

The United Republic of Tanzania



President's Office

Regional Administration and Local Government

**Pre-Primary, Primary, Secondary, Adult and Non-Formal
Education Statistics in Brief**

2017

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Abbreviations

ACSEE	=	Advanced Certificate of Secondary Education Examination
COBET	=	Complementary Basic Education in Tanzania
CSEE	=	Certificate of Secondary Education Examination
DR	=	Dropout Rate
EMSM	=	Elimu ya Mafunzo ya Stadi za Maisha
Enrl	=	Enrolment
F	=	Female
GCR	=	Gross Completion Rate
GER	=	Gross Enrolment Ratio
GIR	=	Gross Intake Ratio
Govt	=	Government
GPI	=	Gender Parity Index
ICBAE	=	Integrated Community Based Adult Education
KCK	=	Kisomo Cha Kujiendeleza
KCM	=	Kisomo Chenye Manufaa
KKK	=	Kusoma, Kuandika na Kuhesabu
M	=	Male
MDGs	=	Millennium Development Goals
NCR	=	Net Completion Rate

N/A	= Not Available/Applicable
NER	= Net Enrolment Ratio
NIR	= Net Intake Ratio
No	= Number
Non-Govt	= Non-Government
%	= Percent
PCR	= Pupil Classroom Ratio
PhD	= Doctor of Philosophy
PLR	= Pupils Pit Latrine Ratio
PR	= Promotion Rate
PSLE	= Primary School Leaving Examination
PQTR	= Pupil Qualified Teacher Ratio
RR	= Repetition Rate
Sem	= Seminary
Std	= Standard
SU	= Shughuli za Uzalishaji Mali
T	= Total
UST	= Ufundi Stadi
<	= Less-than
>	= Greater-than

Preface

The President's Office-Regional Administration and Local Government (PO-RALG) manages Pre-Primary, Primary, Secondary, Adult and Non-Formal Education in Tanzania Mainland with the duty of ensuring that all schools are well managed and provide quality education. This requires adequate and equitable of teachers, physical facilities and school materials. To do this we need to have education management information especially up to date education data that will enable us assess school needs and monitor performance. The data will also enable us and education stakeholders to carry out education planning and research necessary for improving the education system.

In order to have adequate education data, PO-RALG effective from 2013, embarked on annual preparation of statistics booklet containing pre-primary, primary, secondary and adult and non formal education. This will enable us monitor regional and council differentials in performance and inputs and hence take appropriate measures to harmonize and improve them. Most data is collected directly from schools while the rest is obtained from other relevant institutions such as The National Examinations Council of Tanzania and The National Bureau of Statistics.

The booklets have information on student enrolment, teachers, education facilities and examination results. PO-RALG believes that these booklets will be useful to all stakeholders who have interest in the development of our education system.

PO-RALG acknowledges the stakeholders from Government Institutions, Private Sectors and Development Partners for their contributions made for this publication. The special acknowledgement is given to Ministry of Education, Science and Technology (MOEST), National Bureau of Statistics (NBS), National Examinations Council of Tanzania (NECTA) and UNESCO for their assistance and cooperation.

For further improvement of this booklet, the PO-RALG welcomes views from our data users and all education stakeholders so as to further enrich this publication. This publication can also be obtained from the PO-RALG website <http://www.tamisemi.go.tz>.



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Permanent Secretary

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Dodoma, Tanzania

October, 2017

System and Structure of Education and Training

The Education and Training Policy of 1995 stipulated the structure of the formal education and training system in Tanzania as 2 – 7 – 4 – 2 - 3+, that is; 2 years of pre-primary education (year 1 and 2); 7 years of primary education (Standard I-VII); 4 years of secondary ordinary level education (Form 1- 4); 2 years of secondary advanced level education (Form 5 and 6) and 3 or more years of higher education.

However, according to the Education and Training Policy of 2014 the structure of the formal education and training system in Tanzania is 1 – 10 – 2 - 3+, that is; 1 year of compulsory pre-primary education; 10 years of compulsory Basic education (6 years Standard I-VI and 4 years of lower secondary); 2 years of secondary advanced level education (Form 5 and 6) and 3 or more years of higher education. The official school attending age is 5 year for pre-primary, 6 – 15 years for basic education, 16-17 years for upper secondary and 18 – 21 years for higher education.

Methodology

Data presented in this publication is that of education levels and categories under the jurisdiction of MoEST & its institutions and PO-RALG. These include pre-primary, primary, secondary, teacher education, adult and non-formal education, technical and vocational education and higher education. Education data is collected through annual census of education institutions using questionnaires designed specifically for the purpose. Data on Pre-Primary, Primary, Secondary and Adult & Non formal education are collected through questionnaires sent to schools/centres to be filled from school/centre records and returned to councils for data entry and processing. Data on Technical, Vocational and higher education is collected directly from the respective Institutions. Data on Population is obtained from the National Bureau of Statistics (NBS) while that on examinations is obtained from the National Examination Council of Tanzania (NECTA).

In order to meet publication deadline, specific reference dates have been set. The reference date for data collection data from Higher education and Technical and Vocational Training institutions is 15th February of every year. The reference date for data collection in Pre-Primary, Primary, Adult and Non-Formal and Secondary is 31st March of every year.

Glossary

1 Completion Rate (CR)

Number of pupils/students enrolled in a final grade of a given level of education expressed as percentage of school-age population of that grade.

2 Dropout Rate (DR)

Proportion of pupils/students enrolled in a given grade in given school year who are no longer enrolled in the following school year.

3 Gender Parity Index (GPI)

Ratio of females to males, that is the number of females divided by males.

4 Gross Enrolment Ratio (GER)

Total number of pupils/students enrolled in a given level of education expressed as a percentage of the corresponding school-age population.

5 Gross Intake Rate (GIR)

Total number of new entrants in the first grade of pre-primary or primary education expressed as a percentage of the official school-entrance age population.

6 Net Enrolment Ratio (NER)

School age pupils/students enrolled in a given level of education expressed as a percentage of corresponding school-age population.

7 Net Intake Ratio (NIR)

Total number of new entrants in the first grade of pre-primary or primary education with official school-entrance age expressed as a percentage of the official school-entrance age population.

8 Pass Rate (PR)

Number of pupils/students who passed an exam expressed as percentage of total candidates who sat for the examination.

9 Percentage of Female Students

Number of female pupils/students expressed as percentage of total number of pupils/students.

10 Percentage of New Entrants into Primary Schools with Pre-Primary Education

New entrants into primary schools who have attended pre-primary education expressed as percentage of all new entrants. New entrants in the first grade of pre-primary or primary education who are of official school-entrance age expressed as a percentage of the official school entrance age population.

11 Promotion Rate (PR)

Proportion of pupils enrolled in a given grade in a given school year who are in the following grade in the next school year.

12 Pupil/Student Book Ratio (PBR)

Average number of pupils/students per book.

13 Pupil/Student Qualified Teacher Ratio (PQTR)

Average number of pupils/students per qualified teacher in a given level of education.

14 Pupil/Student Teacher Ratio (PTR)

Average number of pupils/students per teacher in a given level of education.

15 Repetition Rate (RR)

Proportion of pupils enrolled in a given grade in a given school year who are in the same grade in the following school year.

16 Share of Government Budget on Education Sub-Sectors as Percentage of Total Government Budget on Education Sector

Budget of education sub-sectors expressed as percentage of total government budget in the education sector.

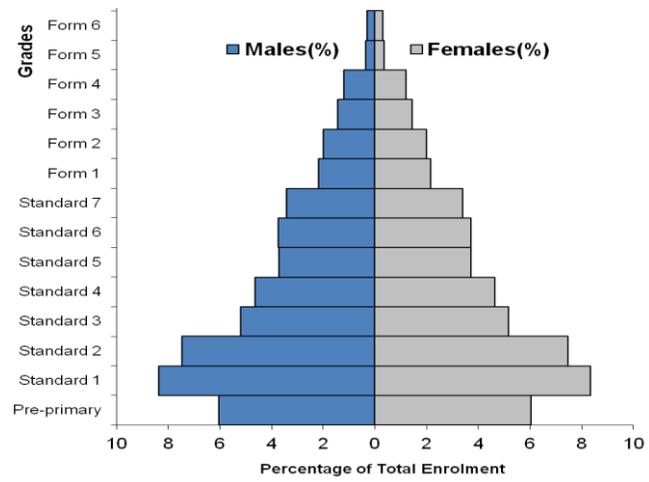
17 Teacher Attrition Rate

Proportion of teachers who leave the teaching career in a given year.

18 Transition Rate (TR)

Number of pupils/students admitted to the first grade of a higher level of education in a given year expressed as a percentage of the number of pupils/students enrolled in the final grade of the lower level of education in the previous year.

Enrolment of Learners in Basic Education Sub-Sectors by Grades, 2017



Summary Table of Statistics in Basic Education Sub-sectors, 2017

Level of Education	Ownership	Enrolment			Teaching Staff			No. of Schools/ Streams
		Male	Female	Total	Male	Female	Total	
Pre - Primary	Government	724,300	712,022	1,436,322	3,017	6,028	9,045	16,004
	Non-Government	41,596	39,752	81,348	510	3,758	4,268	1,234
	Total	765,896	751,774	1,517,670	3,527	9,786	13,313	17,238
Primary	Government	4,453,570	4,515,540	8,969,110	85,908	93,383	179,291	16,140
	Non-Government	175,645	173,036	348,681	10,479	7,793	18,272	1,217
	Total	4,629,215	4,688,576	9,317,791	96,387	101,176	197,563	17,357
Secondary (FORM 1 - 6)	Government	781,077	784,124	1,565,201	55,333	34,142	89,475	3,604
	Non-Government	166,330	177,326	343,656	16,374	4,314	20,688	1,192
	Total	947,407	961,450	1,908,857	71,707	38,456	110,163	4,796
Secondary (FORM 1 - 4)	Government	723,639	744,319	1,467,958				3,553
	Non-Government	140,079	159,853	299,932				1,179
	Total	863,718	904,172	1,767,890				4,732

Summary Table of Statistics in Basic Education Sub-sectors, 2017

Level of Education	Ownership	Enrolment			Teaching Staff			No. of Schools/Streams
		Male	Female	Total	Male	Female	Total	
Secondary (FORM 5 - 6)	Government	57 438	39 805	97 243				331
	Non-Government	26 251	17 473	43 724				335
	Total	83 689	57 278	140 967				666
Non Formal Education-COBET	Government	37 987	27 475	65 462	1 459	965	2 424	
	Non-Government	296	231	527	12	20	32	
	Total	38 283	27 706	65 989	1 471	985	2 456	
Adult Education-ICBAE	Government	94 956	117 783	212 739	3 399	2 085	5 484	
	Non-Government	1 924	2 425	4 349	67	51	118	
	Total	96 880	120 208	217 088	3 466	2 136	5 602	
Non Formal Education-IPPE	Government	8 495	5 454	13 949	283	134	417	
	Non-Government	313	300	613	42	19	61	
	Total	8 808	5 754	14 562	325	153	478	
Adult Education-ODL	Government	2 112	2 932	5 044	897	333	1 230	
	Non-Government	742	1 266	2 008	141	38	179	
	Total	2 854	4 198	7 052	1 038	371	1 409	

1.0 PRE-PRIMARY EDUCATION

Pre-Primary Education is a formal school system for children aged 5 years. Pre-Primary Education cycle lasts for 1 years with no examinations for promotion purpose.

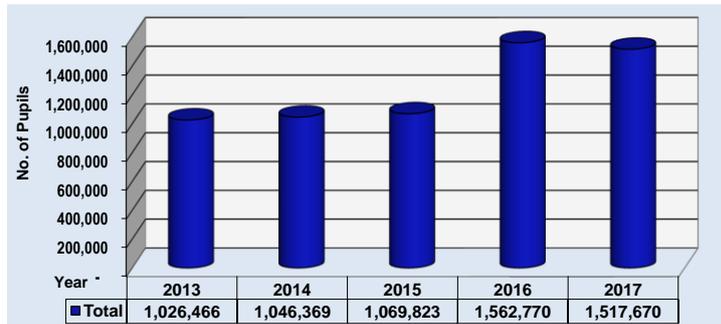
Pre-Primary Education

Table 1.1: Total Enrolment in Government and Non-Government Schools/Streams by Sex, 2013-2017

School Ownership	2013		2014		2015		2016		2017	
	Female	TOTAL								
Grand Total	513,668	1,026,466	523,523	1,046,369	534,788	1,069,823	775,027	1,562,770	751,774	1,517,670
Government	485,963	969,683	497,224	992,356	507,411	1,015,030	738,323	1,488,439	712,022	1,436,322
Non-Government	27,705	56,783	26,299	54,013	27,377	54,793	36,704	74,331	39,752	81,348

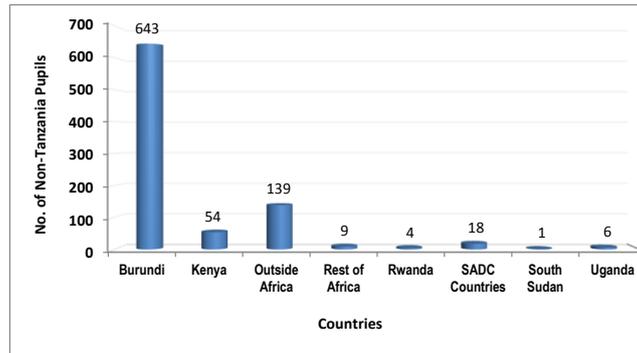
Pre-Primary Education

Chart 1.1: Total Enrolment in Government and Non-Government Schools/Streams, 2013-2017



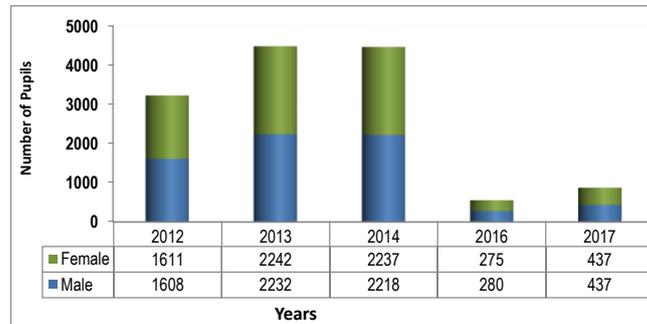
Pre-Primary Education

Chart 1.2: Enrolment of Non-Tanzanian Pupils by Citizenship, 2017



Pre-Primary Education

Chart 1.3: Trend in Enrolment of Non-Tanzanian Pupils by Sex, 2012-2014 and 2016-2017



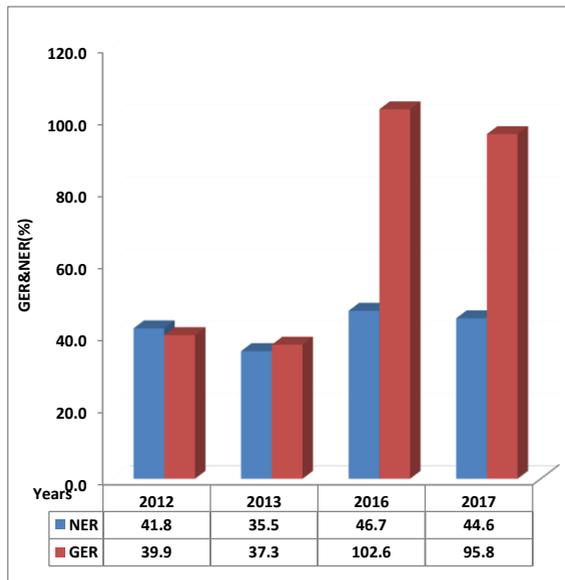
Pre-Primary Education

**Table 1.2: Gross and Net Enrolment Rates (GER and NER) Trend 2012-2013
and 2016-2017**

Year	Enrolment of 5-6 years	Total Enrolment	Population 5-6 Years	NER	GER
2012	986,945	1,034,729	2,472,530	41.8	39.9
2013	977,533	1,026,466	2,755,525	35.5	37.3
	Enrolment of 5 years		Population 5 years		
2016	710,556	1,562,770	1,522,519	46.7	102.6
2017	706,597	1,517,670	1,584,846	44.6	95.8

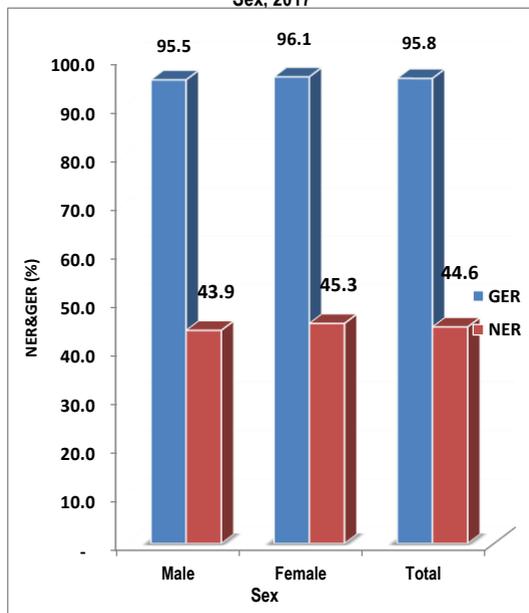
Pre-Primary Education

Chart 1.4: Gross and Net Enrolment Rates (GER and NER) Trend 2012-2013 and 2016-2017



Pre-Primary Education

Chart.1.5: Gross and Net Enrolment Rates (GER and NER) by Sex, 2017



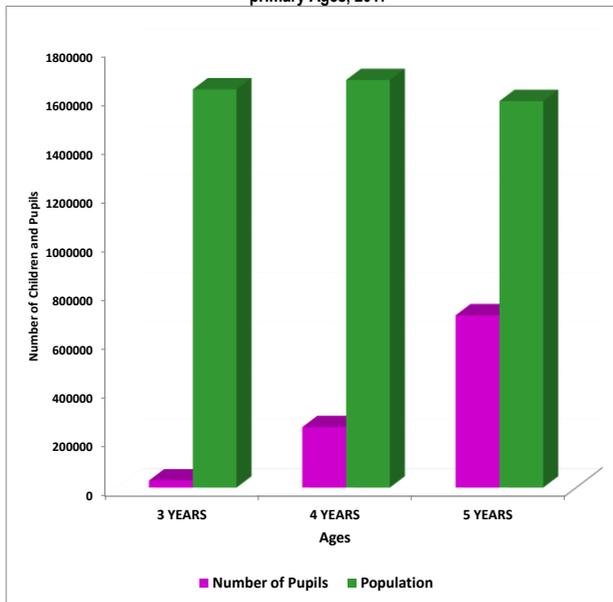
Pre-Primary Education

Table 1.3: Number of Pupils in Pre-primary Education and Population with Pre-primary Ages, 2017

Items	3 YEARS		4 YEARS		5 YEARS	
	F	T	F	T	F	T
No. of Pupils	14,971	28,812	127,176	248,018	354,494	706,597
Population	816,992	1,633,053	836,620	1,671,377	782,515	1,584,846
% of Enrolment to Population	1.8	1.8	15.2	14.8	45.3	44.6

Pre-Primary Education

Chart 1.6: Number of Pupils in Pre-primary Education and Population with Pre-primary Ages, 2017



Pre-Primary Education

Table 1.4: Number of Pupils with Disabilities in Government and Non-Government Schools/Streams by Type of Disability and Sex, 2017

Ownership	Albino		Autism		Deaf/ Mute		Deaf-Blind		Intellectual Impairment		Physical Impairment		Poor Vision		Visual Impairment	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Government	177	174	113	83	214	160	128	82	547	393	581	374	165	111	67	58
Non-Government	49	39	6	5	18	11	12	10	14	10	48	34	19	9	2	0
Grand Total	226	213	119	88	232	171	140	92	561	403	629	408	184	120	69	58

Pre-Primary Education

Table 1.5: Number of Orphan Pupils in Government and Non-Government Schools/Streams by Type and Sex, 2017

Ownership	Death of Both Parents			Death of One Parent			Grand Total			% of Total Enrolment
	M	F	T	M	F	T	M	F	T	
Government	12,071	12,303	24,374	33,466	31,448	64,914	45,537	43,751	89,288	6.2
Non-Government	493	456	949	1,056	928	1,984	1,549	1,384	2,933	3.6
Grand Total	12,564	12,759	25,323	34,522	32,376	66,898	47,086	45,135	92,221	6.1
% of Total Orphans	27.5			72.5			100.0			

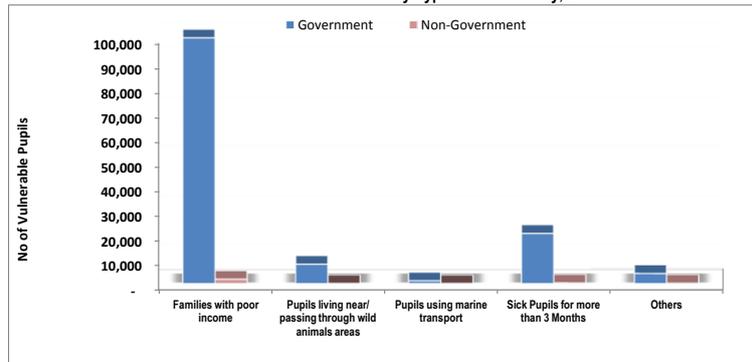
Pre-Primary Education

Table 1.6: Number of Pupils Living in Vulnerable Environment in Enrolled in Government and Non-Government Schools/ Streams by Type of Vulnerability and Sex, 2017

Ownership	Families with poor income		Pupils living near/ passing through wild animals areas		Pupils using marine transport		Sick Pupils for more than 3 Months		Others	
	F	T	F	T	F	T	F	T	F	T
Government	50,250	99,751	3,709	7,865	574	1,136	10,151	20,372	2,026	4,132
Non-Government	867	1,777	9	23	5	8	116	259	69	134
Grand Total	51,117	101,528	3,718	7,888	579	1,144	10,267	20,631	2,095	4,266
% of Total Enrolment	6.8	6.7	0.5	0.5	0.1	0.1	1.4	2.7	0.3	0.6

Pre-Primary Education

Chart 1.7: Number of Pupils Living in Vulnerable Environment in Enrolled in Government and Non-Government Schools/ Streams by Type of Vulnerability, 2017



Pre-Primary Education

Table 1.7: Teachers in Government and Non-Government Schools/Streams, 2013 – 2017

ITEM	Ownership	2013		2014		2015		2016		2017	
		F	T	F	T	F	T	F	T	F	T
All Teachers	Government	6,501	9,900	7,236	11,028	7,174	10,964	6,964	10,994	6,028	9,045
	Non-Government	2,127	2,477	2,188	2,572	2,146	2,560	3,354	3,964	3,758	4,268
	Total	8,628	12,377	9,424	13,600	9,320	13,524	10,318	14,958	9,786	13,313
Teachers with Pre-School Certificate	Government	3,205	4,861	1,954	2,566			2,688	4,029	2,017	2,884
	Non-Government	1,401	1,644	2,050	2,357			2,964	3,470	3,586	4,051
	Total	4,606	6,505	4,004	4,923			5,652	7,499	5,603	6,935

Pre-Primary Education

Table 1.8: Pupil-Teacher Ratio, Qualified Teachers in Government and Non-Government Schools/Streams, 2013 – 2017

ITEM	Ownership	2013	2014	2015	2016	2017
Pupils Teacher Ratio	Government	1:98	1:90	1:93	1:135	1:159
	Non-Government	1:23	1:21	1:21	1:19	1:19
	Total	1:83	1:77	1:79	1:104	1:114
Qualified Teachers	Government	4,861	5,128		8,789	7,861
	Non-Government	1644	1522		3,131	2,578
	Total	6,505	6,650	6,538	11,920	10,439
Pupil/ Qualified Teacher Ratio	Government	1:199	1:194		1:169	1:183
	Non-Government	1:35	1:35		1:24	1:32
	Total	1:158	1:157		1:131	1:145

Pre-Primary Education

Table 1.9: Number of Government and Non-Government Schools/Streams with Electric Power by Source, 2017

Ownership	Item	Number of Schools/Streams with Source of Power						NO SOURCE	No. of Pre-primary Schools
		NATIONAL GRID (TANESCO)	BIOGAS	GENERATOR	SOLAR	WIND	OTHER SOURCE		
Government	No. of Schools	3734	69	46	881	9	413	10963	16004
	% of All Schools	23.3	0.4	0.3	5.5	0.1	2.6	68.5	
Non-Government	No. of Schools	981	17	232	181	7	8	83	1234
	% of All Schools	79.5	1.4	18.8	14.7	0.6	0.6	6.7	
Total	No. of Schools	4715	86	278	1062	16	421	11046	17238
	% of All Schools	27.4	0.5	1.6	6.2	0.1	2.4	64.1	

Pre-Primary Education

Table 1.10: Availability of ICT Equipment in Government and Non-Government Schools/Streams, 2017

Ownership	Equipments						
	Desktop Computers	Laptop Computers	Photocopier	Projector	Radio	Smart Phone /Tablets	TV
Government	401	365	56	102	590	1494	61
Non-Government	5057	1425	845	263	488	993	829
Grand Total	5458	1790	901	365	1078	2487	890

Pre-Primary Education

Table 1.11: Number of Pre-Primary Schools/Streams by Ownership, 2017

School Ownership	Number of Schools	% of Total Schools	Number of Pupils	% of Total Enrolment	Average Number of Pupils per School
Government	16,004	92.8	1,436,322	94.6	90
Non-Government	1,234	7.2	81,348	5.4	66
Grand Total	17,238	100.0	1,517,670	100	88

2.0 PRIMARY EDUCATION

According to the Education and Training Policy 2014 (ETP 2014), which started to be implemented in 2015 as replacement of ETP 1995; Primary Education is a six years education cycle after Pre-Primary. It is universal, compulsory and free to all children aged 6 to 12 years old.

The Primary School cycle begins with standard one (Std I), on entry, and ends with standard six (Std VI) in the final year of the cycle.

Currently, Primary Education Subsector has been administered by implementing both ETPs (1995 and 2014) during the transition period to fully adaptation of ETP (2014). The ETP (1995) was a seven years education cycle after Pre-Primary. It was a universal and compulsory to all children aged 7 to 13 years old.

Primary Education

Table 2.1: Standard I-VII Enrolment in Government and Non-Government Primary Schools by Sex and Grade, 2013 - 2017

A) TOTAL ENROLMENT	2,013		2,014		2,015		2,016		2,017		% Increase
	FEMALE	TOTAL									
Std I-VII	4,165,626	8,231,913	4,175,085	8,222,667	4,218,377	8,298,282	4,373,488	8,639,202	4,688,576	9,317,791	7.9
Government	4,068,354	8,033,926	4,061,545	7,994,675			4,226,289	8,342,284	4,515,540	8,969,110	7.5
Non-Govt	97,272	197,987	113,540	227,992			147,199	296,918	173,036	348,681	17.4
B) ENROLMENT GRADES											
STAGE I-III									4,367	10,334	
Government									4,231	10,076	
Non-Govt									136	258	
Std I	712,407	1,430,231	746,939	1,503,104	776,089	1,568,378	1,037,539	2,120,667	1,018,995	2,078,379	-2.0
Government	696,045	1,396,634	727,727	1,464,376			1,012,995	2,070,880	988,368	2,016,579	-2.6
Non-Govt	16,362	33,597	19,212	38,728			24,544	49,787	30,627	61,800	24.1

Primary Education

Table 2.1: Standard I-VII Enrolment in Government and Non-Government Primary Schools by Sex and Grade, 2013 - 2017 *Cont...*

TOTAL ENROLMENT	2013		2014		2015		2016		2017		% Increase
	FEMALE	TOTAL									
Std II	673,059	1,347,898	687,369	1,374,293	701,306	1,411,583	673,115	1,359,223	907,621	1,854,658	36.4
Government	657,303	1,315,931	669,058	1,337,394			648,474	1,309,520	879,177	1,797,059	37.2
Non-Govt	15,756	31,967	18,311	36,899			24,641	49,703	28,444	57,599	15.9
Std III	641,224	1,280,308	633,229	1,256,032	646,045	1,285,192	632,820	1,257,944	652,326	1,310,216	4.2
Government	626,189	1,249,284	615,345	1,220,270			609,740	1,211,412	625,209	1,255,427	3.6
Non-Govt	15,035	31,024	17,884	35,762			23,080	46,532	27,117	54,789	17.7
Std IV	603,846	1,194,112	608,579	1,198,382	583,541	1,133,652	544,499	1,060,192	599,871	1,187,433	12.0
Government	589,652	1,165,244	591,930	1,164,964			522,560	1,015,831	574,441	1,136,372	11.9
Non-Govt	14,194	28,868	16,649	33,418			21,939	44,361	25,430	51,061	15.1

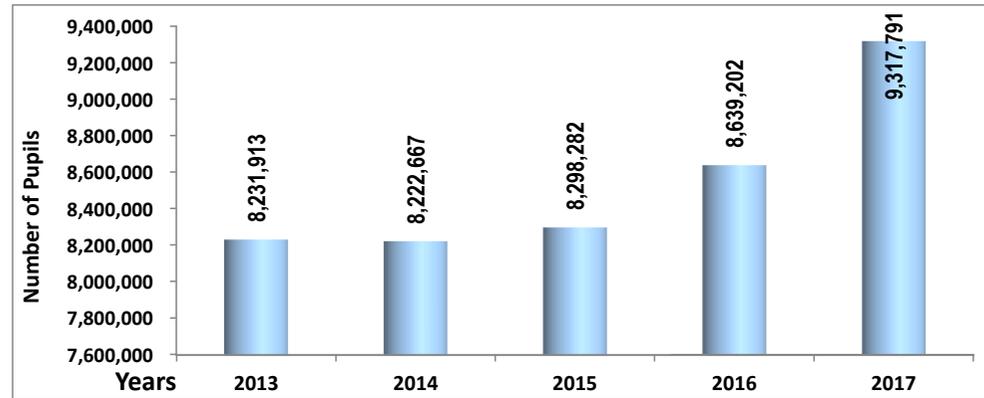
Primary Education

Table 2.1: Standard I-VII Enrolment in Government and Non-Government Primary Schools by Sex and Grade, 2013 - 2017. *Cont....*

A) TOTAL ENROLMENT	2013		2014		2015		2016		2017		% Increase
	FEMALE	TOTAL	FEMALE	TOTAL	FEMALE	TOTAL	FEMALE	TOTAL	FEMALE	TOTAL	
Std V	534,016	1,043,201	534,640	1,042,437	543,851	1,056,365	531,120	1,026,611	507,909	979,263	-4.6
Government	520,298	1,015,675	519,245	1,011,231			511,070	986,538	484,848	932,997	-5.4
Non-Govt	13,718	27,526	15,395	31,206			20,050	40,073	23,061	46,266	15.5
Std VI	538,136	1,050,414	520,152	1,008,668	533,983	1,028,328	529,473	1,014,671	517,560	990,794	-2.4
Government	525,831	1,025,816	505,993	980,486			511,573	978,688	496,667	948,987	-3.0
Non-Govt	12,305	24,598	14,159	28,182			17,900	35,983	20,893	41,807	16.2
Std VII	462,938	885,749	444,177	839,751	433,562	814,784	424,922	799,894	484,294	917,048	14.6
Government	453,036	865,342	432,247	815,954			409,877	769,415	466,830	881,689	14.6
Non-Govt	9,902	20,407	11,930	23,797			15,045	30,479	17,464	35,359	16.0

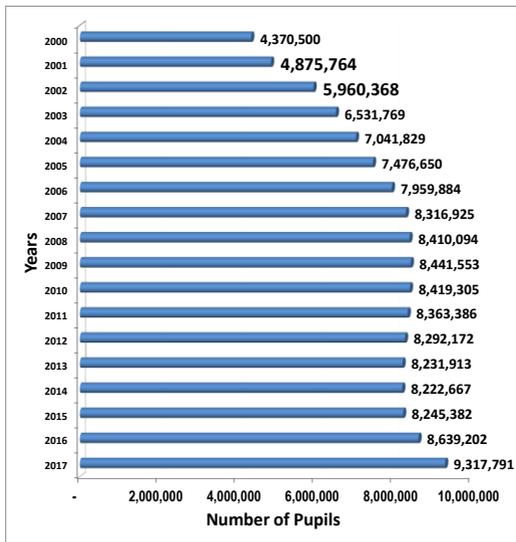
Primary Education

Chart 2.1: Standard I-VII Enrolment in Government and Non-Government Schools, 2013 - 2017



Primary Education

Chart 2.2: Trend of Total Enrolment of Pupils in Primary Education, 2000 - 2017



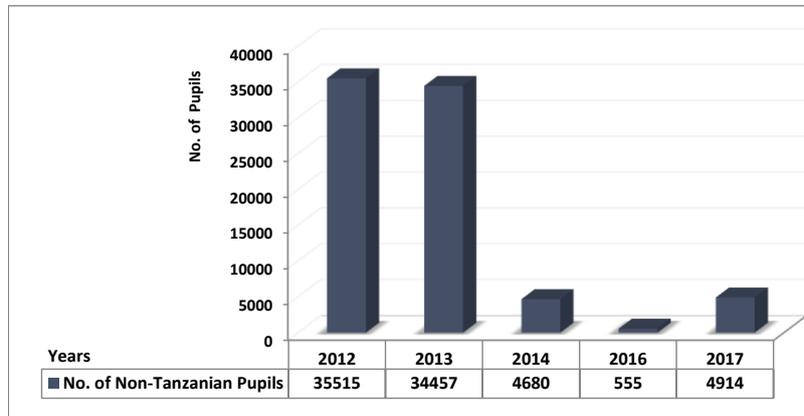
Primary Education

Table 2.2: Total Enrolment of Non-Tanzanian Pupils by Citizenship and Grade,
2017

Country	Std I	Std II	Std III	Std IV	Std V	Std VI	Std VII	Total
Burundi	737	941	660	609	422	501	424	4294
Kenya	7	3	9	14	8	6	6	53
Outside Africa	85	60	51	62	56	50	23	387
Rest of Africa	0	2	4	4	6	7	0	23
Rwanda	1	1	1	0	1	1	0	5
SADC Countries	15	19	15	28	27	39	3	146
South Sudan	1	0	0	1	0	0	0	2
Uganda	1	0	2	0	0	1	0	4
Grand Total	847	1026	742	718	520	605	456	4914

Primary Education

Chart 2.3: Total Enrolment Trend of Non-Tanzanian Pupils, 2012-2014 and 2016-2017



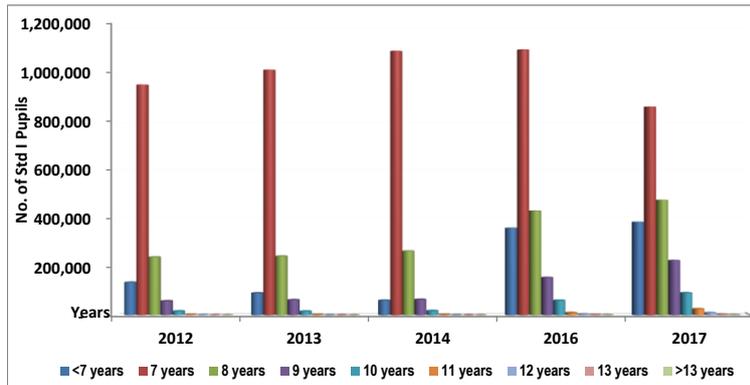
Primary Education

Table 2.3: Enrolment of Pupils in Standard I in Government and Non-Government Schools by Age and Sex, 2012-2014 and 2016-2017

Age (Years)	2012		2013		2014		2016		2017	
	FEMALE	TOTAL	FEMALE	TOTAL	FEMALE	TOTAL	FEMALE	TOTAL	FEMALE	TOTAL
Less than 7 Years	77,518	135,372	60,524	91,111	37,860	60,654	190,425	359,908	208,090	384,782
7 Years	474,469	952,971	504,583	1,014,397	546,429	1,092,480	541,256	1,098,100	434,875	861,863
More than 7 Years	146,690	316,655	147,300	324,723	162,650	349,970	305,588	662,248	376,030	831,734
Total	698,677	1,404,998	712,407	1,430,231	746,939	1,503,104	1,037,269	2,120,256	1,018,995	2,078,379
% of 7 Years	67.9	67.8	70.8	70.9	73.2	72.7	52.2	51.8	42.7	41.5
% of Less than 7 Years	11.1	9.6	8.5	6.4	5.1	4.0	18.4	17.0	20.4	18.5

Primary Education

Chart 2.4: Enrolment Trend of Pupils in Standard I by Age, 2012-2014 and 2016-2017



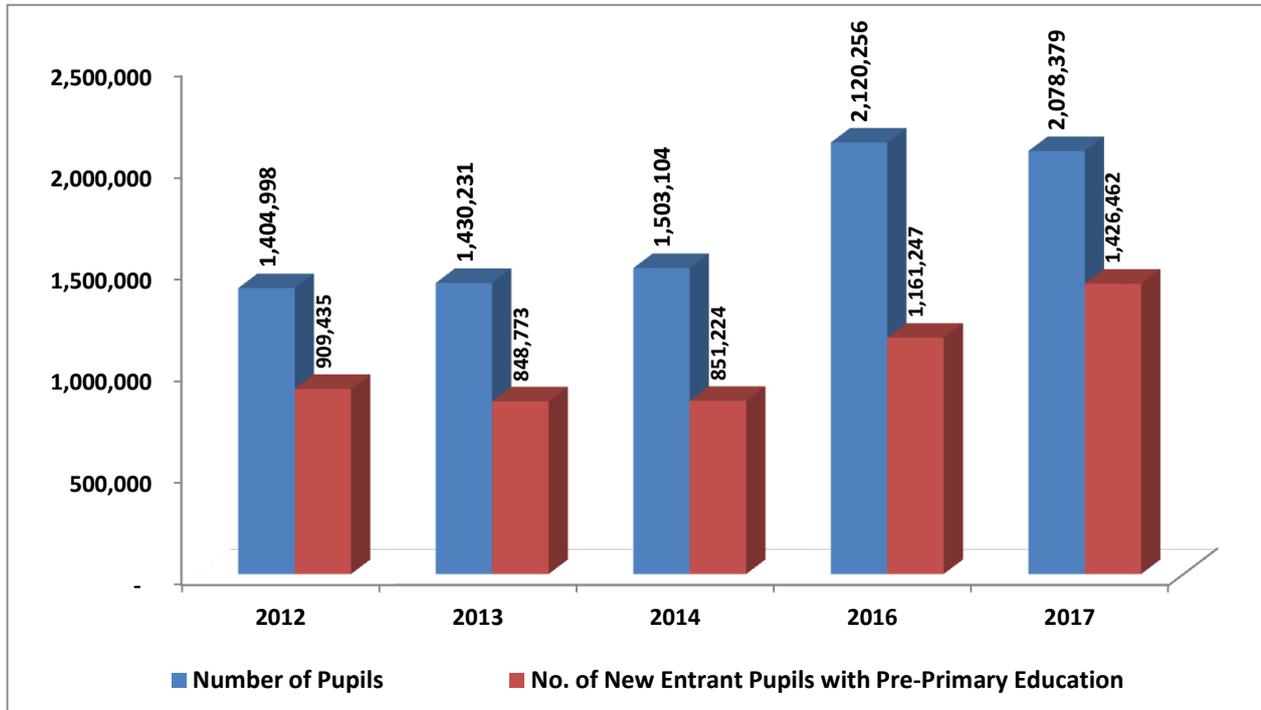
Primary Education

Table 2.4: Enrolment of Pupils with Pre-Primary Education in Std I as Percentage of Total Enrolment of Std I in Government and Non-Government Schools by Sex, 2012-2014 and 2016-2017

ITEM	2012		2013		2014		2016		2017	
	FEMALE	TOTAL	FEMALE	TOTAL	FEMALE	TOTAL	FEMALE	TOTAL	FEMALE	TOTAL
Standard I Total Enrolment	698,677	1,404,998	712,407	1,430,231	746,939	1,503,104	1,037,269	2,120,256	1,018,995	2,078,379
No. of New Entrants with Pre-Primary Education	474,242	909,435	473,674	848,773	424,564	851,224	573,695	1,161,247	710,170	1,426,462
% of New Entrants with Pre-Primary Education	67.9	64.7	66.5	59.3	56.8	56.6	55.3	54.8	69.7	68.6

Primary Education

Chart 2.5: Enrolment of Pupils with Pre-Primary Education in Std I and Total Enrolment of Std I in Government and Non-Government Schools, 2012-2014 and 2016-2017



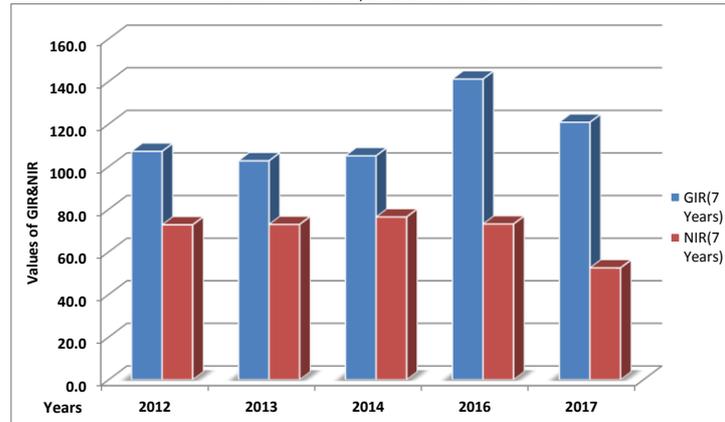
Primary Education

Table 2.5: Gross and Net Intake Rates (GIR and NIR) for Standard I in Government and Non-Government Schools by Age and Sex, 2012-2014 and 2016-2017

Age (Years)	2012		2013		2014		2016		2017	
	Female	Total	Female	Total	Female	Total	Female	Total	Female	Total
<7 Years	77,518	135,372	60,524	91,111	37,860	60,654	190,425	359,908	204,060	376,670
7 Years	474,469	952,971	504,583	1,014,397	546,429	1,092,480	541,256	1,098,100	414,837	820,600
> 7 Years	146,690	316,655	147,300	324,723	162,650	349,970	305,588	662,248	312,741	691,619
Grand Total	698,677	1,404,998	712,407	1,430,231	746,939	1,503,104	1,037,269	2,120,256	931,638	1,888,889
Population (7 Year)	649,344	1,310,479	689,412	1,391,468	708,526	1,430,063	744,397	1,502,213	774,374	1,562,842
GIR(7 Years)	107.6	107.2	103.3	102.8	105.4	105.1	139.3	141.1	120.3	120.9
NIR(7 Years)	73.1	72.7	73.2	72.9	77.1	76.4	72.7	73.1	53.6	52.5

Primary Education

Chart 2.6: Gross and Net Intake Rates (GIR and NIR) for Standard I in Government and Non-Government Schools, 2012-2014 and 2016-2017



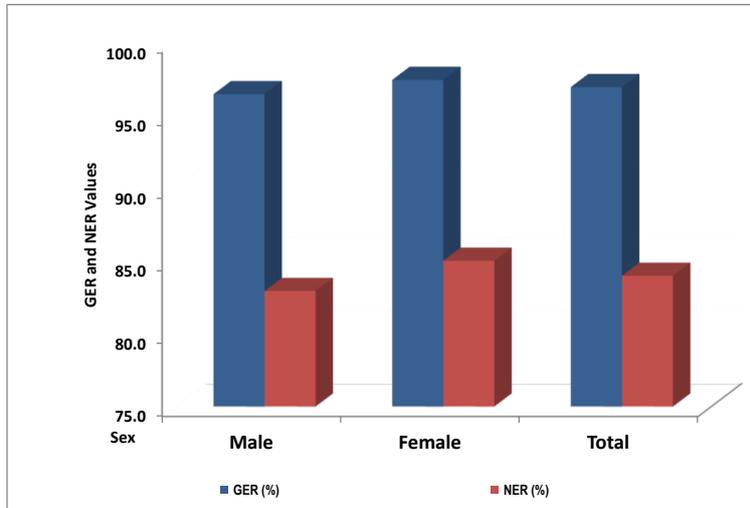
Primary Education

Table 2.6: Gross and Net Enrolment Ratio (GER and NER) in Percentage and Gender Parity Index (GPI) for Government and Non Government Schools by Sex, 2017

Items	Male	Female	Total	% of Female	GPI
Population (7-13) Years Age	4,799,869	4,812,599	9,612,467	50.1	1.0
Total Enrolment (Standard I-VII)	4,629,215	4,688,576	9,317,791	50.3	1.0
Total Enrolment of (7- 13) Years Age	3,980,672	4,091,214	8,071,886	50.7	1.0
GER (%)	96.4	97.4	96.9		1.0
NER (%)	82.9	85.0	84.0		1.0

Primary Education

Chart 2.7: Gross and Net Enrolment Ratio (GER and NER) in Percentage by Sex, 2017



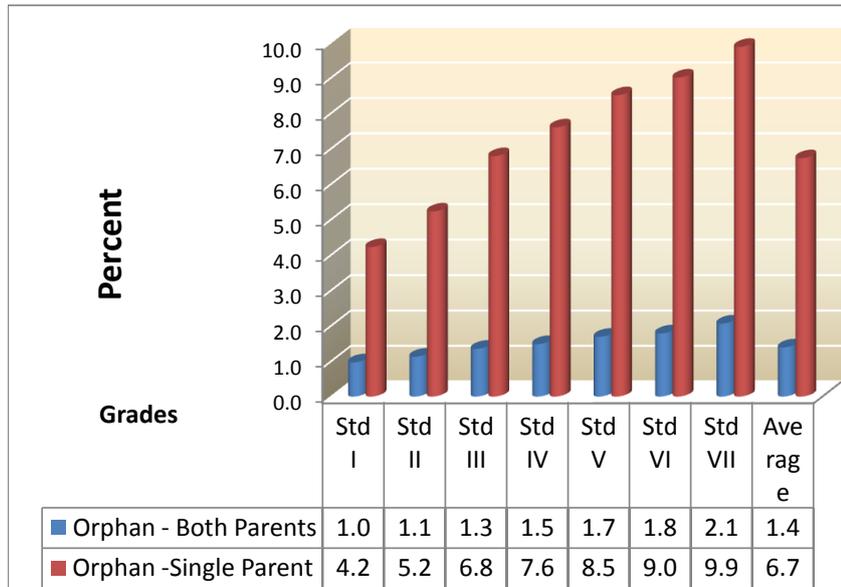
Primary Education

Table 2.7: Number of Orphans in Government and Non-Government Schools by Grade and Sex, 2017

Grade	Death of Both Parents Orphans			Death of Single Parent Orphans			GRAND TOTAL			% of Total Enrollment
	FEMALE	TOTAL	% of T	FEMALE	TOTAL	% of T	MALE	FEMALE	TOTAL	
Std I	10,006	20,070	1.0	42,057	87,735	4.2	55,742	52,063	107,805	5.2
Std II	10,371	20,863	1.1	46,960	96,906	5.2	60,438	57,331	117,769	6.3
Std III	8,871	17,664	1.3	43,906	88,914	6.8	53,801	52,777	106,578	8.1
Std IV	8,922	17,606	1.5	45,275	90,229	7.6	53,638	54,197	107,835	9.1
Std V	8,513	16,506	1.7	42,736	83,293	8.5	48,550	51,249	99,799	10.2
Std VI	9,127	17,648	1.8	46,318	89,224	9.0	51,427	55,445	106,872	10.8
Std VII	9,363	18,900	2.1	47,854	90,516	9.9	52,199	57,217	109,416	11.9
Grand Total	65,173	129,257	1.4	315,106	626,817	6.7	375,795	380,279	756,074	8.1

Primary Education

Chart 2.8: Percentage of Orphan Pupils in Government and Non-Government Schools by Grade, 2017



Primary Education

Table 2.8: Number of Pupils with Disabilities in Government and Non-Government Schools by Type of Disability, Grade and Sex, 2017

GRADE	Albino		Autism		Deaf/Mute		Deaf-Blind	
	Female	Total	Female	Total	Female	Total	Female	Total
Stage I-III	0	0	157	399	0	0	48	101
Std I	309	646	90	242	843	1784	60	119
Std II	262	550	85	201	464	982	37	91
Std III	206	410	57	154	461	987	38	82
Std IV	204	369	57	132	359	735	28	79
Std V	150	303	52	119	406	843	28	58
Std VI	147	307	38	86	260	576	32	71
Std VII	155	287	42	114	311	623	27	59
Grand Total	1433	2872	578	1447	3104	6530	298	660

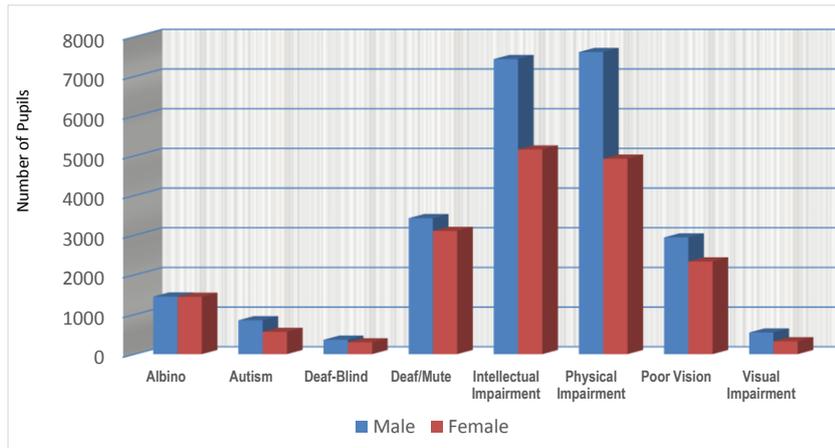
Primary Education

Table 2.8: Number of Pupils with Disabilities in Government and Non-Government Schools by Type of Disability, Grade and Sex, 2017 Cont...

Grade	Intellectual Impairment		Physical Impairment		Poor Vision		Visual Impairment	
	Female	Total	Female	Total	Female	Total	Female	Total
Stage I-III	2940	7315	0	0	0	0	0	0
Std I	624	1537	821	2233	282	696	90	234
Std II	469	1107	813	2085	266	624	51	127
Std III	328	816	726	1887	312	735	41	111
Std IV	283	628	746	1815	331	750	44	106
Std V	174	428	601	1510	359	793	33	92
Std VI	182	411	619	1578	345	759	29	97
Std VII	157	350	599	1429	440	919	36	102
Grand Total	5157	12592	4925	12537	2335	5276	324	869

Primary Education

Chart 2.9: Number of Pupils with Disabilities in Government and Non-Government Schools by Type of Disability, 2017



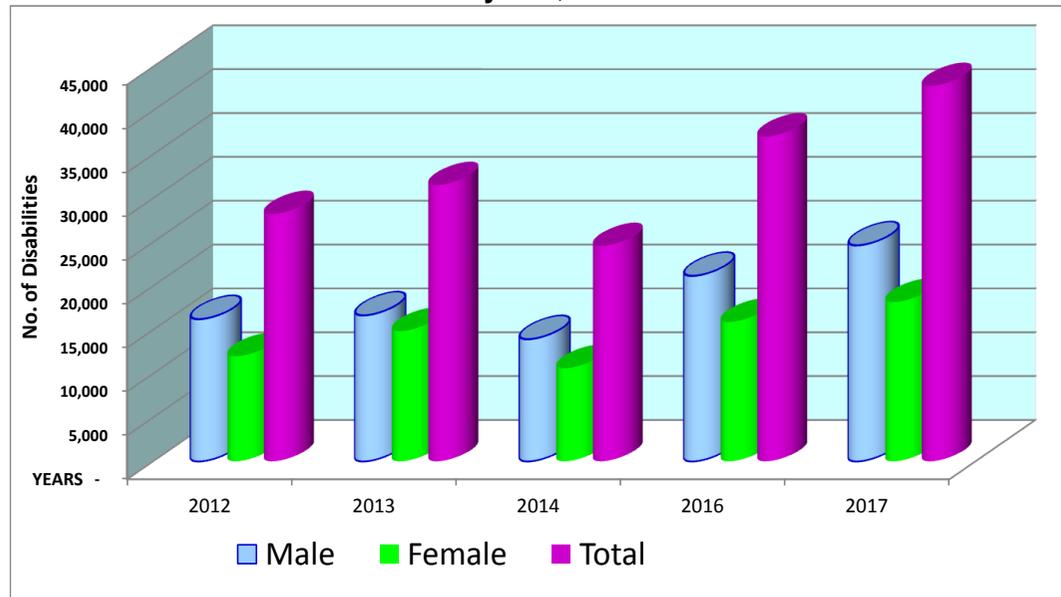
Primary Education

Table 2.9: Trend of Number of Pupils with Disabilities in Government and Non-Government Schools by Sex, 2012- 2014 and 2016-2017

Sex	2012	2013	2014	2016	2017
Boys	16,216	30,433	13,929	21,151	24,629
Girls	11,979	28,195	10,612	15,883	18,154
Total	28,195	31,488	24,541	37,034	42,783

Primary Education

Chart 2.10: Trend of Number of Pupils with Disabilities in Government and Non-Government Schools by Sex, 2012- 2014 and 2016-2017



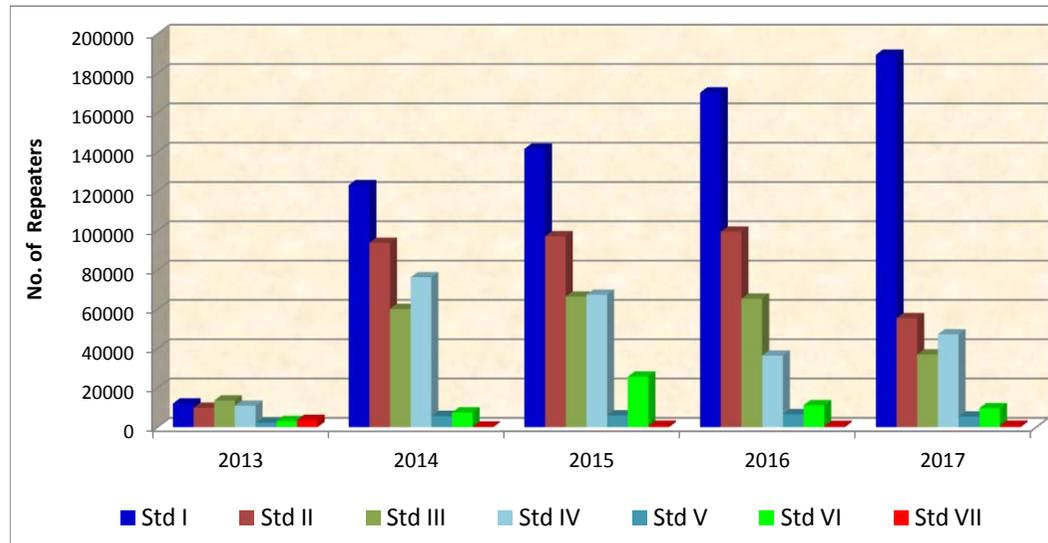
Primary Education

Table 2.10: Trend of Repeaters in Government and Non-Government Schools by Sex and Grade, 2013-2017

Grades	2013		2014		2015		2016		2017	
	Female	Total	Female	Total	Female	Total	Female	Total	Female	Total
Std I	5,351	12,021	58,414	123,125	65,474	141,585	79,868	170,234	87,357	189,490
Std II	4,667	9,857	44,038	93,790	45,698	97,102	46,612	99,482	24,485	55,473
Std III	6,006	13,578	28,841	60,132	31,625	66,424	31,137	65,359	17,367	36,937
Std IV	4,701	10,923	37,590	76,245	31,842	67,383	17,820	36,393	23,032	47,247
Std V	1,018	2,233	2,785	5,701	2,928	6,011	3,149	6,585	2,583	5,422
Std VI	1,234	3,060	3,670	7,480	4,609	25,668	5,587	11,146	4,912	9,640
Std VII	2,666	3,630	169	332	335	723	321	641	331	729
Grand Total	25,643	55,302	175,507	366,805	182,511	404,896	184,494	389,840	160,067	344,938

Primary Education

Chart 2.11: Trend of Repeaters in Government and Non-Government Schools by Grade, 2013-2017



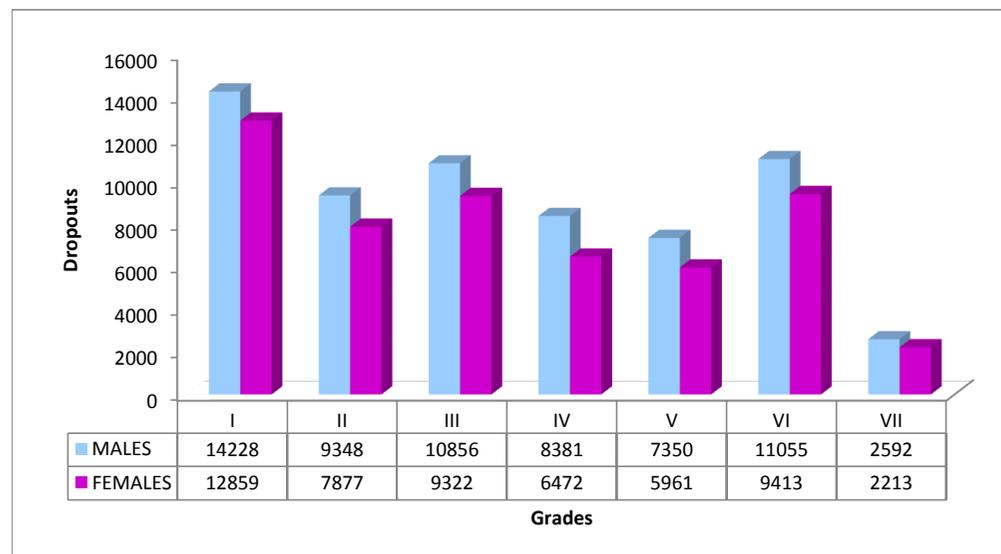
Primary Education

Table 2.11: Number of Dropouts in Government and Non-Government Schools by Reason and Grade, 2016

Reasons for Dropout	Std. I	Std. II	Std. III	Std. IV	Std. V	Std. VI	Std. VII	Total	% Dropout by Reasons
Death	661	483	362	384	270	303	131	2,594	2.2
Indiscipline	68	36	43	61	77	95	24	404	0.3
Pregnancy	0	0	7	36	94	304	153	594	0.5
Truancy	26,358	16,706	19,766	14,372	12,870	19,766	4,497	114,335	97.0
Grand Total	27,087	17,225	20,178	14,853	13,311	20,468	4,805	117,927	100.0

Primary Education

Chart 2.12: Number of Dropouts in Government and Non-Government Schools by Grade and Sex, 2016



Primary Education

Table 2.12: Dropout Trend in Government and Non-Government Schools by Reason and Sex, 2012-2016

Reasons for Dropout	2012		2013		2014		2015		2016	
	F	T	F	T	F	T	F	T	F	T
Death	656	1,443	838	2,001		2,212	1,334	3,146	1,070	2,594
Indiscipline									125	404
Pregnancy	2,433	2,433	247	247	265	265	251	251	594	594
Truancy	45,108	102,852	29,547	64,789	n/a	82,269	37,658	82,588	52,328	114,335
Grand Total	48,197	104,295	30,632	67,037	265	84,481	39,243	85,985	54,117	117,927

Primary Education

Table 2.13: Std VII Completion Rates in Primary Schools, 2013-2014 and 2016-2017

Age in Years	2013		2014		2016		2017	
	F	T	F	T	F	T	F	T
<13 Years	30,854	53,370	33,537	56,854	42,718	71,805	51,556	83,740
13 Years	296,824	562,081	314,721	589,380	270,783	501,835	214,455	384,656
>13 Years	135,260	270,295	95,919	193,517	111,399	226,264	218,283	448,652
Total	462,938	885,746	444,177	839,751	424,900	799,904	484,294	917,048
Population 13 years	509,379	1,016,085	559,122	1,075,976	532,042	1,061,207	572,537	1,141,150
Gross Completion Rate (%)	90.9	87.2	79.4	78.0	79.9	75.4	84.6	80.4
Net Completion Rate (%)	58.3	55.3	56.3	54.8	50.9	47.3	37.5	33.7

Primary Education

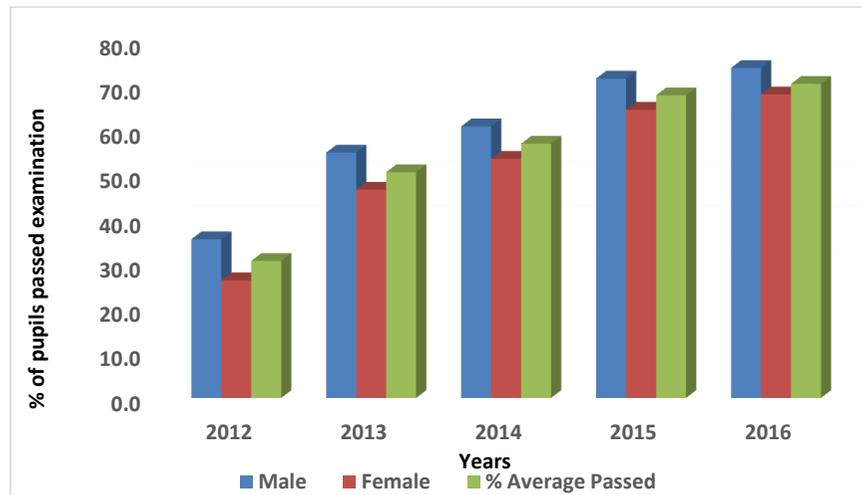
Table 2.14: Summary of Primary School Leaving Examination (PSLE) Results,
2008 - 2016

Year	Candidates Sat		Candidates Passed		Percentage Passed	
	F	T	F	T	F	T
2008	503,759	1,017,865	229,476	536,672	45.6	52.7
2009	502,624	999,070	217,250	493,333	43.2	49.4
2010	459,812	895,013	222,094	478,912	48.3	53.5
2011	511,011	973,809	278,377	567,567	54.5	58.3
2012	455,959	865,534	120,224	265,873	26.4	30.7
2013	446,140	844,938	208,227	427,606	46.7	50.6
2014	422,621	792,118	226,483	451,392	53.6	57.0
2015	408,897	763,603	264,130	518,034	64.6	67.8
2016	419,932	789,479	283,788	555,365	68.0	70.4

Source: NECTA, 2008 - 2016

Primary Education

Chart 2.13: Summary of Primary School Leaving Examination (PSLE) Results, 2012-2016



Primary Education

Table 2.15: Primary Education Leavers in Government and Non-Government Schools and Form 1 Enrolment, 1989 - 2016

Year	Std VII Leavers	Enrolled to Form 1 the next year					
		Govt	% of Govt	Non - Govt	% of NonGovt	Total	%
1989	267,744	18,551	6.9	23,585	8.8	42,136	15.7
1990	306,656	19,673	6.4	27,554	9.0	47,227	15.4
1991	383,427	19,282	5.0	29,027	7.6	48,309	12.6
1992	346,514	19,193	5.5	25,703	7.4	44,896	13.0
1993	363,404	21,531	5.9	26,965	7.4	48,496	13.3
1994	370,534	24,321	6.6	28,498	7.7	52,819	14.3
1995	386,584	28,412	7.3	28,002	7.2	56,414	14.6
1996	359,337	30,873	8.6	29,768	8.3	60,641	16.9
1997	414,069	35,057	8.5	27,125	6.6	62,182	15.0
1998	364,014	41,238	11.3	28,333	7.8	69,571	19.1
1999	426,562	41,238	9.7	38,775	9.1	80,013	18.8
2000	389,746	48,404	12.4	36,305	9.3	84,709	21.7
2001	444,903	58,159	13.1	41,593	9.3	99,752	22.4
2002	494,504	60,391	12.2	46,891	9.5	107,282	21.7

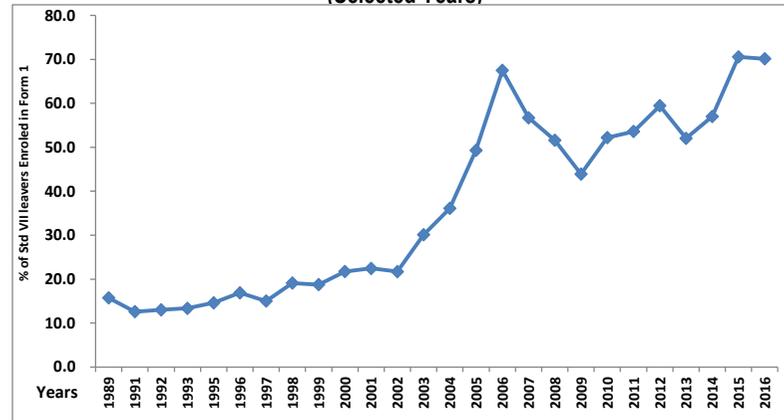
Primary Education

Table 2.15: Primary Education Leavers in Government and Non-Government Schools and Form 1 Enrolment, 1989 - 2016 *Cont....*

Year	Std VII/VIII Leavers	Enrolled to Form 1 the next year				Total	%
		Govt	% of Govt	Non - Govt	% of NonGovt		
2003	490,018	98,738	20.1	48,752	9.9	147,490	30.1
2004	499,241	134,963	27.0	45,276	9.1	180,239	36.1
2005	493,946	196,391	39.8	46,968	9.5	243,359	49.3
2006	664,263	401,011	60.4	47,437	7.1	448,448	67.5
2007	773,553	395,930	51.2	42,971	5.6	438,901	56.7
2008	1,017,865	480,529	47.2	44,255	4.3	524,784	51.6
2009	999,070	382,207	38.3	56,620	5.7	438,827	43.9
2010	894,889	403,873	45.1	63,282	7.1	467,155	52.2
2011	973,812	457,321	47.0	65,058	6.7	522,379	53.6
2012	865,534	444,532	51.4	70,060	8.1	514,592	59.5
2013	844,938	381,801	45.2	57,825	6.8	439,626	52.0
2014	792,118	371,528	46.9	79,804	10.1	451,332	57.0
2015	763,603	468,337	61.3	70,498	10.5	538,835	70.6
2016	789,479	490,576	62.1	63,166	8.9	553,742	70.1

Primary Education

Chart 2.14: Transition from Primary Education to Secondary Education, 1989- 2016
(Selected Years)



Primary Education

Table 2.16: Flow Rates in Government and Non-Government Schools, 2011-2016

ITEM	YEAR	Std I	Std II	Std III	Std IV	Std V	Std VI	Std VII	TOTAL/ AVERAGE
REPETITION RATE	2011	0.4	0.6	0.8	1.0	0.9	1.2	1.1	0.8
	2012	0.9	0.7	1.1	0.9	0.2	0.3	0.4	0.7
	2013	8.6	7.0	4.7	6.4	0.5	0.7	0.0	4.5
	2014	9.4	7.1	5.3	5.6	0.6	2.5	0.1	4.9
	2015	10.9	7.0	5.1	3.2	0.6	1.1	0.1	4.7
	2016	8.9	4.1	2.9	4.5	0.5	1.0	0.1	4.0
PROMOTION RATE	2011	95.5	95.1	94.0	90.2	95.8	82.4		92.4
	2012	95.2	95.0	95.4	87.1	96.8	81.5		92.1
	2013	89.5	88.7	87.6	86.8	96.0	79.9		88.2
	2014	87.5	88.7	84.9	87.6	96.2	80.7		87.6
	2015	80.3	84.5	79.7	90.0	95.0	77.7		84.2
	2016	84.8	93.7	90.6	91.9	95.6	90.3		90.4

Primary Education

Table 2.16: Flow Rates in Government and Non-Government Schools, 2011-2016 Cont....

ITEMS	YEAR	Std I	Std II	Std III	Std IV	Std V	Std VI	TOTAL/ AVERAGE
DROPOUT RATE	2011	4.2	4.3	5.2	8.8	3.3	16.5	6.8
	2012	3.9	4.2	3.5	12.0	3.0	18.3	7.2
	2013	1.9	4.3	7.7	6.8	3.5	19.4	7.4
	2014	3.1	4.3	9.8	6.7	3.2	16.7	7.5
	2015	8.8	8.5	15.3	6.8	4.4	21.2	11.1
	2016	6.2	2.2	6.4	3.7	3.9	8.7	5.6

Primary Education

Table 2.17: Teaching Staff, Number of Schools and Streams in Government and Non-Government Schools, 2013-2017

Item	2013		2014		2015		2016		2017	
	F	T	F	T	F	T	F	T	F	T
Total Teachers	98,234	189,487	98,262	191,387	102,733	191,420	106,080	206,806	101,176	197,563
Government	93,797	179,322	94,012	181,005	97,063	178,242	99,676	191,772	93,383	179,291
Non-Government	4,437	10,165	4,250	10,382	5,670	13,178	6,404	15,034	7,793	18,272
Qualified Teachers										
Total	97,356	187,566	96,269	186,013	102,733	197,420	103,206	201,513	98,463	192,497
Government	93,426	178,510	92,360	176,660	97,063	184,242	97,947	188,668	92,061	176,876
Non-Government	3,930	9,056	3,909	9,353	5,670	13,178	5,259	12,845	6,402	15,621

Primary Education

Table 2.17: Teaching Staff, Number of Schools and Streams in Government and Non-Government Schools, 2013-2017 Cont....

Item	2013	2014	2015	2016	2017
Pupil Teacher Ratio (PTR)					
Pupil Teacher Ratio	1:43	1:43	1:41	1:42	1:47
Pupil Qualified Teacher Ratio	1:44	1:44	1:42	1:43	1:48
Number of Schools					
Total	16,343	16,493	16,899	17,174	17,357
Government	15,576	15,705	15,966	16,109	16,140
Non-Government	767	788	933	1,065	1,217

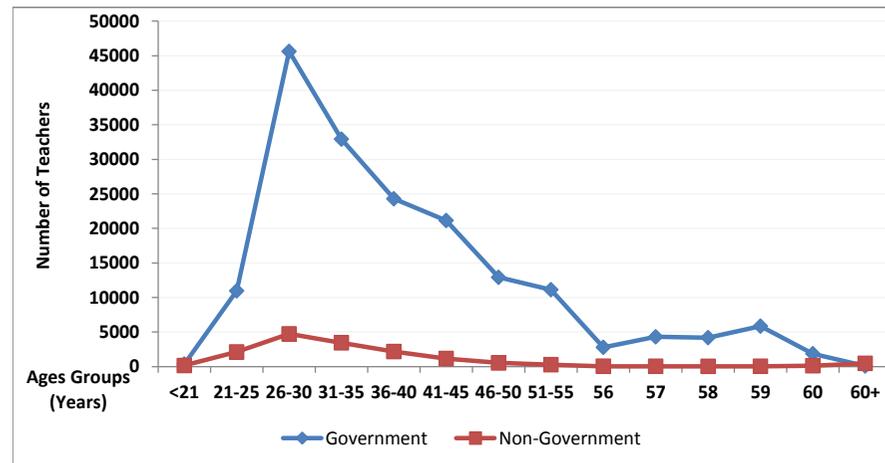
Primary Education

Table 2.18: Number of Permanent Teachers in Government and Non-Government Schools by Age, 2017

Ownership	<21	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56	57	58	59	60	60+	Total
Government	364	10,964	45,634	32,932	24,297	21,151	12,921	11,130	2,788	4,315	4,191	5,856	1,867	85	178,495
Non-Government	154	2,118	4,735	3,441	2,176	1,171	525	274	52	44	34	42	126	466	15,358
Grand Total	518	13,082	50,369	36,373	26,473	22,322	13,446	11,404	2,840	4,359	4,225	5,898	1,993	551	193,853
% of all Teachers	0.3	6.7	26.0	18.8	13.7	11.5	6.9	5.9	1.5	2.2	2.2	3.0	1.0	0.3	100.0

Primary Education

Chart 2.15: Number of Permanent Teachers in Government and Non-Government Schools by Age, 2017



Primary Education

Table 2.19: Number of Pit Latrines in Government and Non Government Schools, 2017

Ownership	Pit Latrines			PLR		
	Male	Female	Total	Male	Female	Total
Government	79,298	84,906	164,204	1:56	1:53	1:55
Non-Government	8,831	9,188	18,019	1:19	1:18	1:19
Grand Total	88,129	94,094	182,223	1:53	1:50	1:51

Primary Education

Table 2.20: Number of Classrooms, Teachers' Houses, Pupil-Classroom Ratio (PCR) and Teacher-House Ratio (HTR) in Government and Non-Government Schools, 2017

Ownership	Number of Classrooms	PCR	Teachers' Houses		
			Available	No. of Teachers	HTR
Government	116,681	1:77	43,075	179,291	1:4
Non-Government	11,798	1:29	1,996	18,272	1:9
Grand Total	128,479	1:73	45071	197,563	1:4

Primary Education

Table 2.21: Number of Desks and Pupil-Desk Ratio in Government and Non-Government Schools by Ownership, 2017

School Ownership	TYPES OF DESKS			Total Desks	Total Seats	Pupil-Desk Ratio	Shortage (Three Seaters)
	One Seater	Two Seaters	Three Seaters				
Government	74,613	493,145	2,445,163	3,012,921	8,396,392	1:3	190,906
Non-Government	56,731	56,388	40,464	153,583	290,899	1:2	19,261
Grand Total	131,344	549,533	2,485,627	3,166,504	8,687,291	1:3	210,167

Primary Education

Table 2.22: Number of Schools with Electric Power in Government and Non-Government Schools by Source of Power, 2017

Ownership	Number of Schools	Sources							% of Schools with National Grid	% of Schools with at least one source
		National Grid	Generator	Solar	Biogas	Wind	Other	No Source		
Government	16,140	4,102	43	1,087	37	9	335	10,685	25.4	33.8
Non-Government	1,217	997	199	177	8	4	19	57	81.9	95.3
Grand Total	17,357	5,099	242	1,264	45	13	354	10,742	29.4	38.1
% of All Schools		29.4	1.4	7.3	0.3	0.1	2.0	61.9		

Primary Education

Table 2.23: Number of Primary Schools by Ownership, 2017

School Ownership	Number of Schools		Number of Students		Average Number of Students per School
	No.	%	No.	%	
Government	16,140	93.0	8,969,110	96.3	555.7
Non-Government	1,217	7.0	348,681	3.7	286.5
Grand Total	17,357	100.0	9,317,791	100.0	536.8

Primary Education

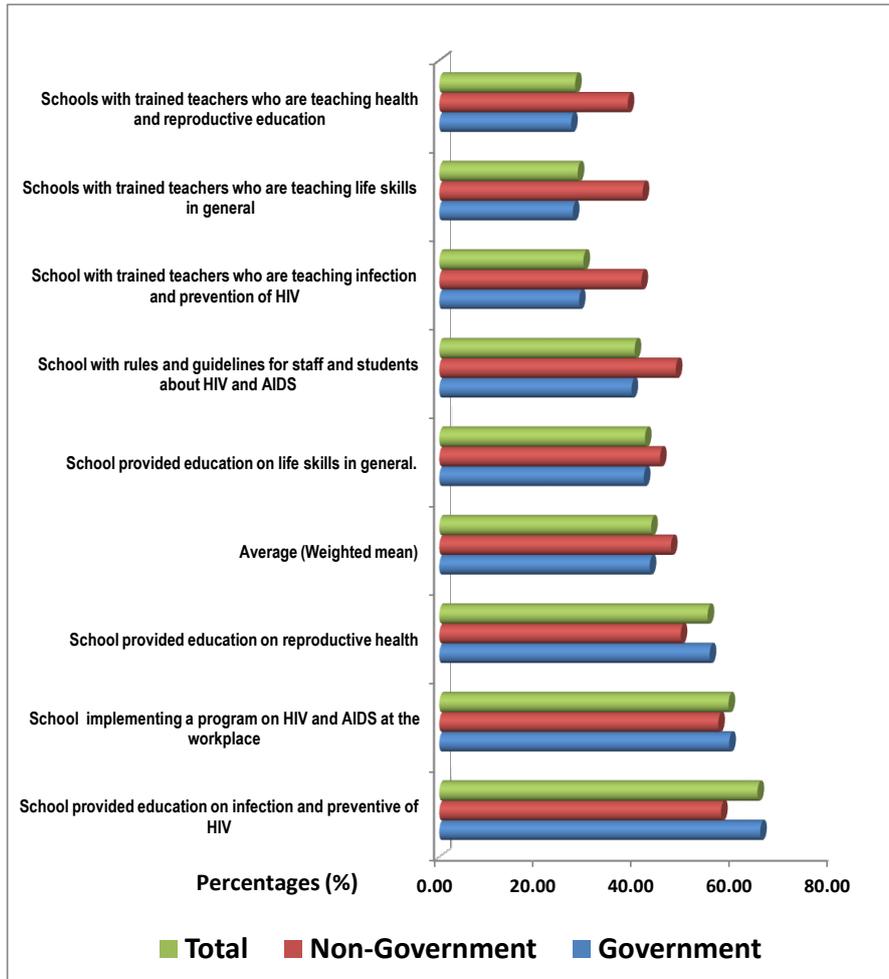
Table 2.24: Number and Percentage of Schools Providing Comprehensive Sexuality Education (CSE), 2017

Items	Government		Total	
	No. of Schools	% No. of Schools	No. of Schools	% No. of Schools
School with rules and guidelines for staff and students about HIV and AIDS	6306	39.1	6891	39.7
School implementing a program on HIV and AIDS at the workplace	9513	58.9	10203	58.8
School provided education on infection and preventive of HIV	10527	65.2	11224	64.7
School provided education on life skills in general.	6710	41.6	7256	41.8
School provided education on reproductive health	8869	55.0	9466	54.5
Schools with trained teachers who are teaching health and reproductive education	4325	26.8	4791	27.6
Schools with trained teachers who are teaching life skills in general	4381	27.1	4884	28.1
School with trained teachers who are teaching infection and prevention of HIV	4584	28.4	5084	29.3
Average		42.8		43.1

Note 1: Total number of schools are 17,357 (16,140 Government schools and 1,217 Non-Government schools)

Primary Education

Chart 2.16: Number and Percentage of Schools Providing Comprehensive Sexuality Education (CSE), 2017



3.0 SECONDARY EDUCATION

The formal secondary education consists of two sequential cycles. The first cycle is a four year programme of Ordinary Level (O-Level) secondary education. The second cycle is a two year programme of Advanced Level (A-Level) secondary education.

The O-Level secondary education cycle begins with Form 1 and ends with Form 4 whereby Form 1 selection and enrollment in Government and Non-Government secondary schools is subject to the performance in National Primary School Leaving Examination (PSLE). The A-Level secondary education has Form 5 and 6. The Selection and enrollment in A-Level for Government and Non-Government secondary education is based on prescribed performance level in the relevant A-Level subject combinations after attainment of appropriate credits in the Certificate of Secondary Education Examination (CSEE).

Form 4 and Form 6 examinations mark completion of secondary education cycles and the results of these examinations are used for and selection of students for further formal education and training such as Colleges and Universities.

Secondary Education

Table 3.1: Enrolment of Pupils in Government and Non-Government Schools by Sex and Grade, 2013- 2017 *Cont 'd...*

Ownership and Level	2013		2014		2015		2016		2017	
	F	T	F	T	F	T	F	T	F	T
a) Form 1-6										
Grand Total	864,865	1,804,056	949,716	1,947,349	953,394	1,774,383	901,059	1,806,955	961,450	1,908,857
Government	707,816	1,504,711	759,113	1,580,810		1,436,973	727,986	1,469,589	784,124	1,565,201
Non-Government	157,049	299,345	190,603	366,539		337,410	173,073	337,366	177,326	343,656
b) Form 1										
Total	257,127	514,592	292,188	588,873	225,558	448,826	274,870	538,826	288,118	562,695
Government	219,335	444,532	234,309	479,089			236,931	467,982	249,343	491,535
Non-Government	37,792	70,060	57,879	109,784			37,939	70,844	38,775	71,160

Secondary Education

Table 3.1: Enrolment of Pupils in Government and Non-Government Schools by Sex and Grade, 2013- 2017 *Cont 'd...*

Ownership and Level	2013		2014		2015		2016		2017	
	F	T	F	T	F	T	F	T	F	T
c) Form 2										
Total	292,726	583,443	301,093	602,902	207,012	418,345	226,535	447,895	270,392	523,162
Government	251,701	506,036	250,774	506,170			183,829	366,396	227,944	443,614
Non-Government	41,025	77,407	50,319	96,732			42,706	81,499	42,448	79,548
d) Form 3										
Total	120,612	261,899	219,505	433,361	195,289	387,696	169,851	336,951	189,820	373,202
Government	84,995	193,901	179,295	356,787			131,535	263,981	149,134	296,034
Non-Government	35,617	67,998	40,210	76,574			38,316	72,970	40,686	77,168

Secondary Education

Table 3.1: Enrolment of Pupils in Government and Non-Government Schools by Sex and Grade, 2013- 2017 *Cont 'd...*

Ownership and Level	2013		2014		2015		2016		2017	
	F	T	F	T	F	T	F	T	F	T
e) Form 4										
Total	169,746	368,600	112,076	245,144	199,511	393,492	179,570	351,921	155,842	308,831
Government	135,557	302,963	77,347	178,246			141,461	278,690	117,898	236,775
Non-Government	34,189	65,637	34,729	66,898			38,109	73,231	37,944	72,056
f) Form 5										
Total	12,843	39,173	14,370	42,484	39,125	90,987	26,182	66,624	32,541	77,895
Government	8,923	30,581	10,446	33,619			17,209	45,533	22,984	53,749
Non-Government	3,920	8,592	3,924	8,865			8,973	21,091	9,557	24,146

Secondary Education

Table 3.1: Enrolment of Pupils in Government and Non-Government Schools by Sex and Grade, 2013- 2017 Cont 'd...

Ownership and Level	2013		2014		2015		2016		2017	
	F	T	F	T	F	T	F	T	F	T
g) Form 6										
Total	11,811	36,349	10,484	34,585	11,296	35,037	24,051	64,738	24,737	63,072
Government	7,305	26,698	6,942	26,899			17,021	47,007	16,821	43,494
Non-Government	4,506	9,651	3,542	7,686			7,030	17,731	7,916	19,578
h) Form 1-4										
Total	840,211	1,728,534	924,862	1,870,280	827,370	1,648,359	850,826	1,675,593	904,172	1,767,890
Government	691,588	1,447,432	741,725	1,520,292		1,339,823	693,756	1,377,049	744,319	1,467,958
Non-Government	148,623	281,102	183,137	349,988		308,536	157,070	298,544	159,853	299,932

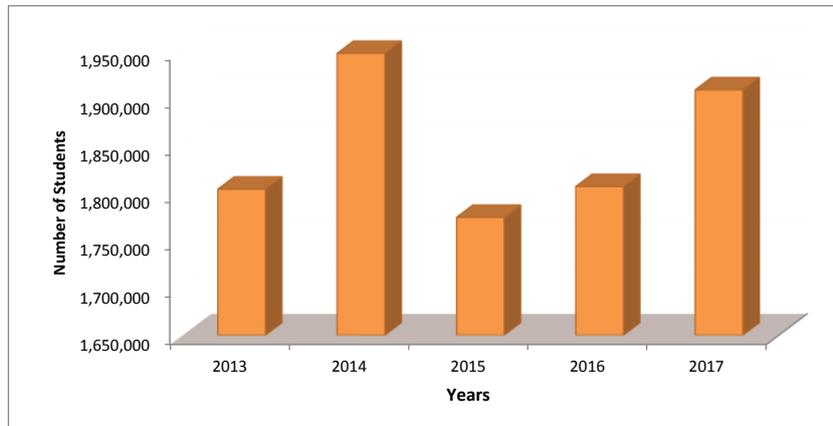
Secondary Education

Table 3.1 Enrolment of Pupils in Government and Non-Government Schools by Sex and Grade, 2013- 2017

Ownership and Level	2013		2014		2015		2016		2017	
	F	T	F	T	F	T	F	T	F	T
i) Form 5 - 6										
Total	24,654	75,522	24,854	77,069	50,421	126,024	50,233	131,362	57,278	140,967
Government	16,228	57,279	17,388	60,518		97,150	34,230	92,540	39,805	97,243
Non-Government	8,426	18,243	7,466	16,551		28,874	16,003	38,822	17,473	43,724

Secondary Education

Chart 3.1: Total Enrolment of Pupils in Government and Non-Government Schools, 2013-2017



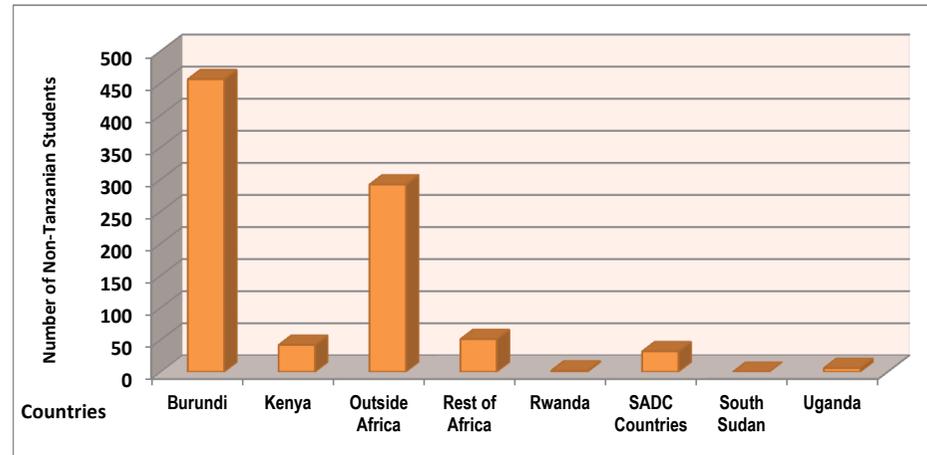
Secondary Education

Table 3.2: Total Enrolment of Non-Tanzanian Pupils by Citizenship and Grade, 2017

COUNTRY	Form 1	Form 2	Form 3	Form 4	Form 5	Form 6	Grand Total	% of T
Burundi	153	176	83	44	0	0	456	51.8
Kenya	10	7	5	9	5	6	42	4.8
Outside Africa	63	53	49	51	33	43	292	33.1
Rest of Africa	6	14	11	8	7	5	51	5.8
Rwanda	0	0	1	0	1	0	2	0.2
SADC Countries	3	9	7	3	4	6	32	3.6
South Sudan	0	0	0	0	0	0	0	0
Uganda	2	0	0	1	1	2	6	0.7
Grand Total	237	259	156	116	51	62	881	100
% of Enrolment	26.9	29.4	17.7	13.2	5.8	7.0	100.0	

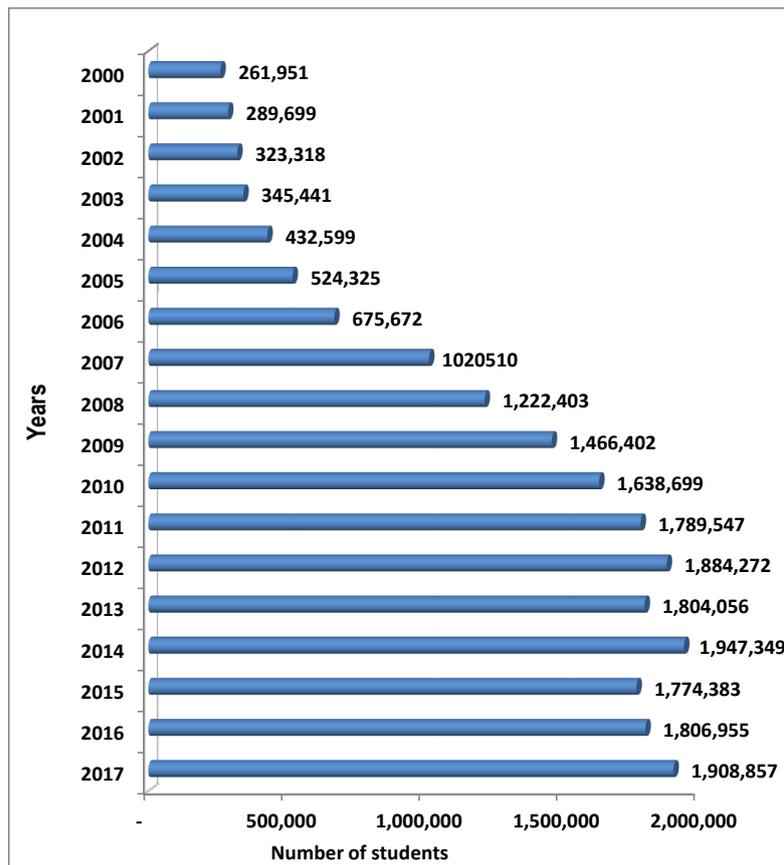
Secondary Education

Chart 3.2: Enrolment of Non-Tanzanian Pupils by Citizenship, 2017



Secondary Education

Chart 3.3: Pupils' Enrolment Trend in Secondary Education, 2000 - 2017



Secondary Education

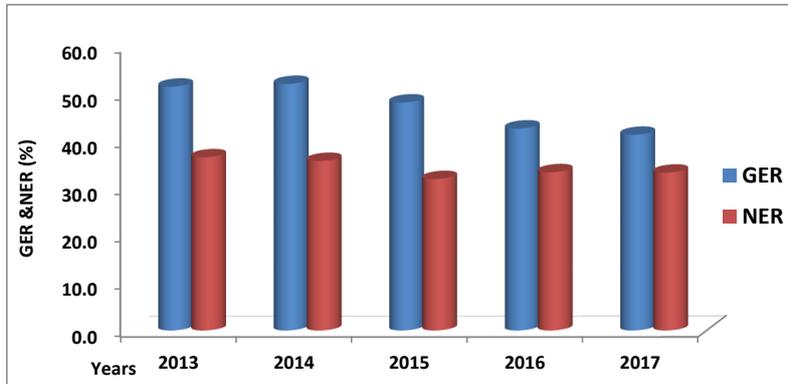
Table 3.3: Gross and Net Enrolment Rates (GER and NER) for Secondary School Pupils, Form 1-4, 2013- 2017

Form 1-4 Enrolment Age	2013		2014		2015		2016		2017	
	F	T	F	T	F	T	F	T	F	T
<14	52,525	88,793	157,061	303,962	145,166	277,189	63,204	105,057	64,310	102,375
14-17	646,567	1,280,387	654,502	1,285,909	608,237	1,178,479	681,010	1,313,021	748,986	1,425,813
18-19+	141,119	359,354	113,299	280,409	124,388	318,715	106,612	257,515	90,876	239,702
Grand Total	840,211	1,728,534	924,862	1,870,280	877,791	1,774,383	850,826	1,675,593	904,172	1,767,890
Population Age 14-17	1,738,327	3,504,186	1,783,524	3,595,295	1,829,895	3,688,773	1,966,266	3,932,533	2,165,450	4,281,685
GER	48.3	51.4	51.9	52.0	48.0	48.1	43.3	42.6	41.8	41.3
NER	37.2	36.5	36.7	35.8	33.2	31.9	34.6	33.4	34.6	33.3

Source: National Bureau of Statistics - Population data.

Secondary Education

Chart 3.4: Gross and Net Enrolment Rates for Secondary School Pupils, Form 1-4, 2013- 2017



Secondary Education

**Table 3.4: Gross and Net Enrolment Rates (GER and NER) for Secondary School Pupils,
Form 5&6, 2013 - 2017**

Form 5-6 Enrolment Age	2013		2014		2015		2016		2017	
	F	T	F	T	F	T	F	T	F	T
Under 18	3,741	6,740	3,573	6,672	7,249	11,736	5,684	11,717	3,428	7,364
18 - 19	13,798	33,301	14,754	38,038	29,931	63,644	27,572	62,207	30,826	62,865
Over 19	7,115	35,481	6,527	32,359	13,241	50,644	16,977	57,438	23,024	70,738
Grand Total	24,654	75,522	24,854	77,069	50,421	126,024	50,233	131,362	57,278	140,967
Population Age 18-19	960,946	1,819,354	985,931	1,866,657	1,011,565	1,915,190	1,015,868	1,920,320	1,091,513	2,062,422
GER	2.6	4.2	2.5	4.1	5.0	6.6	4.9	6.8	5.2	6.8
NER	1.4	1.8	1.5	2.0	3.0	3.3	2.7	3.2	2.8	3.0

Source: National Bureau of Statistics - Population data.

Secondary Education

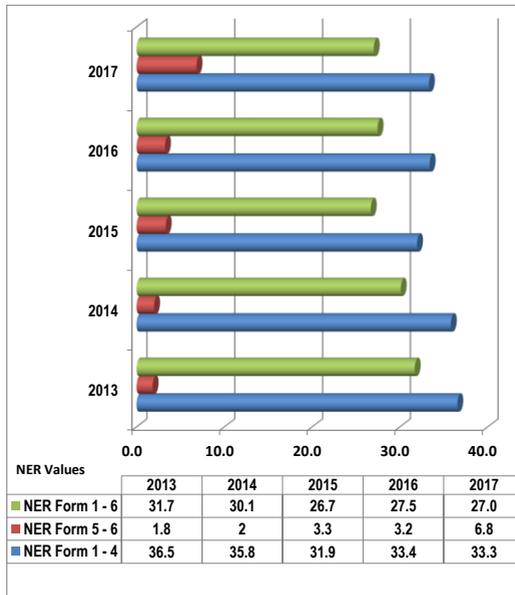
Table 3.5: Gross and Net Enrolment Rates (GER and NER) for Secondary School Pupils, Form 1-6, 2013-2017

Form 1-6 Enrolment	2013		2014		2015		2016		2017	
	F	T	F	T	F	T	F	T	F	T
< 14	52,562	89,042	157,061	303,962	145,166	277,189	63,207	105,064	64,311	102,376
14 - 19	785,725	1,618,418	776,445	1,580,466	717,643	1,440,232	813,730	1,620,533	868,633	1,714,300
>19	26,578	96,596	16,210	62,921	14,982	56,962	24,122	81,358	28,506	92,181
Grand Total	864,865	1,804,056	949,716	1,947,349	877,791	1,774,383	901,059	1,806,955	961,450	1,908,857
Population Age 14-19	2,538,478	5,107,603	2,609,555	5,250,616	2,682,623	5,397,633	3,031,165	5,901,884	3,256,963	6,344,108
GER	34.1	35.3	36.4	37.1	32.7	32.9	29.7	30.6	29.5	30.1
NER	31.0	31.7	29.8	30.1	26.8	26.7	26.8	27.5	26.7	27.0

Note: National Bureau of Statistics - Population data.

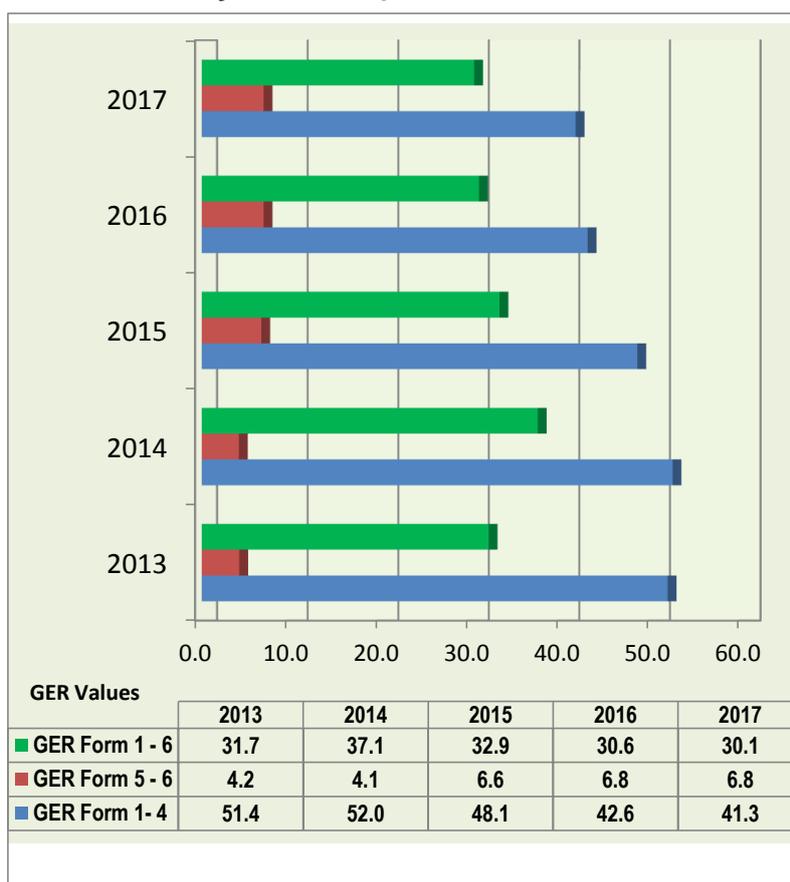
Secondary Education

Chart 3.5: Trend in Net Enrolment Rates (NERs) for Secondary School Pupils, Form 1-6, 2013-2017



Secondary Education

Chart 3.6: Trend in Gross Enrolment Rates (GERs) for Secondary School Pupils, Form 1-6, 2013 - 2017



Secondary Education

Table 3.6: Comparison of Pupils' Enrolment and Population for Secondary Education, 2017

Ages (Years)	Population			Enrolment		
	M	F	T	M	F	T
< 14 Years				38,065	64,311	102,376
14 Years	573,100	585,266	1,158,367	115,830	162,305	278,135
15 Years	548,350	540,610	1,088,959	181,248	217,776	399,024
16 Years	512,298	538,940	1,051,238	195,122	205,029	400,151
17 Years	482,488	500,633	983,121	188,563	167,303	355,866
18 Years	570,554	619,984	1,190,538	105,591	77,883	183,474
19 Years	400,355	471,529	871,885	59,313	38,337	97,650
>19 Years				63,675	28,506	92,181
Total	3,087,145	3,256,963	6,344,108	947,407	961,450	1,908,857

Secondary Education

Table 3.7: Enrolment in Secondary Schools, Form 4 Pupils by Age and Sex, 2011-2013 and 2016-2017

Age (Years)	2011		2012		2013		2016		2017	
	F	T	F	T	F	T	F	T	F	T
<17	15,328	27,910	20,497	36,827	24,795	44,290	35,681	59,605	30,972	49,165
17	35,611	69,589	53,175	102,977	53,912	103,790	68,755	124,300	67,569	121,585
> 17	92,513	236,139	106,548	264,781	91,181	220,795	75,131	168,004	57,301	138,081
Grand Total	143,452	333,638	180,220	404,585	169,888	368,875	179,567	351,909	155,842	308,831
Population 17 Years	464,736	932,144	478,213	959,177	440,926	868,619	464,388	912,579	500,633	983,121
Gross Completion Rate	30.9	35.8	37.7	42.2	38.5	42.5	38.7	38.6	31.1	31.4
Net Completion Rate	7.7	7.5	11.1	10.7	12.2	11.9	14.8	13.6	13.5	12.4

Secondary Education

Table 3.8: Number of Pupils with Disabilities in Government and Non-Government Schools by Type of Disability, Grade and Sex, 2017 *Cont 'd...*

Grade	Albino		Autism		Deaf/Mute		Deaf Blind	
	F	T	F	T	F	T	F	T
Form 1	74	160	3	9	170	351	5	14
Form 2	85	162	6	13	163	337	7	15
Form 3	45	93	0	6	118	217	16	24
Form 4	41	94	2	5	84	192	10	12
Form 5	12	27	0	0	9	17	3	7
Form 6	10	18	0	0	6	10	0	0
Total	267	554	11	33	550	1124	41	72

Secondary Education

Table 3.8: Number of Pupils with Disabilities in Government and Non-Government Schools by Type of Disability, Grade and Sex, 2017

Grade	Intellectual Impaired		Physically Impaired		Poor vision		Visually Impaired	
	F	T	F	T	F	T	F	T
Form 1	14	34	311	830	548	994	79	158
Form 2	18	42	332	775	556	959	74	135
Form 3	10	28	232	544	494	853	27	76
Form 4	5	16	148	382	455	709	36	79
Form 5	0	1	21	66	78	125	6	17
Form 6	0	0	16	34	70	129	0	9
Total	47	121	1060	2631	2201	3769	222	474

Secondary Education

Table 3.9: Number of Orphan Pupils in Government and Non-Government Schools by Ownership and Sex, 2017

Ownership	Orphans (Both Parents)		Orphans (Single Parent)		Grand Total	
	F	T	F	T	F	T
Government	22,223	43,870	91,502	178,217	113,725	222,087
Non-Government	4,408	7,870	11,794	20,815	16,202	28,685
Grand Total	26,631	51,740	103,296	199,032	129,927	250,772
% of Enrolment	2.7		10.4		13.1	

Secondary Education

Table 3.10: Number of Pupils Living in Vulnerable Environment in Government and Non-Government Schools by Vulnerability Type and Sex, 2017

Ownership	Family with poor income		Pupils living near/passing in wild animals areas		Pupils using marine transport		Pupils who are heads of the household		Sick Pupils for more than 3 Months	
	F	T	F	T	F	T	F	T	F	T
Government	75,363	145,121	3,754	8,004	1,144	2,498	3,131	8,154	2,261	3,985
Non-Government	3,653	6,779	2	4	31	69	38	180	153	233
Total	79,016	151,900	3,756	8,008	1,175	2,567	3,169	8,334	2,414	4,218
% of Enrolment	8.0		0.4		0.1		0.4		0.2	

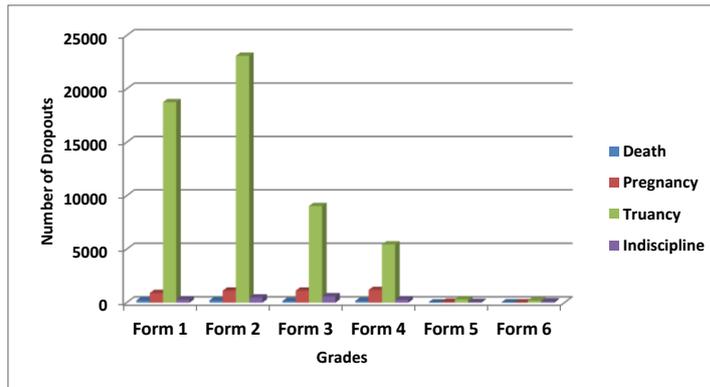
Secondary Education

Table 3.11: Number of Dropouts in Government and Non-Government Schools by Reason, Grade and Sex, 2016

GRADE	Death		Pregnancy		Truancy		Indiscipline		TOTAL	
	F	T	F	T	F	T	F	T	F	T
Form 1	84	218	903	903	7,892	18,759	126	291	9,005	20,171
Form 2	95	216	1,127	1,127	9,898	23,100	159	484	11,279	24,927
Form 3	59	151	1,124	1,124	4,254	9,042	221	589	5,658	10,906
Form 4	64	167	1,190	1,190	2,661	5,445	83	283	3,998	7,085
Form 5	7	16	77	77	95	300	18	67	197	460
Form 6	9	21	21	21	84	197	17	115	131	354
Grand Total	318	789	4,442	4,442	24,884	56,843	624	1,829	30,268	63,903
% of Total	1.1	1.2	14.7	7.0	82.2	89.0	2.1	2.9		

Secondary Education

Chart 3.7: Number of Dropouts in Government and Non-Government Schools by Grade and Reason, 2016



Secondary Education

Table 3.12: Number of Dropouts in Government and Non-Government Schools by Reason and Sex, 2016

Ownership	Death		Pregnancy		Truancy		Indiscipline		Total	
	F	T	F	T	F	T	F	T	F	T
Government	276	682	4,299	4,299	23,878	54,749	406	1,102	28,859	60,832
Non-Government	42	107	143	143	1,006	2,094	218	727	1,409	3,071
Grand Total	318	789	4,442	4,442	24,884	56,843	624	1,829	30,268	63,903
% of Total Dropout	0.50	1.23	6.95	6.95	38.94	88.95	0.98	2.86	47.37	100

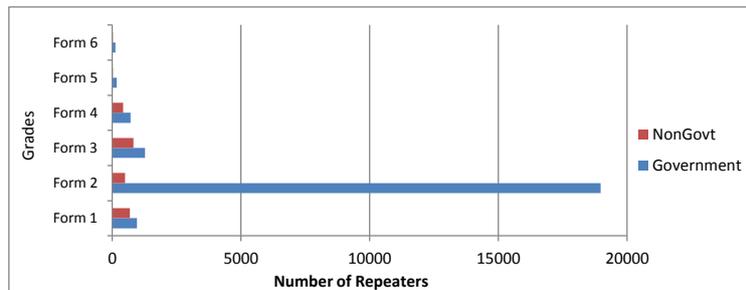
Secondary Education

Table 3.13: Number of Repeaters in Government and Non-Government Schools by Grade and Sex, 2017

Ownership	Form 1		Form 2		Form 3		Form 4		Form 5		Form 6		Grand total	
	F	T	F	T	F	T	F	T	F	T	F	T	F	T
Government	490	959	10,199	18,967	597	1,270	359	712	82	174	40	119	11,767	22,201
NonGovt	419	682	314	499	462	817	233	417	8	18	14	18	1,450	2,451
Grand Total	909	1,641	10,513	19,466	1,059	2,087	592	1,129	90	192	54	137	13,217	24,652
Percentage	6.9	6.7	79.5	79.0	8.0	8.5	4.5	4.6	0.4	0.8	0.2	0.6	53.6	100

Secondary Education

Chart 3.8: Number of Repeaters in Government and Non-Government Schools by Grade, 2017



Secondary Education

**Table 3.14: Trend of Repeaters in Government Schools by Sex and Grade, 2011-2013
and 2016-2017**

GRADE	2011		2012		2013		2016		2017	
	F	T	F	T	F	T	F	T	F	T
Form 1	3,282	6,022	1,427	4,709	626	1,234	686	1,613	490	959
Form 2	3,360	6,300	1,903	5,263	36,525	71,301	10,373	20,426	10,199	18,967
Form 3	3,327	6,321	1,829	5,156	1,709	3,351	704	1,434	597	1,270
Form 4	3,416	6,280	1,573	4,989	1,048	1,912	346	730	359	712
Form 5	450	673	1,376	1,826	120	797	89	140	82	174
Form 6	41	878	1,268	1,309	158	789	100	232	40	119
Grand Total	13,876	26,474	9,376	23,252	40,186	79,384	12,298	24,575	11,767	22,201

Secondary Education

**Table 3.15: Trend of Repeaters in Non-Government Schools by Sex and Grade,
2011-2013 and 2016-2017**

GRADE	2011		2012		2013		2016		2017	
	F	T	F	T	F	T	F	T	F	T
Form 1	455	794	899	1627	927	1389	375	648	419	682
Form 2	327	607	641	1130	1862	2945	375	650	314	499
Form 3	378	717	633	1097	1048	1658	499	888	462	817
Form 4	371	703	557	979	797	1267	349	639	233	417
Form 5	141	277	234	424	250	374	9	19	8	18
Form 6	114	211	211	352	163	205	7	9	14	18
Grand Total	1786	3309	3175	5609	5047	7838	1614	2853	1450	2451
% Change			77.8	69.5	59.0	39.7	-68.0	-63.6	-69.4	-69.0

Secondary Education

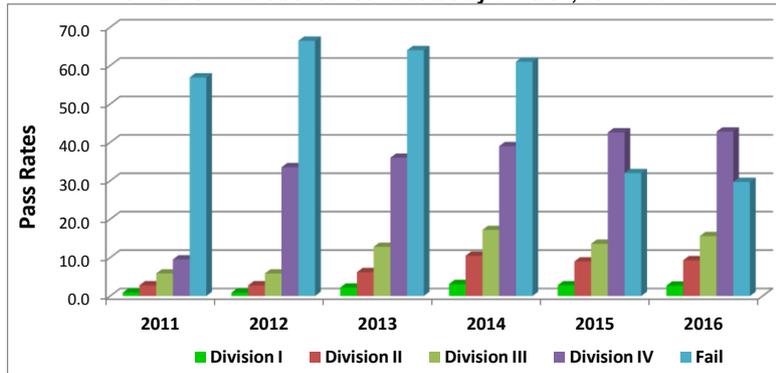
Table 3.16: Summary of Pass Rates in Form 4 Examination (CSEE) for Government and Non-Government School Candidates by Division, 2011-2016

Year	Division (in %)					Percent Passed	Percent Failed	Total No of Candidates Sat
	I	II	III	I - III	IV			
2011	1.1	2.4	6.5	10.0	43.6	53.6	46.4	339,330
2012	0.9	2.8	5.9	9.5	33.5	43.1	56.9	397,222
2013	2.2	6.2	12.8	21.2	36.0	57.2	42.8	352,614
2014	3.1	10.5	17.2	30.8	39.0	69.8	30.2	240,310
2015	2.8	9.0	13.6	25.4	42.6	67.9	32.0	384,300
2016	2.7	9.3	15.6	27.6	42.8	70.4	29.7	349,524

Source: NECTA, 2011-2016

Secondary Education

Chart 3.9: Pass Rates Trend for Form 4 Examination (CSEE) for Government and Non-Government School Candidates by Division, 2011 - 2016



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Table 3.17: Trend in Transition Rates from Form 4 to Form 5, 2011 - 2016

Year	Number of Candidates Sat	Number of Candidates Passed	Number of Candidates Enrolled to Form 5	% Enrolled to Form 5 Vs Candidates Sat	% Enrolled to Form 5 Vs Candidates Passed Examination
2011	339,330	180,216	40,890	12.1	22.7
2012	370,837	159,747	39,173	10.6	24.5
2013	403,789	235,227	42,484	10.5	18.1
2014	240,410	167,643	66,090	27.5	39.4
2015	384,300	240,996	66,465	17.3	27.6
2016	349,524	244,762			

Source: NECTA, 2011-2016

Secondary Education

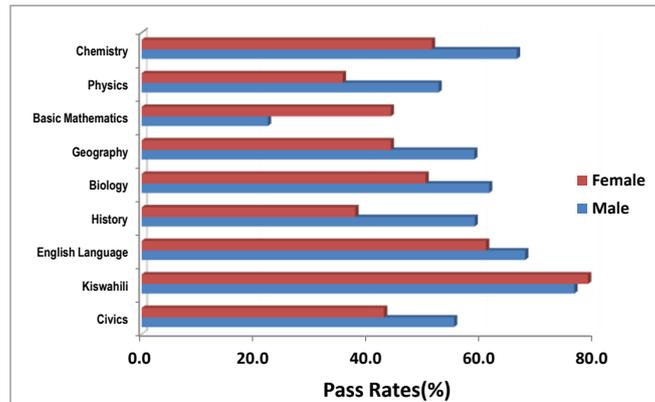
Table 3.18: Summary of Pass Rates for Form 4 Examination (CSEE) in Government and Non Government School Candidates by Subject and Sex, 2016

Subject	Candidate Sat		Candidate Passed			
	F	T	F	%	T	%
Civics	177,957	347,682	76,274	42.9	170,026	48.9
Kiswahili	177,982	347,808	140,462	78.9	270,404	77.7
English Language	177,973	347,775	108,375	60.9	223,506	64.3
History	174,584	340,364	65,977	37.8	163,588	48.1
Biology	177,393	346,574	89,045	50.2	192,994	55.7
Geography	177,850	346,914	78,347	44.1	177,750	51.2
Basic Mathematics	177,927	347,626	25,099	14.1	62,990	18.1
Physics	58,586	128,329	20,840	35.6	57,453	44.8
Chemistry	77,272	163,194	39,649	51.3	96,651	59.2

Source: NECTA, 2016

Secondary Education

Chart 3.10: Summary of Pass Rates for Form 4 Examination (CSEE) in Government and Non Government School Candidates by Subject and Sex, 2016



Secondary Education

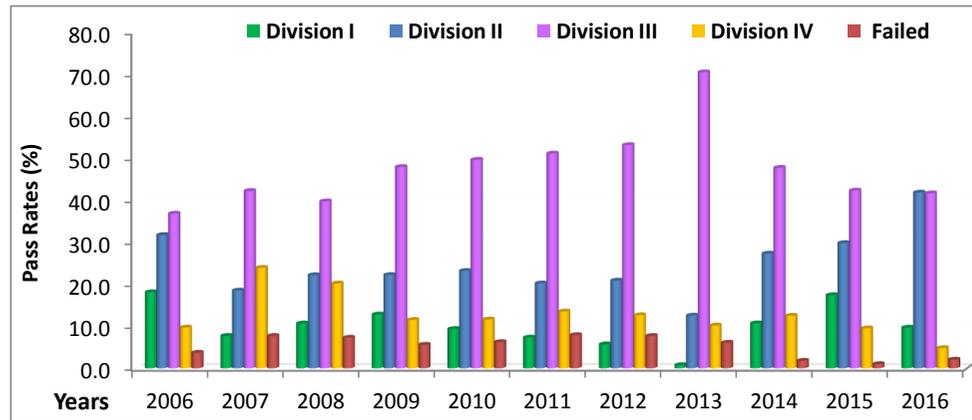
Table 3.19: Summary of Pass Rates in Form 6 Examination (ACSEE) in Government and Non-Government Schools by Division, 2010 - 2016

Year	Division					Percent Passed	Percent Failed	Total No of Candidates Examined
	I	II	III	I - III	IV			
2010	9.4	23.2	49.6	82.2	11.6	93.8	6.2	48,791
2011	7.3	20.2	51.1	78.6	13.5	92.1	7.9	44,720
2012	5.7	20.9	53.1	79.7	12.6	92.3	7.7	44,188
2013	0.8	12.5	70.5	83.8	10.2	93.9	6.1	42,952
2014	10.7	27.3	47.7	85.7	12.5	98.2	1.8	35,418
2015	17.4	29.8	42.3	89.5	9.5	99.0	1.0	35,176
2016	9.7	41.8	41.6	93.1	4.8	97.9	2.1	64,861

Source: NECTA, 2010-2016

Secondary Education

Chart 3.11: Pass Rates Summary of Form 6 Examination (ACSEE) in Government and Non-Government Schools, 2006 - 2016



Secondary Education

Table 3.20: Number of All Teachers in Government and Non-Government Schools, 2013-2017

ITEM	2013		2014		2015		2016		2017	
	F	T	F	T	F	T	F	T	F	T
Total Teachers	23,855	73,407	26,893	80,529	32,856	94,598	37,873	108,596	38,456	110,163
Government	20,737	58,028	23,900	65,390	27,950	75,127	34,108	89,554	34,142	89,475
Non-Government	3,118	15,379	2,993	15,139	4,906	19,471	3,765	19,042	4,314	20,688
Qualified Teachers										
Total	22,013	65,513	26,663	80,099		92,439	35,806	100,636	36,391	102,208
Government	19,482	53,484	23,900	65,390		74,168	32,713	85,600	32,696	85,333
Non-Government	2,531	12,029	2,763	14,709		18,271	3,093	15,036	3,695	16,875

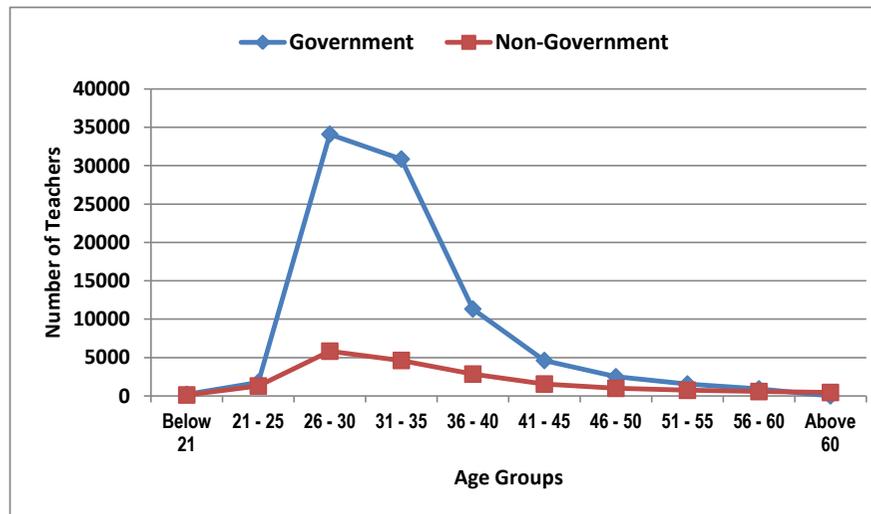
Secondary Education

Table 3.21: Number of Permanent Teachers in Government and Non-Government Schools by Age, 2017

Ownership	Below 21	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56-60	Above 60	Total T/Staff
Government	199	1,773	34,103	30,867	11,326	4,615	2,500	1,550	917	7	87,857
Non-Government	119	1,292	5,830	4,620	2,842	1,546	991	733	566	446	18,985
Total	318	3,065	39,933	35,487	14,168	6,161	3,491	2,283	1,483	453	106,842

Secondary Education

Chart 3.12: Number of Permanent Teachers in Government and Non-Government Schools by Age, 2017



Secondary Education

Table 3.22: Number of Classrooms, Pit Latrines, Teachers' Houses in Government and Non-Government Schools by Sex, 2017

Ownership	Number of Pit Latrines			PLR			Number of Classrooms	PCR	Teachers' Houses			Total Teachers
	Boys	Girls	Total	Boys	Girls	Total			Required	Available	Shortage	
Government	24,584	26,743	51,327	1:32	1:29	1:30	39,490	1:40	82,738	12,922	69,816	87,857
Non-Government	13,427	15,879	29,306	1:12	1:11	1:12	12,498	1:27	10,937	5,070	5,867	18,985
Grand Total	38,011	42,622	80,633	1:25	1:23	1:24	51,988	1:37	93,675	17,992	75,683	106,842

Secondary Education

Table 3.23: Number of Laboratories in Government and Non Government Schools, 2017

Ownership	Biology Laboratories			Chemistry Laboratories			Physics Laboratories		
	Needed	Available	Shortage	Needed	Available	Shortage	Needed	Available	Shortage
Government	3630	1760	1870	3648	1884	1764	3620	1652	1968
% of Shortage		51.5			48.4			54.4	
Non-Government	1166	943	223	1179	1025	154	1177	994	183
% of Shortage		19.1			13.1			15.5	
TOTAL	4796	2703	2093	4827	2909	1918	4797	2646	2151
% of Shortage		43.6			39.7			44.8	

Secondary Education

Table 3.24: Number of Furniture in Government and Non-Government School and Ratios, 2017

Ownership	Enrolment	Pupils' Chairs	Pupils' Tables	PDR(c)	PDR(t)
Government	1,565,201	1,469,904	1,479,691	1:1	1:1
Non-Government	94,902	95,557	97,339	1:1	1:1
Grand Total	1,908,857	1,907,767	1,908,056	1:1	1:1

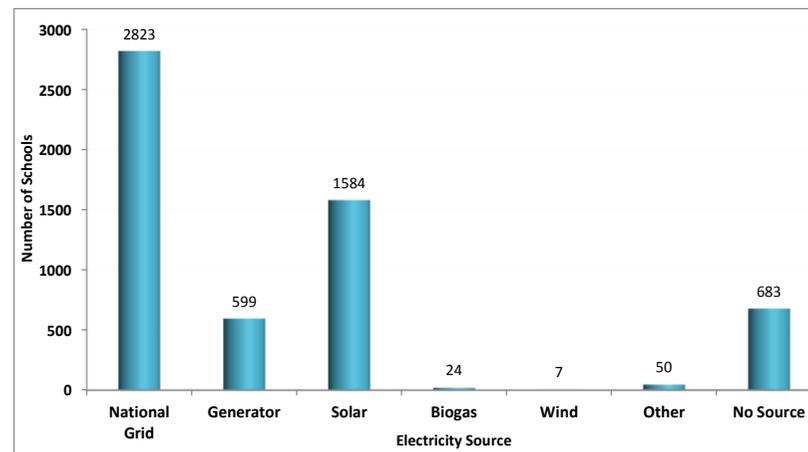
Secondary Education

Table 3.25: Number of Government and Non-Government Schools with Electric Power by Source of Electricity, 2017

Ownership	Number of Schools	Electricity Sources						
		National Grid	Generator	Solar	Biogas	Wind	Other	No Source
Government	3604	1825	159	1270	4	2	34	680
Non-Government	1192	998	440	314	20	5	16	3
Total	4796	2823	599	1584	24	7	50	683
% of schools using the source		58.9	12.5	33.0	0.5	0.1	1.0	14.2

Secondary Education

Chart 3.13: Number of Government and Non-Government Schools with Electric Power by Source of Electricity, 2017



Secondary Education

Table 3.26: Number of ICT Equipment Available in Government and Non-Government Schools by Equipment Type, 2017

Ownership	Deck/DVD	Desktop Computers	Laptop Computers	Photocopier	Printer	Projector	Radio	Smart Phone/ Tablets	TV
Government	444	8,598	1,851	1,436	1,840	609	324	1,317	1,498
Non-Government	760	15,947	3,914	1,451	2,292	880	465	1,649	1,241
Total	1,204	24,545	5,765	2,887	4,132	1,489	789	2,966	2,739

Secondary Education

Table 3.27: Number of Students in Government and Non-Government Schools by Subject, 2017

Subject	Total Number of Students (FORM 1-4)	Total Number of Students (FORM 5-6)	Total Number of Students (FORM 1-6)
Accounting		3,853	3,853
Advanced Mathematics		22,529	22,529
Agriculture	70,799	1,757	72,556
Basic Applied Mathematics		56,112	56,112
Basic Mathematics	1,767,890		1,767,890
Biology	1,767,890	46,938	1,814,828
Book Keeping	292,519		292,519
Chemistry	1,498,816	56,615	1,555,431
Civics	1,767,890		1,767,890
Commerce	288,918	2,769	291,687
Economics		19,082	19,082
English Language	1,767,890	36,883	1,804,773
General Studies		140,967	140,967
Geography	1,767,890	74,220	1,842,110
History	1,756,100	59,554	1,815,654
Kiswahili	1,767,890	33,467	1,801,357
Physics	1,417,952	36,313	1,454,265

Secondary Education

Table 3.28: Number of Textbooks in Government and Non-Government Schools by Subject, 2017

Subject	Total Textbooks (FORM 1-4)	Total Textbooks (FORM 5-6)	Total Textbooks (FORM 1-6)
Accounting		3,046	3,046
Advanced Mathematics		14,357	14,357
Agriculture	15,365	1,604	16,969
Basic Applied Mathematics		25,364	25,364
Basic Mathematics	1,551,680		1,551,680
Biology	1,246,536	26,472	1,273,008
Book Keeping	85,450	-	85,450
Chemistry	1,152,667	27,415	1,180,082
Civics	384,074		384,074
Commerce	79,934	3,770	83,704
Economics		9,337	9,337
English Language	1,212,225	33,491	1,245,716
General Studies		23,417	23,417
Geography	941,761	37,814	979,575
History	896,388	39,264	935,652
Kiswahili	644,688	43,645	688,333
Physics	1,137,298	23,677	1,160,975

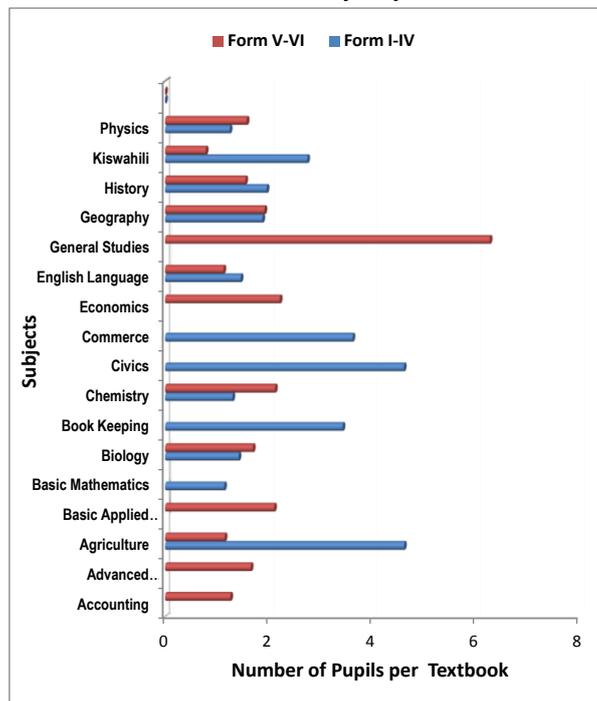
Secondary Education

Table 3.29: Pupil-Textbook Ratio (PBR) in Government and Non-Government Schools by Subject, 2017

Subject	AVERAGE PBR (FORM 1-4)	AVERAGE PBR (FORM 5-6)	AVERAGE PBR (FORM 1-6)
Accounting		1:1	1:1
Advanced Mathematics		1:2	1:2
Agriculture	1:5	1:1	1:4
Basic Applied Mathematics		1:2	1:2
Basic Mathematics	1:1		
Biology	1:1	1:2	1:1
Book Keeping	1:3		
Chemistry	1:1	1:2	1:1
Civics	1:5		
Commerce	1:4	1:1	1:3
Economics		1:2	1:2
English Language	1:1	1:1	1:1
General Studies		1:6	1:6
Geography	1:2	1:2	1:2
History	1:2	1:2	1:2
Kiswahili	1:3	1:1	1:3
Physics	1:1	1:2	1:1
AVERAGE PBR	1:2	1:2	1:1

Secondary Education

Chart 3.14: Pupil-Textbook Ratio (PBR) in Government and Non-Government Schools by Subject, 2017



Secondary Education

Table 3.30: Number of Students in Government Schools by Subject, 2017

SUBJECT	Total Number of Students (FORM 1-4)	Total Number of Students (FORM 5-6)	Total Number of Students (FORM 1-6)
Accounting		2,169	2,169
Advanced Mathematics		16,600	16,600
Agriculture	55,955	1,314	57,269
Basic Applied Mathematics		40,345	40,345
Basic Mathematics	1,467,958		1,467,958
Biology	1,467,958	33,282	1,501,240
Book Keeping	194,120		194,120
Chemistry	1,245,069	41,178	1,286,247
Civics	1,467,958		1,467,958
Commerce	192,848	1,756	194,604
Economics		12,606	12,606
English Language	1,467,958	23,530	1,491,488
General Studies		97,243	97,243
Geography	1,467,958	53,090	1,521,048
History	1,460,095	40,617	1,500,712
Kiswahili	1,467,958	22,025	1,489,983
Physics	1,177,001	26,225	1,203,226

Secondary Education

**Table 3.31: Number of Textbooks in
Government Schools by Subject, 2017**

Subject	Form 1-4	Form 5-6
Accounting		597
Advanced Mathematics		6,220
Agriculture	8,044	1,378
Basic Applied Mathematics		16,744
Basic Mathematics	1,370,220	
Biology	1,075,732	16,172
Book Keeping	25,336	
Chemistry	1,000,280	15,815
Civics	238,225	
Commerce	21,869	581
Economics		3,234
English Language	1,014,948	19,409
General Studies		6,921
Geography	783,079	21,852
History	742,920	24,279
Kiswahili	470,059	29,281
Physics	993,101	13,248

Secondary Education

Table 3.32: Pupil-Textbook Ratio (PBR) in Government Schools by Subject, 2017

Subject	Form 1-4	Form 5-6
Accounting		1:4
Advanced Mathematics		1:3
Agriculture	1:7	1:1
Basic Applied Mathematics		1:2
Basic Mathematics	1:1	
Biology	1:1	1:2
Book Keeping	1:8	
Chemistry	1:1	1:3
Civics	1:6	
Commerce	1:9	1:3
Economics		1:4
English Language	1:1	1:1
General Studies		1:14
Geography	1:2	1:2
History	1:2	1:2
Kiswahili	1:3	1:1
Physics	1:1	1:2
AVERAGE PBR	1:2	1:2

Secondary Education

Table 3.33: Number of Secondary Schools by Ownership, 2017

School Ownership	Number of Schools		Number of Students		Average Number of Students per School
	No.	%	No.	%	
Government	3,604	75.1	1,565,201	82.0	434
Non-Government	1,192	24.9	343,656	18.0	288
Grand Total	4,796	100.0	1,908,857	100	398

Secondary Education

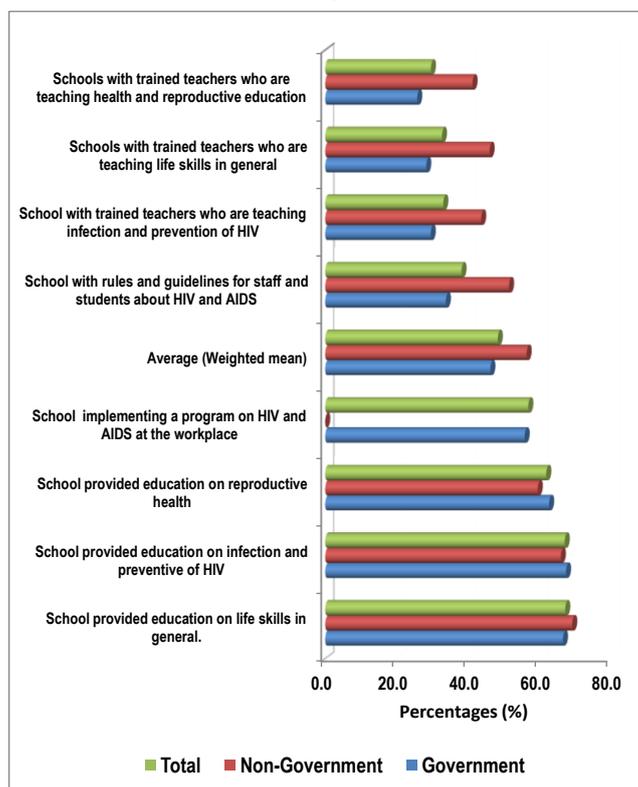
Table 3.34: Number and Percentage of Schools Providing Comprehensive Sexuality Education (CSE), 2017

Items	Government		Overall	
	No. of Schools	% of Schools	No. of Schools	% of Schools
School with rules and guidelines for staff and students about HIV and AIDS	1,218	33.8	1,832	38.2
School implementing a program on HIV and AIDS at the workplace	2,014	55.9	2,729	56.9
School provided education on infection and preventive of HIV	2,432	67.5	3,219	67.1
School provided education on life skills in general	2,401	66.6	3,226	67.3
School provided education on reproductive health	2,261	62.7	2,971	61.9
Schools with trained teachers who are teaching health and reproductive education	929	25.8	1,421	29.6
Schools with trained teachers who are teaching life skills in general	1,020	28.3	1,569	32.7
School with trained teachers who are teaching infection and prevention of HIV	1,066	29.6	1,587	33.1
Average (Weighted mean)		46.3		48.4

Note 1: Total number of schools are 4,796 (3,604 Government schools and 1192 Non-Government schools)

Secondary Education

Chart 3.15: Number and Percentage of Schools Providing Comprehensive Sexuality Education (CSE), 2017



Note 1: Total number of schools are 4,796 (3,604 Government schools and 1192 Non-Government schools)

4.0 ADULT AND NON-FORMAL EDUCATION

Non-Formal Education refers to provision of education to out of school children aged 11 to 18 years outside the formal education system. The main programme offered is Complimentary Basic Education (COBET) whose cycle ranges from 2 to 3 years.

Adult Education caters for people aged 19+. The main programmes offered include Integrated Community Based Adult Education (ICBAE) which includes basic and post literacy with components of Extension services, Income Generation, Vocational Training and Non-Formal Secondary education offered through Open and Distance Learning (ODL) modes.

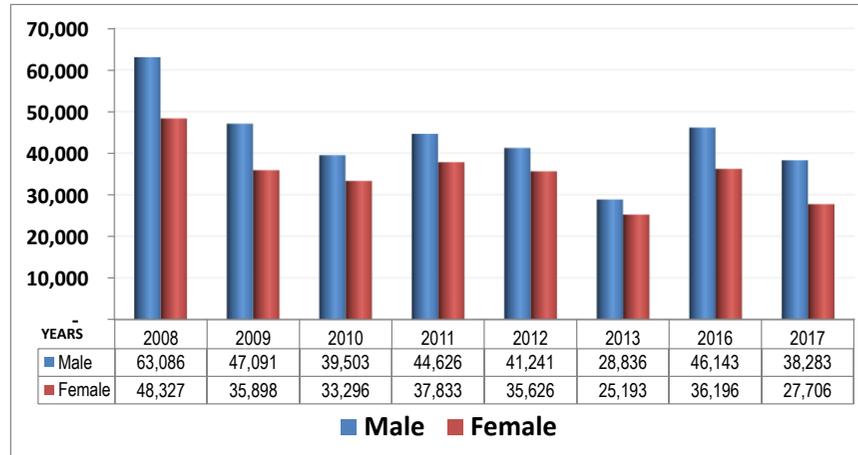
Adult and Non-Formal Education

Table 4.1: Number of COBET Learners by Cohort and Sex, 2017

COHORT	M	F	T	% of Female	GPI
COBET learners COHORT I	31,988	23,174	55,162	42.0	0.7
COBET Learners COHORT II	6,295	4,532	10,827	41.9	0.7
COBET learners COHORT I-II	38,283	27,706	65,989	42.0	0.7

Adult and Non-Formal Education

Chart 4.1: Number of COBET Learners by Sex 2008 -2013 and 2016- 2017



Adult and Non-Formal Education

Table 4.2: Number of COBET Facilitators by Qualification and Sex, 2017

Item	Qualification of Facilitators								Total		
	FORM 4		FORM 6		GRADE A		Others		M	F	T
	F	T	F	T	F	T	F	T			
Number of Facilitators	538	1330	10	29	366	885	71	212	1471	985	2456
% of total facilitators	21.9	54.2	0.4	1.2	14.9	36.0	2.9	8.6	59.9	40.1	100.0

Adult and Non-Formal Education

Table 4.3: Enrolment of ICBAE Functional Literacy Learners by Sex and Type of Programme, 2017

Items	Basic Literacy		Extension Activities		Income Generation		Life Skills	
	F	T	F	T	F	T	F	T
Enrolment	20,089	36,153	17,635	34,218	22,660	37,926	2,604	4,887
% of Enrolment by Programme	17.7	31.9	15.6	30.2	20.0	33.5	2.3	4.3
% of Female	55.6		51.5		59.7		53.3	

Adult and Non-Formal Education

Table 4.4: Enrolment of ICBAE Post Literacy Learners by Sex and Type of Programme, 2017

Items	Extension Activities		Income Generation		Vocational Skills		Life Skills	
	F	T	F	T	F	T	F	T
Enrolment	19,271	37,555	30,573	49,950	3,307	9,415	4,069	6,984
% of Enrolment by Programme	18.5	36.1	29.4	48.1	3.2	9.1	3.9	6.7
% of Female	51.3		61.2		35.1		58.3	

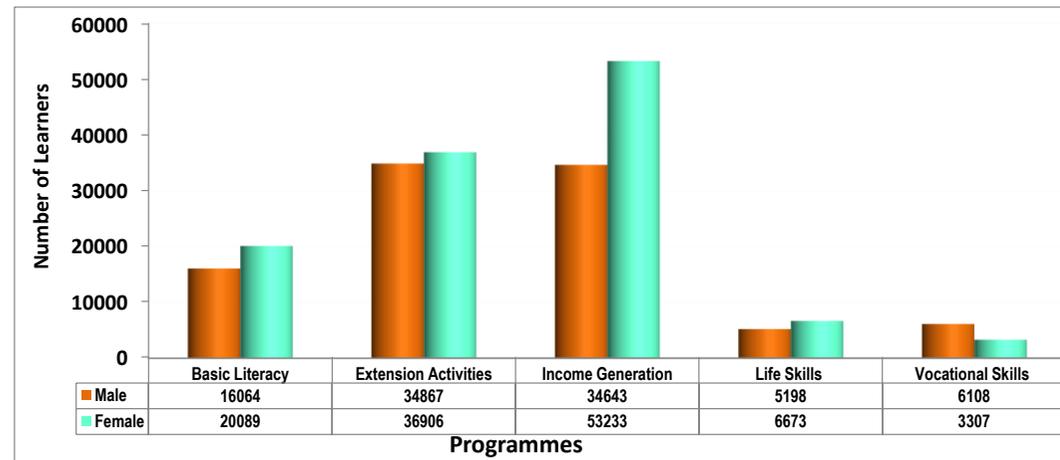
Adult and Non-Formal Education

Table 4.5: Enrolment in ICBAE Post and Functional Literacy Learners by Type of Programme and Sex, 2017

Items	Basic Literacy		Extension Activities		Income Generation		Life Skills		Vocational Skills	
	F	T	F	T	F	T	F	T	F	T
Enrolment	20,089	36,153	36,906	71,773	53,233	87,876	6,673	11,871	3,307	9,415
% of Enrolment by Programme	9.3	16.7	17.0	33.1	24.5	40.5	3.1	5.5	1.5	4.3
% of Female	55.6		51.4		60.6		56.2		35.1	

Adult and Non-Formal Education

Chart 4.2: Enrolment of ICBAE Post and Functional Literacy Learners by Type of Programme and Sex, 2017



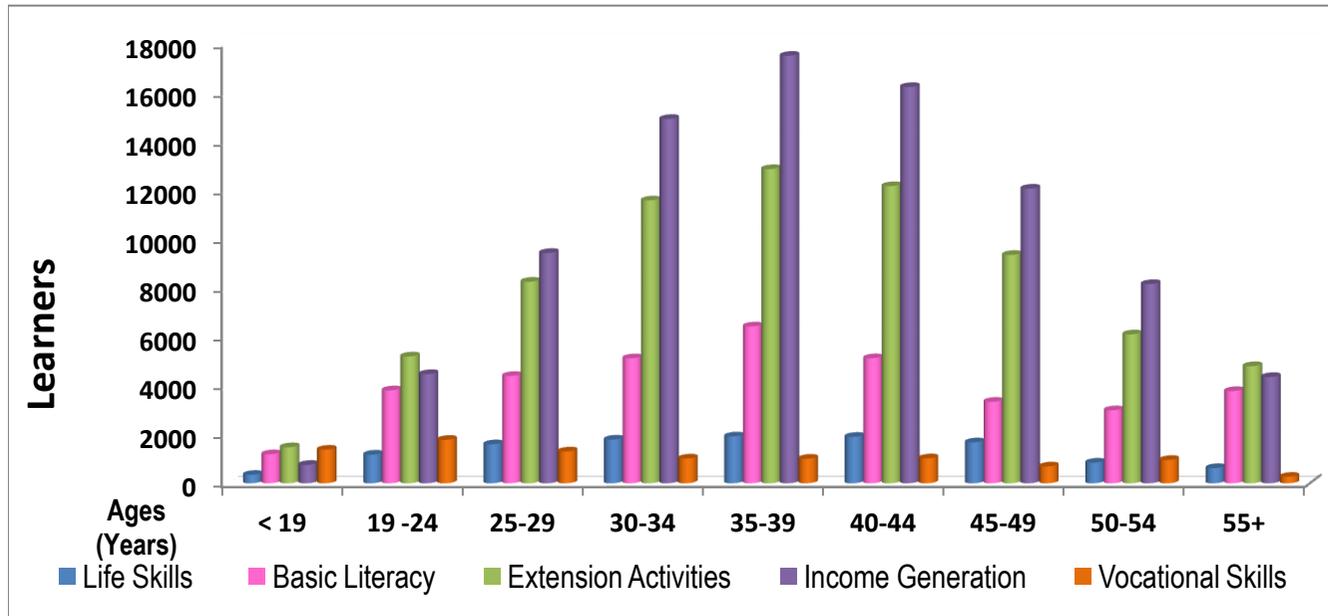
Adult and Non-Formal Education

Table 4.6: Enrolment of ICBAE Post and Functional Literacy Learners by Type of Programme, Age Groups and Sex, 2017

Years	Life Skills		Basic Literacy		Extension Activities		Income Generation		Vocational Skills	
	F	T	F	T	F	T	F	T	F	T
< 19	212	347	572	1,189	764	1,476	389	754	597	1,376
19 -24	648	1,173	1,982	3,806	2,688	5,192	2,591	4,472	750	1,779
25-29	901	1,597	2,373	4,395	4,269	8,252	5,593	9,430	476	1,304
30-34	996	1,789	3,016	5,117	6,070	11,583	8,947	14,916	345	1,015
35-39	1,111	1,919	3,562	6,422	6,577	12,864	10,715	17,503	336	1,007
40-44	1,025	1,902	2,874	5,120	6,287	12,167	10,131	16,226	316	1,022
45-49	1,013	1,677	1,859	3,338	4,735	9,349	7,391	12,065	196	689
50-54	450	844	1,644	2,990	3,123	6,096	4,953	8,157	153	956
55+	317	623	2,207	3,776	2,393	4,794	2,523	4,353	138	267
Total	6,223	11,871	20,089	36,153	36,906	71,773	53,233	87,876	3,307	9,415

Adult and Non-Formal Education

Chart 4.3: Enrolment of ICBAE Post and Functional Literacy Learners by Age Groups, 2017



Adult and Non-Formal Education

Table 4.7: Number of ICBAE Facilitators by Qualification and Sex, 2017

Item	Diploma		Grade A		Extension Officers		Others		Total	
	F	T	F	T	F	T	F	T	F	T
Number of Facilitators	139	411	962	2,506	294	897	741	1,788	2,136	5,602
% of total	7.3		44.7		16.0		31.9		100.0	

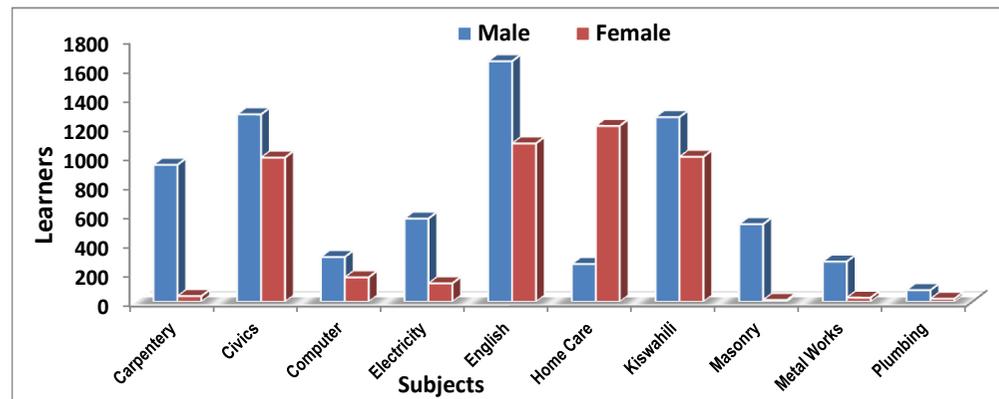
Adult and Non-Formal Education

Table 4.8: Number of Learners in Integrated Post Primary Education (IPPE) Centres by Field of Study and Sex, 2017

Field of study	IPPE I			IPPE II			Grand Total		
	M	F	T	M	F	T	M	F	T
Carpentry	502	15	517	436	23	459	938	38	976
Civics	652	503	1155	632	485	1117	1284	988	2272
Computer	191	109	300	115	58	173	306	167	473
Electricity	299	79	378	271	47	318	570	126	696
English	873	570	1443	775	515	1290	1648	1085	2733
Home Care	148	621	769	110	584	694	258	1205	1463
Kiswahili	639	504	1143	626	489	1115	1265	993	2258
Masonry	276	5	281	255	7	262	531	12	543
Mathematics	871	572	1443	783	520	1303	1654	1092	2746
Metal Works	163	13	176	112	15	127	275	28	303
Plumbing	54	12	66	25	8	33	79	20	99

Adult and Non-Formal Education

Chart 4.4: Number of Learners in Integrated Post Primary Education Centres by Field of Study and Sex, 2017



Adult and Non-Formal Education

**Table 4.9: Number of Open and Distance Learning (ODL) Learners
by Program, Level of Education and Sex, 2017**

Level of Education	Distance Learning		Evening Program		Grand Total	
	F	T	F	T	F	T
Level I (Form 1 & 2)	681	1091	1723	2866	2404	3957
Level II (Form 3 & 4)	305	564	1340	2296	1645	2860
Level II (Form 5 & 6)	47	73	102	162	149	235
Grand Total	1033	1728	3165	5324	4198	7052