

PROVINCE	2002		2003		2004		2005		2006		2007		2008*	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Coast	58.2	53.2	66.9	60.1	72.8	67.7	75.1	73.3	72.3	71.2	84.6	77.0	85.7	79.2
Central	83.5	87.8	83.6	84.2	81.4	81.8	87.9	87.0	83.0	83.0	84.4	80.7	85.6	81.5
Eastern	87.7	91.6	90.4	90.3	91.4	91.5	94.9	93.8	96.9	95.8	98.7	97.8	98.9	97.9
Nairobi	25.4	29.5	35.5	40.3	35.9	41.1	39.2	40.9	38.8	41.6	49.5	51.8	61.8	59.7
Rift Valley	81.1	81.5	84.1	82.0	87.8	85.4	87.9	85.3	91.8	89.8	98.3	94.0	98.9	97.2
Western	95.4	91.7	97.5	93.2	99.3	97.2	99.1	94.6	99.1	94.6	99.1	98.9	99.5	99.1
Nyanza	88.9	89.6	96.2	95.4	96.9	96.2	98.4	97.2	98.4	97.2	98.4	98.2	98.7	98.4
North Eastern	19.6	14.1	26.1	16.2	23.6	14.9	26.6	18.8	25.9	18.8	33.1	20.8	39.3	24.5
TOTAL	76.5	78.0	80.8	80.0	82.2	82.0	83.8	82.6	86.5	86.5	94.1	89.0	94.6	90.5
GRAND TOTAL	77.3		80.4		82.1		83.2		86.5		91.6		92.5	

Source: EMIS, Ministry of Education

*Provisional



Primary to secondary schools transition rate, 2002 – 2008

The transition rate from primary to secondary increased from 45.8 percent in 2003 to 59.9 percent in 2008 and estimated at 64.1 percent in 2009.

With implementation of Free Secondary Tuition the target is attain over 70 percent transition to secondary education.

Transition Rate from Primary to Secondary School by Gender, 2002-2008

Year In Std 8	Year In Form 1	Enrolment In Std 8 ('000)			Enrolment In Form 1 ('000)			% Transiting to Form 1		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
2002	2003	296.9	244.5	541.3	129.4	121.7	251.1	43.6%	49.8%	46.4%
2003	2004	303.9	284.1	588.0	132.6	118.6	251.2	43.6%	41.7%	42.7%
2004	2005	343.0	314.8	657.7	196.2	172.2	368.3	57.2%	54.7%	56.0%
2005	2006	352.8	318.7	643.5	195.7	173.0	368.7	55.5%	54.3%	57.3%
2006	2007	352.8	313.7	666.4	210.0	187.0	397.0	59.5%	59.6%	59.6%
2007	2008*	372.1	332.7	704.7	227.4	194.5	421.9	61.1%	58.5%	59.9%
2008	2009*	367.1	328.1	695.7	225.1	220.8	445.9	61.3%	67.3%	64.1%

Source: EMIS, Ministry of Education

* Provisional

Primary Schools Completion Rate (PCR)

There has been progress in retention rate with the primary completion rate increasing from **62.8 percent** in 2002 to **81.0 percent** in 2007 and marginally dropping to 79.5 percent in 2008. In 2008, there were fewer standard 8 graduates as compared to 2007. Nairobi and North Eastern provinces had the lowest PCR recording 55.4 percent and 36.5 percent respectively.

Primary schools completion rate, 2002 to 2008

PROVINCE	2002		2003		2004		2005		2006		2007		2008*	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Coast	54.0	36.6	59.5	40.2	69.2	47.3	73.7	50.0	80.2	53.2	88.0	58.8	87.9	58.4
Central	78.7	80.0	82.5	84.4	91.5	92.1	91.0	89.8	85.8	82.3	87.3	85.1	87.3	85.3
Eastern	65.8	65.2	73.2	71.3	83.5	79.1	85.4	78.5	83.2	75.9	88.3	80.0	88.1	80.2
Nairobi	37.4	40.1	39.3	42.5	43.3	46.6	46.4	50.8	48.5	52.4	53.7	57.2	53.1	56.4
Rift Valley	69.1	64.0	75.1	69.8	84.1	76.6	88.0	79.8	88.1	78.1	93.5	83.2	93.5	83.4
Western	65.3	60.3	72.2	66.9	84.5	75.5	85.9	74.9	85.7	75.0	92.9	81.6	92.8	81.5
Nyanza	73.6	59.3	80.2	63.7	88.0	69.8	89.3	69.7	86.7	68.0	89.9	72.0	89.4	72.1
North Eastern	28.5	11.3	32.7	14.2	39.0	14.8	39.1	15.4	42.7	15.7	49.9	21.7	50.1	22.5
TOTAL	65.5	60.1	71.3	65.2	80.3	72.1	82.4	72.8	81.6	71.1	86.5	75.7	85.1	75.3
GRAND TOTAL	62.8		68.2		76.2		77.6		76.3		81.0		79.5	

Source: EMIS School data returns

Primary Education Survival Rate to Standard 5

The survival rate increased over the period under review from 90.1 in 2003 to 91.6 in 2006 as shown in Table below. It however declined to 73.8 per cent in 2007. Provincial analysis reveals a disparity with Nairobi Province recording over 100 percent for both girls and boys and North Eastern Province registering an average of 64 percent.

Primary Survival Rate to Grade 5 by Gender and Province, 2003 -2007

Province	2003		2004		2005		2006		2007	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Coast	86.4	86.7	88	76.8	85.9	84	98	101.7	50.4	53.5
Central	95.6	100.1	91	87.4	90.7	92	93	97.5	79.6	88.9
Eastern	81.4	86.6	78.2	75.4	89.9	93	83.1	86.8	68.5	76.6
Nairobi	143.2	148.7	138.4	130.4	76.2	77.9	146	162.5	84.7	83.5
Rift Valley	82	86.3	78.5	74.6	83.2	85.5	84.9	89.6	69.3	77.8
Western	88.4	86.7	98.5	86.5	98.5	96	88.6	91.1	68.8	73.8
Nyanza	107	105.2	100.1	89.4	102.4	95.8	95.5	96.7	85.5	86.1
North Eastern	79.4	72	72.2	51.6	82.6	61.2	80.3	60.4	42.3	34.1
TOTAL	88.9	91.3	88	81.8	90.4	90.3	89.9	93.4	70.9	73.8
GRAND TOTAL	90.1		85		90.4		91.6		73.8	

Source: EMIS, Ministry of Education

Primary Schools Drop Out Rate

In 2003, the primary schools registered a dropout rate of 2.0 percent rising to 6.5 percent in 2004. However, the trend changed from 4.9 percent in 2005 to 3.5 percent in 2007. In 2008, 3.7 percent of the girls dropped out as compared to 3.2 percent for boys.

Table 3.9: Primary Schools Drop Out Rate by Gender and Province, 2003 - 2007

PROVINCE	2003			2004			2005			2006			2007*		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Coast	1.9	1.8	1.8	5.6	8.5	6.9	7.7	6.7	7.3	7.3	8.5	7.9	5.4	5.9	5.6
Central	1.0	0.8	0.9	5.2	3.9	4.5	3.5	3.2	3.4	4.6	2.2	3.4	2.2	1.6	1.9
Eastern	1.0	0.8	0.9	5.2	3.9	4.5	3.5	3.2	3.4	4.6	2.2	3.4	2.2	1.6	1.9
Nairobi	1.9	1.4	1.6	5.7	5.6	5.6	6.3	6.7	6.5	7.5	5.6	6.6	4.2	4.0	4.1
Rift Valley	2.3	2.2	2.2	6.5	7.2	6.9	4.7	4.3	4.5	6.0	5.2	5.6	3.5	3.6	3.6
Western	2.4	2.4	2.4	6.6	7.8	7.2	5.6	4.4	5.0	9.9	9.6	9.7	1.1	2.2	1.6
Nyanza	2.8	3.1	2.9	6.5	9.2	7.8	3.9	5.3	4.6	6.4	5.7	6.1	2.3	4.4	3.5
North Eastern	2.3	3.1	2.6	12.2	21.4	15.3	6.4	8.1	7.0	8.7	15.9	11.1	4.0	6.1	4.7
NATIONAL	2.1	2.0	2.0	6.1	6.9	6.5	5.0	4.9	4.9	6.8	5.9	6.4	3.2	3.7	3.5

Source: EMIS, MoE

3. SECONDARY EDUCATION

Secondary Enrolment

Student enrolment increased from 851,836 in 2002 to 1,180,267 in 2007, an increase of 38.6 percent. In 2008, the Government introduced Free Secondary Education Tuition, with enrolment increasing substantially by 15.0 percent to reach 1,382,211.

Secondary Enrolment by Gender and Province, 2002- 2008

PROVINCE	2002		2003		2004		2005		2006		2007		2008	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Coast	23,352	18,548	27,235	22,121	31,982	24,724	25,257	23,034	31,791	26,682	35,882	29,422	38,078	29,964
Central	90,812	96,286	82,338	88,929	91,954	95,468	89,409	91,669	101,449	102,693	112,280	110,964	128,376	131,641
Eastern	74,166	70,953	84,706	82,181	90,299	86,262	87,730	84,948	93,696	89,822	113,904	100,133	124,118	119,844
Nairobi	20,184	15,238	11,409	8,803	19,824	13,659	15,935	12,524	16,851	12,843	26,755	22,973	33,602	25,273
Rift Valley	101,236	83,816	104,689	91,288	112,351	94,724	110,615	93,998	132,143	111,005	14,449	121,856	174,366	140,919
Western	51,229	51,001	53,559	55,949	60,980	58,208	62,626	54,677	61,662	58,676	78,377	67,320	98,023	84,981
Nyanza	86,873	63,057	83,319	72,351	84,723	63,274	97,201	72,443	102,702	80,280	121,247	85,747	141,762	99,386
North Eastern	3,510	1,575	10,872	1,579	3,977	1,657	4,287	1,797	5,778	2,007	6,539	2,458	8,188	3,691
Total	451,362	400,474	458,127	423,201	496,090	437,976	493,060	435,089	546,072	484,008	639,393	540,874	746,513	635,698
TOTAL	851,836		881,328		934,068		928,149		1,030,080		1,180,267		1,382,211	

Source: EMIS, MoE

The table below shows that enrolment in public secondary schools grew from 841, 608 students in 2004 to 1,211,114 in 2008, an increase of 43.9 percent. In 2008, the boys enrolment was 654,106 boys enrolled as compared to girls, 557,008. The introduction Free secondary day tuition resulted in higher increase in enrolment in public schools by 18.0 percent in 2008 as compared to 13.7 percent in 2007. Similarly, the enrolment in private secondary schools rose from 83,733 students in 2004 to 171,097 students in 2008.

Public Secondary Schools Enrolment by Province, 2004- 2008

PROVINCE	2004			2005			2006			2007			2008		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Coast	25,943	19,636	45,578	20,045	18,298	38,343	24,677	20,058	44,735	28,564	23,422	51,986	29,925	23,273	53,198
Central	85,769	91,337	177,106	83,358	87,434	170,792	93,273	95,878	189,151	100,728	99,547	200,275	115,504	118,910	234,414
Eastern	80,577	78,973	159,551	79,468	78,444	157,912	82,543	80,601	163,144	103,115	90,649	193,764	112,097	109,268	221,365
Nairobi	15,304	8,494	23,798	13,217	9,332	22,549	12,768	8,599	21,367	11,597	9,958	21,555	16,713	10,760	27,473
Rift Valley	94,660	83,139	177,798	94,805	82,998	177,803	109,092	94,187	203,279	118,763	100,215	218,978	145,791	116,787	262,578
Western	59,005	56,760	115,764	61,135	53,650	114,785	58,658	52,570	111,228	75,758	65,070	140,827	95,104	82,472	177,576
Nyanza	78,578	58,069	136,648	90,575	66,887	157,461	92,153	70,932	163,085	112,022	79,223	191,245	131,483	92,111	223,594
North Eastern	3,827	1,538	5,365	4,187	1,711	5,898	5,354	1,704	7,058	5,912	2,222	8,134	7,489	3,428	10,917
Total	443,663	397,946	841,608	446,791	398,753	845,544	478,518	424,528	903,046	556,459	470,306	1,026,764	654,106	557,008	1,211,114

Source: EMIS Unit, MoE

Private Secondary Schools Enrolment by Province, 2004- 2008

PROVINCE	2004			2005			2006			2007			2008			Total
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	
Coast	5,212	4,736	9,948	5,241	5,240	10,481	7,114	6,624	13,738	7,318	6,000	13,318	8,153	6,691	14,844	
Central	6,050	4,235	10,286	6,079	4,739	10,819	8,176	6,815	14,991	11,552	11,417	22,969	12,872	12,731	25,603	
Eastern	8,262	6,504	14,765	8,311	7,368	15,679	11,153	9,221	20,374	10,789	9,484	20,273	12,021	10,576	22,597	
Nairobi	2,718	3,192	5,910	2,722	3,264	5,986	4,083	4,244	8,327	15,158	13,015	28,173	16,889	14,513	31,402	
Rift Valley	16,560	11,240	27,800	16,630	12,464	29,094	23,051	16,818	39,870	25,646	21,641	47,287	28,575	24,132	52,707	
Western	1,575	1,081	2,656	1,608	1,657	3,265	3,004	6,106	9,109	2,620	2,250	4,870	2,919	2,509	5,428	
Nyanza	6,626	5,556	12,182	6,675	6,420	13,096	10,548	9,349	19,897	9,225	6,524	15,749	10,279	7,275	17,554	
North Eastern	100	86	186	100	86	186	424	303	728	627	236	864	699	263	962	
Total	47,103	36,630	83,733	47,366	41,239	88,605	67,554	59,480	127,034	82,935	70,568	153,503	92,407	78,690	171,097	

Source: EMIS Unit, MoE

Secondary Gross Enrolment rate

- The secondary enrolment rate has increased from **29.7 percent** in 2002 to **42.5 percent** in 2008.
- **Secondary GER by Gender and Province, 2002- 2007**

PROVINCE	2002		2003		2004		2005		2006		2007		2008	
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
Coast	19.9	15.6	22.7	18.3	26.7	19.5	20.6	18.3	25.9	20.7	29.2	22.7	31.2	25.7
Central	47.0	50.6	42.4	46.4	44.8	45.1	42.6	42.8	48.3	47.6	53.3	51.3	57.2	57.6
Eastern	29.3	28.7	33.2	32.9	35.2	33.5	33.8	32.3	36.0	33.7	43.6	37.5	44.1	38.3
Nairobi	29.8	15.7	16.4	8.7	30.3	19.0	23.8	17.2	25.2	17.5	39.9	31.3	40.2	32.3
Rift Valley	27.3	22.8	27.6	24.3	29.9	24.5	29.0	24.2	34.3	28.1	37.4	30.8	39.5	32.5
Western	27.6	27.3	28.3	29.5	31.9	29.0	32.2	27.1	31.5	28.6	40.0	32.8	41.3	35.6
Nyanza	34.2	25.2	32.4	28.6	31.9	23.1	35.8	26.3	37.7	28.7	44.4	30.6	47.6	32.7
North Eastern	4.8	2.7	14.0	2.6	6.1	3.0	6.4	3.2	8.6	3.6	9.7	4.4	10.2	6.4
TOTAL	29.8	26.4	29.7	27.4	32.1	27.6	31.3	27.2	34.6	29.9	40.4	33.3	46.3	38.8
GRAND TOTAL	29.7		28.5		29.8		29.3		32.2		36.8		42.5	

Secondary Schools Gross Enrolment Rate(GER), 1999-2008

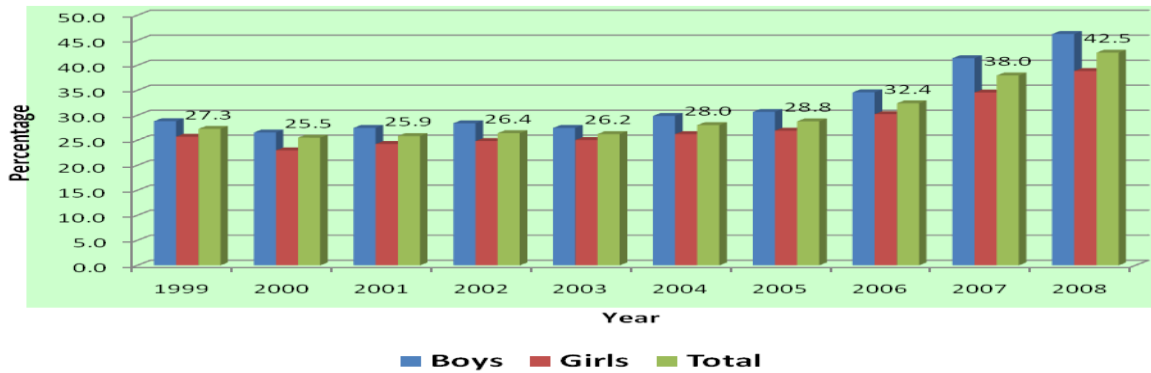
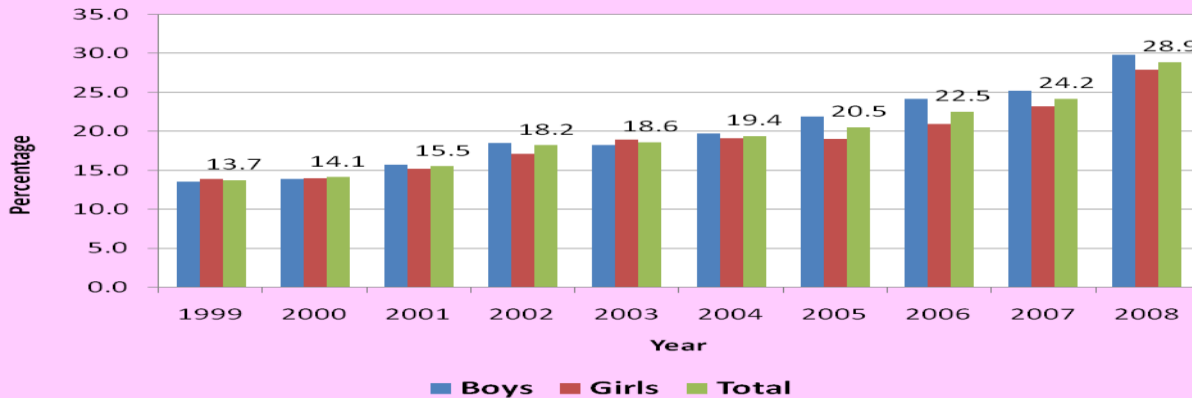


Figure 3.4: Secondary Schools Net Enrolment Rate(NER), 1999-2008



Transition rate from Secondary to Tertiary Institutions

Since 2002 the number of Form 4 candidates has grown by from 198,356 to 276,192 in 2007. The transition rate to public universities based on admission intake has risen from 5.6 percent in 2002 to 7.0 percent in 2007.

Table 4.7: Secondary to Tertiary/University Transition Rates, 2002/03-2007/08

KCSE Year	2002		2003		2004		2005		2006		2007	
Admission Year	2003/04		2004/05		2005/06		2006/07		2007/08		2008/09	
Category	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%
Candidates Registered	198,356	100	207,730	100	222,676	100	260,665	100	243,319	100	276,192	100
No. qualified for admission (C+ and above)	42,158	21.6	49,870	24.0	58,240	26.2	68,040	26.1	62,926	25.9	74,282	27
Candidates Admitted to public universities	11,046	5.6	11,000	5.3	11,000	4.9	16,000	6.1	17,000	7	-	
Admission to TIVET			22,707	11.4	23,505	11.3	23,722	10.7	25,505	9.8	28,400	11.7
Teacher Training Colleges			9423	4.8	9,898	4.8	9,886	4.4	10,240	3.9	9,312	3.8
Total Admission to Tertiary and University institutions			43,130	21.7	44,403	21.4	49,608	22.3	52,745	20.2	37,712	15.5

Source: EMIS, Ministry of Education

4.0 SPECIAL NEEDS EDUCATION

Number of Special Institutions

There were **926** SNE institutions in 2002, which increased to **1,574** in 2008. Most of these institutions are units integrated in to the normal primary schools.

Number of Special Needs Education Institutions by Category, 2002-2008

Category	2002	2003	2008
Primary Special Schools	94	97	109
Units/Integrated	726	1,100	1340
Secondary Special Schools	7	7	7
Vocational/Technical	5	5	5
Diploma Colleges	1	1	1
Universities (Integrated)	2	2	2
Primary Teachers Colleges	2	3	3
Total	926	1,304	1,579

Source: Special Education Section, MoE

Number of Special Needs Institutions by Province and Specialty, 2008

Province	TYPES OF DISABILITY				Total
	Mentally Impaired	Physically Impaired	Visually Impaired	Hearing Impairment	
CENTRAL	04	03	02	08	17
COAST	04	02	01	05	12
EASTERN	07	01	02	05	15
NAIROBI	09	-	-	01	10
N.EASTERN	01	01	-	02	04
NYANZA	07	02	03	08	20
R.VALLEY	05	-	-	08	13
WESTERN	07	03	-	09	19
Total	44	12	08	45	109

Source: Special Education Section, MoE

Special Needs Enrolment

The enrolment of special needs pupils at various levels of education has increased from 84,650 in 2002 to 221,995 in 2008.

Enrolment in Special Needs Education Institutions by Category, 2002-2008

Category	2002			2003			2007			2008*		
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Special Primary	7,290	5,221	12,511	7,863	5,545	13,303	19,562	15,649	35,211	20,654	16,548	37,202
Special	3,608	256	3,864	3,822	294	3,984	5,571	4,457	10,028	5,654	5,015	10,669
Special Tech/Voc	642	527	1,169	757	611	1,362	1,468	1,182	2,650	1,524	1,521	3,045
Primary	27,829	39,277	67,106	31,276	41,601	73,121	66,614	93,258	159,872	77,734	93,345	171,079
Total	39,369	45,281	84,650	43,718	48,052	91,770	51,496	63,114	207,761	105,566	116,429	221,995

Source: Special Education Section, MoE.

5. NON-FORMAL EDUCATION

Number and Enrolment of NFE Institutions

The enrolment in NFE increased from 99,979 in 2003 to 143,409 pupils in 2008, an increase of 43.4 percent. Nairobi recorded the highest enrolment at 111,795, with most of the schools established in the slum areas. Non Formal Education institutions are of two types; Non Formal Schools that offer primary education curriculum and Non Formal centers that use NFE curriculum.

Number of Non-Formal Education Institutions and Enrolment by Province, 2003-2008

Province	Institutions No.	2003			2007			2008		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
Coast	251	4,198	3,544	7,742	4,985	5,405	10,390	5,020	5463	10,483
Central	83	582	422	1,004	643	896	1539	720	950	1,670
Eastern	101	443	397	840	789	758	1547	834	765	1,599
Nairobi	640	40,518	36,790	77,308	46,830	44,167	90,997	52,345	59450	111,795
Rift Valley	79	1,615	1,680	3,295	1,642	2,804	4,446	1,723	3,120	4,843
Western	18	1,308	547	1,855	875	1,298	2,173	920	1,287	2,207
Nyanza	133	2,195	1,886	4,081	2,405	2,907	5,312	2,542	3,010	5,552
North Eastern	90	2,489	1,365	3,854	1,661	3,320	4,981	1,720	3,540	5,260
Totals	1,395	53,348	46,631	99,979	59,830	58,555	121,385	65,824	77,585	143,409

Source: EMIS, Ministry of Education

6. ADULT EDUCATION

Adult Literacy Rate

The Kenya National Adult Literacy Survey (KNALS 2007) indicated that 61.5 percent of adult population attained minimum literacy level. Only 29.6% of Kenyan adult population has attained desired mastery literacy competency. Close to 29.9% of the youth aged 15 to 19 years and 49% of adult aged 45 to 49 years are illiterate. According to this survey, high regional and gender disparities in literacy attainment are depicted.

Adult Education Centres Enrolment

The total number of adult learners in adult education centers increased from 114,865 in 2002 to 189,005 in 2008 an increase of 64.5 percent

Adult Learners' Enrolment by Province by Gender 2002-2008

Province	2002		2003		2004		2005		2006		2007		2008	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Nairobi	414	771	313	402	715	742	389	358	2,502	2,388	2,627	2,165	3,930	3,229
Central	2,894	11,029	2,191	11,311	2,310	8,209	3,349	6,624	2,782	7,154	2,921	6,816	4,370	10,166
Coast	4,961	9,558	3,752	10,052	3,781	2,052	4,796	13,048	4,290	11,032	4,505	10,510	6,740	15,675
Eastern	5,788	14,469	4,383	11,152	4,411	12,250	5,642	19,403	7,490	19,261	7,865	18,351	11,766	27,370
N/Eastern	3,307	5,147	2,504	5,399	2,836	5,489	3,365	6,515	1,824	4,691	1,976	4,409	2,956	6,576
Nyanza	8,681	10,969	6,534	11,569	5,357	24,660	6,520	13,305	5,071	13,041	5,325	12,425	7,966	18,532
Rift Valley	9,922	14,425	7,559	15,425	8,005	15,602	9,888	17,458	9,545	24,546	10,025	23,384	14,998	34,877
Western	5,374	7,156	4,069	11,816	4,097	9,407	4,973	10,483	3,834	9,860	4,026	9,394	6,023	14,011
Total	41,341	73,524	31,305	77,126	31,512	78,411	38,902	87,422	37,338	91,973	39,270	87,454	58,750	130,435
Grand Total	114,865		108,431		109,923		126,324		129,311		126,724		189,005	

Source: Directorate of Adult Education

7. TEACHER MANAGEMENT

Pupil Teacher Ratio

There has been a general increase in the PTR at both national and provincial levels with the national PTR increasing from 34:1 in 2002 to 44:1 in 2007 and 45.0 in 2008. North Eastern province is recording the highest PTR of 62:1 in 2008 while Eastern and Central province records the lowest PTR of 39:1.

Public Primary Schools Pupil Teacher Ratio(PTR) by Provinces, 2002-2008

Province	2002	2003	2004	2005	2006	2007	2008
Coast	35	44	49	51	51	53	55
Central	33	36	37	38	39	39	42
Eastern	32	35	37	38	38	39	43
Nairobi	35	48	49	47	48	47	48
Rift Valley	33	37	38	40	41	43	43
Western	40	46	48	50	51	53	53
Nyanza	34	42	40	43	43	45	45
North Eastern	38	50	46	56	57	62	62
Total	34	39	40	42	43	44	45

Source: EMIS, TSC

2008 Primary Schools Scenario in Pupil Teacher ratio

Province	75th percentile	Median PTR	No. Of schools with PTR > P50	No. Of schools with PTR >
Coast	62.57	50.93	549	275
Central	47.51	40.34	887	444
Eastern	47.33	37.67	2073	1045
Nairobi	52.42	44.88	91	46
Rift Valley	52.75	41	2518	1253
Western	63.2	52.6	975	487
Nyanza	57.23	44.87	1740	870
North Eastern	85.5	65.76	143	74
Total			8 976	4 494

Source: EMIS, TSC

7. TERTIARY EDUCATION

Enrolment in Primary Teachers Training Colleges

There are 21 public and 11 private teachers training college offering primary teacher education certificate and 3 diploma public teacher training colleges The enrolment in teacher training colleges has remained steady of the years. In 2004, the enrolment stood at 22,171 rising to 22,908 in 2007 followed by a slight drop to 22,228 students.

Teacher Trainees Enrolment by Gender and Type, 2004- 2008

Type Of Institution	2004		2005		2006		2007		2008*	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
Public Primary Teachers (P 1)	8,380	9,238	8,540	8,864	8,790	8,923	8,822	9,024	8,735	8,310
Private Primary Teachers (P 1)	1,117	1,213	1,340	1,456	1,474	1,586	1,524	1,599	1,672	1,702
Public Diploma Teachers	1,257	966	1,189	946	1,004	843	1,082	857	1,015	794
TOTAL	10,754	11,417	11,069	11,266	11,268	11,352	11,428	11,480	11,422	10,806
GRAND TOTAL	22,171		22,335		22,620		22,908		22,228	

Source: EMIS, Ministry of Education

Technical Industrial Vocational and Entrepreneurship Training (TIVET)

The enrolment in TIVET has risen from 62,439 students in 2003 to 82,500 in 2008, an increase of 32.1 percent. The national polytechnics have an enrolment of 13,822 male and 9,098 female student population while Youth polytechnics are 7,171 male and 13,255 female.

Student Enrolment by Gender in Technical Institutions, 2003 - 2008

INSTITUTION	2003		2004		2005		2006*		2007		2008	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
National Polytechnics	12,845	7,358	11,963	7,163	12,629	7,619	12,914	7,581	13,189	8,095	13,822	9,098
Technical Training Institutes	7,436	5,648	9,653	8,350	9,846	8,684	9,925	8,731	10,818	9,517	12,132	9,876
Institutes of Technology	4,799	3,927	4,715	3,755	4,904	3,943	4,961	4,104	5,407	4,473	5,807	4,768
Youth Polytechnics	7,171	13,255	8,605	13,918	8,691	14,196	8,741	14,210	9,528	15,489	12,154	17,543
TOTAL	32,251	30,188	34,936	33,186	36,070	34,442	36,541	34,626	38,942	37,574	43,915	41,285
GRAND TOTAL	62,439		68,122		70,512		71,167		76,516		82,500	

Source: Economic Survey, 2009

8.0 UNIVERSITY EDUCATION

Enrolment

There are 7 public universities and 23 private universities in Kenya. University enrolment has steadily risen from 10,050 in 2004/05 to 122,847 in 2007/2008, an increase of 34.3 percent.

Universities enrolment by Type, 2004/05-2008/2009

INSTITUTION	2004/2005			2005/2006			2006/2007			2007/2008			2008/2009		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total			
Public Universities	53,394	28,097	81,491	53,737	27,940	81,677	56,517	34,820	91,337	60,504	36,603	97,107	62,753	37,896	100,648
Private Accredited	3,796	4,546	8,342	4,215	4,624	8,839	8,975	6,973	15,948	9,688	10,469	20,157	10,172	10,992	21,165
Private Unaccredited	801	907	1,708	853	947	1,800	2,853	2,091	4,944	583	392	975	618	416	1,034
TOTAL	57,990	33,551	91,541	58,805	33,511	92,316	68,345	43,884	112,229	70,775	47,464	118,239	73,543	49,304	122,847

Source: EMIS, MoE

9. Education Budget and Expenditure

Education Budget Proportions

Analysis of Ministry's Total Expenditure, 2003/04 - 2008/09 (KShs. Million)

Category	2003/04	2004/05	2005/06	2006/07	2007/08	2008/2009*
MOE Recurrent	68,215.50	77,219.00	84,420.50	93,114.44	95,818.12	106,062.3
MOE Development	4,076.50	2,863.80	6,293.66	7,735.62	8,868.27	10,068.6
Total MOE Recurrent & Development	72,292.00	80,082.80	90,714.16	100,850.06	104,686.39	116,130.9
Gross Domestic Product	1,136,288.00	1,282,505.00	1,415,156.00	1,561,527.25	1,814,243.00	2,099,798.00
Total GOK Recurrent*	203,861.00	227,082.50	267,966.80	293,882.57	337,763.99	565,495.86
Total GOK Development	59,670.60	71,982.90	92,120.90	142,422.19	201,650.82	207,509.67
Total GOK	263,531.60	299,065.40	360,087.70	421,037.96	421,037.96	773,005.53
Total MOE as % of GDP	6.36%	6.24%	6.55%	6.35%	6.5%	5.5%
Total MOE as % of GOK total expenditure	27.43%	26.78%	25.75%	23.55%	27.16%	15.02%
Total MOE recurrent as % of GOK total recurrent	33.46%	34.00%	32.20%	31.68%	31.51%	18.76%
MOE development as % of GOK development	6.83%	3.98%	7.00%	4.24%	3.92%	4.85%
MOE recurrent as % of Total MOE Expenditure	94.36%	96.42%	93.04%	93.91%	93.08%	91.33%
MOE development as % of Total MOE expenditure	5.64%	3.58%	6.96%	6.09%	6.92%	8.67%

Source: MPER, MoE, 2008/2009 Budget estimates and Economic Survey, 2009

* MoE expenditure does not represent the total GOK expenditure in education (total education expenditure will require to add MoHEST, MoYS expenditure)