

**Basic Education Statistics in Tanzania
(BEST)**

2012 - 2016

National Data

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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

Foreword

The Ministry of Education, Science and Technology (MoEST) has been publishing annually the statistics booklet named “Basic Education Statistics in Tanzania” (BEST) since 1980. This booklet contains education data at national level for the period of five years that is from 2012 to 2016.

The statistics published in this booklet does not only make people more informed but also facilitates better decision making and planning for the education Sector. The publication also provides basic indicators for all Education Sub-sectors namely, Pre-primary, Primary, Secondary, Teacher Education, Adult and Non-Formal, Folk, Vocational, Technical and Higher Education. This booklet prepared based on agreed national indicators of access (enrolment), equity, Internal efficiency, quality (Number of teachers, Examination Results), School Quality Assurance and Education Financing. It is useful for monitoring of education sector performance and tracking Sustainable Development Goals (SDG Number 4).

MoEST acknowledge the stakeholders from both Government Institutions, Private Sectors and Development Partners for their contributions made for this publication. The special acknowledgement is given to President’s Office Regional Administration and Local Government (PO RALG) for the significant effort made on processing and presenting the bigger components of this booklet that cover Pre-primary, Primary, Secondary and Adult and Non-Formal Education Sub-sectors. For further improvement of this booklet, the Ministry welcome views from our data users and all education stakeholders so as to further enrich this publication. These data can also be obtained from the ministry’s website: <http://www.moe.go.tz/statistics> and [http://www.tamisemi.go.tz/BEMIS DATA](http://www.tamisemi.go.tz/BEMIS_DATA).

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Ministry of Education, Science and Technology
Dar es Salaam, Tanzania
August, 2016

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 years 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 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 Intaket Ratio (NIR)**

Percentage of pupils/students enrolled in a first grade of a given level of education who reach final grade of that level.

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.

Summary Table of Statistics in Basic Education Subsectors, 2016

Level of Education	Ownership	Enrolment			Teaching Staff			No. of Schools/ Streams
		Male	Female	Total	Male	Female	Total	
Pre - Primary	Government	750116	738323	1488439	4030	6964	10994	15802
	Non-Government	37627	36704	74331	610	3354	3964	1055
	Total	787743	775027	1562770	4640	10318	14958	16857
Primary	Government	4115995	4226289	8342284	92096	99676	191772	16109
	Non-Government	149719	147199	296918	8630	6404	15034	1065
	Total	4265714	4373488	8639202	100726	106080	206806	17174
Secondary (FORM 1 - 6)	Government	741603	727986	1469589	55007	33852	88859	3614
	Non-Government	164293	173073	337366	11869	3074	14943	1158
	Total	905896	901059	1806955	66876	36926	103802	4772
Secondary (FORM 1 - 4)	Government	683293	693756	1377049				3566
	Non-Government	141474	157070	298544				1145
	Total	824767	850826	1675593				4711
Secondary (FORM 5 - 6)	Government	58310	34230	92540				283
	Non-Government	22819	16003	38822				298
	Total	81129	50233	131362				581
Adult and Non Formal Education (COBET)	Government	45965	36055	82020	1599	977	2576	2344
	Non-Government	178	141	319	11	10	21	8
	Total	46143	36196	82339	1610	987	2597	2352
Adult and Non Formal Education (ICBAE)	Government	178630	207830	386460	6254	3798	10052	3403
	Non-Government	530	603	1133	31	17	48	20
	Total	179160	208433	387593	6285	3815	10100	3423
Adult and Non Formal Education (IPPE)	Government	8934	5604	14538				166
	Non-Government	92	50	142				5
	Total	9026	5654	14680				171
Adult and Non Formal Education (ODL)	Government	2081	2850	4931	887	367	1254	77
	Non-Government	240	268	508	73	29	102	10
	Total	2321	3118	5439	960	396	1356	87
VET/focal Education	Government	55595	15349	70944	1312	532	1844	194
	Non - Government	65147	60000	125147	1937	1032	2969	749
	Total	120742	75349	196091	3249	1564	4813	943
Technical Education	Government				3565	1939	5504	
	Non - Government				2474	1028	3502	
	Total	57895	59172	117067	6039	2967	9006	532
Higher Education	Government	78306	38423	116729				14
	Non - Government	44342	28786	73128				39
	Total	122648	67209	189857	4626	1660	6286	53

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 year with no National Examinations for promotion purposes.

Pre-Primary Education

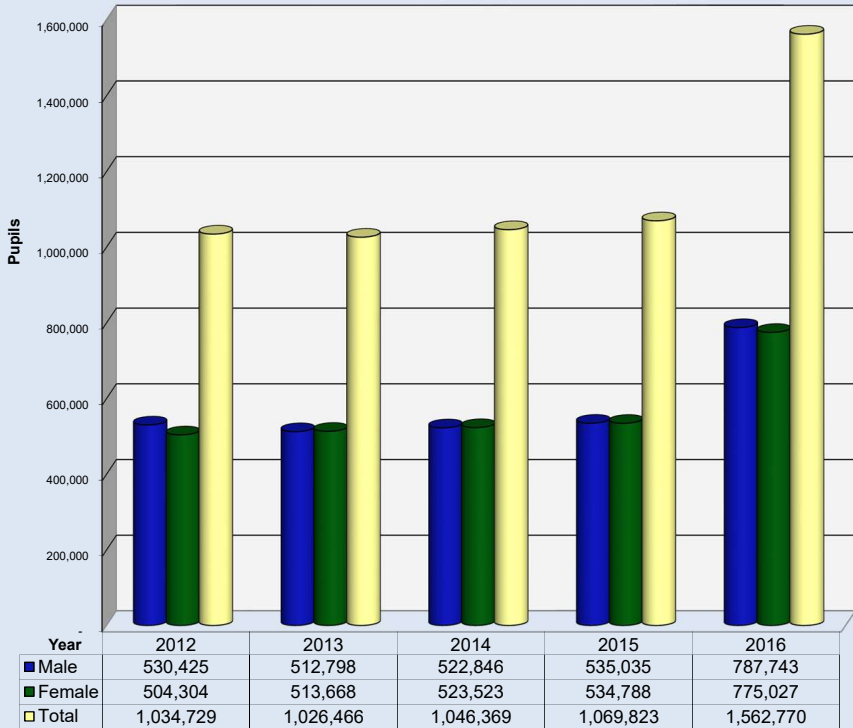
Table 1.1: Total Enrolment in Government and Non-Government Schools/Streams by Sex, 2012-2016

Type of School and Level of Aggregation	2012				2013				2014				2015				2016			
	M	F	TOTAL	% Increase	M	F	TOTAL	% Increase	M	F	TOTAL	% Increase	M	F	TOTAL	% Increase	M	F	TOTAL	% Increase
Total Govt & Non-Govt (Year I-II)	530425	504304	1034729	-3.2	512798	513668	1026466	-0.8	522846	523523	1046369	1.9	535035	534788	1069823	2.2	787743	775027	1562770	46.1
Total Government (Year I-II)	504935	480125	985060	-1.2	483720	485963	969683	-1.6	495132	497224	992356	2.3	507619	507411	1015030	2.3	750116	738323	1488439	46.6
Total Non-Government (Year I-II)	25490	24179	49669	-31.1	29078	27705	56783	14.3	27714	26299	54013	-4.9	27416	27377	54793	1.4	37627	36704	74331	35.7
Total Year I	330200	303672	633872	-1.4	296990	298074	595064	-6.1	315489	323591	639080	7.4	535035	534788	1069823	67.4	787743	775027	1562770	46.1
Government	316007	290574	606581	0.6	281339	282338	564277	-7.0	300926	309886	610812	8.2	507619	507411	1015030	66.2	750116	738323	1488439	46.6
Non-Government	14193	13098	27291	-31.6	15651	15136	30787	12.8	14563	13705	28268	-8.2	27416	27377	54793	93.8	37627	36704	74331	35.7
Total Year II	200225	200632	400857	-6.0	215808	215594	431402	7.6	207357	199332	407289	-5.6								
Government	188928	189551	378479	-4.0	202381	203025	405406	7.1	194206	187338	381544	-5.9								
Non-Government	11297	11081	22378	-30.5	13427	12569	25996	16.2	13151	12594	25745	-1.0								

Note: Total Enrolment in Pre-Primary Education has increased by 46.1% from 1,069,823 in 2015 to 1,562,770 in 2016. The increase is a result of community sensitization as well as a prevailing strong partnership of the government and parents, faith-based organizations (FBOs) and community-based organizations (CBOs) in providing Pre-Primary Education.

Pre-Primary Education

Chart 1.1: Total Enrolment in Government and Non-Government Schools/Streams by Sex, 2012 - 2016



Pre-Primary Education

Table 1.2: Trend in Enrolment of Non-Tanzanian Pupils by Citizenship and Sex, 2012-2016

COUNTRY	2012			2013			2014			2016		
	M	F	TOTAL	M	F	TOTAL	M	F	TOTAL	M	F	TOATL
Burundi	1548	1562	3110	2232	2242	4474	2135	2202	4337	150	146	296
Kenya	7	4	11	0	0	0	4	4	8	38	28	66
Outside Africa	17	13	30	0	0	0	48	0	48	64	68	132
Rest of Africa	15	16	31	0	0	0	12	10	22	3	3	6
Rwanda	1	0	1	0	0	0	2	2	4	0	2	2
SADC Countries	19	15	34	0	0	0	17	19	36	18	18	36
Uganda	1	1	2	0	0	0	0	0	0	7	10	17
Grand Total	1608	1611	3219	2232	2242	4474	2218	2237	4455	280	275	555

NOTE: The enrolment of non-Tanzanian pupil has decreased from 4455 pupils in year 2014 to 555 pupils in year 2016. This is due to newly naturalized Tanzanians (formerly Burundian Refugees).

Chart 1.2: Trend in Enrolment of Non-Tanzanian Pupils by Citizenship and Sex, 2012-2016



Pre-Primary Education

Table 1.3: Enrolment of Pupils by Region, Ownership and Sex, 2016

Region	Government			Non-Government			Grand Total			% of T Enrolment		
	M	F	T	M	F	T	M	F	T	M	F	T
Arusha	22240	20361	42601	6485	6346	12831	28725	26707	55432	1.8	1.7	3.5
Dar es Salaam	15736	15260	30996	11845	11556	23401	27581	26816	54397	1.8	1.7	3.5
Dodoma	35566	35820	71386	1148	1185	2333	36714	37005	73719	2.3	2.4	4.7
Geita	38346	38425	76771	472	486	958	38818	38911	77729	2.5	2.5	5.0
Iringa	17153	16520	33673	813	756	1569	17966	17276	35242	1.1	1.1	2.3
Kagera	62812	61161	123973	1033	967	2000	63845	62128	125973	4.1	4.0	8.1
Katavi	9404	9691	19095	73	60	133	9477	9751	19228	0.6	0.6	1.2
Kigoma	32126	32510	64636	349	406	755	32475	32916	65391	2.1	2.1	4.2
Kilimanjaro	22124	20988	43112	1868	1790	3658	23992	22778	46770	1.5	1.5	3.0
Lindi	12173	12347	24520	171	156	327	12344	12503	24847	0.8	0.8	1.6
Manyara	22990	21424	44414	804	658	1462	23794	22082	45876	1.5	1.4	2.9
Mara	45892	43757	89649	1527	1451	2978	47419	45208	92627	3.0	2.9	5.9
Mbeya	31106	30670	61776	548	594	1142	31654	31264	62918	2.0	2.0	4.0
Morogoro	38356	37076	75432	1882	1843	3725	40238	38919	79157	2.6	2.5	5.1
Mtwara	19897	20162	40059	338	317	655	20235	20479	40714	1.3	1.3	2.6
Mwanza	56898	56838	113736	2466	2376	4842	59364	59214	118578	3.8	3.8	7.6
Njombe	15674	15056	30730	257	184	441	15931	15240	31171	1.0	1.0	2.0
Pwani	13432	13069	26501	1021	1153	2174	14453	14222	28675	0.9	0.9	1.8
Rukwa	23641	24010	47651	253	280	533	23894	24290	48184	1.5	1.6	3.1
Ruvuma	29941	28442	58383	438	399	837	30379	28841	59220	1.9	1.8	3.8
Shinyanga	28440	30662	59102	953	868	1821	29393	31530	60923	1.9	2.0	3.9
Simiyu	38502	38922	77424	286	288	574	38788	39210	77998	2.5	2.5	5.0
Singida	29720	28928	58648	414	386	800	30134	29314	59448	1.9	1.9	3.8
Songwe	14810	14910	29720	176	167	343	14986	15077	30063	1.0	1.0	1.9
Tabora	30881	30707	61588	770	765	1535	31651	31472	63123	2.0	2.0	4.0
Tanga	42256	40607	82863	1237	1267	2504	43493	41874	85367	2.8	2.7	5.5
Grand Total	750116	738323	1488439	37627	36704	74331	787743	775027	1562770	50.4	49.6	100

Note: In 2016, the Total enrolment of Pre-primary pupils varied from 125,973 pupils (8.1%) in Kagera Region being the highest to 19,228 pupils (1.2%) in Katavi Region being the lowest.

Pre-Primary Education

Table 1.4: Gross and Net Intake Rates (GIR and NIR) in Government and Non-Government Schools/Streams by Region and Sex, 2016

Region	Population 5 Year-Olds			Total Enrolment Year 1			Enrolment of 5 Year-Olds in Year 1						GIR (%)			NIR (%)		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Arusha	28571	27780	56351	28725	26707	55432	10868	10361	21229	100.5	96.1	98.4	98.4	38.0	37.3	37.3		
Dar es Salaam	60709	59838	120547	27581	26816	54397	15493	15490	30983	45.4	44.8	45.1	25.5	25.9	25.7			
Dodoma	38789	37155	75944	36714	37005	73719	13725	14023	27748	94.7	99.6	97.1	35.4	37.7	36.5			
Geda	35113	34041	69154	38818	38911	77729	17049	18172	36211	110.6	114.3	112.4	51.1	53.4	52.2			
Iringa	14591	14210	28801	17966	17276	35242	8553	8327	16880	123.1	121.6	122.4	58.6	58.6	58.6			
Kagera	43536	42914	86449	63845	62128	125973	23748	23595	47343	146.6	144.8	145.7	54.5	55.0	54.8			
Katavi	11969	11601	23570	9477	9751	19228	3957	4047	8004	79.2	84.1	81.6	33.1	34.9	34.0			
Kigoma	40994	39588	80581	32475	32916	65391	18429	18353	36782	79.2	83.1	81.1	45.0	46.4	45.6			
Kilimanjaro	22000	20560	42559	23992	22778	46770	11956	11492	23448	109.1	110.8	109.9	54.3	55.9	55.1			
Lindi	12653	12395	25048	12344	12503	24847	5398	5582	10980	97.6	100.9	99.2	42.7	45.0	43.8			
Manyara	28970	27495	56465	23794	22082	45876	7664	7412	15076	82.1	80.3	81.2	26.5	27.0	26.7			
Mara	35284	34632	69916	47419	45208	92627	28628	27150	55778	134.4	130.5	132.5	81.1	78.4	79.8			
Mbeya	29966	29419	59386	31654	31264	62918	16044	15650	31694	105.6	106.3	105.9	53.5	53.2	53.4			
Morogoro	37084	35913	72997	40238	38919	79157	15364	15361	30725	108.5	108.4	108.4	41.4	42.8	42.1			
Mtwara	17135	16884	34019	20235	20479	40714	10101	10141	20242	118.1	121.3	119.7	59.0	60.1	59.5			
Mwanza	53244	51342	104586	59364	59214	118578	24079	24569	48648	111.5	115.3	113.4	45.2	47.9	46.5			
Njombe	10658	10397	21055	15931	15240	31171	7535	7322	14857	149.5	146.6	148.0	70.7	70.4	70.6			
Pwani	17506	16729	34236	14453	14222	28675	6448	6655	13103	82.6	85.0	83.8	36.8	39.8	38.3			
Rukwa	21613	21598	43211	23894	24290	48184	13633	13726	27359	110.6	112.5	111.5	63.1	63.6	63.3			
Ruvuma	21432	26327	47759	30379	28841	59220	12023	12363	24386	141.7	109.5	124.0	56.1	47.0	51.1			
Shinyanga	30056	28609	58666	29393	31530	60923	13137	13513	26650	97.8	110.2	103.8	43.7	47.2	45.4			
Simiyu	32593	31165	63758	38788	39210	77998	14419	15170	29589	119.0	125.8	122.3	44.2	48.7	46.4			
Singida	26910	25475	52385	30134	29314	59448	11001	10907	21908	112.0	115.1	113.5	40.9	42.8	41.8			
Songwe	15848	15917	31765	14986	15077	30063	7343	7354	14697	94.6	94.7	94.6	46.3	46.2	46.3			
Tabora	47457	45513	92970	31651	31472	63123	17254	17083	34337	66.7	69.1	67.9	36.4	37.5	36.9			
Tanga	36025	34314	70339	43493	41874	85367	21378	20611	41989	120.7	122.0	121.4	59.3	60.1	59.7			
Grand Total	770708	751811	1522519	787743	775027	1562770	356127	354429	710556	102.2	103.1	102.6	46.2	47.1	46.7			

Source: Projected Population from National Bureau of Statistics (NBS)

Note: The GIR of 103% show the high capacity to absorb the school age population in Pre-Primary Education. Dar Es Salaam region recorded the lowest both GIR (45%) and NIR (26%) as compared to other regions.

Pre-Primary Education

Table 1.5: Gross and Net Enrolment Rates (GER and NER) and Gender Parity Index (GPI) in Government and Non-Government Schools/Streams by Region and Sex, 2016

Region	Population 5 Year-Olds			Total Enrolment Year 1			Enrolment of 5 Year-Olds in Year 1			GER (%)			NER (%)			GPI
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
Arusha	28571	27780	56351	28725	26707	55432	10668	10361	21229	100.5	96.1	98.4	38.0	37.3	37.7	0.9
Dar es Salaam	60709	59838	120547	27581	28816	54397	15493	15490	30983	45.4	44.8	45.1	25.5	25.9	25.7	1.0
Dodoma	38789	37155	75944	36714	37005	73719	13725	14023	27748	94.7	99.6	97.1	35.4	37.7	36.5	1.0
Gella	35113	34041	69154	38818	38911	77729	17949	18172	36121	110.6	114.3	112.4	51.1	53.4	52.2	1.0
Iringa	14591	14210	28801	17966	17276	35242	8553	8327	16880	123.1	121.6	122.4	58.6	58.6	58.6	1.0
Kagera	43536	42914	86449	63845	62728	126573	23748	23595	47343	146.6	144.8	145.7	54.5	55.0	54.8	1.0
Katavi	11969	11601	23570	9477	9751	19228	3957	4047	8004	79.2	84.1	81.6	33.1	34.9	34.0	1.0
Kigoma	40994	39588	80581	32475	32916	65391	18429	18353	36782	79.2	83.1	81.1	45.0	46.4	45.6	1.0
Kilimanjaro	22000	20560	42559	23992	22778	46770	11956	11492	23448	108.1	110.8	109.9	54.3	55.9	55.1	0.9
Lindi	12653	12395	25048	12344	12503	24847	5398	5582	10980	97.6	100.9	99.2	42.7	45.0	43.8	1.0
Manyara	28970	27495	56465	23794	22082	45876	7664	7412	15076	82.1	80.3	81.2	26.5	27.0	26.7	0.9
Mara	35284	34632	69916	47419	45208	92627	28628	27150	55778	134.4	130.5	132.5	81.1	78.4	79.8	1.0
Mbeya	29666	29419	59386	31654	31264	62918	16044	15650	31694	105.6	106.3	105.9	53.5	53.2	53.4	1.0
Morogoro	37084	35913	72997	40238	38919	79157	15364	15361	30725	108.5	108.4	108.4	41.4	42.8	42.1	1.0
Mtwara	17135	16884	34019	20235	20479	40714	10101	10141	20242	118.1	121.3	119.7	59.0	60.1	59.5	1.0
Mwanza	53244	51342	104586	59364	59214	118578	24079	24569	48648	111.5	115.3	113.4	45.2	47.9	46.5	1.0
Njombe	10658	10397	21055	15931	15240	31171	7535	7322	14857	149.5	146.6	148.0	70.7	70.4	70.6	1.0
Pwani	17506	16729	34236	14453	14222	28675	6448	6555	13103	82.6	85.0	83.8	36.8	39.8	38.3	1.0
Rukwa	21613	21598	43211	23894	24290	48184	13633	13726	27359	110.6	112.5	111.5	63.1	63.6	63.3	1.0
Ruvuma	21432	26327	47759	30379	28841	59220	12023	12363	24386	141.7	109.5	124.0	56.1	47.0	51.1	0.9
Shinyanga	30056	28609	58666	29393	31530	60923	13137	13513	26580	97.8	110.2	103.8	43.7	47.2	45.4	1.1
Simiyu	32593	31165	63758	38788	39210	77998	14419	15170	29589	119.0	125.8	122.3	44.2	48.7	46.4	1.0
Singida	26910	25475	52385	30134	29314	59448	11001	10907	21908	112.0	115.1	113.5	40.9	42.8	41.8	1.0
Songwe	15848	15917	31765	14986	15077	30063	7343	7354	14697	94.6	94.7	94.6	46.3	46.2	46.3	1.0
Tabora	47457	45513	92970	31651	31472	63123	17254	17083	34337	66.7	69.1	67.9	36.4	37.5	36.9	1.0
Tanga	36025	34314	70339	43493	41874	85367	21378	20611	41989	120.7	122.0	121.4	59.3	60.1	59.7	1.0
Grand Total	770708	751811	1522519	787743	775027	1562770	356127	354429	710556	102.2	103.1	102.6	46.2	47.1	46.7	1.0

Source: Projected Population from National Bureau of Statistics (NBS)

Note:

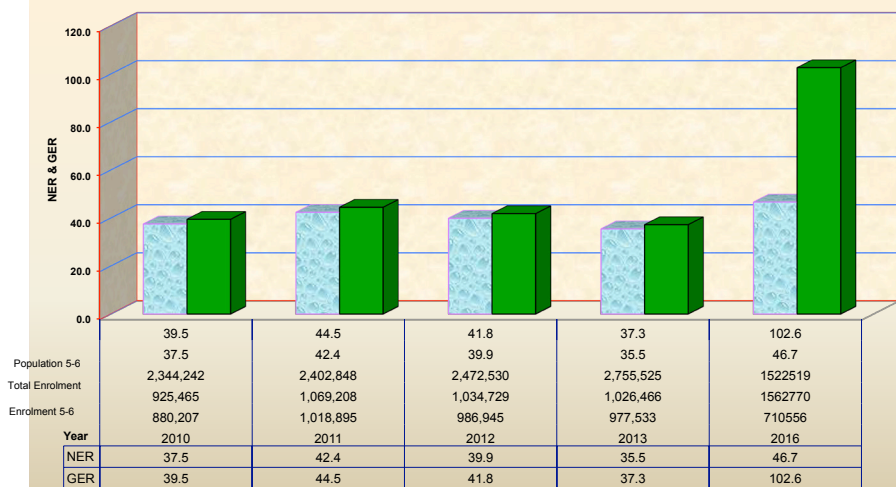
The GER of 102.6% shows the high capacity to absorb the school age population in Pre-Primary Education. Dar Es Salaam region recorded the lowest both GER (46.1%) and NER (25.7%) as compared to other regions. In 2016, GER has increased more than double as compared to previous years this is due the change of Pre-Primary education system from two years (5 and 6) to one year (5 year) hence using one year population as a base.

Pre-Primary Education

Table 1.6: Gross and Net Enrolment Rates (GER and NER) Trend 2009 - 2016

Year	Enrolment of 5-6 years	Total Enrolment	Population 5 - 6 years	NER	GER
2009	870328	896146	2342319	37.2	38.3
2010	880207	925465	2344242	37.5	39.5
2011	1018895	1069208	2402848	42.4	44.5
2012	986945	1034729	2472530	41.8	39.9
2013	977533	1026466	2755525	35.5	37.3
			Population 5 years		
2016	710556	1562770	1522519	46.7	102.6

Chart 1.3: Net and Gross Enrolment Ratios (%) (NER and GER) for Government and Non-Government Schools/Streams, 2010 - 2016



Pre-Primary Education

Table 1.7: Number of Pupils with Disabilities in Government and Non-Government Schools/Streams. by Region, Type of Disability and Sex, 2016

Region	Albino			Autism			Deaf/Mute			Deaf Blind			Mentally Impaired			Multi Impaired			Physical Impaired			Poor Vision			Visually Impaired			GRAND TOTAL			
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
Arusha	7	5	12	2	3	5	3	2	5	3	6	9	30	20	50	1	1	2	49	34	83	12	11	23	4	3	7	111	85	196	
Dares Salaam	15	9	24	2	2	15	36	13	14	27	44	35	79	4	2	6	17	10	27	11	8	19	17	12	29	144	105	249			
Dodoma	10	9	19	2	0	2	14	5	19	6	11	17	38	34	72	0	0	0	16	2	18	5	3	8	17	10	27	108	74	182	
Gella	2	4	6	0	0	0	6	4	10	5	4	9	9	5	14	2	1	3	27	16	43	7	10	17	6	17	69	50	119		
Iringa	2	3	5	4	0	4	0	0	0	7	3	10	12	9	21	2	0	2	24	10	34	13	6	19	2	1	3	66	32	98	
Kagera	53	4	57	4	1	5	13	20	33	5	5	10	47	21	68	5	3	8	35	22	57	17	9	26	8	13	21	187	98	285	
Kalavi	3	0	3	0	0	1	0	1	0	1	0	0	2	2	4	0	0	0	8	3	11	0	0	0	0	0	0	0	14	5	19
Kigoma	3	4	7	3	3	6	15	8	23	11	10	21	15	8	23	2	0	2	23	15	38	7	4	11	10	8	18	89	60	149	
Kilimanjaro	9	11	20	10	8	18	4	5	9	0	1	24	7	31	1	3	4	7	8	15	4	0	4	3	5	8	62	48	110		
Lindi	5	3	8	0	1	1	0	3	3	4	3	7	2	4	6	0	0	0	6	1	7	0	1	1	3	5	8	20	21	41	
Manyara	2	3	5	4	2	6	3	4	7	1	0	1	17	10	27	2	0	2	25	12	37	4	1	5	2	5	7	60	37	97	
Mara	11	8	19	5	4	9	26	21	47	7	4	11	58	48	106	1	4	5	34	24	58	13	5	18	15	10	25	170	128	298	
Mbeya	9	4	13	7	2	9	7	4	11	4	3	7	43	30	73	2	0	2	26	10	36	17	11	28	9	5	14	124	69	193	
Morogoro	15	8	23	2	1	3	20	9	29	12	11	23	18	19	37	9	1	10	33	22	55	15	4	19	19	38	143	94	237		
Mtwara	7	6	13	4	6	10	4	2	6	0	0	0	14	7	21	0	1	1	20	7	27	4	2	6	2	1	3	55	32	87	
Mwanza	20	10	30	12	3	15	8	7	15	12	8	20	119	74	193	5	4	9	60	38	98	22	12	34	10	6	16	268	162	430	
Njombe	6	1	7	1	1	2	9	9	18	2	1	3	16	8	24	2	0	2	10	12	22	8	3	11	5	3	8	59	38	97	
Pwani	3	6	9	4	0	4	10	9	19	2	0	2	33	37	70	6	0	6	19	13	32	6	6	12	3	5	8	86	76	162	
Rukwa	4	1	5	0	1	1	3	1	4	4	6	10	6	7	13	0	1	1	15	9	24	3	4	7	3	2	5	38	32	70	
Ruvuma	4	8	12	0	0	0	2	5	7	29	20	49	16	11	27	2	2	4	34	23	57	2	4	6	4	3	7	93	76	169	
Shinyanga	21	20	41	1	2	3	9	6	15	3	3	6	6	4	10	0	0	0	19	13	32	4	1	5	8	8	16	71	57	128	
Simiyu	4	2	6	3	0	3	19	15	34	6	2	8	31	16	47	3	1	4	51	30	81	7	3	10	7	5	12	131	74	205	
Singida	7	11	18	1	0	1	1	1	2	0	1	1	20	14	34	0	1	1	17	11	28	10	10	20	5	4	9	61	53	114	
Songwe	3	0	3	0	0	0	1	1	2	0	0	0	5	0	0	0	0	0	12	5	17	1	0	1	2	2	4	24	8	32	
Tabora	2	5	7	0	0	0	1	0	1	3	1	4	11	9	20	0	0	0	16	10	26	6	8	14	8	3	11	47	36	83	
Tanga	20	13	33	4	2	6	16	7	23	8	3	11	74	53	127	7	5	12	51	25	76	15	8	23	7	3	10	202	119	321	
SUB TOTAL	247	158	405	75	40	115	216	163	379	147	120	267	710	492	1202	56	30	86	654	385	1039	213	134	347	184	147	331	2502	1669	4171	

The enrolled children with disabilities is 4,171. This is about 0.26% of total enrolment of 1,562,770 in Pre-Primary education also it is about 0.27 of the total population of five years old (1,522,519) in the country.

Note

Pre-Primary Education

Table 1.8: Number of Orphan Pupils in Government and Non- Government Schools/Streams by Region, Type and Sex 2016

Region	Death of Both Parents			Death of One Parent			Grand Total		
	M	F	T	M	F	T	M	F	T
Arusha	405	370	775	1168	1067	2235	1573	1437	3010
Dar es Salaam	676	668	1344	1341	1202	2543	2017	1870	3887
Dodoma	892	980	1872	2184	2109	4293	3076	3089	6165
Geita	1480	1605	3085	2635	2360	4995	4115	3965	8080
Iringa	577	621	1198	1387	1303	2690	1964	1924	3888
Kagera	1336	1316	2652	3581	3209	6790	4917	4525	9442
Katavi	191	207	398	392	378	770	583	585	1168
Kigoma	656	715	1371	1704	1633	3337	2360	2348	4708
Kilimanjaro	371	387	758	1148	1029	2177	1519	1416	2935
Lindi	182	197	379	557	533	1090	739	730	1469
Manyara	199	169	368	791	693	1484	990	862	1852
Mara	1488	1451	2939	3150	2853	6003	4638	4304	8942
Mbeya	960	975	1935	1986	1806	3792	2946	2781	5727
Morogoro	846	879	1725	2055	1910	3965	2901	2789	5690
Mtwara	175	205	380	759	718	1477	934	923	1857
Mwanza	1909	2026	3935	3550	3363	6913	5459	5389	10848
Njombe	425	406	831	1120	1020	2140	1545	1426	2971
Pwani	400	468	868	877	848	1725	1277	1316	2593
Rukwa	588	647	1235	1234	1207	2441	1822	1854	3676
Ruvuma	569	586	1155	1519	1490	3009	2088	2076	4164
Shinyanga	855	869	1724	1890	1758	3648	2745	2627	5372
Simiyu	1532	1604	3136	2800	2545	5345	4332	4149	8481
Singida	559	518	1077	1387	1286	2673	1946	1804	3750
Songwe	338	347	685	804	733	1537	1142	1080	2222
Tabora	1042	1128	2170	1942	1855	3797	2984	2983	5967
Tanga	1012	1062	2074	2349	2254	4603	3361	3316	6677
Grand Total	19663	20406	40069	44310	41162	85472	63973	61568	125541
% of Total Ophans	31.9			68.1			100.0		

Note: The total enrolled orphans pupils in Pre-primary education are 125,541 of which 68.1% are those with one parent while 31.9% are those without both parents. Further, the enrolled orphans is 8.0% of total pupils enrolled (1,562,770) in 2016. Mwanza Region has recorded high number of orphans (10,848) while Katavi (1168) has few orphans.

Pre-Primary Education

Table 1.9: Number of Vulnerable Pupils in Government and Non-Government Schools/Streams by Region, Type of Vulnerability and Sex, 2016

REGIONS	Family with poor income			Pupils living near/passing through wild animals areas			Pupils using marine transport			Sick Pupils for more than 3 Months			Others			Grand Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Arusha	73	66	139	7	7	14	0	0	0	3	0	3	2	2	4	85	75	160
Dar es Salaam	167	131	298	0	0	0	25	9	34	3	1	4	9	11	20	204	152	356
Dodoma	55	56	111	0	0	0	11	12	23	8	2	10	2	1	3	76	71	147
Gela	266	207	473	3	0	3	19	2	21	11	7	18	17	6	23	316	222	538
Iringa	11	6	17	0	0	0	0	0	0	0	0	0	0	0	0	11	6	17
Kagera	200	164	364	3	4	7	0	2	2	32	15	47	23	0	23	258	185	443
Katavi	16	16	32	0	0	0	0	0	0	0	0	0	0	0	0	16	16	32
Kigoma	375	332	707	0	0	0	7	3	10	21	12	33	19	21	40	422	368	790
Kilimanjaro	43	32	75	0	0	0	3	0	3	0	0	0	4	0	4	50	32	82
Lindi	34	36	70	0	0	0	0	0	0	0	0	0	0	0	0	34	36	70
Manyara	69	53	122	0	0	0	0	0	0	2	0	2	3	4	7	74	57	131
Mara	62	45	107	0	0	0	4	0	4	3	3	6	1	0	1	70	48	118
Mbeya	41	51	92	3	2	5	4	0	4	0	0	0	0	0	0	48	53	101
Morogoro	168	125	293	3	3	6	11	10	21	0	1	1	12	10	22	194	149	343
Mtwara	108	65	173	0	0	0	0	0	0	0	0	0	10	1	11	118	66	184
Mwanza	105	82	187	17	13	30	0	0	0	7	5	12	8	4	12	137	104	241
Njombe	0	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	8	8
Pwani	81	37	118	0	0	0	0	0	0	8	0	8	9	0	9	98	37	135
Rukwa	100	69	169	0	0	0	19	0	19	5	3	8	4	4	8	128	76	204
Ruvuma	97	82	179	71	69	140	0	0	0	4	3	7	1	0	1	173	154	327
Shinyanga	129	129	258	4	3	7	11	2	13	7	9	16	5	1	6	156	144	300
Simiyu	39	46	85	4	2	6	0	0	0	0	0	0	0	0	0	43	48	91
Singida	183	87	270	5	2	7	16	0	16	8	0	8	3	0	3	215	89	304
Songwe	7	18	25	0	0	0	0	0	0	1	0	1	0	0	0	8	18	26
Tabora	75	66	141	72	42	114	1	0	1	11	4	15	7	1	8	166	113	279
Tanga	189	118	307	1	0	1	30	10	40	23	9	32	32	5	37	275	142	417
Grand Total	2693	2127	4820	193	147	340	161	50	211	157	74	231	171	71	242	3375	2469	5844
% of Total Vulnerable	82.5			5.8			3.6			4.0			4.1			100.0		

Note: Most vulnerable pupils are from family with poor income 4820 (82.5%) while pupils using marine transport 211 (3.6%) recorded few vulnerable pupils. A part from the introduction of compulsory and free basic education, the Government support to education is needed especially to family with lower income

Pre-Primary Education

Table 1.10: Pupil Qualified Teacher Ratio, Number of Streams and Teachers by Qualification in Government and Non-Government Schools/Streams, 2012 – 2016

ITEM	2012			2013			2014			2015			2016		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Total	530425	504304	1034729	512798	513668	1026466	522846	523523	1046369	535035	534788	1069823	787743	775027	1562770
Enrolment															
Government	504935	480125	985060	483720	485963	969683	495132	497224	992356	507619	507411	1015030	750116	738323	1488439
Non-Government	25490	24179	49669	29078	27705	56783	27714	26299	54013	27416	27377	54793	37627	36704	74331
All Teachers															
Government	4214	4554	8768	3399	6501	9900	3792	7236	11028	3790	7174	10964	4030	6964	10994
Non-Government	196	388	584	350	2127	2477	384	2188	2572	414	2146	2560	610	3354	3964
Total	4410	4942	9352	3749	8628	12377	4176	9424	13600	4204	9320	13524	4640	10318	14958
Teachers with Pre-School Certificate															
Government	256	1200	1456	1656	3205	4861	612	1954	2566				1341	2688	4029
Non-Government	175	1464	1639	243	1401	1644	307	2050	2357				506	2964	3470
Total	431	2664	3095	1899	4606	6505	919	4004	4923				1847	5652	7499
Gross Enrolment Ratio	42.8	40.9	41.8	37.0	37.5	37.3			36.9			35.9	102.2	103.1	102.6
Net Enrolment Ratio	41.0	38.8	39.9	35.3	35.7	35.5			33.4			33.3	45.6	46.5	46.0
Pupils Teacher Ratio															
Government			112			98			90			93			135
Non-Government			85			23			21			21			19
Total			111			83			77			79			104
Total No. of Streams															
Government			34,628			35,557			13,159						15,802
Non-Government			2,158			3,480			736						1,055
Total			36,786			39,037			13,895						16,857
Qualified Teachers															
Government			7,920			4,861			5,128						8,789
Non-Government			434			1644			1522						3,131
Total			8,354			6,505			6,650			6,538			11,920
Pupil Qualified Teacher Ratio															
Government			124			199			194						169
Non-Government			114			35			37						24
Total			124			158			157						131

Note: In 2016, a total of 11,920 teachers out of 14,598 (79.7%) are Qualified Teachers giving a PQTR of 1:131 against the standard norm of 1:25. The situation is worse in government streams where PQTR is 1:169 compared to 1:24 for Non-Government Schools.

Pre-Primary Education

Table 1.11: Pupil Qualified Teacher Ratio, Number of Streams and Teachers by Qualification in Government and Non Government Schools/Streams by Region, 2016

REGIONS	Total No. of Streams	Total Enrollment	Teachers' Qualifications																		Total No. of Qualified Teachers	Pupil/ Teacher Ratios	Pupil/ Qualified Teacher Ratios
			PHD		MASTERS		PGDE		BACHELOR		DIPLOMA		GRADE A		GRADE B/C		OTHERS						
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Arusha	679	55432	0	1	0	0	1	2	1	12	13	121	62	478	15	105	112	233	1156	811	48	68	
Dares Salaam	590	54397	2	3	2	0	0	0	4	30	54	268	107	827	27	307	38	324	1993	1631	27	33	
Dodoma	747	73719	0	1	0	0	0	0	0	1	1	7	62	232	8	21	63	81	477	333	155	221	
Geita	591	77729	0	2	0	0	0	0	3	2	10	5	261	226	6	12	26	11	564	527	138	147	
Iringa	482	35242	0	0	0	0	0	0	0	4	1	21	75	224	2	24	6	13	370	351	95	100	
Kagera	933	125973	0	0	0	0	1	0	1	1	7	19	249	363	15	33	36	68	793	689	159	183	
Katavi	177	19228	0	0	0	0	0	0	0	1	0	2	113	76	1	1	3	0	197	194	98	99	
Kigoma	646	65391	0	1	0	0	0	1	0	2	0	5	8	166	156	13	14	36	41	443	366	148	
Kilimanjaro	945	46770	0	0	0	0	0	0	0	0	3	39	46	270	4	35	20	84	501	397	93	118	
Lindi	482	24847	0	0	0	0	0	0	0	0	2	1	49	95	7	5	26	55	240	159	104	156	
Manyara	593	45876	0	0	0	0	0	2	1	1	6	20	114	239	14	24	50	95	566	421	81	109	
Mara	810	92627	1	1	0	0	0	0	2	1	9	13	277	312	21	30	26	19	712	667	130	139	
Mbeya	776	62918	0	0	0	0	0	0	2	6	7	14	118	297	5	16	138	154	757	465	83	135	
Morogoro	843	79157	0	2	0	0	0	0	2	2	6	13	132	309	8	45	40	71	630	519	126	153	
Mtwara	652	40714	0	0	0	0	0	0	0	0	1	5	50	121	1	24	48	125	375	202	109	202	
Mwanza	919	118578	0	1	0	0	1	0	1	4	13	28	342	543	9	46	24	51	1063	988	112	120	
Njombe	484	31171	0	0	0	0	0	0	0	1	2	4	23	57	4	16	60	272	439	107	71	291	
Pwani	564	28675	0	0	0	0	0	0	2	2	2	26	75	245	9	22	6	22	411	383	70	75	
Rukwa	367	48184	0	0	0	0	0	1	0	0	2	1	119	89	3	8	9	243	226	198	213	233	
Ruvuma	784	59220	0	1	0	0	0	0	0	1	3	4	123	202	11	22	54	67	488	367	121	161	
Shinyanga	591	60923	1	5	0	0	0	0	2	0	7	5	87	174	5	17	25	47	375	303	162	201	
Simiyu	526	77998	1	1	0	0	0	0	0	0	5	14	141	163	1	4	27	13	370	330	211	236	
Singida	542	59448	0	0	0	0	1	0	1	2	5	118	218	3	4	50	46	448	352	133	169	195	
Songwe	350	30063	0	2	0	0	0	0	2	0	2	3	52	78	5	9	17	13	184	154	163	195	
Tabora	764	63123	1	1	0	0	0	0	1	0	1	9	99	172	6	12	27	55	384	302	164	209	
Tanga	1020	85367	0	0	1	0	0	0	2	10	23	170	439	5	26	21	82	779	676	110	126	131	
Grand Total	16857	1562770	6	22	2	2	5	5	28	73	174	678	3230	6605	208	882	987	2051	14958	11920	104	131	
% of Total Teachers			0.04	0.15	0.01	0.01	0.03	0.03	0.2	0.5	1.2	4.5	21.6	44.2	1.4	5.9	6.6	13.7	100.0	79.7			

Note 1: In 2016, a total 11,920 of teachers which is 79.7% of 14,958 teachers in Government and Non-Government Schools/streams are Qualified Teachers for this level of education giving a Pupil Qualified Teacher Ratio (PQTR) of 1:131 against the standard norm of 1:25.

2: Others include Form Four and Six leavers who have not attended any Teacher training course.

Pre-Primary Education

Table 1.12: Pupil Qualified Teacher Ratio, Number of Streams and Teachers by Qualification in Government Schools/Streams by Region, 2016

Region	Total No. of Streams	Total Enrollment	Teachers																Total No. of Qualified Teachers	Pupil/Teacher Ratios	Pupil/Qualified Teacher Ratios			
			Ph.D.		Masters		PGDE		BACHELOR		DIPLOMA		GRADE A		GRADE B/C		OTHERS							
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				M	F	
Arusha	509	42601	0	1	0	0	0	0	0	2	0	11	45	307	3	19	86	94	568	366	75	116		
Dares Salaam	328	30996	0	1	0	0	0	0	1	13	8	34	19	263	2	10	7	30	388	339	80	91		
Dodoma	719	71386	0	1	0	0	0	0	0	0	0	3	61	184	8	11	60	67	395	249	181	287		
Gella	570	76771	0	0	0	0	0	0	2	0	5	2	242	195	5	8	25	10	494	446	155	172		
Iringa	462	33673	0	0	0	0	0	0	0	3	1	10	71	208	2	3	5	10	313	293	108	115		
Kagera	883	123973	0	0	0	0	1	0	1	1	5	7	235	301	11	15	34	57	668	551	186	225		
Katavi	175	19095	0	0	0	0	0	0	1	0	1	0	111	75	1	3	0		192	187	99	101		
Kigoma	631	64636	0	1	0	0	1	0	1	0	5	2	162	134	13	14	29	28	390	306	166	211		
Kilimanjaro	878	43112	0	0	0	0	0	0	0	0	5	42	175	2	7	17	64	312	222	138	194			
Lindi	476	24520	0	0	0	0	0	0	0	0	2	1	49	95	7	3	25	53	235	147	104	167		
Manjara	565	44414	0	0	0	0	0	0	1	0	2	7	111	227	6	17	48	70	489	348	91	128		
Mara	760	89649	1	0	0	0	0	0	2	1	7	9	249	246	17	16	24	14	586	515	153	174		
Mbeya	756	61776	0	0	0	0	0	0	1	4	6	11	113	272	4	16	131	130	688	407	90	152		
Morogoro	807	75432	0	2	0	0	0	0	2	2	5	10	118	264	5	20	35	49	512	403	147	187		
Mtwara	644	40059	0	0	0	0	0	0	0	0	1	3	49	111	0	19	48	118	349	164	115	244		
Mwanza	841	113736	0	1	0	0	0	0	0	3	7	11	291	446	7	12	16	26	820	759	139	150		
Njombe	470	30730	0	0	0	0	0	0	0	1	2	3	18	51	1	10	58	260	404	75	76	410		
Pwani	529	26501	0	0	0	0	0	0	2	2	1	13	71	201	5	6	18	325	290	82	91			
Rukwa	357	47651	0	0	0	0	0	0	2	1	2	0	117	84	2	6	8		224	206	213	231		
Ruvuma	765	58383	0	1	0	0	0	0	0	1	2	4	122	192	11	22	47	55	457	322	128	181		
Shinyanga	556	59102	0	1	0	0	0	0	2	0	6	5	78	133	3	3	23	25	279	225	212	263		
Simiyu	516	77424	1	1	0	0	0	0	0	3	6	131	161	1	4	26	9	343	303	226	256			
Singida	528	58648	0	0	0	0	0	1	0	1	0	1	4	114	208	1	3	47	39	419	329	140	178	
Songwe	341	29720	0	0	0	0	1	0	1	0	1	4	71	5	9	17	10	164	123	181	242			
Tabora	749	61588	1	1	0	0	0	0	1	0	1	5	93	155	6	5	25	46	340	257	181	240		
Tanga	987	82863	0	0	0	1	0	0	0	0	2	6	9	170	378	2	5	18	49	640	566	129	146	
Grand Total	15802	1488439	3	11	0	1	3	1	19	38	79	176	2930	5137	130	261	866	1339	10994	8398	135	177		
% of Total Teachers			0.0	0.1	-	0.0	0.0	0.0	0.2	0.3	0.7	1.6	26.7	46.7	1.2	2.4	7.9	12.2	100.0	76.4				

Note 1: In 2016, a total 8,398 teachers which is 82.6% of 10,994 teachers in Government streams are Qualified Teachers for Preprimary education giving a Pupil Qualified Teacher Ratio (PQTR) of 1:177 against the standard norm of 1:25.

2: Others include Form Four and Six leavers who have not attended any Teacher training course.

Pre-Primary Education

Table 1.13: Teacher Absenteeism in Government and Non-Government Schools/ Streams by Region, Duration and Sex, 2016

REGIONS	< 1 Month			> 6 Months			1 - 3 Months			4 - 6 Months			Grand Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
ARUSHA	0	0	0	0	0	0	1	7	8	0	0	0	1	7	8
DAR ES SALAAM	0	2	2	3	14	17	2	14	16	0	1	1	5	31	36
DODOMA	0	0	0	0	1	1	0	5	5	0	0	0	0	6	6
GEITA	0	0	0	6	0	6	0	1	1	0	0	0	6	1	7
IRINGA	1	0	1	1	1	2	1	1	2	0	0	0	3	2	5
KAGERA	0	0	0	8	5	13	0	2	2	0	0	0	8	7	15
KATAVI	0	0	0	2	3	5	0	0	0	0	0	0	2	3	5
KIGOMA	3	2	5	8	11	19	0	7	7	1	1	2	12	21	33
KILIMANJARO	0	0	0	2	1	3	0	0	0	0	0	0	2	1	3
LINDI	2	0	2	1	0	1	1	0	1	1	0	1	5	0	5
MANYARA	0	0	0	4	3	7	0	6	6	1	3	4	5	12	17
MARA	0	1	1	4	6	10	0	1	1	2	2	4	6	10	16
MBEYA	0	0	0	3	5	8	0	8	8	0	1	1	3	14	17
MOROGORO	0	0	0	2	5	7	1	1	2	0	0	0	3	6	9
MTWARA	0	0	0	2	1	3	0	1	1	0	0	0	2	2	4
MWANZA	1	0	1	13	15	28	3	1	4	3	6	9	20	22	42
PWANI	1	2	3	6	1	7	0	1	1	0	0	0	7	4	11
RUKWA	0	0	0	3	1	4	0	2	2	2	0	2	5	3	8
RUVUMA	0	1	1	4	1	5	0	3	3	0	0	0	4	5	9
SHINYANGA	0	0	0	4	2	6	1	3	4	0	0	0	5	5	10
SIMUYU	1	0	1	5	1	6	0	4	4	0	0	0	6	5	11
SINGIDA	0	0	0	6	2	8	1	1	2	0	0	0	7	3	10
SONGWE	0	0	0	1	0	1	1	0	1	0	0	0	2	0	2
TABORA	1	1	2	7	4	11	2	1	3	1	0	1	11	6	17
TANGA	0	0	0	3	1	4	0	3	3	0	1	1	3	5	8
Grand Total	10	9	19	98	84	182	14	73	87	11	15	26	133	181	314

Pre-Primary Education

Table 1.14: Teacher Absenteeism in Government and Non-Government Schools/Streams by Reason, Duration and Sex, 2016

REGIONS	Illness			Leave without pay			Maternity leave			Secondment			Studies			Suspended			Taking care ill parent/relatives			Tuancy			GRAND TOTAL			
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
ARUSHA	0	0	0	0	0	0	0	6	6	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	1	1	7	8
	0	1	1	0	0	0	16	16	0	0	3	14	17	0	0	0	1	0	1	0	1	0	1	0	1	5	31	36
	0	0	0	0	0	0	1	1	0	0	0	0	0	0	5	5	0	0	0	0	0	0	0	0	0	0	6	6
DODOMA	0	0	0	0	0	0	0	0	0	0	0	6	1	7	0	0	0	0	0	0	0	0	0	0	0	6	1	7
	0	0	0	0	1	0	1	0	1	0	0	0	2	1	3	0	0	0	0	0	0	0	0	1	1	3	2	5
	0	0	0	0	0	0	1	1	0	0	0	8	6	14	0	0	0	0	0	0	0	0	0	0	0	8	7	15
KAGERA	1	0	1	0	0	0	1	0	1	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	2	3	5
	0	0	0	1	1	2	7	9	0	0	0	9	11	20	0	0	0	0	2	2	0	0	0	0	12	21	33	
	0	0	0	0	0	0	0	0	0	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	2	1	3	
KILIMANJARO	0	0	0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	1	0	1	0	0	0	0	0	5	0	5
	0	0	0	1	0	1	0	1	1	0	1	3	10	13	0	0	0	0	0	0	1	0	1	0	1	5	12	17
	0	0	0	0	0	0	1	1	0	1	1	6	8	14	0	0	0	0	0	0	0	0	0	0	6	10	16	
MBEYA	0	0	0	0	0	0	1	1	0	0	0	3	12	15	0	0	0	0	1	1	0	0	0	0	3	14	17	
	0	0	0	0	0	0	1	1	0	0	0	3	5	8	0	0	0	0	0	0	0	0	0	0	3	6	9	
	0	0	0	0	0	0	1	1	0	0	0	2	1	3	0	0	0	0	0	0	0	0	0	0	2	2	4	
MOROGORO	0	0	0	0	0	0	1	1	0	0	0	15	12	27	0	0	0	1	0	1	0	0	0	0	20	22	42	
	2	5	7	2	4	6	0	1	1	0	0	4	3	7	0	0	0	0	0	0	0	0	0	0	7	4	11	
	0	1	1	3	0	0	0	0	0	0	0	4	3	7	0	0	0	0	0	0	0	0	0	0	7	4	11	
MWANZA	0	0	0	0	0	0	1	3	0	0	0	2	1	3	0	0	0	1	1	1	0	1	0	1	5	3	8	
	0	0	0	0	0	0	2	3	0	0	4	2	6	0	0	0	0	0	0	0	0	0	0	0	4	5	9	
	0	0	0	0	0	0	2	3	5	0	0	3	2	5	0	0	0	0	0	0	0	0	0	0	5	5	10	
RUVUMA	0	0	0	0	0	0	2	2	0	0	0	6	3	9	0	0	0	0	0	0	0	0	0	0	6	5	11	
	0	0	0	0	0	0	2	2	0	0	0	6	1	7	0	0	1	0	1	0	1	0	0	0	7	3	10	
	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2	
SHINYANGA	0	0	0	0	0	0	2	1	3	0	0	9	5	14	0	0	0	0	0	0	0	0	0	0	11	6	17	
	0	0	0	0	0	0	2	1	3	0	0	9	5	14	0	0	0	0	0	0	0	0	0	0	11	6	17	
	0	0	0	0	0	0	0	0	0	0	0	3	4	7	0	0	0	1	1	0	0	0	0	3	5	8		
SIMUYU	3	7	10	7	6	13	11	48	59	0	2	2	104	112	216	0	0	0	4	5	9	4	1	5	133	181	314	
	Grand Total																											

Note: The main reason for teachers' absenteeism in Pre-primary schools/streams is attending studies 68.8%. The leading regions for teacher absenteeism are Mwanza, Dar es Salaam and Kigoma with 42%, 36% and 33% respectively.

Pre-Primary Education

Table 1.15: Availability of ICT Equipment in Government and Non-Government Schools/Streams, 2016

Region	Number of Schools/Streams						
	Desktop Computers	Laptop Computers	Photocopier	Projector	Radio	Smart Phone/Tablets	TV
ARUSHA	702	195	107	32	66	29	103
DAR ES SALAAM	1921	440	246	68	120	174	234
DODOMA	263	21	16	5	50	26	22
GEITA	12	5	3	1	15	1	2
IRINGA	101	34	13	3	56	0	14
KAGERA	203	89	55	15	81	8	43
KATAVI	3	18	1	2	8	0	0
KIGOMA	54	12	9	1	51	0	9
KILIMANJARO	346	68	37	24	47	26	65
LINDI	1	1	1	1	5	20	1
MANYARA	39	19	6	4	71	0	15
MARA	88	70	17	2	44	52	12
MBEYA	151	18	10	4	14	202	24
MOROGORO	287	30	25	13	26	29	25
MTWARA	3	151	1	49	19	2	2
MWANZA	623	42	57	7	76	21	67
NJOMBE	71	28	19	10	10	1	13
PWANI	268	53	26	11	18	2	30
RUKWA	65	26	8	6	21	4	11
RUVUMA	27	16	3	4	27	0	4
SHINYANGA	43	17	20	4	25	3	17
SIMIU	9	13	4	3	21	0	0
SINGIDA	12	1	0	0	18	0	4
SONGWE	42	3	10	0	16	0	6
TABORA	64	29	7	4	21	2	12
TANGA	181	22	16	6	37	32	27
Grand Total	5579	1421	717	279	963	634	762

Pre-Primary Education

Table 1.16: Number of Government and Non-Government Schools/Streams with Electric Power by Region and Source, 2016

Region	Number of Schools/Streams							No of Schools with Electricity
	National Grid	Biogas	Generator	Solar	Wind	Other	No of Schools with no Electricity	
ARUSHA	295	3	42	83	1	76	232	500
DAR ES SALAAM	511	2	66	18	0	22	38	619
DODOMA	118	0	4	38	0	200	384	360
GEITA	48	0	6	9	0	227	306	290
IRINGA	133	1	3	29	1	31	290	198
KAGERA	269	1	36	12	0	138	471	456
KATAVI	3	0	15	5	0	1	152	24
KIGOMA	18	0	10	11	1	31	562	71
KILIMANJARO	355	2	14	20	1	72	492	464
LINDI	60	1	5	18	0	40	351	124
MANYARA	105	1	2	13	0	43	432	164
MARA	179	0	10	25	1	58	550	273
MBEYA	164	0	6	7	0	104	497	281
MOROGORO	216	0	7	13	0	47	550	283
MTWARA	59	0	1	428	0	13	169	501
MWANZA	227	1	19	26	0	53	606	326
NJOMBE	108	0	9	83	0	176	105	376
PWANI	129	1	12	49	0	80	311	271
RUKWA	33	0	3	5	0	186	133	227
RUVUMA	34	0	43	7	0	203	493	287
SHINYANGA	84	0	6	30	0	253	217	373
SIMUYU	131	0	0	17	0	74	304	222
SINGIDA	83	1	1	29	0	175	259	289
SONGWE	33	1	2	10	0	6	299	52
TABORA	53	0	2	14	0	111	580	180
TANGA	222	1	5	14	0	217	561	459
Grand Total	3670	16	329	1013	5	2637	9344	7670

2.0 PRIMARY EDUCATION

According to the Education and Training Policy 2014 (ETP 2014), Primary Education is a six years education cycle after one year of Pre-Primary Education. It is universal and compulsory 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. The ETP (1995) was a seven years education cycle after Pre-Primary. It was also universal and compulsory to all children aged 7 to 13 years old.

Primary Education

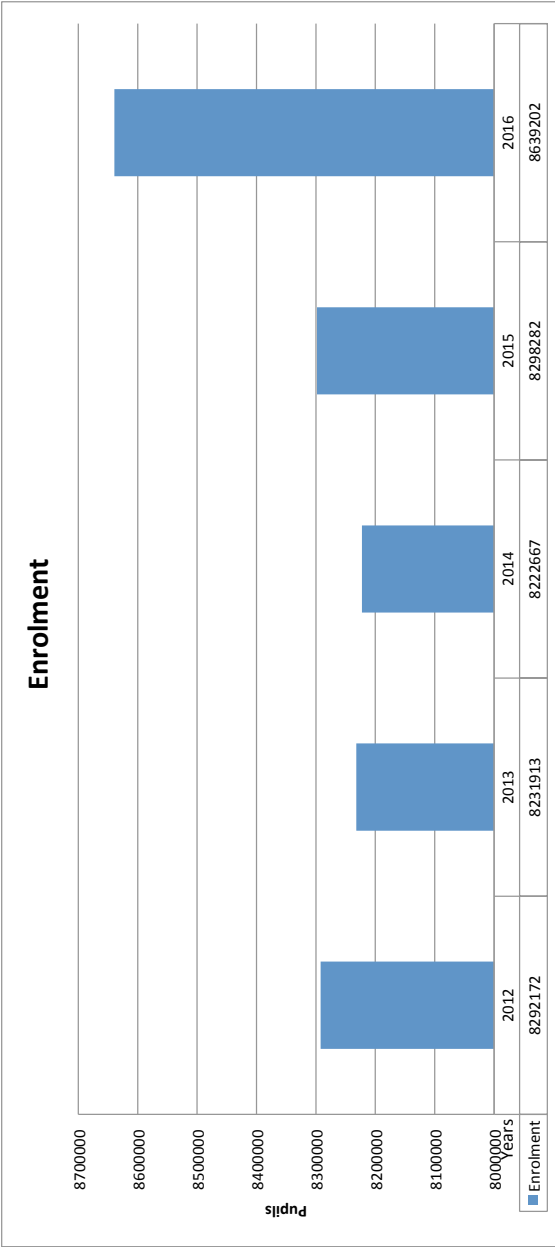
Table 2.1: Standard I-VII Enrolment in Government and Non-Government Primary Schools by Sex and Grade, 2011 - 2016

a) Total Enrolment	2012		2013		2014		2015		2016		% Increase				
	M	F	T	M	F	T	M	F	T	M		F	T		
Std I-VII	4086280	4160892	8247172	4165626	8231913	4047582	4175085	8222667	4079905	4218377	4265714	4373488	8639202	5.1	
Government	3970502	4049246	8019748	3965572	4088354	8033926	3933130	4061545	7994675	4115995	4226289	4342884	8342284	4.3	
Non-Govt	115778	111646	227424	100715	97272	197987	114452	113540	227992	147199	147199	296918	302		
b) Enrolment Grades															
Std I	706321	698677	1404998	717824	712407	1430231	756165	746939	1503104	792289	776089	1083128	1037539	2120667	41.1
Government	685244	679176	1364420	700589	696045	1396634	738649	727727	1464376		1057885	1071295	2070880	41.4	
Non-Govt	21077	19501	40578	17235	16362	33597	19516	19212	38728		25243	24544	49787	28.6	
Std II	774593	663389	1377982	673059	673059	1347896	686924	687369	1374293	710277	701306	686108	673115	1359223	-1.1
Government	650425	645550	1295975	658628	657303	1315931	668336	669058	1337394		661046	648474	1309520	-2.1	
Non-Govt	19168	17839	37007	16211	15756	31967	18588	18311	36899		25062	24641	49703	34.7	
Std III	620024	619892	1239916	639004	641224	1280308	628033	633229	1256032	639147	646045	625124	632820	1257944	0.2
Government	601907	602696	1204603	623095	626189	1249284	604925	615345	1220270		601672	609740	1211412	-0.7	
Non-Govt	18117	17196	35313	15989	15035	31024	17878	17884	35762		23452	23080	46532	30.1	
Std IV	592432	602727	1195159	590266	603846	1194112	589803	608579	1198382	550111	583541	515693	544499	1060192	-11.5
Government	575847	586363	1162210	575592	589652	1165244	573034	591930	1164964		493271	522560	1015831	-12.8	
Non-Govt	16585	16364	32949	14674	14194	28668	16769	16649	33418		22422	21939	44361	32.7	
Std V	530812	551026	1081838	509185	534016	1043201	507797	534640	1042437	512514	543951	495491	531120	1026611	-1.5
Government	515357	535765	1051122	495377	520298	1015675	491966	519245	1011231		475468	511070	986538	-2.4	
Non-Govt	15455	15261	30716	13808	13718	27526	15811	15395	31206		20023	20050	40073	28.4	
Std VI	531905	509039	1002844	512278	538136	1050414	485516	520152	1008668	494345	533983	1028328	485198	529473	0.6
Government	517725	536747	1054472	499985	525831	1025016	474493	505993	980486		467115	511573	978688	-0.2	
Non-Govt	14180	14192	28372	12293	12305	24598	14023	14159	28182		18083	17900	35983	27.7	
Std VII	435193	474242	909435	422811	462938	885749	395574	444177	839751	381222	433562	474922	799894	-4.7	
Government	423997	462949	886946	412306	453036	865342	383707	432247	815954		374927	424922	799894	-5.7	
Non-Govt	11196	11293	22489	10505	9902	20407	11867	11930	23797		359538	409877	769415	28.1	

Note: Total enrolment has increased by 5.1% from 8 222 667 pupils in year 2014 to 8 639 202 pupils in year 2016. This has been contributed by an increase of Standard I pupils enrolment as a result of fee free education policy. Also, presence of strong partnership between government and parents, faith-based organizations (FBOs) and community-based organizations (CBOs) in provision of Primary Education.

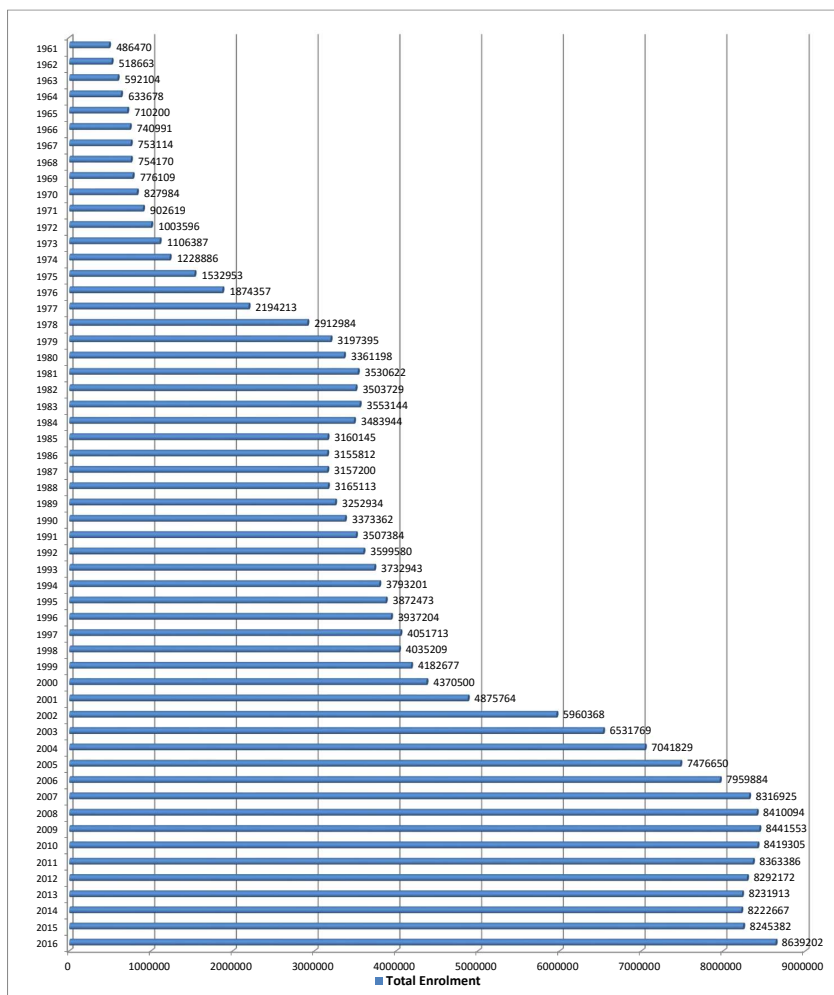
Primary Education

Chart 2.1: Standard I-VII Enrolment in Government and Non-Government Primary Schools by Grade, 2012 - 2016



Primary Education

Chart 2.2: Comparison of Total Enrolment of Pupils in Primary Education, 1961 - 2016



Primary Education

Table 2.2: Total Enrolment of Non-Tanzanians Pupils by Citizenship, Grade and Sex, 2016

Country	Std I			Std II			Std III			Std IV			Std V			Std VI			Std VII			Grand Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Burundi	141	153	294	77	82	159	92	78	170	62	67	129	316	303	619	178	132	310	103	77	180	969	892	1861
Kenya	9	11	20	10	5	15	7	7	14	7	7	14	116	114	230	20	23	43	2	6	8	171	173	344
Outside Africa	52	58	110	57	47	104	50	55	105	41	40	81	48	42	90	37	55	92	33	37	70	318	334	652
Rest of Africa	6	4	10	8	3	11	6	9	15	7	4	11	8	8	16	3	4	7	1	3	4	39	35	74
Rwanda	1	1	2	0	0	0	1	0	1	2	1	3	0	0	0	3	2	5	0	0	0	7	4	11
SADC Countries	4	6	10	8	13	21	10	13	23	9	13	22	17	14	31	7	18	25	1	0	1	56	77	133
Uganda	0	0	0	2	3	5	1	0	1	6	1	7	3	3	6	1	1	2	3	5	8	16	13	29
Grand Total	213	233	446	162	153	315	167	162	329	134	133	267	508	484	992	249	235	484	143	128	271	1576	1528	3104

Table 2.3: Trend in Enrolment of Non-Tanzanians Pupils by Citizenship and Sex, 2011-2016

Country	2011			2012			2013			2014			2015			2016		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Burundi	16341	16914	33255	17893	16663	34556	16869	16979	33848	969	1861	2830	18840	969	892	1861		
Kenya	15	24	39	31	22	53	45	34	79	171	344	515	68	171	173	344		
Rwanda	0	2	2	3	0	3	2	1	3	318	652	970	181	7	4	11		
SADC Countries	6	3	9	3	4	7	4	3	7	39	74	113	24	56	77	133		
Uganda	15	24	39	282	252	534	34	34	68	7	11	18	6	16	13	29		
Rest of Africa	142	152	294	41	36	77	42	48	90	56	133	189	39	39	35	74		
Outside Africa	92	112	204	109	176	285	155	207	362	16	29	45	183	318	334	652		
Total	16611	17231	33842	18362	17153	35515	17151	17306	34457	1576	3104	4680	19341	1576	1528	3104		

Note: The enrolment of Non-Tanzanians Pupils in Primary Education has been decreasing from 34,457 in 2013 to 3104 in 2016. This is due to Political stability in the respective countries specifically Burundi and newly naturalized Tanzanians (formerly Burundian Refugees).

Primary Education

Table 2.4: Standard I-VII Enrolment in Government and Non-Government Schools by Age, Sex and Percentage Distribution, 2011 - 2016

Age in Years	2012			2013			2014			2015			2016		
	F	T	% of F	F	T	% of F	F	T	% of F	F	T	% of F	F	T	% of F
<6													11804	22049	53.5
6													178080	336883	52.9
<7	78036	136266	57.3	75371	110447	68.2	38936	62405	62.4	56096	94613	59.3	189884	358932	52.9
7	502649	997183	50.4	547629	1085229	50.5	578504	1144892	50.5	575671	1142027	50.4	619823	1241450	49.9
8	615360	1231872	50.0	613909	1240444	49.5	657791	1316258	50.0	672761	1348780	49.9	674889	1357596	49.7
9	593623	1188861	49.9	615817	1237879	49.7	630337	1255284	50.2	648769	1290106	50.3	642348	1288356	49.9
10	608264	1208357	50.3	587816	1162272	50.6	608555	1202721	50.6	597586	1182393	50.5	587055	1160357	50.6
11	557676	1112224	50.1	532771	1050199	50.7	557477	1090845	51.1	559926	1089528	51.4	548116	1066849	51.4
12	544911	1075479	50.7	516883	1008222	51.3	531901	1034352	51.4	537222	1040473	51.6	528726	1017725	52.0
13	456525	893070	51.1	454297	890793	51.0	442992	849735	52.1	437800	834855	52.4	428610	824587	52.0
7 to 13	3879008	7707046	50.3	3869122	7675038	50.4	4046493	7956492	50.9	4029735	7928162	50.8	4029567	7956920	50.6
>13	203848	403860	50.5	221133	446428	49.5	128592	266175	48.3	132546	275507	48.1	154037	323350	47.6
Grand Total	4160892	8247172	50.5	4165626	8231913	50.6	4175085	8222667	50.8	4218377	8298282	50.8	4373488	8639202	50.6
% of 7-13 Years	93.5			93.2			96.8			95.5			92.1		

Note: In year 2016, about 92.1% of pupils enrolled complied with the official school ages of 7-13 years as stipulated in ETP (1995), while about 91.8% of pupils enrolled with school specific ages of 6-12 years as per ETP (2014).

Primary Education

Table 2.5: 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 Age, Sex and Percentage, 2012 – 2016

Age in Years	2012			2013			2014			2016		
	F	T	% of F	F	T	% of F	F	T	% of F	F	T	% of F
<6										11977	22235	53.9
6										178448	337673	52.8
<7	77518	135372	57.3	60524	91111	66.4	37860	60654	62.4			
7	474469	952971	49.8	504583	1014397	49.7	546429	1092480	50.0	541256	1098100	49.3
8	112828	240273	47.0	111958	244019	45.9	125127	265080	47.2	203289	431440	47.1
9	26289	58313	45.1	27790	62841	44.2	28684	64359	44.6	69987	155187	45.1
10	6731	15945	42.2	6567	15461	42.5	7618	17544	43.4	26008	60612	42.9
11	634	1591	39.8	766	1818	42.1	912	2075	44.0	3839	9091	42.2
12	164	422	38.9	95	296	32.1	183	419	43.7	1436	3557	40.4
13	41	97	42.3	98	228	43.0	63	233	27.0	717	1677	42.8
>13	3	14	21.4	26	60	43.3	63	260	24.2	312	684	45.6
Grand Total	698677	1404998	49.7	712407	1430231	49.8	746939	1503104	49.7	1037269	2120256	48.9
No. of New Entrants with Pre-Primary Education	474242	909435		473674	848773		424564	851224		573695	1161247	
% of New Entrants with Pre-Primary Education	67.9	64.7		66.5	59.3		56.8	56.6		55.3	54.8	

Note: About 54.8% of new entrants enrolled in STD I in 2016 had Pre-primary education. However, according to ETP (2014) pupils aged 5-6 year-olds should have Pre-Primary Education before they are admitted to STD I. This implies that sensitization on importance of Pre-primary education as the base for Primary education is required. Enrolment capacity of Pre-primary schools/streams also need to be enhanced.

Primary Education

Table 2.6: Gross and Net Intake Rates (GIR and NIR) for Standard I in Government and Non-Government Primary Schools by Age and Sex, 2011–2016

Age in Years	2011			2012			2013			2014			2016		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
<6													10258	11977	22235
6													159225	178448	337673
<7	89211	113388	202599	57854	77518	135372	30587	60524	91111	22794	37860	60654	169483	190425	369908
7	443895	429446	873141	478502	474469	952971	509814	504583	1014397	548051	546429	1092480	558844	541256	1098100
8	124589	112366	236955	127445	112828	240273	132061	111958	244019	139953	125127	265080	228151	203289	431440
9	31752	25629	57381	32024	26289	58313	35051	27790	62841	35675	28684	64359	85200	69987	155187
10	9187	7186	16373	9214	6731	15945	8894	6567	15461	9926	7618	17544	34604	26008	60612
11	849	607	1456	957	634	1591	1052	766	1818	1163	912	2075	5252	3839	9091
12	150	93	243	258	164	422	201	95	296	236	183	419	2121	1436	3557
13	22	7	29	56	41	97	130	98	228	170	63	233	960	717	1677
>13	28	11	39	11	3	14	34	26	60	197	63	260	372	312	684
Grand Total	699483	688733	1388216	706321	698677	1404998	717824	712407	1430231	756165	746939	1503104	1082987	1037269	2120256
% of <7 Year-Olds	12.8	16.5	14.6	8.2	11.1	9.6	4.3	8.5	6.4	3.0	5.1	4.0	15.6	18.4	17.0
% of 7 Year-Olds	63.4	62.4	62.9	67.7	67.9	67.8	71.0	70.8	70.9	72.2	73.2	72.7	51.4	52.2	51.8
Population 7 Year-Olds	642502	631044	1273546	661135	649344	1310478.8	702056	689412	1391468	721537	708526	1430062.8	757816.15	744397	1502213.2
GIR (7 Years)	108.9	109.1	109.0	106.8	107.6	107.2	102.2	103.3	102.8	104.8	105.4	105.1	142.9	139.3	141.1
NIR (7 Years)	69.1	68.1	68.6	72.4	73.1	72.7	72.6	73.2	72.9	75.7	77.1	76.4	73.5	72.7	73.1
Source:	Nationa Bureau of Statistics - Projected Population Data of pupils with 7 years														

Note: The proportion of Std I enrolment with age below 7 years was decreasing to 4.0% in 2014 from 14.6% in 2011. This was due to increasingly parental awareness and implementation of government directives of the entrants age to Std I of 6 years as per ETP (2014). Through an implementation of new ETP (2014), the new entrants age to Std I of age below 7 years has increased the proportion from 4.0% in 2014 to 17.0% in 2016.

Primary Education

Table 2.7: Gross and Net Intake Rates (GIR and NIR) in Government and Non-Government Primary Schools by Sex and Region, 2016

Region	Population 7 Year - Olds			New Enrolment Std I			New Enrolment Std I of 7 Year- Olds			GIR (%)			NIR (%)		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Arusha	27994	27391	55386	27663	25683	53346	17642	15946	33588	98.8	93.8	96.3	63.0	58.2	60.6
Dar es Salaam	57791	57793	115574	50448	51272	101720	29364	27507	56871	87.3	88.7	88.0	50.8	47.6	49.2
Dodoma	41197	40030	81227	40968	40760	81728	26315	26961	53276	99.4	101.8	100.6	63.9	67.4	65.6
Geita	33967	33470	67437	68778	66752	135530	30735	31310	62045	202.5	199.4	201.0	90.5	93.5	92.0
Iringa	14186	14235	28421	18129	17718	35847	9965	9588	19553	127.8	124.5	126.1	70.2	67.4	68.8
Kagera	46258	45364	91622	60703	57539	118242	27814	26901	54715	131.2	126.8	129.1	60.1	59.3	59.7
Katavi	10998	10873	21871	15595	15405	31000	7641	7619	15260	141.8	141.7	141.7	69.5	70.1	69.8
Kigoma	38911	38071	76982	52783	51219	104002	23562	22146	45708	135.7	134.5	135.1	60.6	58.2	59.4
Kilimanjaro	23939	23243	47181	23387	21678	45065	14742	13516	28258	97.7	93.3	95.5	61.6	58.2	59.9
Lindi	13593	13507	27100	16586	15532	32118	10883	10626	21509	122.0	115.0	118.5	80.1	78.7	79.4
Manyara	27406	26630	54037	26964	25151	52115	17825	16958	34783	98.4	94.4	96.4	65.0	63.7	64.4
Mara	32273	31329	63602	61271	58214	119485	29648	29282	58930	189.9	185.8	187.9	91.9	93.5	92.7
Mbeya	29193	29068	58261	35285	34185	69470	18621	17341	35962	120.9	117.6	119.2	63.8	59.7	61.7
Morogoro	35794	35852	71647	41500	39763	81263	24797	24697	49494	115.9	110.9	113.4	69.3	68.9	69.1
Mtwara	19213	19143	38357	25810	24673	50483	14984	14696	29680	134.3	128.9	131.6	78.0	76.8	77.4
Mwanza	50170	49962	100132	75299	74354	149653	46743	47594	94337	150.1	148.8	149.5	93.2	95.3	94.2
Njombe	10859	10943	21802	13511	13025	26536	8712	8286	16998	124.4	119.0	121.7	80.2	75.7	78.0
Pwani	18299	17777	36075	29169	26335	55504	13901	12741	26642	159.4	148.1	153.9	76.0	71.7	73.9
Rukwa	20407	20145	40552	33487	33538	67025	16023	16287	32310	164.1	166.5	165.3	78.5	80.9	79.7
Ruvuma	21865	22451	44316	30192	28441	58633	18029	17476	35505	138.1	126.7	132.3	82.5	77.8	80.1
Shinyanga	28540	27906	56446	41779	41399	83178	25623	26737	52360	146.4	148.4	147.4	89.8	95.8	92.8
Simiyu	31192	30294	61486	40917	40662	81579	25609	50430	102097	131.2	134.2	132.7	79.6	84.5	82.0
Singida	25649	24604	50253	28201	27150	55351	21246	20851	42097	110.0	110.3	110.1	82.8	84.7	83.8
Songwe	15400	15358	30758	19573	19579	39152	11441	10550	21991	127.1	127.5	127.3	74.3	68.7	71.5
Tabora	45609	43481	89090	61500	58371	119871	27968	27968	56449	134.8	134.2	134.6	62.4	64.3	63.4
Tanga	37113	35485	72598	53782	48557	102339	31361	28320	59681	144.9	136.8	141.0	84.5	79.8	82.2
Grand Total	757816	744397	1502213	993280	956955	1950235	556669	542063	1098732	131.1	128.6	129.8	73.5	72.8	73.1

Source: National Bureau of Statistics (NBS) - Population Data 7 years old.

Note: The highest Net Intake rate is observed in Mwanza Region with NIR 94.2% and the lowest is Dar Es Salaam with 49.2%.

Primary Education

Table 2.8: Gross and Net Enrolment Ratio (GER and NER) in Percentage and Gender Parity Index (GPI) for Primary Schools by Sex and Region, 2016

Region	Population (7- 13)				Total Enrolment (Grade I-VII)				Total Enrolment of (7-13)				GER (%)				NER (%)				GPI
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T			
Arusha	177149	177330	354479	152329	150804	303133	140909	139751	280660	86.0	85.0	85.5	79.5	78.8	79.2	78.8	79.5	78.8	79.2	1.0	
Dar es Salaam	350919	368978	719897	279593	292931	572524	271202	280419	551621	79.7	79.4	79.5	77.3	76.0	76.6	76.6	77.3	76.0	76.6	1.0	
Dodoma	233406	229855	463261	186113	206441	392554	173860	192980	366840	79.7	89.8	84.7	74.5	84.0	79.2	74.1	84.0	79.2	79.1	1.1	
Geita	204642	203638	408280	222762	223586	446348	204528	203534	408062	108.9	108.8	109.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	1.0	
Iringa	96354	97821	194175	99033	103080	202113	89027	93340	182367	102.8	105.4	104.1	92.4	95.4	93.9	92.4	95.4	93.9	93.9	1.0	
Kagera	283423	284419	567842	230641	234717	465358	213872	218388	432260	81.4	82.5	82.0	75.5	76.8	76.1	76.1	75.5	76.8	76.1	1.0	
Katavi	64730	64767	129497	57678	57526	115204	51972	51889	103861	89.1	88.8	89.0	80.3	80.1	80.2	80.3	80.1	80.2	80.1	1.0	
Kigoma	234328	235635	469963	194498	193102	387600	171319	169437	340756	83.0	81.9	82.9	78.4	76.6	77.5	78.4	76.6	77.5	77.5	1.0	
Kilimanjaro	164279	164181	328459	137793	134443	272236	128766	125709	254475	79.9	81.9	82.9	78.4	76.6	77.5	78.4	76.6	77.5	77.5	1.0	
Lindi	83851	82725	166577	79624	82015	161639	75205	77612	152817	77.1	80.8	78.9	72.9	76.3	74.5	74.1	76.3	74.5	74.1	1.0	
Manyara	164625	160371	324996	126907	129520	256427	119960	122322	242282	77.1	80.8	78.9	72.9	76.3	74.5	74.1	76.3	74.5	74.1	1.0	
Mara	201557	198818	400375	250380	245040	495420	201098	198198	399296	124.2	123.2	123.7	99.8	99.7	99.7	99.8	99.7	99.7	99.7	1.0	
Mbeya	186010	189986	375996	181845	189719	371564	164248	171156	335404	97.8	99.9	98.8	88.3	90.1	89.2	88.1	88.3	90.1	89.2	1.0	
Morogoro	223133	223474	446607	206472	212346	418818	190516	196878	387394	92.5	95.0	93.8	85.4	88.1	86.7	85.4	88.1	86.7	86.7	1.0	
Mtwara	119903	118902	238805	120327	124657	244984	118566	116135	227991	100.4	104.8	102.6	93.3	97.7	95.5	93.3	97.7	95.5	95.5	1.0	
Mwanza	304388	304898	609286	319892	330741	650633	300616	303910	604526	105.1	108.5	106.8	98.8	99.7	99.2	98.8	99.7	99.2	99.2	1.0	
Njombe	72211	73327	145538	76286	79177	155463	70763	73496	144259	105.6	108.0	106.8	96.8	99.7	99.1	96.8	99.7	99.1	99.1	1.0	
Pwani	108200	105888	214058	127428	128312	255740	108014	105541	213555	117.8	121.2	119.5	98.8	99.7	99.8	98.8	99.7	99.8	99.8	1.0	
Rukwa	119573	121945	241518	111244	115830	227074	100002	104030	204032	93.0	95.0	94.0	83.6	85.3	84.5	83.6	85.3	84.5	84.5	1.0	
Ruvuma	140969	148334	289303	136580	140333	276913	126709	130837	257546	96.9	94.6	95.7	89.9	88.2	89.0	88.2	89.9	88.2	89.0	1.0	
Shinyanga	164590	165432	330022	158712	158712	309263	140762	148726	289488	91.5	95.9	93.7	85.5	89.9	87.7	85.5	89.9	87.7	87.7	1.1	
Simiyu	181515	181356	362871	162310	173349	335659	153534	164455	317989	89.4	95.6	92.5	84.6	90.7	87.6	84.6	90.7	87.6	87.6	1.1	
Singida	152686	148145	300831	127303	134037	261340	122285	129025	251310	83.4	90.5	86.9	80.1	87.1	83.5	80.1	87.1	83.5	83.5	1.1	
Songwe	97358	96877	196235	87516	92218	179734	80829	83557	164386	89.9	93.3	91.6	83.0	84.5	83.8	83.0	84.5	83.8	83.1	1.1	
Tabora	261467	256266	517733	221059	219768	440827	197338	196460	393798	84.5	85.8	85.1	75.5	76.7	76.1	75.5	76.7	76.1	76.1	1.0	
Tanga	223975	221392	445367	219550	221084	440634	199722	201678	401400	98.0	99.9	98.9	88.2	91.1	90.1	88.2	91.1	90.1	90.1	1.0	
Grand Total	4615240	4626730	9241970	4265714	4373488	8639202	3908912	3999463	7908375	92.4	94.5	93.5	84.7	86.4	85.6	84.7	86.4	85.6	85.6	1.0	

Source: Population Data - National Bureau of Statistics

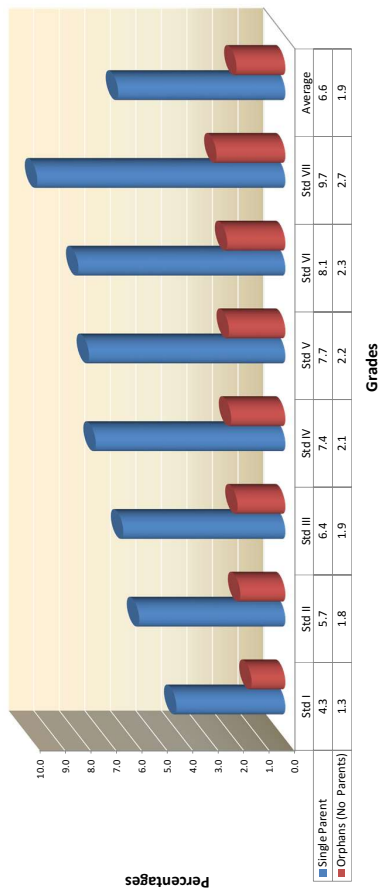
Note: While Sustainable Development Goals -4 call for not leaving any one behind regarding education provision, there 14.4% or 1,333,595 pupils of school age population (7-13) who are not at schools. More sensitization to community to enrol pupils to schools is needed apart from providing free and compulsory basic education, some interventions such as providing school meals need to be introduced so as to attract more pupils to schools especially from poor families.

Primary Education

Table 2.9: Number of Orphans in Government and Non-Government Primary Schools by Grade and Sex, 2016

Grade	Std I-VII			Death of Single Parent Orphans			Death of Both Parents Orphans			GRAND TOTAL		
	M	F	T	M	F	T	% of T	M	F	T	% of T	T
Std I	1083128	1037539	2120667	47353	43173	90526	4.3	13980	14097	28077	1.3	61333
Std II	686108	673115	1359223	40316	37508	77824	5.7	11897	12136	24033	1.8	52213
Std III	625124	632820	1257944	40686	39206	79892	6.4	11566	11986	23552	1.9	49644
Std IV	515693	544499	1060192	39029	39716	78745	7.4	10899	11609	22508	2.1	51192
Std V	495491	531120	1026611	39058	39899	78957	7.7	10849	11852	22701	2.2	49528
Std VI	485198	529473	1014671	40034	42238	82272	8.1	11126	11980	23106	2.3	51751
Std VII	374972	424922	799894	37382	40364	77746	9.7	10284	11302	21586	2.7	47666
Total	4265714	4373488	8639202	283858	282104	565962	6.6	80605	84969	165574	1.9	364463

Chart 2.3: Percentage of Orphan Pupils in Government and Non Government Schools, 2016



Note: About 6.6% of primary school pupils are orphans of single parent while 1.9% are orphans of both parents.

Primary Education

Table 2.10: Number of Orphans in Government and Non-Government Primary Schools by Region, Grade and Sex, 2016

Region	Total Enrolment (Std I-VI)			Death of Single Parent			Death of Both Parents			Grand T			% of Enrolment
	M	F	T	M	F	T	M	F	T	M	F	T	
Anusha	152329	150804	303133	8827	8862	17689	1979	2095	4074	10806	10957	21763	7.2
Dar es Salaam	279593	292931	572524	15933	16318	32251	6300	6917	13217	22233	23235	45468	7.9
Dodoma	186113	206441	392554	11175	11544	22719	3478	3608	7086	14653	15152	29805	7.6
Geita	222762	223586	446348	13804	12660	26464	4833	5198	10031	18637	17858	36495	8.2
Iringa	99033	103080	202113	11205	11744	22949	2945	3168	6113	14150	14912	29062	14.4
Kagera	230641	234717	465358	18739	17833	36572	4367	4492	8859	23106	22325	45431	9.8
Katavi	57678	57526	115204	3074	3084	6158	971	1005	1976	4045	4089	8134	7.1
Kigoma	194498	193102	387600	10542	10161	20703	2102	2244	4346	12644	12405	25049	6.5
Kilimanjaro	137793	134443	272236	9018	8521	17539	1896	1828	3724	10914	10349	21263	7.8
Lindi	79624	82015	161639	4585	4734	9319	788	868	1656	5373	5602	10975	6.8
Manyara	126907	129520	256427	6856	6889	13745	1088	1041	2109	7924	7930	15854	6.2
Mara	250380	245040	495420	17436	16230	33666	5186	5212	10398	22622	21442	44064	8.9
Mbeya	181845	189719	371564	15840	16288	32128	4732	5096	9828	20572	21384	41956	11.3
Morogoro	206472	212346	418818	13439	13404	26843	3309	3400	6709	16748	16804	33552	8.0
Mtwara	120327	124657	244984	7240	7533	14773	834	880	1714	8074	8413	16487	6.7
Mwanza	319892	330741	650633	20663	20627	41290	7628	7870	15498	28291	28497	56788	8.7
Njombe	76286	79177	155463	7858	8099	15957	1870	1967	3837	9728	10066	19794	12.7
Pwani	127428	128312	255740	10206	10263	20469	2897	3179	6076	13103	13442	26545	10.4
Rukwa	111244	115830	227074	5954	6310	12264	1709	1772	3481	7663	8082	15745	6.9
Ruvuma	136580	140333	276913	8624	8715	17339	1603	1794	3397	10227	10509	20736	7.5
Shinyanga	150551	158712	309263	10575	10481	21056	3645	3894	7539	14220	14375	28595	9.2
Simiyu	162310	173349	335659	11402	11088	22490	4667	4873	9540	16069	15961	32030	9.5
Singida	127303	134037	261340	6870	7313	14183	1560	1725	3285	8430	9038	17468	6.7
Songwe	87516	92218	179734	5871	6232	12103	1591	1713	3304	7462	7945	15407	8.6
Tabora	221059	219768	440827	12987	12397	25384	4748	5019	9767	17735	17416	35151	8.0
Tanga	219550	221084	440634	15135	14774	29909	3895	4104	7999	19030	18878	37908	8.6
Grand Total	4265714	4373488	8639202	283903	282158	566061	80605	84969	165574	364463	367073	731536	8.5

Note: The Percentage of Orphans with respect to their Region Enrolment show that: Iringa has more Orphans (14.4%) followed by Njombe (12.7%), Mbeya (11.3%) and Pwani (10.4%) while the Region with least number of Orphans are Manyara (6.2%), Singida and Mtwara with 6.7% each.

Primary Education

Table 2.11: Number of Pupils with Disabilities in Government and Non-Government Primary Schools by Type of Disability, Grade and Sex, 2016

Grade	Total Enrolment (Std I-VII)			Albino			Autism			Deaf/Blind			Deaf/Mute		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Std I	1083128	1037539	2120667	234	255	489	307	195	502	960	832	1792	64	51	115
Std II	686108	673115	1359223	139	151	290	75	57	132	509	430	939	51	31	82
Std III	625124	632820	1257944	133	154	287	73	44	117	564	491	1055	38	32	70
Std IV	515693	544499	1060192	94	116	210	53	43	96	340	298	638	36	26	62
Std V	495491	531120	1026611	119	87	206	39	26	65	447	377	824	42	26	68
Std VI	485198	529473	1014671	107	105	212	35	21	56	344	286	630	44	27	71
Std VII	374972	424922	799894	95	81	176	20	15	35	238	204	442	20	24	44
Grand Total	4265714	4373488	8639202	921	949	1870	602	401	1003	3402	2918	6320	295	217	512
% of Total				2.5	2.6	5.0	1.6	1.1	2.7	9.2	7.9	17.1	0.8	0.6	1.4

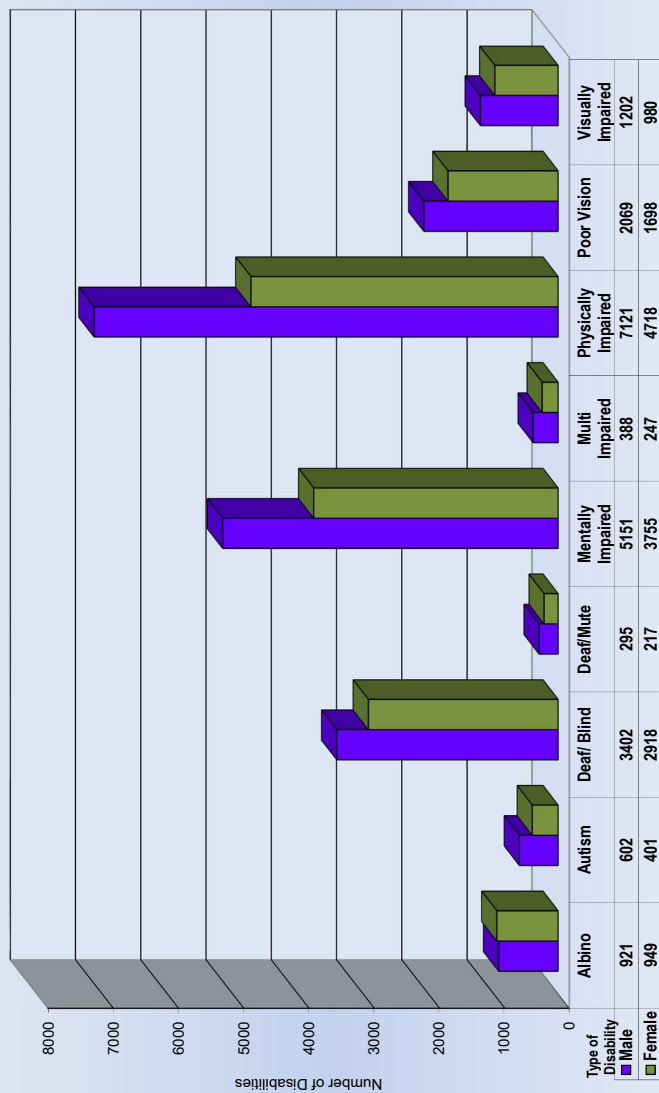
Table 2.11: Number of Pupils with Disabilities in Government and Non-Government Primary Schools Cont'd...

GRADE	Mentally Impaired			Multi Impaired			Physically Impaired			Poor Vision			Visually Impaired			Grand Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Std I	2498	1814	4312	186	109	295	1591	1003	2594	306	243	549	329	295	624	6475	4797	11272
Std II	993	668	1661	40	31	71	984	636	1620	227	173	400	198	153	351	3216	2330	5546
Std III	683	511	1194	50	21	71	1063	676	1739	258	182	440	170	126	296	3032	2237	5269
Std IV	320	233	553	32	23	55	902	636	1538	350	283	633	110	100	210	2237	1758	3995
Std V	271	204	475	27	22	49	945	640	1585	299	220	519	154	109	263	2343	1711	4054
Std VI	229	200	429	25	22	47	920	643	1563	294	266	560	126	118	244	2124	1688	3812
Std VII	157	125	282	28	19	47	716	484	1200	335	331	666	115	79	194	1724	1362	3086
Grand Total	5151	3755	8906	388	247	635	7121	4718	11839	2069	1688	3767	1202	980	2182	21151	15883	37034
% of Total	13.9	10.1	24.0	1.0	0.7	1.7	19.2	12.7	32.0	5.6	4.6	10.2	3.2	2.6	5.9	57.1	42.9	100

Note: The percentage of pupils with disabilities to total primary school enrolment is 0.43 in year 2016. This also is 0.40 of total school population age 7- 13 (9,241,970).

Primary Education

Chart 2.4: Number of Pupils with Disabilities in Government and Non-Government Primary Schools by Type of Disability 2016

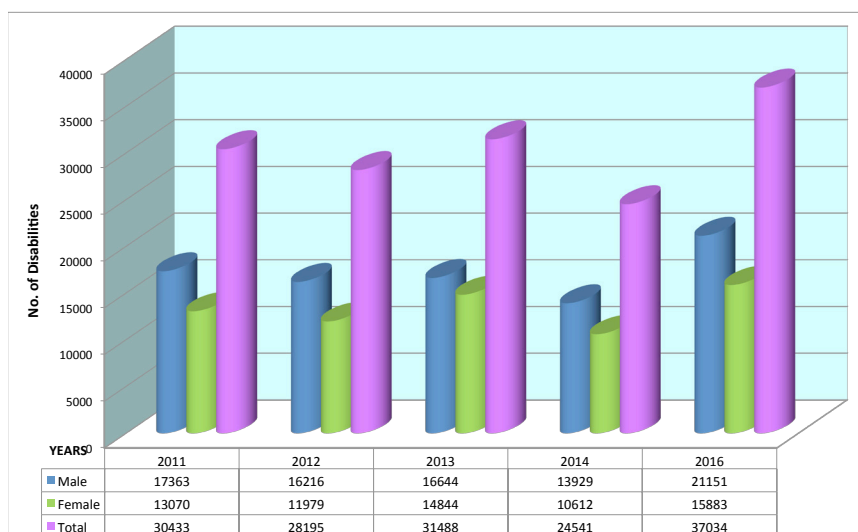


Primary Education

Table 2.12: Trend of Number of Disabilities in Government and Non-Government Primary Schools by Sex, 2011 - 2016

2011			2012			2013			2014			2016		
M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
17363	13070	30433	16216	11979	28195	30433	28195	31488	13929	10612	24541	21151	15883	37034

Chart 2.5: Trend of Number of Disabilities in Government and Non-Government Primary Schools by Sex, 2010 - 2016



Primary Education

Table 2.13: Number of Disabilities in Government and Non-Government Primary Schools by Sex, 2016

Region	Albino		Deaf-Blind		Mentally Impaired		Multi-Impaired		Physically Impaired		Poor vision		Visually Impaired		TOTAL	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Arusha	20	24	71	54	83	84	10	3	388	285	12	13	171	129	159	97
Dar es Salaam	83	62	77	36	398	318	27	24	610	413	26	12	329	218	142	135
Dodoma	50	35	7	7	144	127	15	10	155	121	15	13	238	154	99	98
Geita	10	13	3	4	232	204	19	13	162	106	24	6	333	216	64	48
Iringa	24	19	6	6	90	87	8	5	90	83	6	5	197	162	33	34
Kagera	28	30	14	4	195	143	8	12	171	119	19	9	412	269	50	45
Katavi	7	12	5	2	23	21	0	0	50	31	1	1	88	42	11	3
Kigoma	28	32	20	9	131	80	17	18	222	207	23	14	277	154	48	44
Kilimanjaro	41	56	87	53	201	200	12	11	286	206	26	8	183	135	76	45
Lindi	29	23	4	6	64	50	7	3	120	72	7	6	129	88	25	22
Manyara	6	12	3	9	75	96	6	1	90	65	7	7	263	162	52	39
Mara	33	42	11	8	196	155	8	10	209	194	22	6	532	348	70	50
Mbeya	18	20	28	14	71	64	16	8	259	208	12	11	268	196	117	90
Morogoro	66	49	51	31	215	187	9	9	384	260	13	10	374	203	114	95
Mtwara	41	48	12	12	113	94	11	5	220	130	10	5	287	196	68	61
Mwanza	72	92	18	14	258	226	34	23	265	199	18	13	510	335	167	149
Njombe	12	6	15	9	112	81	4	2	102	57	17	9	192	145	29	36
Pwani	42	41	40	34	117	138	8	7	279	186	18	31	210	158	113	109
Rukwa	19	27	3	4	47	31	1	3	57	48	8	3	199	140	59	43
Ruvuma	26	34	21	13	112	103	6	8	178	104	17	6	414	247	50	33
Shinyanga	102	91	4	1	56	49	7	14	110	83	9	6	282	174	50	49
Simiyu	16	21	4	1	63	32	8	3	103	52	9	7	230	183	62	39
Singida	33	48	18	12	60	53	7	4	106	101	4	1	149	115	97	83
Songwe	6	3	10	7	30	18	5	2	114	78	2	4	118	93	45	31
Tabora	42	52	19	13	166	142	30	8	180	153	13	1	320	183	75	38
Tanga	85	85	39	28	132	131	4	7	361	256	56	31	417	273	194	182
Grand Total	939	977	590	391	3384	2914	287	213	5271	3817	394	243	7122	4718	2069	1698
Grand Total	939	977	590	391	3384	2914	287	213	5271	3817	394	243	7122	4718	2069	1698

NOTE: Dar es Salaam Region have more students with disability 2,978 (7.9%) followed by Mwanza 2,436 (6.5%) and Tanga 2,322 (6.2 %). Physical impairment is the leading type of disability comprising 11,950 (31.8%) pupils, whereby Mara region is leading.

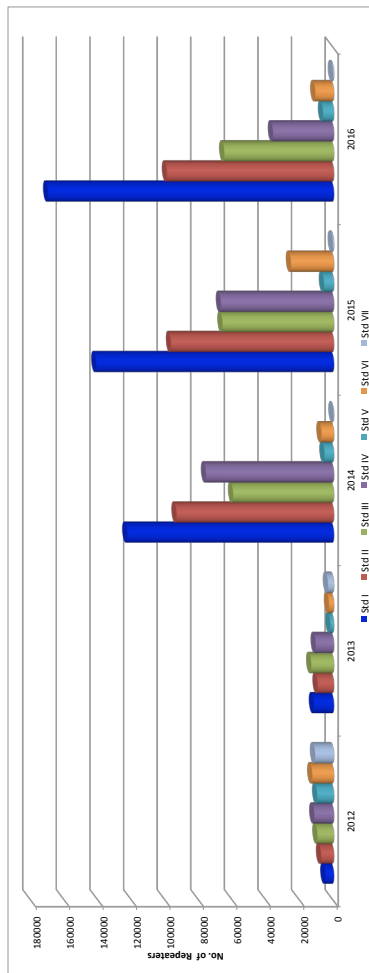
Primary Education

Table 2.14: Trend of Repeaters in Government and Non-Government Primary Schools by Sex and Grade, 2012-2016

YEARS	2012			2013			2014			2015			2016		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
GRADE	2727	2480	5207	6670	5351	12021	64711	58414	123125	76111	65474	141585	90366	79868	170234
Std I	4026	3734	7760	5190	4667	9857	49752	44038	93790	51404	45698	97102	52870	46612	99482
Std II	5200	4717	9917	7572	6006	13578	31291	28841	60132	34799	31625	66424	34222	31137	65359
Std III	6480	5311	11791	6222	4701	10923	38655	37590	76245	35541	31842	67383	18573	17820	36393
Std IV	5609	4450	10059	1215	1018	2233	2916	2785	5701	3083	2928	6011	3436	3149	6585
Std V	7309	5667	12976	1826	1234	3060	3810	3670	7480	21059	4609	25668	5559	5587	11146
Std VI	6227	5078	11305	964	2666	3630	163	169	332	388	335	723	320	321	641
Std VII															
Grand Total	37578	31437	69015	29659	25643	55302	191298	175507	366805	222385	182511	404896	205346	184494	389840

Note: In year 2016, the number of repeaters is much higher in lower grades compared to higher grades due to incompetency in 3Rs. However, the number of repeaters in grade VI is higher than grade V across year 2011 to year 2016 except year 2013; this could be caused by lack of readiness to seat for Primary School Leaving Examination.

Chart 2.6: Trend of Repeaters in Government and Non-Government Primary Schools by Grades, 2012 - 2016



There was rapid increase of number of repeaters from year 2013 to 2016 due to introduction of BRN Examinations and directives.

Primary Education

Table 2.15: Number of Dropout in Government and Non-Government Primary Schools by Reason and Grade, 2015

Reasons for Dropout	Grade														Grand Total			% Dropout by Reasons
	Standard I		Standard II		Standard III		Standard IV		Standard V		Standard VI		Standard VII					
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T	
Death	354	247	307	247	284	229	326	200	182	154	249	168	110	89	1812	1334	3146	3.7
Pregnancy	0	0	0	0	0	0	0	14	0	41	0	119	0	77	0	251	251	0.3
Truancy	5696	5650	6713	5904	8718	7356	6861	5545	5067	3787	8445	6777	3430	2639	44930	37658	82588	96.0
Grand Total	6050	5897	7020	6151	9002	7585	7187	5759	5249	3982	8694	7064	3540	2805	46742	39243	85985	100.0

Note: The main causes for dropout in primary schools is truancy(96%) followed by death (3.7%).

Table 2.16: Number of Dropout Trend in Government and Non-Government Primary Schools by Reason and Sex, 2015

Reasons for Dropout	2011		2012		2013		2014		2015	
	T	M	F	T	M	F	T	M	F	T
Death	2060	787	656	1443	1163	838	2001	1812	1334	3146
Pregnancy	610	0	2433	2433	0	247	247	0	251	251
Tuancy	66348	57744	45108	102852	35242	29547	64789	44930	37658	82588
Grand Total	69018	58531	48197	106728	36405	30632	67037	46745	39243	85988

Primary Education

Table 2.17: Number of Dropout in Government and Non-Government Primary Schools by truancy reason, Grade and Sex, 2015

Reason for Truancy	Standard I		Standard II		Standard III		Standard IV		Standard V		Standard VI		Standard VII		GRAND TOTAL			
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T	
Animal Grazing	513	304	909	468	967	444	876	390	625	253	973	400	339	122	5202	2381	7583	
	14	51	53	101	52	136	83	144	70	145	82	239	37	57	391	873	1264	
Farm works	12	2	19	17	39	26	25	13	26	19	69	52	32	21	222	150	372	
Fishing	21	8	15	5	27	5	31	17	22	5	121	40	27	1	264	81	345	
Illness	161	164	206	189	217	212	216	193	122	147	232	212	95	84	1249	1201	2450	
Industrial Works	14	5	13	15	11	10	14	15	23	16	30	15	10	7	115	83	198	
Lack of basic needs	1455	1440	1758	1553	2037	1840	1570	1268	1133	925	1680	1417	722	647	10355	9090	19445	
Marriage	3	2	2	3	4	1	8	2	2	4	6	8	5	4	30	24	54	
Mining Work	10	12	20	13	21	28	41	18	46	34	79	39	62	28	279	172	451	
Misbehavior	53	28	75	77	104	57	93	68	66	44	166	64	69	49	626	387	1013	
Non friendly learning environment	29	23	64	51	108	88	66	60	76	50	116	98	48	39	507	409	916	
Other Reasons	2610	2787	2192	2208	3408	3083	2685	2381	1793	1498	3155	2772	1038	841	16881	15570	32451	
Parents' divorce / separation	329	362	446	429	431	420	397	358	184	195	303	305	102	120	2192	2189	4381	
Peer Pressure	219	156	350	358	556	366	552	373	516	325	837	516	425	256	3455	2350	5805	
Petty Trade	34	20	82	65	124	86	114	93	133	71	202	109	100	36	789	480	1269	
Taking care of parents/relatives	61	66	82	109	98	92	77	84	51	63	75	97	55	57	499	568	1067	
Grand Total	5538	5430	6286	5661	8204	6894	6848	5477	4888	3794	8126	6383	3166	2369	43056	36008	80574	

Primary Education

Table 2.18: Standard VII Completion Rates in Percentage in Government and Non-Government Primary Schools, 2011 – 2016

Age in Years	2011			2012			2013			2014			2016		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
9													5	6	11
10													92	138	230
<11	95	104	199	26	24	50	93	23	116	359	531	890	97	144	241
11	1164	1759	2923	892	1265	2157	852	1360	2212	1534	2337	3871	2049	3341	5390
12	17258	24813	42071	19260	26863	46123	21571	29471	51042	21424	30669	52093	26941	39233	66174
13	308326	334329	642655	275945	302850	578795	265257	296824	562081	274659	314721	589380	231052	270783	501835
>13	166882	173740	340622	139070	143240	282310	135035	135260	270295	97598	95919	193517	114865	111399	226264
Grand Total	493727	534753	1028480	435193	474242	909435	422808	462938	885746	395574	444177	839751	375004	424900	799904
Population 13 years	513696	513161	1026857	528593.2	528042.7	1056636	506706.4	509378.6	1016085	516853.9	559121.6	1075976	529165.2	532042	1061207
Gross Completion Rate (%)	96.1	104.2	100.2	82.3	89.8	86.1	83.4	90.9	87.2	76.5	79.4	78.0	70.9	79.9	75.4
Net Completion Rate (%)	60.0	65.2	62.6	52.2	57.4	54.8	52.3	58.3	55.3	53.1	56.3	54.8	43.7	50.9	47.3

Note: About 47.3% of 13 year-old children reached Standard VII in 2016. This call for pupils retention in school and enhancement of Enrolment of official age.

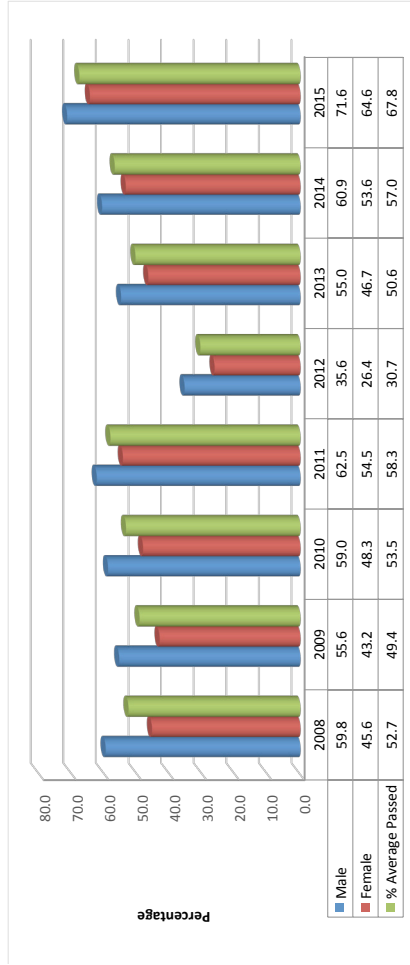
Primary Education

Table 2.19: Summary of Primary School Leaving Examination (PSLE) Results, 2008 - 2015

Year	Candidates Sat			Candidates Passed			Percentage Passed		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
2008	514,106	503,759	1,017,865	307,196	229,476	536,672	59.8	45.6	52.7
2009	496,446	502,624	999,070	276,083	217,250	493,333	55.6	43.2	49.4
2010	435,077	459,812	895,013	256,818	222,094	478,912	59.0	48.3	53.5
2011	462,798	511,011	973,809	289,190	278,377	567,567	62.5	54.5	58.3
2012	409,575	455,959	865,534	145,649	120,224	265,873	35.6	26.4	30.7
2013	398,798	446,140	844,938	219,379	208,227	427,606	55.0	46.7	50.6
2014	369,497	422,621	792,118	224,909	226,483	451,392	60.9	53.6	57.0
2015	354,706	408,897	763,603	253,904	264,130	518,034	71.6	64.6	67.8

Source: NECTA - Performance of PSLE results, 2008 - 2015

Chart 2.8: Summary of Primary School Leaving Examination (PSLE) Results, 2011 - 2015



Primary Education

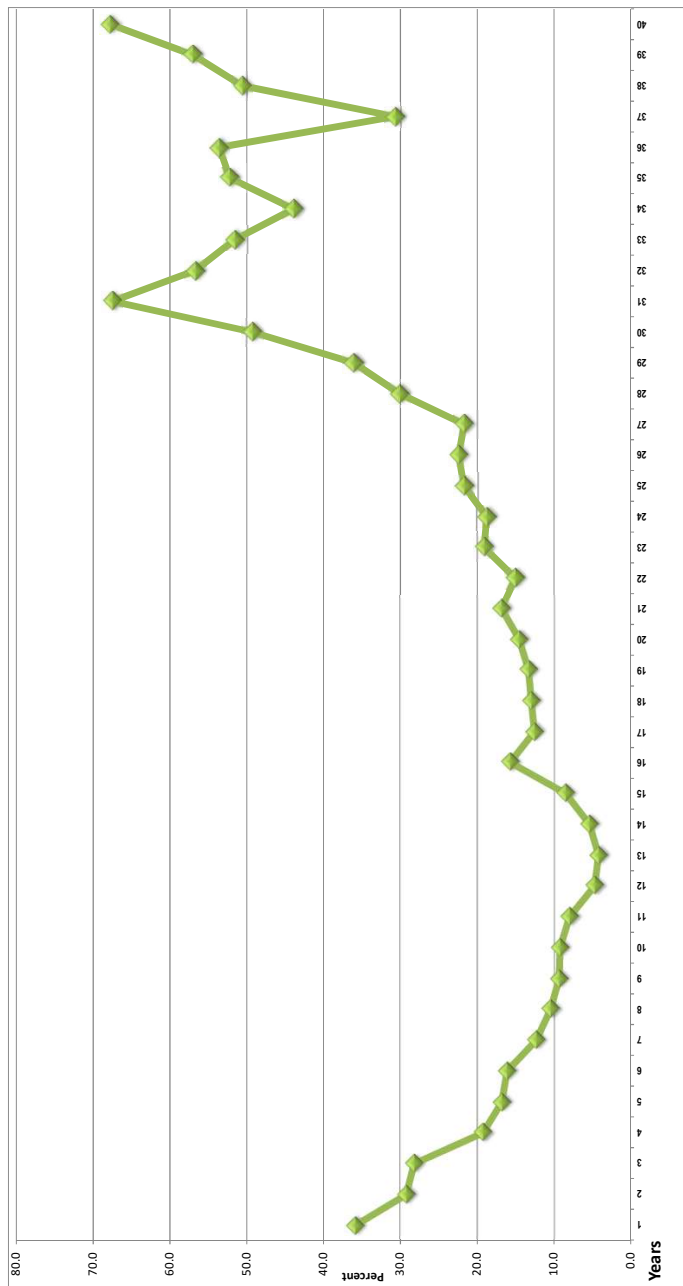
Table 2.20: Primary Education Leavers in Government and Non-Government Schools and Form 1 Enrolment, 1961 - 2015

Year	Std VIII/IX Leavers	Enrolled to Form 1			Total	%	
		Govt	% of Govt	Non-Govt			
1961	11732	4196	35.8				
1962	13730	4810	35.0				
1963	17042	4972	29.2	0	0.0	4972	29.2
1964	20348	5302	26.1	458	2.3	5760	28.3
1965	29367	5942	20.2	2329	7.9	8271	28.2
1966	41083	6377	15.5	2891	6.3	8968	21.8
1967	47981	6635	13.8	2610	5.4	9245	19.3
1968	58872	6989	11.9	2511	4.3	9500	16.1
1969	60545	7149	11.8	3021	5.0	10170	16.8
1970	64630	7350	11.4	3254	5.0	10604	16.4
1971	70922	7780	11.0	3667	5.2	11447	16.1
1972	87777	7956	9.1	4379	5.0	12335	14.1
1973	106203	8165	7.7	4964	4.7	13129	12.4
1974	119350	8472	7.1	5114	4.3	13586	11.4
1975	137559	8680	6.3	5786	4.2	14466	10.5
1976	156114	8659	5.5	6590	4.2	15249	9.8
1977	169106	8706	5.1	7165	4.2	15871	9.4
1978	185293	8720	4.7	8467	4.6	17187	9.3
1979	193612	8908	4.6	6677	3.4	15585	8.0
1980	212446	8913	4.2	7095	3.3	16008	7.5
1981	357816	9178	2.6	7988	2.2	17166	4.8
1982	419829	9241	2.2	8469	2.0	17710	4.2
1983	454604	9899	2.2	9606	2.1	19505	4.3
1984	649560	10077	1.6	11745	1.8	21822	3.4
1985	429194	10881	2.5	12625	2.9	23506	5.5
1986	380096	11721	3.1	15709	4.1	27430	7.2
1987	380758	14626	3.8	18007	4.7	32633	8.6
1988	347978	15675	4.5	20789	6.0	36464	10.5

Note: The percentage of pupils enrolled in Form 1 is highest 2016 (70.5%) and in 2006 (67.5%) and it was lowest in 1984 (3.4%).

Primary Education

Chart 2.9: Transition from Primary Education to Secondary Education, 1961 - 2015 (Selected Years)



Primary Education

Table 2.21: Flow Rates in Government and Non-Government Primary schools, 2011 - 2015

ENROLMENT	YEAR	Std I	Std II	Std III	Std IV	Std V	Std VI	Std VII	TOTAL/ AVERAGE
	2011	1388216	1292706	1258485	1187828	1117152	1090519	1028480	8363386
	2012	1404998	1332982	1239916	1195159	1081838	1082844	909435	8247172
	2013	1430231	1347898	1280308	1194112	1043201	1050414	885749	8231913
	2014	1503104	1374293	1256032	1198382	1042437	1008668	839751	8222667
	2015	1568378	1411583	1285192	1133652	1056365	1028328	814784	8298282
	2016	2120667	1359223	1257944	1060192	1026611	1014671	799894	8639202
REPEATERS	2011	4516	8429	9972	12638	10214	17146	13340	76255
	2012	5207	7760	9917	11791	10059	12976	11305	69015
	2013	12021	9857	13578	10923	2233	3060	3630	55302
	2014	123125	93790	60132	76245	5701	7480	332	366805
	2015	141585	97102	66424	67383	6011	25668	723	404896
	2016	170250	99495	65363	36393	6586	11151	641	389879
REPETITION RATE	2011	0.38	0.60	0.79	0.99	0.90	1.19	1.10	0.83
	2012	0.86	0.74	1.10	0.91	0.21	0.28	0.40	0.67
	2013	8.61	6.96	4.70	6.39	0.55	0.71	0.04	4.46
	2014	9.42	7.07	5.29	5.62	0.58	2.54	0.09	4.92
	2015	10.86	7.05	5.09	3.21	0.62	1.08	0.08	4.70
PROMOTION RATE	2011	95.46	95.15	94.03	90.23	95.77	82.36		92.41
	2012	95.23	95.03	95.42	87.10	96.81	81.46		92.10
	2013	89.53	88.72	87.65	86.82	95.97	79.91		88.15
	2014	87.45	88.68	84.89	87.65	96.18	80.71		87.59
	2015	80.32	84.49	79.66	89.98	95.00	77.72		84.17
DROPOUT RATE	2011	4.16	4.25	5.18	8.78	3.33	16.45		6.80
	2012	3.91	4.23	3.48	11.99	2.98	18.25		7.19
	2013	1.86	4.32	7.66	6.79	3.48	19.37		6.86
	2014	3.13	4.25	9.82	6.73	3.24	16.75		6.94
	2015	8.82	8.47	15.25	6.81	4.38	21.19		10.63

NOTE: There was rapid increase of number of repeaters from year 2013 (6.86%) to 2015 (10.63%). The dropout is highest in STD III (15.3%) and STD VI (21.2%) in 2015. While highest dropout in STD III might be attributed by STD IV National exams.

Primary Education

Table 2.22: Teaching Staff, Number of Schools and Streams in Primary Schools, 2012 - 2016

DESCRIPTION	2012			2013			2014			2015			2016		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Total Teachers	87601	93386	180987	91253	98234	189487	92695	98262	191387	88687	102733	191420	100744	106085	206829
Government	82541	89445	171986	85525	93797	179322	86993	94012	181005	81179	97063	178242	92096	99676	191772
Non-Government	5060	3941	9001	5728	4437	10165	5702	4250	10382	7508	5670	13178	8648	6409	15057
Qualified Teachers															
Total	84352	90482	174834	90210	97356	187566	89744	96269	186013	94687	102733	197420	99924	105242	205166
Government	79644	86986	166630	85084	93426	178510	84300	92360	176660	87179	97063	184242	92006	99485	191491
Non-Government	4708	3496	8204	5126	3930	9056	5444	3909	9353	7508	5670	13178	7918	5757	13675
Pupil Teacher Ratio		1:46				1:43			1:43			1:41			1:42
Pupil Qualified Teacher Ratio		1:47				1:44			1:44			1:42			1:42
Total Number of Schools		16331				16343			16493			16899			17174
% increase		2.1				0.1			0.9			2.5			1.6
Government		15525				15576			15705			15966			16109
% increase		0.7				0.3			0.8			1.7			0.9
Non-Government		806				767			788			933			1065
% increase		36.8				-4.8			2.7			18.4			14.1
Total Number of Streams		195075				190176			182726						190677
% increase		-3.5				-2.5			-3.9						4.4
Government		189530				186106			177659						182645
% increase		-3.2				-1.8			-4.5						2.8
Non-Government		5545				4070			5066						8032
% increase		-11.7				-26.6			24.5						58.5

Note: In 2016, Qualified primary school teachers (teachers Grade A and above) was 97.4% of all teachers. The PQTR is 1:43 in 2016. The norm is 1:40. Though Total primary schools increased by 1.6% while the number of Government primary school has increased by 0.9% while Non-Government School has increased by 14.1%.

Primary Education

Table 2.23: Number of Teachers and Pupil Teacher Ratio (PTR) in Government and Non-Government Schools by Qualification and Region, 2016

Region	Number of Schools	Std I-VII Enrolment	Teachers' Qualification								All Teachers	Total Qualified Teachers	PTR	PQTR
			PhD	PGDE	Masters	Bachelor	Diploma	Grade A	Grade B/C	Others				
Arusha	693	303133	0	33	7	505	834	7937	173	182	9671	9489	31	32
Dar es Salaam	627	572524	0	79	42	1771	2912	11486	576	316	17182	16866	33	34
Dodoma	757	392554	0	11	4	239	624	7745	180	27	8830	8803	44	45
Gella	592	446348	3	8	0	143	464	8686	145	18	9467	9449	47	47
Iringa	495	202113	3	17	6	343	411	4692	50	20	5542	5522	36	37
Kagera	952	465358	12	1	0	195	524	10033	223	110	11098	10988	42	42
Kalavi	177	115204	0	0	0	58	131	2050	24	0	2263	2263	51	51
Kigoma	650	387600	0	3	3	243	419	8808	141	54	7671	7617	51	51
Kilimanjaro	966	272236	1	13	3	316	669	8071	124	63	9260	9197	29	30
Lindi	505	161639	0	0	0	36	238	3530	105	13	3922	3909	41	41
Manyara	627	256427	6	0	1	200	434	5731	51	115	6538	6423	39	40
Mara	809	495420	9	3	0	154	477	9198	220	60	10121	10061	49	49
Mbeya	781	371564	0	22	5	544	581	7805	141	31	9129	9098	41	41
Morogoro	879	418818	1	18	5	466	905	8712	231	49	10387	10338	40	41
Mtwara	662	244984	0	2	0	111	381	5113	130	24	5761	5737	43	43
Mwanza	939	650633	1	22	5	458	929	12395	132	128	14070	13942	46	47
Njombe	491	155463	0	4	1	174	311	3446	68	58	4062	4004	38	39
Pwani	598	255740	0	10	4	270	626	5823	17	17	6767	6750	38	38
Rukwa	368	227074	0	1	0	100	243	4122	54	8	4528	4520	50	50
Ruvuma	784	276913	0	5	1	124	355	5844	151	41	6521	6480	42	43
Shinyanga	593	309263	0	5	0	141	464	6041	74	132	6857	6725	45	46
Simiyu	525	335659	1	3	0	84	218	6822	44	37	7209	7172	47	47
Singida	544	261340	0	4	0	144	335	4842	95	17	5437	5420	48	48
Songwe	350	179734	1	3	1	146	234	3427	68	7	3887	3880	46	46
Tabora	784	440827	1	4	0	153	486	8983	287	24	9938	9914	44	44
Tanga	1026	440634	0	6	4	297	609	9556	150	89	10711	10622	41	41
Grand Total	17174	8639202	39	277	92	7415	14814	178898	3654	1640	206829	205189	42	42

Primary Education

Table 2.24: Number of Teachers and Pupil Teacher Ratio (PTR) in Government Schools by Qualification and Region, 2016

Region	Number of Schools	Std I-VII Enrolment	Teachers' Qualification										All Teachers	PTR	Total Qualified Teachers	PQTR
			PhD	PGDE	Masters	Bachelor	Diploma	Grade A	Grade B/C	Others						
Arusha	518	262117	0	20	3	348	341	6844	68	0	7624	7624	34	34	7624	34
Dar es Salaam	370	485389	0	48	30	1146	1478	9812	297	50	12861	12811	38	38	12861	38
Dodoma	728	382260	0	10	4	194	480	7467	157	10	8322	8312	46	46	8322	46
Gella	572	441679	3	8	0	130	429	8547	115	2	9234	9232	48	48	9234	48
Iringa	478	197626	3	12	3	316	352	4588	39	0	5313	5313	37	37	5313	37
Kagera	895	451292	12	1	0	115	354	9596	175	32	10285	10253	44	44	10285	44
Katavi	175	114904	0	0	0	55	125	2045	23	0	2248	2248	51	51	2248	51
Kigoma	635	383653	0	3	3	215	360	6765	128	3	7477	7474	51	51	7477	51
Kilimanjaro	897	252782	0	12	2	220	440	7472	73	4	8223	8219	31	31	8223	31
Lindi	501	161123	0	0	0	36	230	3516	101	10	3893	3883	41	41	3893	41
Manyara	600	250945	6	0	1	178	374	5585	27	20	6191	6171	41	41	6191	41
Mara	761	484393	0	2	0	120	393	8924	187	5	9631	9626	50	50	9631	50
Mbeya	762	362749	0	21	5	500	491	7609	133	0	8759	8759	41	41	8759	41
Mongoro	841	405106	1	8	4	369	738	8450	212	4	9786	9782	41	41	9786	41
Mtwara	656	243476	0	2	0	108	367	5076	113	17	5683	5666	43	43	5683	43
Mwanza	854	627695	1	20	4	402	690	11587	99	50	12853	12803	49	49	12853	49
Njombe	477	152232	0	3	1	167	297	3369	49	11	3897	3886	39	39	3897	39
Pwani	562	247165	0	8	1	216	473	5643	5	0	6346	6346	39	39	6346	39
Rukwa	359	225385	0	0	0	92	207	4063	41	0	4403	4403	51	51	4403	51
Ruvuma	767	271702	0	3	1	101	327	5755	129	4	6320	6316	43	43	6320	43
Shinyanga	556	299772	0	4	0	95	369	5798	54	25	6345	6320	47	47	6345	47
Simiyu	515	333617	1	3	0	73	198	6775	42	4	7096	7092	47	47	7096	47
Singida	529	258142	0	4	0	137	313	4758	93	1	5306	5305	49	49	5306	49
Songwe	343	177944	1	2	1	142	218	3365	66	1	3796	3795	47	47	3796	47
Tabora	766	435972	0	4	0	129	447	8857	272	4	9713	9709	45	45	9713	45
Tanga	992	429799	0	6	4	249	498	9261	125	24	10167	10143	42	42	10167	42
Grand Total	16109	8338919	28	204	67	5853	10989	171527	2823	281	191772	191491	43	44	191772	43

Primary Education

Table 2.25: Number of Teachers in Government and Non-Government Schools by Age and Region, 2016

REGIONS	<21	21-25	26-30	31-35	36-40	41-45	46-50	51-55	56	57	58	59	60	60+	Total
Arusha	62	797	1954	1930	1404	1029	653	589	198	160	210	183	66	12	9247
Dar Es Salaam	46	568	2223	3592	3452	2540	1585	1025	337	203	225	215	101	22	16134
Dodoma	42	795	2055	1273	1054	875	608	715	313	221	297	263	91	13	8615
Gedda	65	1589	2921	1614	1041	687	391	320	112	67	74	62	38	0	8981
Iringa	33	511	1340	858	836	561	401	357	143	121	146	129	70	8	5514
Kagera	38	1429	2935	1799	1262	1053	732	663	243	182	182	249	52	18	10837
Katavi	12	228	737	421	315	229	87	63	45	16	11	17	6	0	2187
Kigoma	59	724	2134	1281	923	627	391	412	196	183	193	184	65	1	7373
Kilimanjaro	49	657	1129	1091	846	928	1008	1285	435	366	482	521	210	82	9089
Lindi	42	554	1098	537	348	314	186	264	143	92	129	106	54	3	3870
Manyara	12	329	1566	1337	1055	786	380	319	101	97	129	103	38	15	6267
Mara	48	1768	2381	1287	1090	905	563	557	257	195	234	216	109	17	9627
Mbeya	30	649	2035	1481	1254	936	725	626	266	243	279	238	126	15	8903
Morogoro	44	699	2015	1810	1572	1179	749	777	342	250	335	262	130	33	10197
Mtwara	9	629	1482	801	632	557	379	410	181	135	189	180	109	7	5700
Mwanza	52	1213	3579	2754	1840	1579	906	760	259	170	197	227	88	22	13646
Njombe	25	254	756	604	546	535	365	310	120	111	118	134	41	12	3931
Pwani	20	790	1432	1336	1129	789	345	327	130	71	95	83	42	5	6594
Rukwa	20	458	1588	746	503	348	229	204	73	69	94	76	37	1	4446
Ruvuma	38	473	1273	821	913	717	488	537	251	246	270	252	100	14	6393
Shinyanga	22	633	1969	1120	804	712	391	344	143	88	148	97	56	6	6533
Simiyu	36	941	2254	1134	873	637	386	353	119	89	116	84	53	0	7075
Singida	22	538	1459	919	611	473	313	363	166	111	196	142	73	3	5389
Songwe	25	338	1004	674	521	383	252	246	91	78	127	94	36	4	3873
Tabora	253	1863	2801	1327	926	611	434	434	215	152	174	137	62	10	9399
Tanga	44	957	2470	1829	1407	1065	642	825	307	251	295	237	83	31	10443
Not Stated															4903
Grand Total	1148	20384	48590	34376	27157	21055	13589	13085	5186	3967	4945	4491	1936	354	205166

Note: Out of 200,263 Primary schools teachers 20,520 (20.2%) are of age 51 years and above. This implies that 5 years to come over 10.2% of teachers should be recruited to cover this gap and that of attrition.

Primary Education

Table 2.26: Number of Pit Latrine, Classrooms and Pupil to Pit latrine/Classroom Ratios in Government and Non-Government Schools by Region and Sex, 2016

Region	Enrolment			Pit Latrines			Pit Latrines Disabled			Total Pit Latrines			PLR			Number of Classrooms	PCR
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	F+M		
Anusha	152329	150804	303133	4092	4459	8551	42	14	56	4134	4473	8607	37	34	35	5744	53
Dar es Salaam	279593	292931	572524	4251	4698	8949	107	82	189	4358	4780	9138	64	61	64	7769	74
Dodoma	186113	206441	392554	3283	3496	6779	38	23	61	3321	3519	6840	56	59	58	5121	77
Geita	222762	223586	446348	2126	2304	4430	31	13	44	2157	2317	4474	103	96	101	3853	116
Iringa	99033	103080	202113	3189	3358	6547	17	22	39	3206	3380	6586	31	30	31	3793	53
Kagera	230641	234717	465358	4098	4360	8458	46	23	69	4144	4383	8527	56	54	55	6136	76
Katavi	57678	57526	115204	809	845	1654	1	1	2	810	846	1656	71	68	70	1125	102
Kigoma	194498	193102	387600	2331	2421	4752	18	19	37	2349	2440	4789	83	79	82	3762	103
Kilimanjaro	137793	134443	272236	5146	5351	10497	74	45	119	5220	5396	10616	26	25	26	6837	40
Lindi	79624	82015	161639	1665	1719	3384	34	14	48	1699	1733	3432	47	47	48	3094	52
Manyara	126907	129520	256427	3914	3961	7875	14	22	36	3928	3983	7911	32	33	33	4071	63
Mara	250380	245040	495420	3607	3758	7365	41	24	65	3648	3782	7430	69	65	67	5435	91
Mbeya	181845	189719	371564	3866	3984	7850	47	21	68	3913	4005	7918	46	47	47	5514	67
Morogoro	206472	212346	418818	3644	3883	7527	65	25	90	3709	3908	7617	56	54	56	5696	74
Mtwara	120327	124657	244984	2572	2686	5258	17	15	32	2589	2701	5290	46	46	47	4007	61
Mwanza	319892	330741	650633	4125	4146	8271	25	18	43	4150	4164	8314	77	79	79	6628	98
Njombe	76286	79177	155463	2864	3129	5993	22	17	39	2886	3146	6032	26	25	26	3266	48
Pwani	127428	128312	255740	2382	2485	4867	8	6	14	2390	2491	4881	53	52	53	3889	66
Rukwa	111244	115830	227074	1770	2013	3783	7	5	12	1777	2018	3795	63	57	60	2439	93
Ruvuma	136580	140333	276913	2967	2976	5943	30	31	61	2997	3007	6004	46	47	47	4967	56
Shinyanga	150551	158712	309263	2094	2229	4323	17	9	26	2111	2238	4349	71	71	72	4130	75
Sirinyu	162310	173349	335659	1832	1943	3775	4	3	7	1836	1946	3782	88	89	89	3680	91
Singida	127303	134037	261340	2792	3038	5830	36	37	73	2828	3075	5903	45	44	45	3524	74
Songwe	87516	92218	179734	1596	1749	3345	3	8	11	1599	1757	3356	55	52	54	2262	79
Tabora	221059	219768	440827	3234	3495	6729	44	16	60	3278	3511	6789	67	63	66	4975	89
Tanga	219550	221084	440634	4271	4492	8763	40	24	64	4311	4516	8827	51	49	50	6538	67
Grand Total	4265714	4373488	8639202	78520	82978	161498	828	537	1365	79348	83515	162863	54	52	53	118255	73

National Average

Note: Average male Pit Latrine Ratio is 1:53 against the Standard of 1:25; and that of females is 1:52 against the standard of 1:20. Pupil Classroom Ratio is 1:73 against the Standard of 1:45. The adequacy of latrines and classrooms is still a major challenge in primary schools with notable variations among regions.

Primary Education

Table 2.27: Number of Pit Latrine, Classrooms and Ratios of Pupil to Pit latrine/Classroom Ratios in Government Schools by Region and Sex, 2016

Region	Enrolment			Pit Latrines			Pit Latrines Disabled			Total Pit Latrines			PLR			Number of Classrooms	PCR
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	FM		
Arusha	131988	130119	262117	3130	3448	6578	26	2	28	3156	3450	6606	42	38	40	4326	61
Dar es Salaam	236065	249324	485389	2295	2658	4953	28	25	53	2323	2683	5006	102	93	98	4774	102
Dodoma	180944	201316	382260	2980	3184	6164	36	21	57	3016	3205	6221	60	63	62	4829	79
Geita	220378	221301	441679	2014	2176	4190	24	12	36	2038	2188	4226	108	101	105	3659	119
Iringa	96757	100869	197626	3073	3228	6301	16	19	35	3089	3247	6336	31	31	31	3663	54
Kagera	223369	227923	451292	3603	3904	7507	46	23	69	3649	3927	7576	61	58	60	5667	80
Katavi	57530	57374	114904	795	831	1626	1	1	2	796	832	1628	72	69	71	1115	103
Kigoma	192468	191185	383653	2238	2333	4571	17	18	35	2255	2351	4606	85	81	84	3656	105
Kilimanjaro	127995	124787	252782	4592	4774	9366	56	26	82	4648	4800	9448	28	26	27	6203	41
Lindi	79370	81753	161123	1649	1703	3352	34	14	48	1683	1717	3400	47	48	48	3078	52
Manyara	124125	126820	250945	3774	3828	7602	14	21	35	3788	3849	7637	33	33	33	3903	64
Mara	244576	239817	484393	3339	3477	6816	32	9	41	3371	3486	6857	73	69	71	5098	95
Mbeya	177357	185392	362749	3669	3761	7430	46	20	66	3715	3781	7496	48	49	49	5267	69
Morogoro	199566	205540	405106	3378	3588	6966	65	24	89	3443	3612	7055	58	57	58	5357	76
Mtwara	119579	123897	243476	2539	2647	5186	17	15	32	2556	2662	5218	47	47	47	3976	61
Mwanza	308252	319443	627695	3518	3524	7042	24	15	39	3542	3539	7081	87	90	89	5827	108
Njombe	74565	77667	152232	2769	3027	5796	22	17	39	2791	3044	5835	27	26	26	3163	48
Pwani	123140	124025	247165	2168	2263	4431	8	4	12	2176	2267	4443	57	55	56	3614	68
Rukwa	110378	115007	225385	1693	1934	3627	6	4	10	1699	1938	3637	65	59	62	2365	95
Ruvuma	134000	137702	271702	2805	2821	5626	28	22	50	2833	2843	5676	47	48	48	4813	56
Shinyanga	145700	154072	299772	1896	2023	3919	17	6	23	1913	2029	3942	76	76	76	3836	78
Simiyu	161287	172330	333617	1779	1887	3666	4	3	7	1783	1880	3673	90	91	91	3597	93
Singida	125609	132533	258142	2724	2978	5702	36	37	73	2760	3015	5775	46	44	45	3413	76
Songwe	85653	91381	177944	1557	1711	3268	3	8	11	1560	1719	3279	55	53	54	2217	80
Tabora	218512	217460	435972	3115	3366	6481	42	15	57	3157	3381	6538	69	64	67	4829	90
Tanga	214180	215619	429799	4045	4261	8306	38	24	62	4083	4285	8368	52	50	52	6219	69
Grand Total	4114263	4224656	8338919	71737	75335	146472	686	405	1091	71823	75740	147563	57	56	57	10894	77

National Average

Note: Average male Pit Latrine Ratio is 1:57 against the Standard of 1:25; and that of females is 1:56 against the standard of 1:20. Pupil Classroom Ratio is 1:77 against the Standard of 1:45. The adequacy of latrines and classrooms is still a major challenge in primary schools with notable variations among regions.

Primary Education

Table 2.28: Permanent Buildings in Government and Non-Government Primary schools, 2016

Region	Administration Block			Teachers' Houses			Library			Resting/First Aid room		
	Required	Available	Shortage	Required	Available	Shortage	Required	Available	Shortage	Required	Available	Shortage
Arusha	607	186	421	8738	2064	6674	670	188	482	781	166	615
Dar es Salaam	585	315	270	13476	936	12540	641	228	413	633	213	420
Dodoma	632	97	535	9961	1641	8320	794	67	727	776	46	730
Gella	441	72	369	10891	1587	9304	615	115	500	606	22	584
Iringa	399	43	356	5756	2042	3714	511	62	449	516	32	484
Kagera	736	105	631	12412	1879	10533	1014	299	715	898	65	833
Katavi	134	10	124	3047	566	2481	171	0	171	178	4	174
Kigoma	486	37	449	9008	1339	7669	694	19	675	657	12	645
Kilimanjaro	740	134	606	8903	1188	7715	904	116	788	892	87	805
Lindi	332	24	308	4696	1212	3484	503	4	499	445	5	440
Manyara	353	58	295	6958	1967	4991	620	80	540	653	25	628
Mara	710	105	605	12324	2335	9989	859	48	811	837	18	819
Mbeya	455	105	350	10713	1792	8921	781	41	740	743	27	716
Morogoro	729	99	630	11365	1839	9546	856	68	788	788	29	759
Mtwara	528	37	491	6904	1558	5346	672	37	635	611	8	603
Mwanza	729	146	583	15715	2222	13493	967	221	746	970	71	899
Njombe	420	50	370	4782	2122	2660	480	46	434	517	33	484
Pwani	469	70	399	7105	1533	5572	613	115	498	612	35	577
Rukwa	315	29	286	6110	1654	4456	390	15	375	393	8	385
Ruvuma	422	99	323	8043	2499	5544	758	47	711	764	21	743
Shinyanga	429	73	356	8013	1261	6752	600	75	525	589	41	548
Simiyu	558	70	488	8801	1835	6966	571	103	468	591	15	576
Singida	454	45	409	6846	1595	5251	548	27	521	588	13	575
Songwe	223	26	197	5225	1504	3721	354	13	341	395	9	386
Tabora	415	42	373	11131	1584	9547	806	20	786	792	18	774
Tanga	816	97	719	12275	1456	10819	1043	39	1004	1129	41	1088
Grand Total	13117	2174	10943	229218	43210	186008	17435	2093	15342	17354	1064	16290
% of Shortage		83.4			81.1			88.0			93.9	

Note: There is acute shortage of 10,943 (83.4%) school administration blocks, 186,008 (81.1%) Teachers' houses, 15,342 (88%) Libraries and 16,290 (93.9%) first aid rooms.

Primary Education

Table 2.29: Number Desks and Pupil Desk Ratio in Government and Non-Government Primary Schools by Region, 2016

Region	Enrolment	TYPES OF DESKS			Total Seats	Pupil Desk Ratio	Needed Desks (Three Seaters)
		One Seater	Two Seaters	Three Seaters			
Arusha	303113	16283	49539	47050	256511	4	15534
Dar es Salaam	572524	20185	18110	85830	313895	5	86210
Dodoma	392555	3100	3584	57534	182870	6	69895
Geita	446222	2779	52255	25969	185196	7	87009
Iringa	202092	2612	49232	13177	140607	4	20495
Kagera	465358	8353	93407	35472	301583	5	54592
Katavi	115206	954	3614	20471	69595	5	15204
Kigoma	387600	3494	20847	57713	218327	5	56424
Kilimanjaro	272236	9762	100287	12526	247914	3	8107
Lindi	161430	1605	11696	34361	128080	4	11117
Manyara	256427	2723	41612	35484	192399	4	21343
Mara	495417	6821	37222	58828	257749	6	79223
Mbeya	371564	8773	20699	77230	281861	4	29901
Morogoro	418818	4337	57018	43662	249359	5	56486
Mtwara	244993	4374	29808	38736	180198	4	21598
Mwanza	650633	13508	79529	43090	301836	6	116266
Njombe	155447	5163	36258	19860	137259	3	6063
Pwani	255749	4850	23434	38191	166291	5	29819
Rukwa	227069	2997	2022	32083	103290	7	41260
Ruvuma	276924	2499	15700	54581	197642	4	26427
Shinyanga	309251	2785	5462	61191	197282	5	37323
Simiyu	335675	1828	3398	44697	142715	7	64320
Singida	261354	4263	1397	55239	172774	5	29527
Songwe	179539	3203	8939	36443	130410	4	16376
Tabora	440833	2667	24733	54691	216206	6	74876
Tanga	440645	9453	32682	93467	355218	4	28476
Grand Total	8638674	149371	822484	1177576	5327067	5	1103869

Note: The pupil desk ratio in primary schools is 1:5 against the recommended average of 1:3. Desks are normally three seater but may vary from one to three seater desks in some schools. The Region with high demand of desks is Mwanza followed by Geita and Dar Es Salaam.

Primary Education

Table 2.30: Number of Schools with Electric Power in Government and Non-Government by Source of Power, 2016

Regions	Number of Schools	Sources						
		National Grid	Generator	Solar	Biogas	Wind	Other	No Source
Arusha	693	313	24	104	3	1	257	35
Dar E Salaam	627	535	51	18	2	0	43	20
Dodoma	757	146	2	35	0	0	383	172
Geita	592	58	18	5	0	0	346	163
Iringa	495	140	3	46	1	0	278	34
Kagera	952	249	29	19	1	1	448	220
Katavi	177	2	11	29	0	0	127	8
Kigoma	650	26	14	13	0	0	593	7
Kilimanjaro	966	385	15	18	2	1	491	73
Lindi	505	71	2	11	2	0	383	26
Manyara	627	104	2	17	1	1	440	58
Mara	809	175	5	20	0	2	549	41
Mbeya	781	153	2	9	0	0	497	101
Morogoro	879	216	3	24	0	0	587	43
Mtwara	662	69	0	570	0	0	47	7
Mwanza	939	215	13	39	1	1	558	102
Njombe	491	106	11	114	2	1	123	153
Pwani	598	137	5	53	2	0	328	77
Rukwa	368	38	0	11	0	1	163	156
Ruvuma.	784	32	31	21	1	4	529	167
Shinyanga	593	84	11	34	0	1	283	178
Simiyu	525	124	2	17	0	0	342	43
Singida	544	84	2	32	0	0	204	224
Songwe	350	45	1	4	0	0	295	3
Tabora	784	72	2	19	0	0	507	192
Tanga	1026	239	3	13	0	0	575	199
Grand Total	17174	3818	262	1295	18	14	9376	2502

Note: Out of 17174 Primary schools, only 3,818 (22.2%) have been connected to the national grid electric power.

Primary Education

Table 2.31: Number of ICT Equipments in Government Primary Schools by Region and Type, 2016

REGIONS	Desktop Computers	Laptop Computers	Photocopier	Projector	Radio	Smart Phone/ Tablets	TV
Arusha	249	313	23	13	53	452	452
Dar E Salaam	534	33	22	8	119	612	612
Dodoma	30	29	5	6	436	78	78
Geita	8	23	1	5	117	24	24
Iringa	85	73	11	5	345	53	53
Kagera	106	19	4	3	319	203	203
Katavi	6	21	2	3	37	1	1
Kigoma	13	39	6	4	272	23	23
Kilimanjaro	366	105	18	12	300	101	101
Lindi	17	21	3	3	69	5	5
Manyara	69	31	0	5	267	24	24
Mara	141	58	10	34	180	54	54
Mbeya	68	35	5	2	83	57	57
Morogoro	394	90	17	15	81	40	40
Mtwara	79	2376	8	599	290	2	2
Mwanza	129	40	53	17	201	150	150
Njombe	37	32	8	13	22	14	14
Pwani	127	76	10	5	31	42	42
Rukwa	5	24	0	5	124	6	6
Ruvuma.	7	8	1	2	191	26	26
Shinyanga	22	6	5	4	154	34	34
Simiyu	8	3	2	1	81	0	0
Singida	69	55	5	9	200	4	4
Songwe	18	0	1	0	58	1	1
Tabora	67	16	3	8	66	12	12
Tanga	63	36	4	7	125	37	37
Grand Total	2717	3562	227	788	4221	2055	2055

Primary Education

Table 2.32: Number of ICT Equipments in Non-Government Primary Schools by Region and Type, 2016

REGIONS	Desktop Computers	Laptop Computers	Photocopier	Projector	Radio	Smart Phone/ Tablets	TV
Arusha	249	313	23	13	53	2	15
Dar Es Salaam	534	33	22	8	119	0	77
Dodoma	30	29	5	6	436	20	30
Geita	8	23	1	5	117	1	1
Iringa	85	73	11	5	345	17	13
Kagera	106	19	4	3	319	1	17
Katavi	6	21	2	3	37	0	1
Kigoma	13	39	6	4	272	0	5
Kilimanjaro	366	105	18	12	300	1	35
Lindi	17	21	3	3	69	0	17
Manyara	69	31	0	5	267	2	6
Mara	141	58	10	34	180	0	9
Mbeya	68	35	5	2	83	201	9
Morogoro	394	90	17	15	81	0	16
Mtwara	79	2376	8	599	290	13	15
Mwanza	129	40	53	17	201	15	22
Njombe	37	32	8	13	22	21	5
Pwani	127	76	10	5	31	1	34
Rukwa	5	24	0	5	124	83	3
Ruvuma	7	8	1	2	191	1	4
Shinyanga	22	6	5	4	154	0	9
Simiyu	8	3	2	1	81	0	1
Singida	69	55	5	9	200	26	22
Songwe	18	0	1	0	58	0	1
Tabora	67	16	3	8	66	0	10
Tanga	63	36	4	7	125	1	18
Grand Total	2717	3562	227	788	4221	406	395

Primary Education

Table 2.33: Distance from Schools to Councils Head Quarters by Region, 2016

Region	Number of Schools					Grand Total
	(0 - 25) km	(26 - 50) km	(51-75)km	(76-100)km	(>100)km	
Arusha	451	135	47	19	41	693
Dar es Salaam	527	79	19	0	0	625
Dodoma	267	189	140	68	91	755
Geita	238	207	119	25	3	592
Iringa	160	136	93	58	48	495
Kagera	390	322	153	69	18	952
Katavi	104	28	7	6	30	175
Kigoma	319	187	59	17	68	650
Kilimanjaro	685	194	53	28	5	965
Lindi	203	106	83	40	72	504
Manyara	258	149	90	50	77	624
Mara	474	206	92	34	3	809
Mbeya	450	149	69	57	54	779
Morogoro	314	141	141	127	156	879
Mtwara	393	175	82	12	0	662
Mwanza	594	247	67	21	9	938
Njombe	207	128	99	37	20	491
Pwani	254	130	111	54	48	597
Rukwa	104	68	77	48	71	368
Ruvuma	311	196	133	92	52	784
Shinyanga	253	173	104	47	15	592
Simiyu	225	206	64	23	7	525
Singida	202	158	104	50	29	543
Songwe	145	68	60	49	28	350
Tabora	298	186	101	90	109	784
Tanga	480	265	155	64	62	1026
Not stated						17
Grand Total	8306	4228	2322	1185	1116	17174
% of All Schools	48.4	24.6	13.5	6.9	6.5	99.9

Note: In 2016, a total of 1116 (6.5%) of Primary Schools are above 100km, 1185 (6.9%) are 76 -100km and 2,322 (13.5%) are 51- 76 km from Councils HQ while 8306 (48.4%) are located between (0 - 25) km from the same.

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 selection of students to further formal education and training.

Secondary Education

Table 3.1: Enrolment and Teaching Staff in Government and Non-Government Secondary Schools by Sex and Grade, 2011- 2016

Name of Indicator and Level of Aggregation	2012			2013			2014			2015			2016		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
a) Form 1-6															
Grand Total	1010473	873799	1884272	939191	864865	1804056	997633	949716	1947349	871410	953394	1774383	905896	901059	1806955
Government	875480	727272	1602752	796895	707816	1504711	821697	759113	1580810			1436973	741603	727986	1469589
Non-Government	134993	146527	281520	142296	157049	299345	175936	190603	366539			337410	164293	173073	337366
b) Form 1															
Total	264196	258183	522379	257465	257127	514592	296685	292188	588873	223268	225558	448826	263956	274870	538826
Government	234314	223007	457321	225197	219335	444532	244780	234309	479089				231051	236931	467982
Non-Government	29882	35176	65058	32268	37792	70060	51905	57879	109784				32905	37939	70844
c) Form 2															
Total	238840	216813	455653	290717	292726	583443	301809	301093	602902	211333	207012	418345	221360	226535	447895
Government	206334	179916	386250	254335	251701	506036	255396	250774	506170				182567	183829	366396
Non-Government	32506	36897	69403	36382	41025	77407	46413	50319	96732				38793	42706	81499
d) Form 3															
Total	227560	192633	420193	141287	120612	261899	213856	219505	433361	192407	195289	387696	167100	169851	336951
Government	196764	158976	355740	108906	84995	193901	177492	179295	356787				132446	131535	263981
Non-Government	30796	33657	64453	32381	35617	67998	36364	40210	76574				34654	38316	72970
e) Form 4															
Total	224365	180220	404585	198854	169746	368600	133068	112076	245144	193981	199511	393492	172351	179570	351921
Government	194589	148787	343376	167406	135557	302963	100899	77347	178246				137229	141461	278690
Non-Government	29776	31433	61209	31448	34189	65637	32169	34729	66898				35122	38109	73231

Secondary Education

Table 3.1 *Cont'd...* Enrolment and Teaching Staff in Government and Non-Government Secondary Schools by Sex and Grade, 2011- 2016

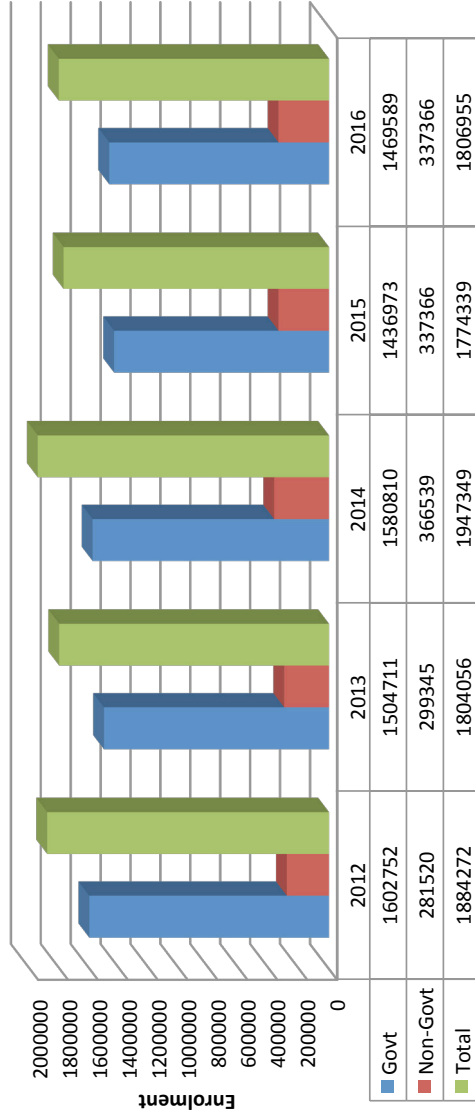
Name of Indicator and Level of Aggregation	2012			2013			2014			2015			2016		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
f) Form 5															
Total	27956	12934	40890	26330	12843	39173	28114	14370	42484	51862	39125	90987	40442	26182	66624
Government	22551	8655	31206	21658	8923	30581	23173	10446	33619				28324	17209	45533
Non-Government	5405	4279	9684	4672	3920	8592	4941	3924	8865				12118	8973	21091
g) Form 6															
Total	27556	13016	40572	24538	11811	36349	24101	10484	34585	23741	11296	35037	40687	24051	64738
Government	20928	7931	28859	19393	7305	26698	19957	6942	26899				29986	17021	47007
Non-Government	6628	5085	11713	5145	4506	9651	4144	3542	7686				10701	7030	17731
h) Form 1 - 4															
Total	954961	847849	1802810	888323	840211	1728534	945418	924862	1870280	820989	827370	1648359	824767	850826	1675593
Government	832001	710686	1542687	755844	691588	1447432	778967	741725	1520292			1339823	683293	693756	1377049
Non-Government	122960	137163	260123	132479	148623	281102	166851	183137	349988			308536	141474	157070	298544
i) Form 5 - 6															
Total	55512	25950	81462	50868	24654	75522	52215	24854	77069	75603	50421	126024	81129	50233	131362
Government	43479	16586	60065	41051	16228	57279	43130	17388	60518			97150	58310	34230	92540
Non-Government	12033	9364	21397	9817	8426	18243	9085	7466	16551			28874	22819	16003	38822

Note:

Total enrolment in Form 1 - 6 has increased by 1.8% from **1,774,383** pupils in 2015 to **1,806,955** pupils in 2016. The increase is the results of great efforts made by the Government to expand secondary education in the past ten years by enabling all primary school leavers who pass the Primary School Leaving Examination (PSLE) attend secondary education. Private participation in the provision of education has been more noticeable at secondary education. While Government contributes 81.3% of the total enrolment, Non Government contributes 18.7%.

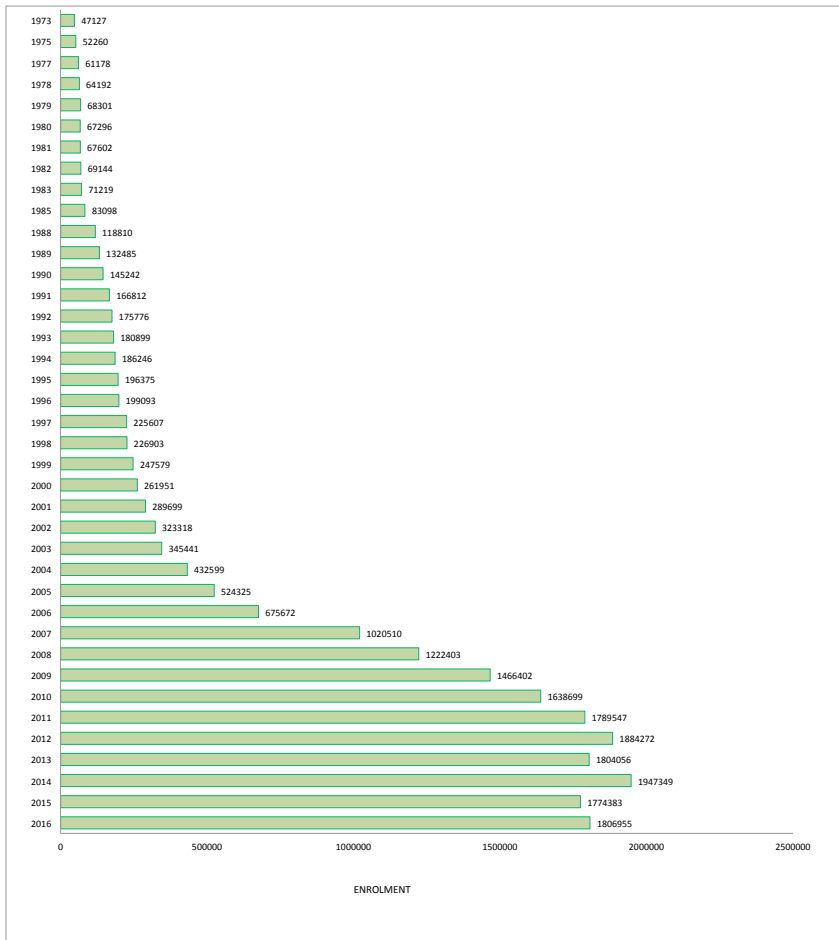
Secondary Education

Chart 3.1: Total Enrolment in Government and Non-Government Secondary Schools, 2012 - 2016



Secondary Education

Chart 3.2: Secondary Education Comparative Enrolment Trend, 1973- 2016



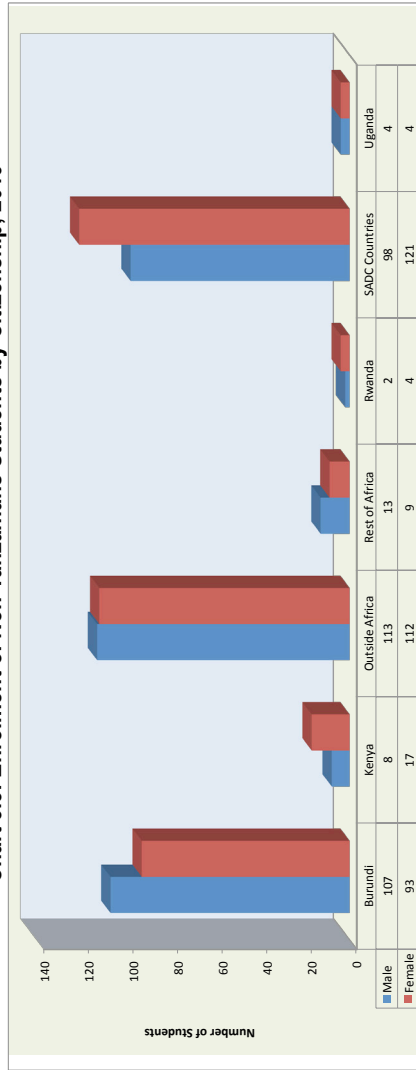
Note The Chart 3.2, depicts the increase trend of enrolment in secondary schools since 1973 to 2012, but has been fluctuating from 2013 to 2016.

Secondary Education

Table 3.2: Total Enrolment of Non-Tanzanians Students by Citizenship, 2016

Country	Form 1			Form 2			Form 3			Form 4			Form 5			Form 6			Grand Total			% of T
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
Burundi	63	50	113	32	29	61	5	2	7	4	6	10	2	5	7	1	1	2	107	93	200	28.4
Kenya	1	5	6	0	1	1	2	2	4	2	1	3	2	3	5	1	5	6	8	17	25	3.5
Outside Africa	37	23	60	26	26	52	14	17	31	13	16	29	13	16	29	10	14	24	113	112	225	31.9
Rest of Africa	2	1	3	1	0	1	0	1	1	2	2	4	3	2	5	5	3	8	13	9	22	3.1
Rwanda	0	1	1	0	0	1	3	4	0	0	0	1	0	1	0	0	0	2	4	6	0.9	
SADC Countries	15	23	38	14	11	25	10	15	25	5	10	15	9	7	16	45	55	100	98	121	219	31.1
Uganda	3	2	5	0	0	0	0	0	0	1	0	1	0	2	2	0	0	4	4	8	1.1	
Grand Total	121	105	226	73	67	140	32	40	72	27	35	62	30	35	65	62	78	140	345	360	705	100
% of Enrolment	35.1	29.2	32.1	21.2	18.6	19.9	9.3	11.1	10.2	7.8	9.7	8.8	8.7	9.7	9.2	18.0	21.7	19.9	48.9	51.1	100.0	

Chart 3.3: Enrolment of Non-Tanzanians Students by Citizenship, 2016



Note: Out of 705 of all Non-Tanzanians pupils, 31.9% are from Outside Africa followed by 31.1% from SADC countries pupils and 28.4% are from Burundi.

Secondary Education

Table 3.3: Gross and Net Enrolment Ratios for Secondary Schools Form 1- 4, 2012- 2016

Form 1-4 Enrolment Age	2012				2013				2014				2015				2016			
	M	F	T	% of T	M	F	T	% of T	M	F	T	% of T	M	F	T	% of T	M	F	T	% of T
<14	20525	32583	53108	2.9	36268	52525	88793	5.1	146901	157061	303962	16.3	132023	145166	277189	15.6	41853	63204	106057	6.3
14	97470	121352	218822	12.1	110811	136790	247601	14.3	107652	130487	238139	12.7	96749	120605	217354	12.2	117123	153074	270197	16.1
15	167686	177109	344795	19.1	176589	190666	367255	21.2	175094	190240	365334	19.5	157360	175833	333193	18.8	171373	191547	362920	21.7
16	193917	182880	376797	20.9	181877	177395	359272	20.8	188037	190400	378437	20.2	168992	175980	344972	19.4	191457	193813	385270	23.0
17	186285	155374	341659	19.0	164543	141716	306259	17.7	160624	143375	303999	16.3	147141	135819	282960	15.9	152058	142576	294634	17.6
14-17	645358	636715	1282073	71.1	633820	646587	1280387	74.1	631407	654502	1285909	68.8	570242	608237	1178479	66.4	632011	681010	1313021	78.4
18	142026	102779	244805	13.6	115853	85235	201088	11.6	100995	76090	177085	9.5	98613	76883	175296	9.9	93976	74045	168021	10.0
19	81788	47804	129592	7.2	60730	36421	97151	5.6	45236	27526	72762	3.9	53734	32723	86457	4.9	40152	25422	65574	3.9
>19	65264	27968	93232	5.2	41652	19463	61115	3.5	20879	9683	30562	1.6	41980	14982	56962	3.2	16775	7145	23920	1.4
18-19+	289078	178551	467629	25.9	218235	141119	359354	20.8	167110	113299	280409	15.0	194327	124388	318715	18.0	150903	106612	257515	15.4
Grand Total	954961	847849	1802810	100	954961	847849	1802810	100	945418	924862	1870280	100	896592	877791	1774383	100	824767	850826	1675593	100
Population Age 14-17	1716092	1689336	3405428		1765859	1738327	3504186		1811771	1783324	3595295		1858877	1829895	3688773		1966266	1966266	3932333	
GER	55.6	50.2	52.9		54.1	48.8	51.4		52.2	51.9	52.0		48.2	48.0	48.1		41.9	43.3	42.6	
NER	37.6	37.7	37.6		35.9	37.2	36.5		34.9	36.7	35.8		30.7	33.2	31.9		32.1	34.6	33.4	

Source: National Bureau of Statistics - Population data.

Note: The both GER and NER for Form 1-4 has been fluctuating since 2011 to 2014. In most cases the NER was higher for female compared to Male while the GER for Male was higher than for Female.

Secondary Education

Table 3.4: Gross (GER) and Net (NER) Enrolment Ratios for Secondary Schools Form 5 & 6, 2012 - 2016

Form 5-6 Enrolment Age	2012				2013				2014				2015				2016			
	M	F	T	% of T	M	F	T	% of T	M	F	T	% of T	M	F	T	% of T	M	F	T	% of T
Under 18	2696	2993	5689	7.0	2999	3741	6740	8.9	3099	3573	6672	8.7	4487	7249	11736	9.3	6033	5684	11717	8.9
18	8414	6349	14763	18.1	7603	7137	14740	19.5	8731	6876	15607	20.3	12642	13949	26591	21.1	12790	11793	24583	18.7
19	14663	8000	22663	27.8	11900	6661	18561	24.6	14553	7878	22431	29.1	21071	15982	37053	29.4	21845	15779	37624	28.6
18 - 19	25773	17342	43115	52.9	19503	13798	33301	44.1	23284	14754	38038	49.4	33713	29931	63644	50.5	34635	27572	62207	47.4
Over 19	29739	8608	38347	47.1	28366	7115	35481	47.0	25832	6527	32359	42.0	37403	13241	50644	40.2	40461	16977	57438	43.7
Grand Total	55512	25950	81462	100	50868	24654	75522	100	52215	24854	77069	100	75603	50421	126024	100	81129	50233	131362	100
Population Age 18-19	803266	800151	1603417		858408	960946	1819354		880726.3	985931	1866657		903625	1011565	1915190		904452	1015868	1920320	
GER	6.9	3.2	5.1		5.9	2.6	4.2		5.9	2.5	4.1		8.4	5.0	6.6		9.0	4.9	6.8	
NER	3.2	2.2	2.7		2.3	1.4	1.8		2.6	1.5	2.0		3.7	3.0	3.3		3.8	2.7	3.2	

Secondary Education

Chart 3.4: Trend in Net Enrolment Ratios (NERs) for Secondary Education, 2011 - 2016

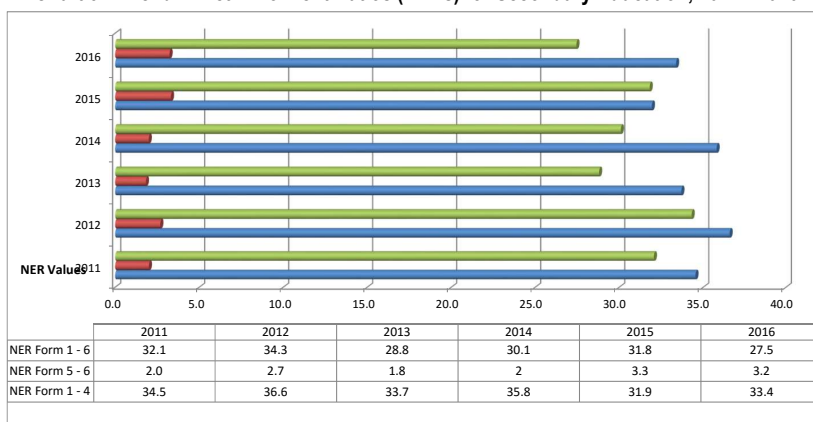
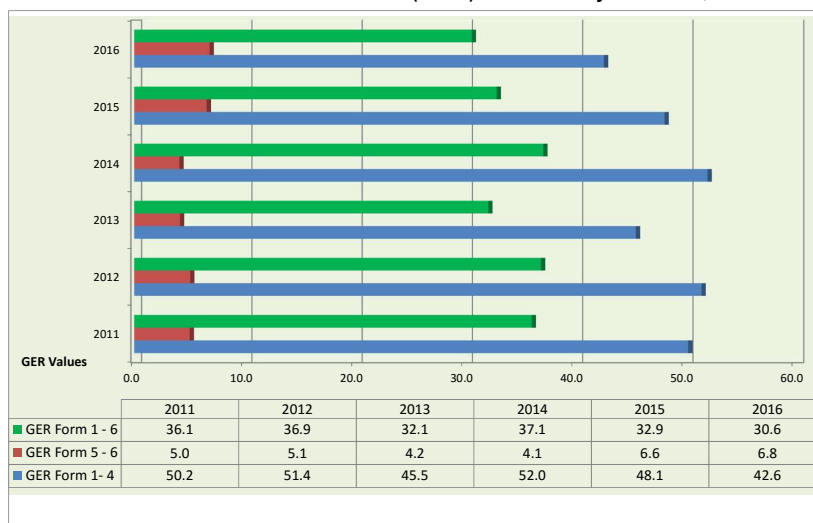


Chart 3.5: Trend in Gross Enrolment Ratios (GERs) for Secondary Education, 2011 - 2016



Secondary Education

Table 3.5: Gross (GER) and Net (NER) Enrolment Ratios for Secondary Schools, Form 1-6, 2012 - 2016

	2012					2013					2014					2015					2016				
	M	F	T	% of T	M	F	T	% of T	M	F	T	% of T	M	F	T	% of T	M	F	T	% of T	M	F	T	% of T	T
From 14 Enrolment																									
< 14	20525	32593	53118	2.8	36480	52562	89042	4.9	146901	157061	303962	15.6	132023	145166	277189	15.6	41857	63207	105064	5.8					
14	97471	121366	218837	11.6	110975	136903	247878	13.7	107652	130487	238139	12.2	96749	120605	217354	12.2	117152	153119	270271	15.0					
15	167691	177180	344871	18.3	176779	190884	367663	20.4	175094	190240	365334	18.8	157360	175833	333193	18.8	171507	191750	363257	20.1					
16	194124	183286	377410	20.0	182383	178052	360435	20.0	188037	190400	378437	19.4	168992	175980	344972	19.4	192724	195008	387732	21.5					
17	188768	157866	346634	18.4	166470	144432	310902	17.2	163723	146948	310671	16.0	147141	135819	282960	15.9	158657	146814	303471	16.8					
18	150440	109128	259568	13.8	123456	92372	215828	12.0	109726	82966	192692	9.9	98613	76683	175296	9.9	106766	86838	192604	10.7					
19	96451	55804	152255	8.1	72630	43082	115712	6.4	59789	35404	95193	4.9	53734	32723	86457	4.9	61997	41201	103198	5.7					
14 - 19	915470	837223	1752693	93	832693	785725	1618418	89.7	804021	776445	1580466	81.2	854612	862809	1717421	96.8	806803	813730	1620533	89.7					
>19	95003	36576	131579	7.0	70018	26578	96596	5.4	46711	16210	62921	3.2	41980	14982	56962	3.2	57236	24122	81358	4.5					
Grand Total	1010473	873799	1884272	100	939191	864865	1804056	100	997633	949716	1947349	100	896592	877791	1774383	100	905896	901059	1806955	100					
Population Age 14-19	2569125	2538478	5107603		2569125	2538478	5107603		2641069.5	2609555.4	5250615.88		2715010.19	2682822.93	5397633.13		2870719	3031165	5901884						
GER	39.3	34.4	36.9		39.3	34.4	36.9		37.8	36.4	37.1		33.0	32.7	32.9		31.6	29.7	30.6						
NER	35.6	33.0	34.3		35.6	33.0	34.3		30.4	29.8	30.1		31.5	32.2	31.8		28.1	26.8	27.5						

Secondary Education

Table3.6: Completion Rates Trend in Secondary Schools Form 4 Students by Age and Sex, 2011 - 2016

Age	2011					2012					2013					2016				
	M	F	T	% of T		M	F	T	% of T		M	F	T	% of T		M	F	T	% of T	
<16	2231	2843	5074	1.5		2755	3603	6358	1.6		3524	4629	8153	2.2		4116	6000	10116	2.9	
16	10351	12485	22836	6.8		13575	16894	30469	7.5		15971	20166	36137	9.8		19808	29681	49489	14.1	
17	33978	35611	69589	20.9		49802	53175	102977	25.5		49878	53912	103790	28.1		55545	68755	124300	35.3	
18	51734	45155	96889	29.0		66598	56527	123125	30.4		60290	50918	111208	30.1		54040	50268	104308	29.6	
19	44012	27707	71719	21.5		46951	30350	77301	19.1		38654	25443	64097	17.4		26744	19338	46082	13.1	
> 19 years	47880	19651	67531	20.24		44684	19671	64355	15.9		30670	14820	45490	12.3		12089	5525	17614	5.0	
Grand Total	190186	143452	333638	100		224365	180220	404585	100		198987	169888	368875	100		172342	179567	351909	100	
Population 17 years	467409	464736	932144			480964	478213	959177			427693	440926	868619			448191	464388	912579		
Gross Completion Rate	40.7	30.9	35.8			46.6	37.7	42.2			46.5	38.5	42.5			38.5	38.7	38.6		
Net Completion Rate	7.3	7.7	7.5			10.4	11.1	10.7			11.7	12.2	11.9			12.4	14.8	13.6		

Note:

The number of students who reached Form 4 in 2016 is equal to 13.6% of corresponding school age (17 years) population. The trend shows that both Gross and Net Completion Rates are increasing gradually.

Secondary Education

Table 3.7: Number of Pupils with Disabilities in Government and Non-Government Schools by Type of Disability, Grade and Sex, 2016

Grade	Albino			Deaf/Mute			Deaf Blind			Mentally Impaired		
	M	F	T	M	F	T	M	F	T	M	F	T
Form 1	75	76	151	184	176	360	14	17	31	20	12	32
Form 2	65	52	117	128	182	310	14	17	31	17	17	34
Form 3	62	41	103	119	87	206	13	10	23	12	12	24
Form 4	66	51	117	96	101	197	11	17	28	11	10	21
Form 5	14	4	18	7	8	15	2	2	4	4	0	4
Form 6	16	3	19	7	5	12	2	0	2	2	0	2
Grand Total	298	227	525	541	559	1100	56	63	119	66	51	117
Percentage	4.0	3.0	7.0	7.2	7.4	14.6	0.7	0.8	1.6	0.9	0.7	1.6

Table 3.7 Cont'd...

Grade	Multi Impaired			Physically Impaired			Poor vision			Visually Impaired			Grand Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Form 1	23	19	42	478	337	815	352	420	772	102	57	159	1248	1114	2362
Form 2	24	12	36	383	246	629	292	320	612	82	53	135	1005	899	1904
Form 3	15	6	21	264	171	435	212	334	546	51	50	101	748	711	1459
Form 4	9	10	19	240	176	416	196	252	448	46	40	86	675	657	1332
Form 5	0	0	0	25	9	34	52	60	112	7	1	8	111	84	195
Form 6	1	0	1	45	25	70	56	90	146	4	4	8	133	127	260
Grand Total	72	47	119	1435	964	2399	1160	1476	2636	292	205	497	3920	3592	7512
Percentage	1.0	0.6	1.6	19.1	12.8	31.9	15.4	19.6	35.1	3.9	2.7	6.6	58.37	41.63	100.0
Note: Students with poor vision and Physically Impaired constitute 67% (35.1% and 31.9% respectively) of all pupils with disabilities.															

Secondary Education

Table 3.8: Number of Students with Disabilities in Secondary Schools by Regions, Type of Disability and Sex, 2016

REGION	Total Enrollment				Albino				Deaf/Blind				Mentally Impaired				Multi-Impaired				Physical Impaired				Poor vision				Visually Impaired				GRAND TOTAL				% of Total
	M		F		T		M		F		T		M		F		T		M		F		T		M		F		T		M		F		T		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T				
ARUSHA	103032	21	16	37	7	6	13	7	3	10	4	5	9	0	1	1	71	29	100	30	16	46	8	4	12	148	80	228							0.2		
DAR ES SALAAMI	184191	23	24	47	44	88	2	1	3	6	9	6	3	9	130	117	247	235	356	591	3	2	5	446	553	999	1.0								0.2		
DODOMA	62909	12	2	14	6	10	16	0	5	5	0	0	0	0	0	34	16	50	46	16	62	45	9	54	143	58	201							0.1			
GETITA	57556	5	3	8	6	5	11	2	0	2	0	2	0	1	1	55	44	99	14	14	28	0	0	0	84	67	151							0.1			
IRINGA	62973	5	7	12	45	31	76	0	2	2	1	0	1	0	17	39	42	81	25	52	77	3	18	21	118	169	287							0.3			
KAGERA	86251	3	8	11	11	15	26	0	3	3	3	2	5	0	0	85	78	163	26	31	57	2	3	5	130	140	270							0.3			
KATAWI	14874	0	2	2	0	1	1	0	1	1	0	0	0	0	0	20	9	29	12	11	23	0	1	1	32	25	57							0.1			
KIGOMA	54873	9	3	12	1	3	4	2	2	4	1	2	3	1	0	1	41	30	71	18	46	64	1	1	2	74	87	161							0.2		
KILIMANJARO	135104	19	7	26	34	33	67	5	2	7	5	4	9	4	2	6	60	50	110	68	84	152	18	2	20	213	184	397							0.4		
LINDI	27393	6	2	8	7	6	13	3	4	7	0	0	0	0	0	29	19	48	9	9	18	0	0	0	54	40	94							0.1			
MANYARA	48336	2	0	2	2	9	11	4	7	11	1	1	2	0	1	1	41	40	81	7	4	11	1	0	1	58	62	120							0.1		
MARA	76291	8	7	15	38	2	40	1	1	2	6	4	10	35	3	38	132	39	171	84	94	178	1	0	1	305	150	465							0.4		
MBEYA	108801	4	6	10	2	7	9	3	5	8	2	4	6	2	1	3	60	43	103	25	48	73	4	0	4	102	114	216							0.2		
MOROGORO	86756	23	13	36	5	10	15	3	3	6	1	0	1	5	1	6	55	49	104	103	66	169	12	0	12	207	142	349							0.3		
MTWARA	45636	17	7	24	23	19	42	1	5	6	1	0	1	1	1	2	50	29	79	86	54	140	7	4	11	186	119	305							0.3		
MWANZA	135079	30	29	59	88	43	131	3	4	7	17	12	29	2	3	5	102	79	181	100	149	249	1	4	5	343	323	666							0.6		
NLOMBE	40431	1	1	2	58	51	109	0	0	0	0	1	1	2	2	4	30	19	49	12	88	100	0	3	3	103	165	268							0.3		
PWANI	64369	18	8	26	8	6	14	3	1	4	3	1	4	0	0	31	28	59	51	97	148	9	8	17	123	149	272							0.3			
RUKWA	29976	8	1	9	3	2	5	0	0	0	3	0	3	0	1	1	41	10	51	11	0	11	5	0	5	71	14	85							0.1		
RUVUMA	57816	11	3	14	8	2	10	2	4	6	0	1	1	1	2	3	74	40	114	34	16	50	4	2	6	134	70	204							0.2		
SHINYANGA	49782	46	1	47	11	10	21	3	6	9	0	1	1	1	1	2	66	25	91	10	18	29	0	29	166	52	218							0.2			
SIMUYU	43896	1	0	1	2	6	8	0	0	0	2	0	2	1	1	2	36	19	55	32	28	60	0	0	0	74	54	128							0.1		
SINGIDA	42747	3	10	13	1	0	1	1	2	3	0	0	0	0	0	0	22	20	42	10	44	54	35	0	35	72	76	148							0.1		
SONGWE	33741	5	0	5	1	0	1	0	0	0	1	1	2	1	0	1	21	16	37	7	6	13	0	0	0	36	23	59							0.1		
TABORA	57870	3	30	33	7	46	53	2	1	3	0	1	1	3	2	5	48	27	75	36	64	100	2	10	12	101	181	282							0.3		
TANGA	96272	15	37	52	123	192	315	9	1	10	10	5	15	7	4	11	62	47	109	69	75	144	102	134	236	397	495	892							0.9		
Grand Total	1806955	298	227	525	541	559	1100	56	63	119	66	51	117	72	47	119	1435	964	2399	1160	1476	2636	292	205	497	3920	3592	7512							7.3		

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Table 3.9: Number of Orphan Pupils in Government and Non-Government Secondary Schools by Level and Sex, 2016

GRADE	Total Enrolment	Orphans (Both Parents)				Orphans (Single Parent)				Total			
		M	F	T	% of T	M	F	T	% of T	M	F	T	% of T
Form 1	538826	8906	9467	18373	3.4	24708	26298	51006	9.5	33614	35765	69379	12.9
Form 2	447895	8831	8532	17363	3.9	20048	21779	41827	9.3	28879	30311	59190	13.2
Form 3	336951	7103	7480	14583	4.3	16112	17456	33568	10.0	23215	24936	48151	14.3
Form 4	351921	6791	7215	14006	4.0	16317	17956	34273	9.7	23108	25171	48279	13.7
Form 5	66624	1277	1065	2342	3.5	2690	2031	4721	7.1	3967	3096	7063	10.6
Form 6	64738	1479	1208	2687	4.2	3012	2021	5033	7.8	4491	3229	7720	11.9
Grand Total	1806955	34387	34967	69354	3.8	82887	87541	170428	9.4	117274	122508	239782	13.3

Note: About 9.4% of total enrolment in Secondary School have a single parent while 3.8% are orphans of both parents in 2016.

Secondary Education

Table 3.10: Number of Orphans Pupils in Government and Non-Government Secondary Schools by Region and Sex, 2016

REGION	Total Enrolment	Orphans (Both Parents)				Orphans (SingleParent)				Grand Total			
		M	F	T	% of T	M	F	T	% of T	M	F	T	% of T
ARUSHA	103032	1166	1288	2454	3.5	3534	4252	7786	4.6	4700	5540	10240	9.9
DAR ES SALAAM	184191	3128	3902	7030	10.1	7287	8903	16190	9.5	10415	12805	23220	12.6
DODOMA	62909	1145	1182	2327	3.4	2754	3003	5757	3.4	3899	4185	8084	12.9
GETTA	57556	1100	914	2014	2.9	2919	2229	5148	3.0	4019	3143	7162	12.4
IRINGA	62973	2562	2863	5425	7.8	4394	4891	9285	5.4	6956	7754	14710	23.4
KAGERA	86251	1876	1896	3772	5.4	4867	5008	9875	5.8	6743	6904	13647	15.8
KATAVI	14874	229	214	443	0.6	635	629	1264	0.7	864	843	1707	11.5
KIGOMA	54873	747	624	1371	2.0	2582	1887	4469	2.6	3329	2511	5840	10.6
KILIMANJARO	135104	1796	1878	3674	5.3	5164	6429	11593	6.8	6960	8307	15267	11.3
LINDI	27393	512	433	945	1.4	1603	1484	3087	1.8	2115	1917	4032	14.7
MANYARA	48336	324	413	737	1.1	1515	1931	3446	2.0	1839	2344	4183	8.7
MARA	76291	1451	1116	2567	3.7	4164	3084	7248	4.3	5615	4200	9815	12.9
MBEYA	108801	2508	2482	4990	7.2	5413	5593	11006	6.5	7921	8075	15996	14.7
MOROGORO	86756	1807	2037	3844	5.5	4425	5251	9676	5.7	6232	7288	13520	15.6
MTWARA	45636	508	584	1092	1.6	2184	2498	4682	2.7	2692	3082	5774	12.7
MWANZA	135079	3001	3077	6078	8.8	5920	5631	11551	6.8	8921	8708	17629	13.1
NJOMBE	40431	781	967	1748	2.5	2169	2899	5068	3.0	2950	3866	6816	16.9
PWANI	64369	1360	1539	2899	4.2	2843	3429	6272	3.7	4203	4968	9171	14.2
RUKWA	29976	833	659	1492	2.2	1239	1079	2318	1.4	2072	1738	3810	12.7
RUVUMA	57816	880	811	1691	2.4	2597	2586	5183	3.0	3477	3397	6874	11.9
SHINYANGA	49782	1002	879	1881	2.7	2807	2388	5195	3.0	3809	3267	7076	14.2
SIMUYU	43896	779	681	1460	2.1	2250	1922	4172	2.4	3029	2603	5632	12.8
SINGIDA	42747	448	512	960	1.4	1672	1997	3669	2.2	2120	2509	4629	10.8
SONGWE	33741	594	629	1223	1.8	1286	1486	2772	1.6	1880	2115	3995	11.8
TABORA	57870	2308	1491	3799	5.5	2633	2436	5069	3.0	4941	3927	8868	15.3

Secondary Education

Table 3.11: Number of Vulnerable Pupils in Government and Non-Government Secondary Schools by Region, Type of Vulnerability, Grade and Sex, 2016

TYPE OF VULNERABILITY	FORM 1			FORM 2			FORM 3			FORM 4			FORM 5			FORM 6			GRAND TOTAL				% of Total
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T		
Family with poor income	25298	26710	52008	21572	22777	44349	17068	17091	34159	16742	17201	33943	1032	752	1784	949	611	1560	82661	85142	167803		86.1
Pupils living near/passing in wild animals areas	1287	1134	2421	877	825	1702	626	584	1210	583	460	1043	26	5	31	28	0	28	3427	3008	6435		3.3
Pupils using marine transport	677	530	1207	499	383	882	342	268	610	557	455	1012	23	0	23	37	0	37	2135	1636	3771		1.9
Pupils who are head of the household	1700	1259	2959	1709	1274	2983	1649	1140	2789	1812	1168	2980	85	71	156	76	70	146	7031	4982	12013		6.2
Sick Pupils for more than 3 Months	614	789	1403	578	693	1271	488	567	1055	417	510	927	33	38	71	66	34	100	2196	2631	4827		2.5
Grand Total	29576	30422	59998	25235	25952	51187	20173	19650	39823	20111	19794	39905	1199	866	2065	1156	715	1871	97450	97399	194849		100
% of Total	30.3	31.2	30.8	25.9	26.6	26.3	20.7	20.2	20.4	20.6	20.3	20.5	1.2	0.9	1.1	1.2	0.7	1.0	100.0	100.0	100.0		

Note: 86.1 % of all vulnerable pupils are from family with Poor income. Most of the Vulnerable pupils are in lower grade in secondary .

Secondary Education

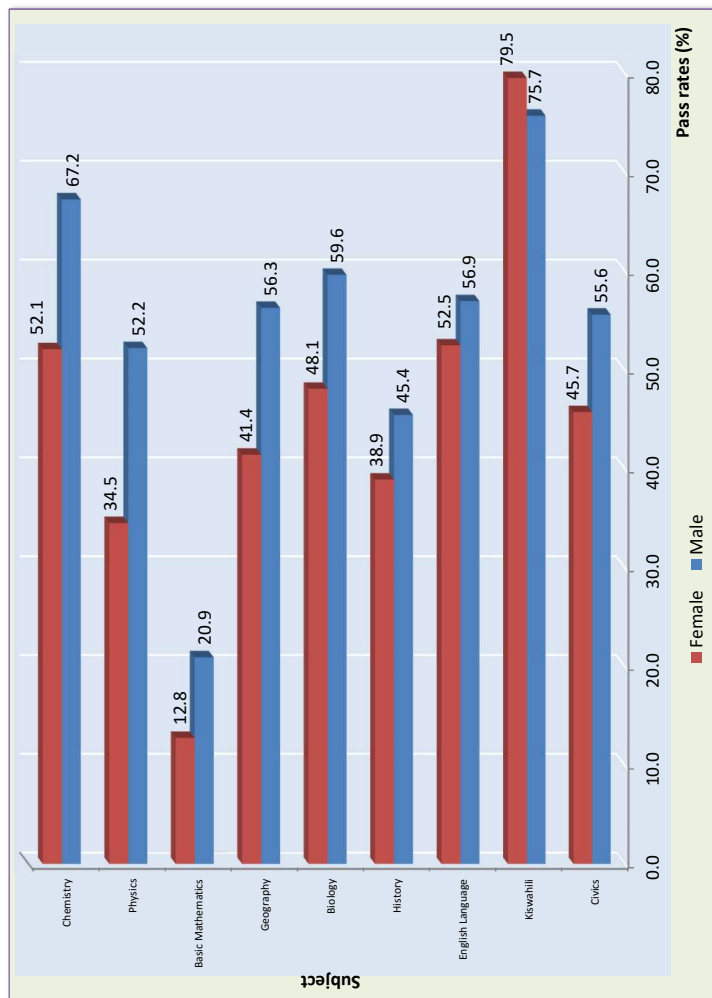
Table 3.12: Number of Vulnerable Pupils in Government and Non-Government Secondary Schools by Region, Vulnerability Type and Sex, 2016

REGION	Total Enrolment	Family with poor income			Pupils living near/past in wild animals areas			Pupils using marine transport			Pupils who are head of the household			Six Pupils for more than 3 Months			Grand Total			% of Total
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
ARUSHA	103032	3376	3793	7169	112	163	275	265	153	418	206	89	295	48	78	126	4007	4276	8283	4.3
DARES SALAAM	184191	4421	4698	9119	32	74	106	925	815	1740	218	174	392	107	168	275	5703	5929	11632	6.0
DODOMA	62909	3579	3641	7220	64	60	124	7	12	19	425	375	800	103	135	238	4178	4223	8401	4.3
GEITA	57556	2695	2105	4800	60	49	109	126	6	132	437	295	732	54	38	92	3372	2493	5865	3.0
IRINGA	62975	3615	4209	7824	37	28	65	0	0	0	249	200	449	37	60	97	3938	4497	8435	4.3
KAGERA	86251	5050	5367	10417	154	119	273	1	5	6	346	201	547	184	211	395	5735	5903	11638	6.0
KATAVI	14874	492	484	976	32	9	41	0	0	0	54	36	90	13	19	32	591	548	1139	0.6
KIGOMA	54873	2998	2207	5205	0	0	0	34	13	47	295	159	454	99	107	206	3426	2486	5912	3.0
KILIMANJARO	135104	4132	5073	9205	267	244	511	0	0	0	246	336	582	68	92	160	4713	5745	10458	5.4
LINDI	27393	1748	1748	3496	124	119	243	54	54	108	129	74	203	25	28	53	2080	2023	4103	2.1
MANYARA	48336	1828	2362	4190	188	218	406	0	0	0	238	244	482	36	71	107	2290	2895	5185	2.7
MARA	76291	3882	2928	6810	570	403	973	2	1	3	370	150	520	232	241	473	5056	3723	8779	4.5
MBEYA	108801	4406	4289	8695	5	4	9	33	27	60	399	246	645	105	132	237	4948	4698	9646	5.0
MOROGORO	86756	6484	7434	13918	247	264	511	120	73	193	452	345	797	147	141	288	7450	8257	15707	8.1
MTWARA	45637	2319	2354	4673	77	105	182	31	17	48	106	51	157	59	80	139	2592	2607	5199	2.7
MWANZA	135079	6347	5817	12164	105	104	209	370	263	633	747	425	1172	247	253	500	7816	6862	14678	7.5
Njombe	40431	1058	1214	2272	12	6	18	29	61	90	63	81	144	21	52	73	1183	1414	2597	1.3
PWANI	64369	3313	4509	7822	18	6	24	46	74	120	323	314	637	48	56	104	3748	4959	8707	4.5
RUKWA	29976	1113	944	2057	29	16	45	13	0	13	149	63	212	18	28	46	1322	1051	2373	1.2
RUWUMA	57816	2449	2177	4626	202	11	213	29	22	51	197	221	418	99	118	217	2976	2549	5525	2.8
SHINYANGA	49782	2762	2794	5556	259	275	534	0	0	0	228	141	369	71	69	140	3320	3279	6599	3.4
SHINYU	43896	2610	1998	4608	141	112	253	0	0	0	380	156	536	75	90	165	3206	3256	5562	2.9
SINGIDA	42747	2025	2195	4220	68	105	173	3	0	3	243	220	463	75	114	189	2414	2634	5048	2.6
SONGWE	33741	1149	1340	2489	4	4	8	0	0	0	87	65	152	21	22	43	1261	1431	2692	1.4
TABORA	57870	2869	2419	5288	515	393	908	0	0	0	162	97	259	55	82	137	3601	2991	6592	3.4
TANGA	96272	5941	7043	12984	105	117	222	47	40	87	282	224	506	149	146	295	6524	7570	14094	7.2
Grand Total	1806958	82661	85142	167803	3427	3008	6435	2135	1636	3771	7031	4982	12013	2196	2631	4827	97450	97399	194849	

Note: The percentage of vulnerable pupils by region has direct relation with total enrolment of the region.

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Chart 3.12: Summary of Pass Rates for Government and Non-Government Secondary School Candidates in Form 4 Examination (CSEE) by Subject and Sex, 2015



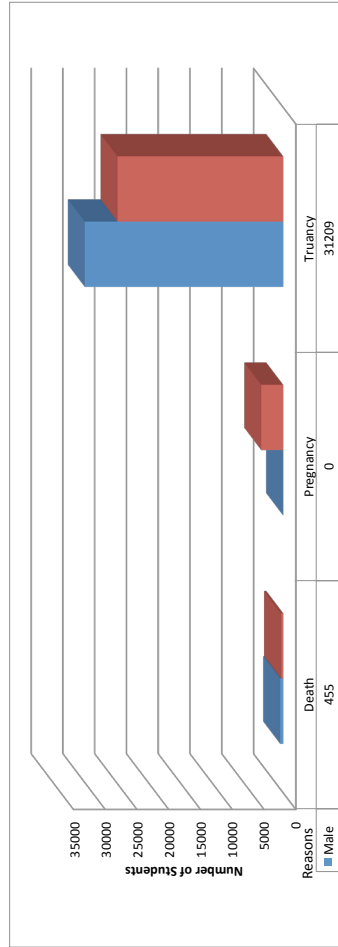
Secondary Education

Table 3.13: Number of Dropout in Government and Non-Government Secondary Schools by Reason, Grade and Sex, 2015

GRADE	Death			Pregnancy			Truancy			TOTAL			%
	M	F	T	M	F	T	M	F	T	M	F	T	
Form 1	107	89	196	0	422	422	8972	7558	16530	9079	8069	17148	27.9
Form 2	129	84	213	0	823	823	11867	9390	21257	11996	10297	22293	36.3
Form 3	94	73	167	0	1050	1050	6290	5461	11751	6384	6584	12968	21.1
Form 4	95	63	158	0	1068	1068	3915	3595	7510	4010	4726	8736	14.2
Form 5	15	4	19	0	64	64	101	57	158	116	125	241	0.4
Form 6	15	3	18	0	12	12	64	8	72	79	23	102	0.2
Grand Total	455	316	771	0	3439	3439	31209	26069	57278	31664	29824	61488	100
% of Total	0.7	0.5	1.3	0.0	5.6	5.6	50.8	42.4	93.2	51.5	48.5	100.0	

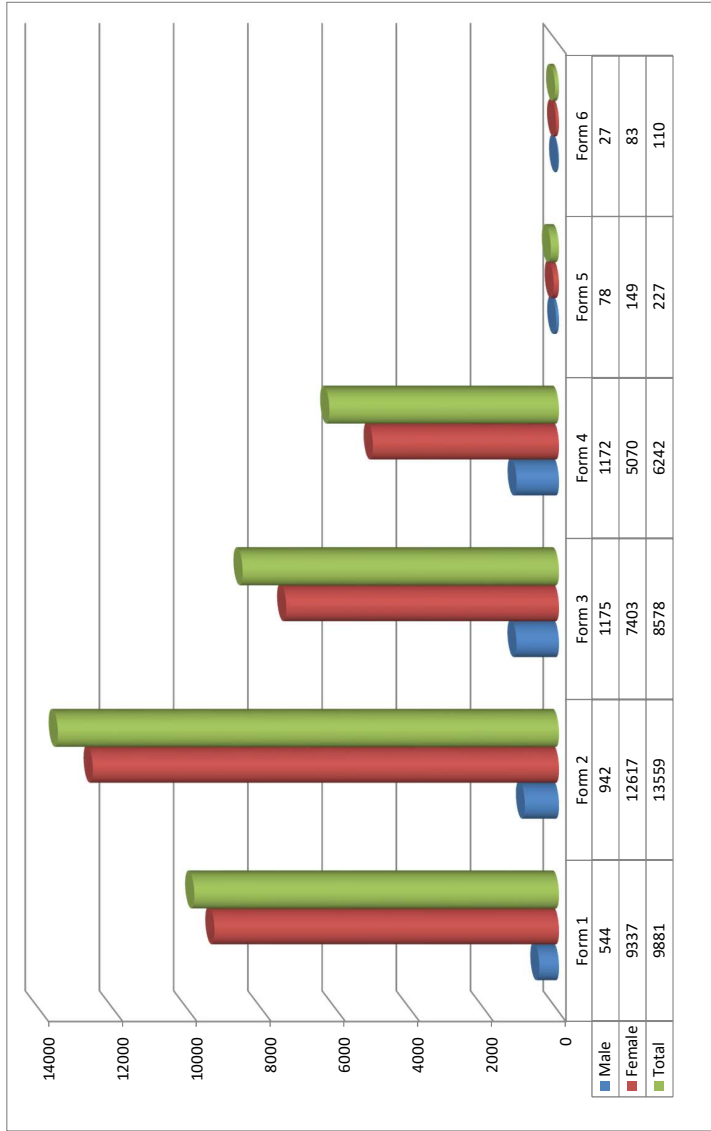
Note: Dropouts in secondary schools is higher in lower level secondary as compared to higher level secondary. Form 2 has the highest number of dropouts (34%). The major reason for dropout is truancy (78.1%) followed by pregnancy and the least is death.

Chart 3.6: Dropout in Government and Non-Government Secondary Schools by Reason, 2016



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Chart 3.7: Number of Dropout in Government and Non-Government Secondary Schools by Grade and Sex, 2015



Secondary Education

Table 3.14: Number of Dropout in Government and Non-Government Secondary Schools by Reason, Grade and Sex, 2015

REGIONS	Total Enrolment 2015	Death			Pregnancy			Truancy			TOTAL			%of Total
		M	F		T	M	F		T	M	F		T	
ARUSHA	103032	17	6	23	0	98	98	809	736	1545	826	840	1666	1.6
DAR ES SALAAM	184191	32	26	58	0	60	60	953	769	1722	985	855	1840	1.0
DODOMA	62909	17	18	35	0	196	196	1318	1306	2624	1335	1520	2855	4.5
GEITA	57556	24	5	29	0	130	130	1890	1505	3395	1914	1640	3554	6.2
IRINGA	62973	18	13	31	0	123	123	941	748	1689	959	884	1843	2.9
KAGERA	86251	20	8	28	0	135	135	1520	1396	2916	1540	1539	3079	3.6
KATAVI	14874	4	7	11	0	45	45	321	243	564	325	295	620	4.2
KIGOMA	54873	11	4	15	0	33	33	1125	714	1839	1136	751	1887	3.4
KILIMANJARO	135104	14	15	29	0	235	235	1118	933	2051	1132	1183	2315	1.7
LINDI	27393	5	2	7	0	86	86	654	580	1234	659	668	1327	4.8
MANYARA	48336	6	8	14	0	61	61	952	879	1831	958	948	1906	3.9
MARA	76291	25	13	38	0	181	181	1531	1120	2651	1556	1314	2870	3.8
MBEYA	108801	26	29	55	0	322	322	1075	905	1980	1101	1256	2357	2.2
MOROGORO	86756	29	15	44	0	260	260	1127	1000	2127	1156	1275	2431	2.8
MTWARA	45636	8	6	14	0	101	101	1474	1364	2838	1482	1471	2953	6.5
MWANZA	135079	39	25	64	0	258	258	2980	2410	5390	3019	2693	5712	4.2
NUMBE	40431	5	2	7	0	75	75	453	348	801	458	425	883	2.2
PWANI	64369	18	9	27	0	96	96	709	600	1309	727	705	1432	2.2
RUKWA	29976	11	5	16	0	70	70	1645	1044	2689	1656	1119	2775	9.3
RUVUMA	57816	22	25	47	0	165	165	1291	1139	2430	1313	1329	2642	4.6
SHINYANGA	49782	16	7	23	0	101	101	1119	919	2038	1135	1027	2162	4.3
SIMUYU	43896	14	8	22	0	97	97	1122	787	1909	1136	892	2028	4.6
SINGIDA	42747	5	4	9	0	130	130	994	784	1778	999	918	1917	4.5
SONGWE	33741	17	14	31	0	61	61	636	605	1241	653	680	1333	4.0
TABORA	57870	18	14	32	0	133	133	1751	1503	3254	1769	1650	3419	5.9
TANGA	96272	34	28	62	0	187	187	1701	1732	3433	1735	1947	3682	3.8
Grand Total	1806955	455	316	771	0	3439	3439	31209	26069	57278	31664	29824	61488	100.0

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Table 3.15: Number of Dropout in Government Secondary Schools by Reason, Grade and Sex, 2015

	Enrolment Govt 2015			Death			Pregnancy			Truancy			TOTAL			% of Total
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
ARUSHA	81075	13	4	17	0	90	90	746	708	1454	759	802	1561	802	1561	1.9
DAR ES SALAAM	130967	28	23	51	0	58	58	829	626	1455	857	707	1564	707	1564	1.2
DODOMA	52906	17	13	30	0	190	190	1268	1268	2536	1285	1471	2756	1471	2756	5.2
GEITA	55040	23	5	28	0	129	129	1880	1505	3385	1903	1639	3542	1639	3542	6.4
IRINGA	49434	15	10	25	0	117	117	877	686	1563	892	813	1705	813	1705	3.4
KAGERA	70946	19	6	25	0	131	131	1449	1351	2800	1468	1488	2956	1488	2956	4.2
KATAVI	13722	4	7	11	0	43	43	312	231	543	316	281	597	281	597	4.4
KIGOMA	41496	8	3	11	0	31	31	1005	590	1595	1013	624	1637	624	1637	3.9
KILIMANJARO	97323	9	12	21	0	217	217	1045	892	1937	1054	1121	2175	1121	2175	2.2
LINDI	26105	3	2	5	0	86	86	652	579	1231	655	667	1322	667	1322	5.1
MANYARA	43234	6	6	12	0	59	59	914	854	1768	920	919	1839	919	1839	4.3
MARA	67992	20	9	29	0	175	175	1452	1056	2508	1472	1240	2712	1240	2712	4.0
MBEYA	81453	19	23	42	0	294	294	976	840	1816	995	1157	2152	1157	2152	2.6
MOROGORO	70357	28	15	43	0	252	252	1102	980	2082	1130	1247	2377	1247	2377	3.4
MTWARA	41794	8	6	14	0	96	96	1464	1348	2812	1472	1450	2922	1450	2922	7.0
MWANZA	112519	35	25	60	0	254	254	2895	2327	5222	2930	2606	5536	2606	5536	4.9
NJOMBE	32598	4	2	6	0	72	72	434	327	761	438	401	839	401	839	2.6
PWANI	46055	16	8	24	0	93	93	668	551	1219	684	652	1336	652	1336	2.9
RUKWA	25153	10	4	14	0	68	68	1606	1015	2621	1616	1087	2703	1087	2703	10.7
RUWUMA	45679	19	21	40	0	144	144	1168	1080	2248	1187	1245	2432	1245	2432	5.3
SHINYANGA	42429	16	7	23	0	100	100	1115	918	2033	1131	1025	2156	1025	2156	5.1
SIMUYU	41261	13	8	21	0	95	95	1076	776	1852	1089	879	1968	879	1968	4.8
SINGIDA	38944	5	4	9	0	127	127	981	775	1756	986	906	1892	906	1892	4.9
SONGWE	27033	15	13	28	0	56	56	614	583	1197	629	652	1281	652	1281	4.7
TABORA	49273	18	10	28	0	131	131	1732	1484	3216	1750	1625	3375	1625	3375	6.8
TANGA	84319	32	27	59	0	173	173	1644	1695	3339	1676	1895	3571	1895	3571	4.2
Grand Total	1469107	403	273	676	0	3281	3281	29904	25045	54949	30307	28599	58906	28599	58906	4.0

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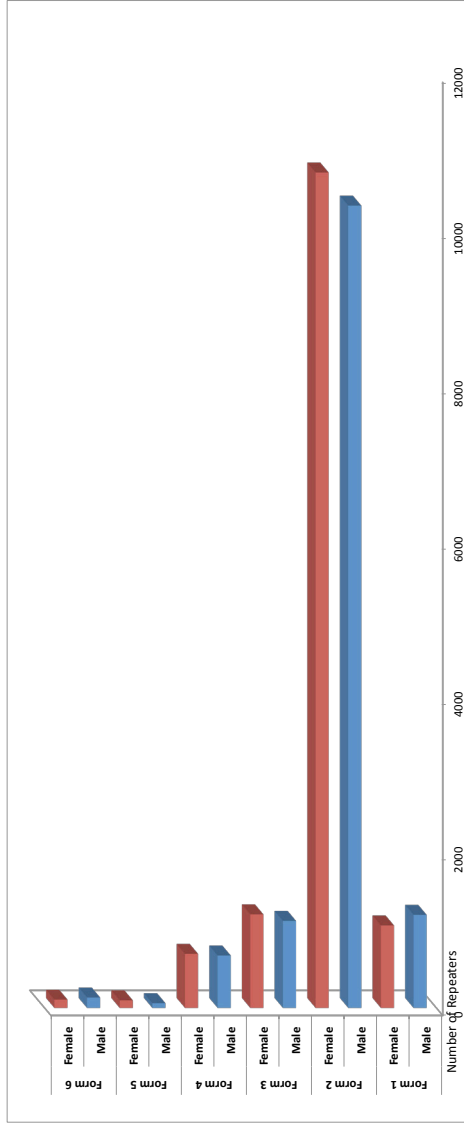
Table 3.16: Number of Repeaters in Government and Non-Government Secondary Schools by Ownership, Grade and Sex, 2016

Ownership	Form 1			Form 2			Form 3			Form 4			Form 5			Form 6			Grand total			% of Total
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
Government	944	714	1658	10040	10369	20409	736	711	1447	395	357	752	51	89	140	132	100	232	12298	12340	24638	89.8
NonGovt	256	347	603	288	379	667	383	492	875	279	338	617	10	9	19	2	7	9	1218	1572	2790	10.2
Grand Total	1200	1061	2261	10328	10748	21076	1119	1203	2322	674	695	1369	61	98	159	134	107	241	13516	13912	27428	100
Percentage	8.9	7.6	8.2	76.4	77.3	76.8	8.3	8.6	8.5	5.0	5.0	5.0	0.5	0.4	0.6	0.5	0.4	0.9	49.3	50.7	100	

Note:

There were 27 428 students who repeated classes in 2016 of which 49.3% were boys and 50.7% were girls. Number of repeaters is high in Form 2 (76.8%) and low in Form 6 (0.9%). Generally, repeaters are higher in Government secondary schools (89.8%) as compared to Non Government schools (10.2%).

Chart 3.8: Number of Repeaters in Government and Non-Government Secondary Schools by Grade and Sex, 2016



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Table 3.17: Trend of Repeaters in Government Secondary Schools by Sex and Grade, 2011 - 2016

GRADE	2011			2012			2013			2016		
	M	F	T	M	F	T	M	F	T	M	F	T
Form 1	2740	3282	6022	3282	1427	4709	608	626	1234	927	686	1613
Form 2	2940	3360	6300	3360	1903	5263	34776	36525	71301	10053	10373	20426
Form 3	2994	3327	6321	3327	1829	5156	1642	1709	3351	730	704	1434
Form 4	2864	3416	6280	3416	1573	4989	864	1048	1912	384	346	730
Form 5	223	450	673	450	1376	1826	677	120	797	51	89	140
Form 6	837	41	878	41	1268	1309	631	158	789	132	100	232
Grand Total	12598	13876	26474	13876	9376	23252	39198	40186	79384	12277	12298	24575
% Change				10.1	-32.4	-12.2	182.5	328.6	241.4	-68.7	-69.4	-69.0

Table 3.18: Trend of Repeaters in Non-Government Secondary schools by Sex and Grade, 2011 - 2016

GRADE	2011			2012			2013			2016		
	M	F	T	M	F	T	M	F	T	M	F	T
Form 1	339	455	794	728	899	1627	462	927	1389	273	375	648
Form 2	280	327	607	489	641	1130	1083	1862	2945	275	375	650
Form 3	339	378	717	464	633	1097	610	1048	1658	389	499	888
Form 4	332	371	703	422	557	979	470	797	1267	290	349	639
Form 5	136	141	277	190	234	424	124	250	374	10	9	19
Form 6	97	114	211	141	211	352	42	163	205	2	7	9
Grand Total	1523	1786	3309	2434	3175	5609	2791	5047	7838	1239	1614	2853
% Change				59.8	77.8	69.5	14.7	59.0	39.7	-55.6	-68.0	-63.6

Note: Generally, repeaters are higher in Government secondary schools (24,575) as compared to Non Government schools (2,853).

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Table 3.19: Summary of Pass Rates in Form 4 Examination (CSEE) in Government and Non-Government Secondary Schools by Division, 2008 - 2015

Year	Division (in %)					Percent Passed	Percent Failed	Total No of Candidates Examined
	I	II	III	Total-III	IV			
2008	3.5	6.4	16.8	26.7	56.9	83.6	16.3	163,855
2009	1.9	4.4	11.6	17.9	54.7	72.5	27.5	248,336
2010	1.5	2.8	7.1	11.4	38.9	50.4	49.6	352,840
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	68.0	32.0	354,885

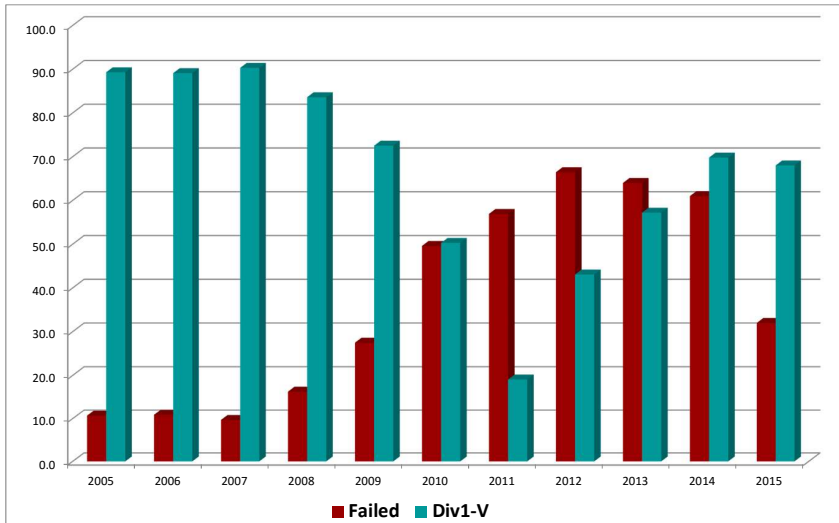
Note: Pass rates in Form 4 examinations have been fluctuating from year to year, highest in 2008 (83.6%) and lowest in 2012 (43.1%). The percentage of candidates who failed started to increase from 2008 (16.3%) to 2011 (46.4%) then 2012 (56.9%). For the past ten years Division 1 passes was highest in 2008 (3.5%) with the lowest failures of 16.3%. The pass rate is highly negatively correlated with number of candidate sat for examinations.

Chart 3.9: Pass Rates Trend for Form 4 Examination (CSEE) in Government and Non-Government Secondary Schools by Division, 2008 - 2015



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Chart 3.10: Pass Rate Trend for CSEE Candidates scored Division I - III and Failures in Government and Non-Government Secondary Schools by Division, 2005 - 2015



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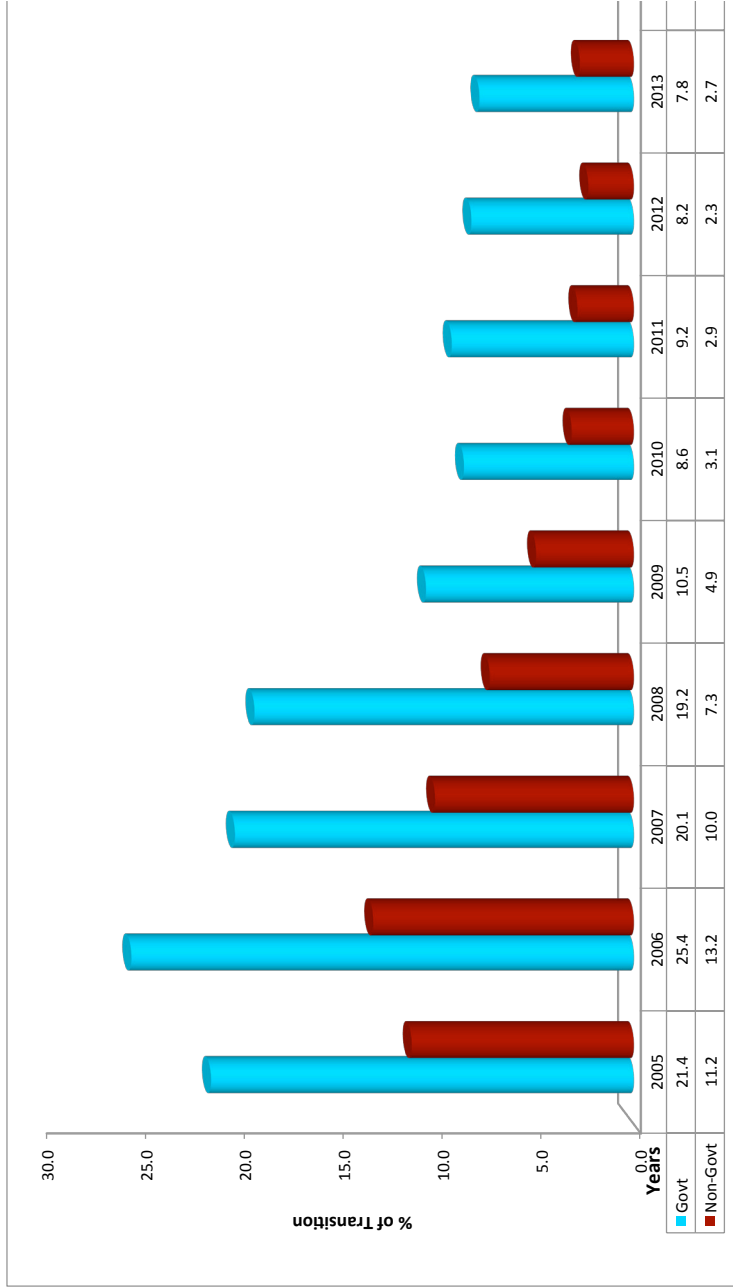
Table 3.20: Trend in Transition Rates from Form 4 to Form 5, 2005 - 2015

Year	Number of Candidates Sat	Number of Candidates Passed	Number of Candidates Enrolled to Form 5			% Enrolled to Form 5 Vs Candidates Sat		
			Govt	Non-Govt	Total	Govt	Non-Govt	Total
2005	85292	76166	18211	9569	27780	21.4	11.2	32.6
2006	85865	76506	21789	11299	33088	25.4	13.2	38.5
2007	125288	113135	25240	12576	37816	20.1	10.0	30.2
2008	162855	126617	31201	11851	43052	19.2	7.3	26.4
2009	248336	173323	26065	12269	38334	10.5	4.9	15.4
2010	352840	177021	30265	11083	41348	8.6	3.1	11.7
2011	339330	180216	31206	9684	40890	9.2	2.9	12.1
2012	370837	159747	30581	8592	39173	8.2	2.3	10.6
2013	403789	235227	31480	11004	42484	7.8	2.7	10.5
2014	240410	167643	45094	20996	66090	18.8	8.7	27.5
2015	384300	240996	n/a	n/a	n/a	n/a	n/a	n/a

Note: The trend in transition rate has been decreasing since 2006 (38.5%) to 2010 (11.7%) which followed with a slight increase in 12.1% in 2011 and later a downward trend to 10.6% and 10.5% in 2012 and 2013 respectively.

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Chart 3.11: Trend in Transition Rates from Form 4 to Form 5, 2004/5 - 2014/15



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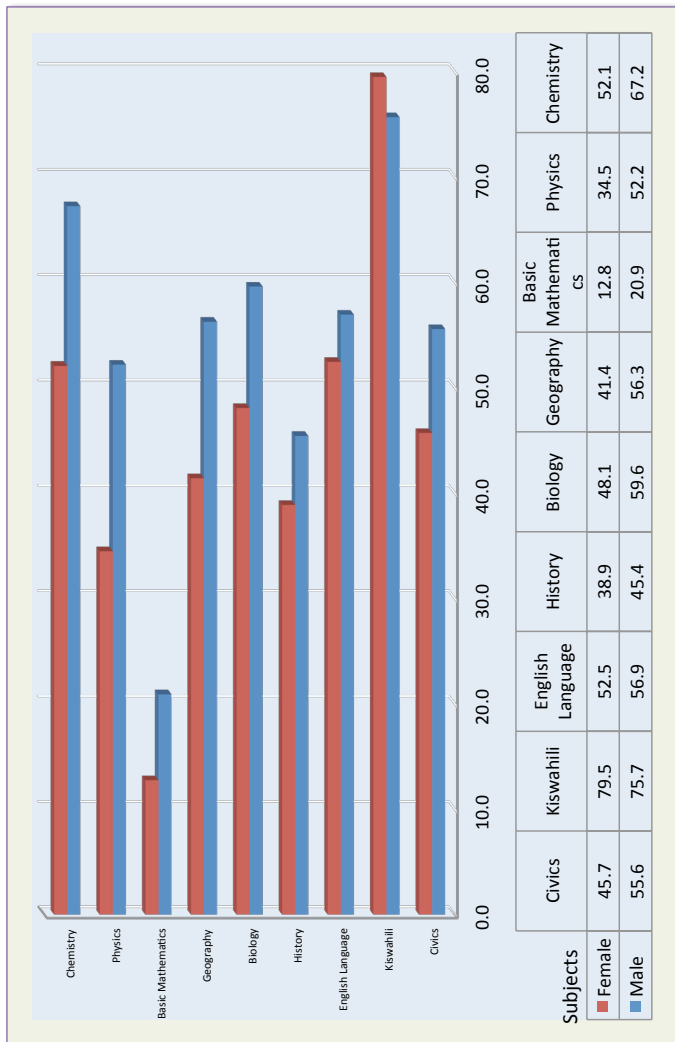
Table 3.21: Summary of Pass Rates for School Candidates in Form 4 Examination (CSEE) by Subject and Sex, 2014 - 2015

Subject	Year	Candidate Sat			Candidate Passed						% of Change	
		M	F	T	M	%	F	%	T	% of T		
Civics	2014	129710	110523	240233	53060	40.9	37508	33.9	90568	37.7	34.12	
	2015	188742	195313	384055	104901	55.6	89296	45.7	194197	50.6		
Kiswahili	2014	129718	110536	240254	87479	67.4	79886	72.3	167365	69.7	11.44	
	2015	188711	195303	384014	142835	75.7	155270	79.5	298105	77.6		
English Language	2014	129714	110522	240236	73861	75.7	58517	52.9	132378	55.1	1.96	
	2015	188764	195318	384082	113314	56.9	102486	52.5	215800	56.2		
History	2014	126313	107339	233652	57384	60.0	30019	28.0	87403	37.4	27.25	
	2015	185064	192372	377436	104855	45.4	74807	38.9	179662	47.6		
Biology	2014	128869	109693	238562	69234	56.7	45993	41.9	115227	48.3	11.26	
	2015	187840	194516	382356	111964	59.6	93520	48.1	205484	53.7		
Geography	2014	129144	110388	239532	57112	44.2	33826	30.6	90938	38.0	28.28	
	2015	187938	195117	383055	105746	56.3	80804	41.4	186550	48.7		
Basic Mathematics	2014	129594	110485	240079	30369	23.4	16632	15.1	47001	19.6	-14.38	
	2015	188548	195247	383795	39420	20.9	24912	12.8	64332	16.8		
Physics	2014	63792	44900	108692	34195	53.6	16580	36.9	50775	46.7	-5.17	
	2015	71893	57919	129812	37528	52.2	19977	34.5	57505	44.3		
Chemistry	2014	77739	59733	137472	48403	62.3	29586	49.5	77989	56.7	5.96	
	2015	91044	80791	171835	61218	67.2	42078	52.1	103296	60.1		

Note: Pass rates by subject in CSEE was high in Kiswahili (69.7%) in year 2014 and 77.6% in year 2015. Basic Mathematics had lower Pass rate of 19.6% and 16.8% in 2014 and 2015 respectively. The performance of boys is higher than that of girls in all subjects except in Kiswahili where girls performed higher than boys in years 2014 and 2015.

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Chart 3.12: Summary of Pass Rates for Government and Non-Government Secondary School Candidates in Form 4 Examination (CSEE) by Subject and Sex, 2015



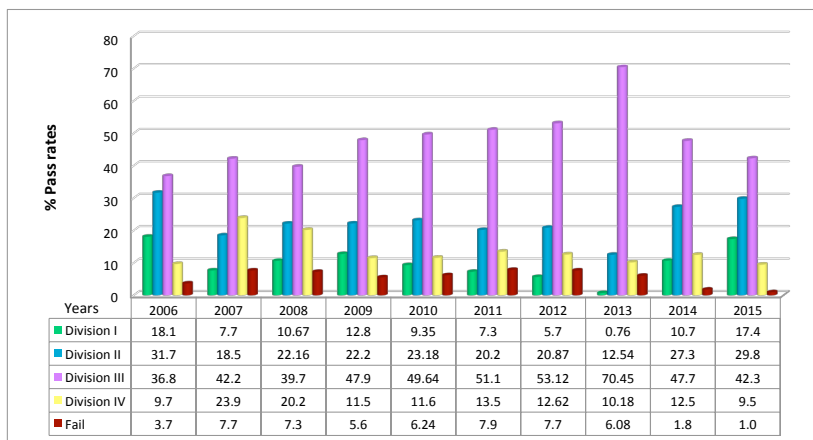
Secondary Education

Table 3.22: Summary of Pass Rates in Form 6 Examination (ACSEE) in Government and Non-Government Secondary Schools by Division, 2006 - 2015

Year	Division					Percent Passed	Percent Failed	Total No of Candidates Examined
	I	II	III	I - III	IV			
2006	18.1	31.7	36.8	86.6	9.7	96.3	3.7	21126
2007	7.7	18.5	42.2	68.4	23.9	92.3	7.7	24813
2008	10.7	22.2	39.7	72.6	20.2	92.7	7.3	32275
2009	12.8	22.2	47.9	82.9	11.5	94.4	5.6	39105
2010	9.4	23.2	49.6	82.2	11.6	93.8	6.2	48791
2011	7.3	20.2	51.1	78.6	13.5	92.1	7.9	44720
2012	5.7	20.9	53.1	79.7	12.6	92.3	7.7	44188
2013	0.8	12.5	70.5	83.8	10.2	93.9	6.1	42952
2014	10.7	27.3	47.7	85.7	12.5	98.2	1.8	35418
2015	17.4	29.8	42.3	89.5	9.5	99.0	1.0	35176

Note: Pass rates in ACSEE for year 2006 - 2015 varied from year to year ranging between 92.1% and 99.0%. For ten years, the number of candidates was high in 2010 (48,791) and lowest in 2006 (21,126).

Chart 3.13: Pass Rates Summary of Form 6 Examination (ACSEE) in Government and Non-Government Secondary Schools, 2006 - 2015

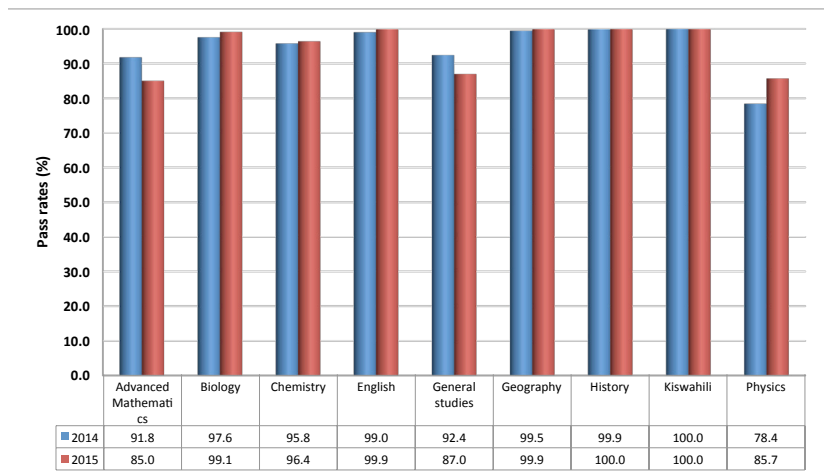


Secondary Education

Table 3.23: Summary of Pass Rate in Form 6 Examination (ACSEE) in Government and Non-Government Secondary Schools by Subject, 2014 - 2015

SUBJECTS	Candidates Sat		Candidates Passed		% of Passed	
	2014	2015	2014	2015	2014	2015
Advanced Mathematics	2022	9144	1856	7774	91.8	85.0
Biology	10959	13429	10693	13313	97.6	99.1
Chemistry	16016	18491	15340	17825	95.8	96.4
English	8190	5759	8111	5755	99.0	99.9
General Studies	35255	35175	32590	30596	92.4	87.0
Geography	19188	18774	19089	18764	99.5	99.9
History	13321	11227	13308	11223	99.9	100.0
Kiswahili	6385	5160	6384	5158	100.0	100.0
Physics	11875	13102	9311	11228	78.4	85.7

Chart 3.14: Summary of Pass Rate in Form 6 Examination (ACSEE) in Government and Non-Government Secondary Schools by Subject, 2014 - 2015



NOTE: The pass rates for Form 6 are higher in Kiswahili and History than other subjects for both years.

Secondary Education

Table 3.24: Teaching Staff, Number of Schools, Streams and Pupil Teacher Ratio in Government and Non-Government Secondary Schools, 2011 - 2016

ITEM	2012			2013			2014			2015			2016		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Total Teachers	44524	20562	65086	49552	23855	73407	53636	26893	80529	61742	32856	94598	70723	37873	108596
Government	33643	17826	51469	37291	20737	58028	41490	23900	65390	47177	27950	75127	55446	34108	89554
Non-Government	10881	2736	13617	12261	3118	15379	12146	2993	15139	14565	4906	19471	15277	3765	19042
Qualified Teachers															
Total	10595	27330	37925	43500	22013	65513	53436	26663	80099			92439	64830	35806	100636
Government	8958	20392	29350	34002	19482	53484	41490	23900	65390			74168	52887	32713	85600
Non-Government	1637	6938	8575	9498	2531	12029	11946	2763	14709			18271	11943	3093	15036
Number of Schools															
Total	4528					4576			4753			4708			4759
Government	3508					3528			3692			3593			3614
Non-Government	1020					1048			1061			1115			1145
Number of Streams															
Total	46381					43518			39398						40444
Government	39297					35604			31951						32595
Non-Government	7084					7914			7447						7849
Pupil Teacher Ratio															
Total	1:29					1:25			1:24			1:19			1:17
Government	1:31					1:26			1:24			1:23			1:18
Non-Government	1:21					1:20			1:24			1:19			1:14
Pupil Qualified Teacher Ratio															
Total	1:29					1:28						1:19			1:20
Government	1:31					1:28			1:24			1:19			1:19
Non-Government	1:21					1:25			1:25			1:18			1:27

Note: In 2016 there are 108,596 teachers in secondary schools of whom 89,554 (82.5%) were in Government schools and 19,042 (17.5%) are in Non-Government secondary schools. The increase of teachers is 14.8%. The number of secondary schools increased from 4,576 in 2013 to 4,759 in 2016. The Non-government schools has increased from 1,048 (2013) to 1,145 (2016).

Secondary Education

Table 3.25: Number of Teachers and Pupil Teacher Ratio (PTR) in Government and Non-Government Secondary Schools by Age and Region, 2016

Age/Region	Total Enrolment	Less 21	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	Zaidi ya 60	Total T/Staff	TPR
ARUSHA	103032	11	330	2748	1703	769	415	244	144	98	7	6469	16
DAR ES SALAAM	184191	10	198	2166	2859	1928	1034	552	325	223	30	9325	20
DODOMA	62909	7	160	1669	1296	503	210	109	89	65	11	4119	15
GEITA	57556	3	163	1865	719	247	77	57	42	10	0	3183	18
IRINGA	62973	56	277	1580	1172	513	203	120	79	66	6	4072	15
KAGERA	86251	7	372	2218	1359	516	241	159	99	43	10	5024	17
KATAVI	14874	2	36	357	191	86	25	20	17	10	1	745	20
KIGOMA	54873	13	252	1423	788	310	144	62	54	40	6	3092	18
KILIMANJARO	135104	11	440	3207	2095	1000	525	363	283	197	13	8134	17
LINDI	27393	15	77	932	441	150	51	34	17	6	2	1725	16
MANYARA	48336	1	56	1236	1043	387	140	93	55	41	0	3052	16
MARA	76291	1	225	1930	1069	339	190	101	72	57	2	3986	19
MBEYA	108801	1	197	2413	1841	765	367	264	163	113	16	6140	18
MOROGORO	86756	3	255	2534	1760	800	322	182	127	98	30	6111	14
MTWARA	45636	1	93	1459	730	266	71	48	37	24	1	2730	17
MWANZA	135079	37	394	3022	2113	961	379	227	142	93	14	7382	18
NJOMBE	40431	7	152	1533	852	322	124	92	39	31	3	3155	13
PWANI	64369	2	197	1686	1521	703	343	153	83	49	2	4739	14
RUKWA	29976	0	87	648	623	226	82	50	29	15	3	1763	17
RUVUMA	57816	5	152	1679	1094	412	171	102	64	61	7	3747	15
SHINYANGA	49782	0	142	1289	773	320	145	90	55	38	4	2856	17
SIMUYU	43896	6	130	1162	757	221	112	45	25	13	0	2471	18
SINGIDA	42747	0	156	1225	695	241	110	74	55	38	1	2595	16
SONGWE	33741	13	58	859	607	251	92	63	35	27	2	2007	17
TABORA	57870	4	169	1633	966	334	116	78	68	35	7	3410	17
TANGA	96272	15	310	2761	1741	683	256	162	116	101	15	6160	16
NOT STATED												404	
Grand Total	1806955	231	5078	45234	30808	13253	5945	3544	2314	1592	193	108596	17

Secondary Education

Table 3.26: Number of Teachers and Pupil Teacher Ratio (PTR) in Government Secondary Schools by Age and Region, 2016

Age/Region	Total Enrolment	Less 21	21 - 25	26 - 30	31 - 35	36 - 40	41 - 45	46 - 50	51 - 55	56 - 60	Zaidi ya 60	Total T/Staff	PTR
Arusha	81075	8	257	2392	1352	568	269	157	86	37	0	5126	16
Dar es Salaam	130967	1	63	1347	1985	1200	586	311	166	103	4	5766	23
Dodoma	52906	4	123	1523	1168	420	173	92	69	39	0	3611	15
Geita	55040	3	146	1827	662	228	73	50	28	10	0	3027	18
Iringa	49434	34	158	1311	1017	419	149	89	57	40	1	3275	15
Kagera	70946	5	268	1981	1123	393	167	113	64	30	1	4145	17
Katavi	13722	2	34	333	183	74	21	16	15	6	0	684	20
Kigoma	41496	3	115	1146	657	248	111	45	40	28	0	2393	17
Kilimanjaro	97323	10	346	2686	1621	675	316	201	166	87	0	6108	16
Lindi	26105	15	69	894	424	145	48	30	15	5	0	1645	16
Manyara	43234	0	38	1152	966	360	133	86	50	24	0	2809	15
Mara	67992	1	188	1797	952	290	146	84	41	43	1	3543	19
Mbeya	81453	1	129	2138	1552	575	231	178	94	49	3	4950	16
Morogoro	70357	3	207	2280	1568	629	225	116	82	60	2	5172	14
Mtwara	41794	1	85	1399	685	246	71	44	29	21	0	2581	16
Mwanza	112519	34	325	2673	1834	738	289	167	86	47	2	6195	18
Njombe	32598	3	115	1364	745	268	93	70	26	17	0	2701	12
Pwani	46055	2	160	1383	1163	503	218	113	52	23	0	3617	13
Rukwa	25153	0	40	555	547	198	65	42	22	6	0	1475	15
Ruvuma	45679	3	94	1408	964	336	139	82	47	30	2	3105	17
Shinyanga	42429	0	95	1185	679	267	102	51	33	13	1	2426	17
Simiyu	41261	6	123	1113	702	204	99	43	22	9	0	2321	18
Singida	38944	0	133	1156	637	214	91	52	42	23	1	2349	17
Songwe	27033	13	52	777	523	190	64	43	19	17	1	1699	16
Tabora	49273	4	146	1503	851	280	95	51	51	24	0	3005	16
Tanga	84319	13	285	2583	1561	575	202	124	83	52	1	5479	15
Grand Total	1469107	231	5078	45234	30808	13253	5945	3544	2314	1592	287	89207	16

Secondary Education

Table 3.27: The Number of Teachers for Science and Mathematics Subjects in Government Secondary Schools by Region, 2016

REGION	Basic Mathematics			Biology			Chemistry			Physics			Agriculture			Additional Mathematics			Advanced Mathematics			Basic Applied Mathematics		
	Needed	Available	Shortage	Needed	Available	Shortage	Needed	Available	Shortage	Needed	Available	Shortage	Needed	Available	Shortage	Needed	Available	Shortage	Needed	Available	Shortage	Needed	Available	Shortage
ARUSHA	576	265	311	488	325	163	434	239	195	419	160	259	112	41	71	10	1	9	24	12	12	19	8	11
DAR ES SALAAM	772	361	411	573	395	178	464	322	142	464	227	237	2	6	-4	10	3	7	20	22	-2	15	14	1
DODOMA	462	200	262	427	239	188	408	213	195	408	136	272	17	2	15	22	2	20	8	6	2	11	9	2
GETTA	431	108	323	346	110	236	338	96	242	335	46	289	0	0	0	9	1	8	7	4	3	11	2	9
IRINGA	345	157	188	326	195	131	302	156	146	294	88	206	28	5	23	0	0	0	19	7	12	19	11	8
KAGERA	568	185	383	518	205	313	489	189	300	487	127	360	17	6	11	15	4	11	28	12	16	38	10	28
KATANI	116	46	70	99	44	55	94	38	56	89	21	68	5	0	5	9	3	6	2	1	1	2	2	0
KICOMA	385	112	273	333	126	207	328	108	220	323	62	261	4	0	4	7	2	5	11	6	5	13	4	9
KILIMANJARO	680	277	403	639	393	246	598	321	277	576	176	400	66	23	43	12	4	8	34	18	16	48	15	33
LINDI	256	48	208	233	74	159	223	65	158	217	38	179	10	1	9	2	0	2	3	1	2	3	0	3
MANIARA	361	148	213	327	199	128	317	166	151	302	90	212	193	54	139	6	1	5	0	0	0	9	4	5
MARA	553	184	369	462	186	276	438	164	274	434	105	329	3	0	3	6	0	6	13	9	4	13	4	9
MBEYA	581	273	308	498	261	237	459	197	262	435	130	305	22	6	16	9	6	3	27	13	14	26	9	17
MOROGORO	603	301	302	525	330	195	491	272	219	493	197	296	32	14	18	7	1	6	16	8	8	26	13	13
MTWARA	384	120	264	337	138	199	322	110	212	328	67	261	18	3	15	1	2	-1	15	6	9	7	2	5
MWAAZA	796	283	513	663	329	334	606	286	320	624	185	439	7	4	3	21	1	20	23	22	1	34	24	10
NIOBRE	279	110	169	265	134	131	242	106	136	232	72	160	10	9	1	15	4	11	9	8	1	13	8	5
PAKANI	388	178	210	347	208	139	328	189	139	303	107	196	33	10	23	5	0	5	24	19	5	27	21	6
RUKWA	216	80	136	202	81	121	190	73	117	188	47	141	23	5	18	5	0	5	3	3	0	4	1	3
RUVUMA	391	142	249	371	163	208	356	132	224	342	78	264	21	4	17	2	1	18	12	6	16	10	6	6
SHIRANGA	348	118	230	313	132	181	307	123	184	308	78	230	8	4	4	16	3	13	7	3	4	3	2	1
SINYU	449	114	335	414	140	274	419	131	288	413	61	352	28	7	21	3	0	3	8	5	3	9	3	6
SINGIDA	378	100	278	351	138	213	340	123	217	340	41	299	10	2	8	4	0	4	14	4	10	9	4	5
SONGWE	254	78	176	202	98	104	191	86	105	186	50	136	22	6	16	4	2	2	0	0	0	2	1	1
TABORA	412	160	252	371	165	206	359	162	197	357	102	255	15	4	11	3	1	2	16	7	9	15	7	8
TANGA	723	268	455	662	303	359	633	236	397	625	158	467	21	3	18	24	6	18	6	11	-5	12	7	5
Grand Total	11707	4416	7291	10292	5111	5181	9676	4303	5373	9522	2649	6873	727	219	508	227	48	179	355	219	136	404	195	209

There are acute shortage of teachers in Mathematics (7,291), Biology (5,181), Chemistry (5,373) and Physics (6,873) subjects as compared to other subjects. The shortage in Mathematics is highest in Mwanza region (513) while Biology is highest in Tanga region (359). In terms of Chemistry and Physics, Tanga region is experiencing the highest shortage of 397 and 467 teachers respectively. In order to reverse the trend, the ratio of 70:30 policy (70% in science and Mathematics and 30% in Arts and commercial subjects) need to be instituted in enrolment of lower secondary (Form 1 - 4) so as to have a sufficient pool of students graduating in science and mathematics subjects for A level and Technical Institutions paths.

Note

Secondary Education

Table 3.28: The Number of Teachers for Arts Subjects in Government Secondary Schools by Region, 2016

REGION	Civics			English Language			Geography			History			Kiswahili			French			General Studies			Literature in English		
	Needed	Available	Shortage	Needed	Available	Shortage	Needed	Available	Shortage	Needed	Available	Shortage	Needed	Available	Shortage	Needed	Available	Shortage	Needed	Available	Shortage	Needed	Available	Shortage
ARUSHA	344	411	-67	592	817	-225	499	791	-292	413	692	-279	452	786	-334	23	10	13	33	29	4	99	117	-18
DAKES SALAMI	392	462	-70	727	873	-146	580	779	-199	519	873	-354	560	901	-341	47	32	15	26	34	-8	150	117	33
DODOMA	343	276	67	494	507	-13	451	547	-96	419	585	-166	446	604	-158	15	7	8	17	13	4	55	42	13
GETTA	285	200	85	459	478	-19	390	516	-126	356	612	-256	394	646	-252	16	7	9	16	9	7	34	29	5
IRINGA	256	284	-28	403	514	-111	369	552	-183	322	511	-189	337	553	-216	14	7	7	124	36	88	96	79	17
KAGERA	438	298	140	627	694	-67	547	666	-119	539	726	-187	535	766	-231	65	29	36	46	24	22	110	86	24
KATANI	70	50	20	127	100	27	106	116	-10	86	103	-17	97	117	-20	2	0	8	3	5	20	5	15	5
KIGOMA	278	191	87	392	395	-3	360	383	-23	344	420	-76	361	451	-90	19	9	10	26	17	9	48	40	8
KILIMANJARO	493	489	4	784	946	-162	716	962	-246	656	924	-268	662	929	-267	14	4	10	77	62	15	142	117	25
LINDI	198	104	94	272	264	8	244	272	-28	251	330	-79	241	357	-116	4	0	4	7	6	1	46	11	35
MANYARA	283	215	68	397	383	14	366	471	-105	340	468	-128	350	484	-134	1	0	1	11	6	5	86	47	39
MARA	359	194	165	569	575	-6	507	618	-111	466	669	-203	492	663	-171	5	3	2	27	18	9	72	29	43
MBEYA	354	434	-80	637	796	-159	531	808	-277	480	824	-344	503	869	-366	19	9	10	72	31	41	117	101	16
MOROGORO	423	428	-5	655	804	-149	575	773	-198	559	831	-272	560	833	-273	8	8	0	42	24	18	63	52	11
MTWARA	272	174	98	383	391	-8	348	410	-62	305	458	-153	338	484	-146	15	4	11	15	12	3	75	48	27
MWANZA	463	349	114	772	1007	-235	690	1021	-331	580	989	-409	652	1020	-368	25	9	16	38	33	5	232	249	-17
NJMBE	212	236	-24	325	430	-105	300	478	-178	276	438	-162	277	489	-212	8	3	5	31	28	3	42	47	-5
PWANI	273	305	-32	437	556	-119	371	539	-168	344	569	-225	368	632	-264	12	7	5	44	41	3	96	95	1
RUKWA	162	129	33	228	208	20	207	237	-30	195	270	-75	213	249	-36	6	2	4	12	13	-1	59	30	29
RUWAMA	294	221	73	464	435	29	452	511	-59	420	567	-147	440	542	-102	6	5	1	29	17	12	73	39	34
SHINYANGA	265	141	124	364	363	1	326	407	-81	321	453	-132	352	451	-99	2	1	1	14	8	6	36	22	14
SHIMU	357	149	208	474	366	108	431	384	47	420	402	18	434	438	-4	4	3	1	9	6	3	25	7	18
SINGIDA	275	142	133	384	329	55	319	421	-102	312	455	-143	343	437	-94	2	0	2	20	13	7	31	13	18
SONGWE	169	159	10	269	262	7	208	294	-86	197	293	-96	208	323	-115	3	2	1	9	4	5	56	41	15
TABORA	293	259	34	458	445	13	399	476	-77	349	476	-127	391	519	-128	37	19	18	22	22	0	96	66	30
TANGA	544	457	87	789	811	-22	706	847	-141	637	872	-235	686	944	-258	18	12	6	25	18	7	93	54	39
Grand Total	8095	6757	1338	12482	13749	-1267	10998	14279	-3281	10106	14810	-4704	10692	15487	-4795	390	194	196	800	527	273	2052	1583	469

Note There are excess teachers in English (1267), Geography (3,281), History (4,704) and Kiswahili (4,795) subjects. However, Simiyu is experiencing a shortage of 108 teachers in English and 18 teachers in History subjects.

Secondary Education

Table 3.29: The Number of Teachers for Commercial Subjects in Government Secondary Schools by Region, 2016

REGION	Accounting			Book Keeping			Commerce			Economics		
	Needed	Available	Shortage	Needed	Available	Shortage	Needed	Available	Shortage	Needed	Available	Shortage
ARUSHA	4	3	1	126	55	71	126	54	72	23	19	4
DAR ES SALAAM	8	9	-1	228	93	135	220	98	122	30	37	-7
DODOMA	0	2	-2	75	40	35	70	42	28	4	6	-2
GEITA	6	8	-2	86	30	56	91	43	48	15	17	-2
IRINGA	4	3	1	23	10	13	21	18	3	20	19	1
KAGERA	0	0	0	28	18	10	33	18	15	23	18	5
KATAVI	1	1	0	12	6	6	12	5	7	3	3	0
KIGOMA	0	0	0	22	8	14	19	12	7	8	5	3
KILIMANJARO	12	5	7	117	53	64	131	76	55	45	42	3
LINDI	0	0	0	31	8	23	12	9	3	3	2	1
MANYARA	0	0	0	18	11	7	17	11	6	4	2	2
MARA	4	2	2	27	16	11	27	17	10	6	8	-2
MBEYA	0	0	0	60	32	28	59	31	28	20	19	1
MOROGORO	0	0	0	111	73	38	100	60	40	17	16	1
MTWARA	0	0	0	47	15	32	42	13	29	8	9	-1
MWANZA	12	14	-2	98	55	43	102	70	32	37	33	4
NJOMBE	0	0	0	17	7	10	18	11	7	12	14	-2
PWANI	4	4	0	41	33	8	50	32	18	16	21	-5
RUKWA	1	0	1	16	6	10	17	7	10	4	2	2
RUVUMA	0	0	0	27	16	11	30	18	12	14	13	1
SHINYANGA	0	0	0	61	22	39	61	27	34	6	3	3
SIMUYU	3	2	1	27	14	13	33	20	13	7	6	1
SINGIDA	0	0	0	31	11	20	23	14	9	10	13	-3
SONGWE	0	0	0	8	1	7	12	6	6	0	1	-1
TABORA	4	1	3	51	22	29	42	24	18	9	8	1
TANGA	8	10	-2	99	32	67	90	46	44	11	16	-5
Grand Total	71	64	7	1487	687	800	1458	782	676	355	352	3

Table 3.30(a): The Number of Teachers for Technical Subjects in Government Secondary Schools by Region, 2016

[illegible]

Secondary Education

Table 3.30(b): The Number of Teachers for Technical Subjects in Government Secondary Schools by Region, 2016

REGION	Fitting and Turning			Mechanical Drafting			Mechanical Engineering			Mechanics			Motor Vehicle Mechanics			Painting and Sign Writing			Plumbing			Radio and TV servicing			Technical Drawing			Welding and Metal Fabrication			Workshop Technology			
	N	A	S	N	A	S	N	A	S	N	A	S	N	A	S	N	A	S	N	A	S	N	A	S	N	A	S	N	A	S	N	A	S	
ARUSHA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	1	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
DAR ES SALAAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DODOMA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GEITA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
IRINGA	2	1	1	2	1	2	0	2	2	1	1	2	1	1	2	1	2	0	2	2	1	1	1	0	2	1	1	2	1	1	3	1	2	
KAGERA	0	0	0	2	-2	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	
KATAVI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KIGOMA I	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KILIMANJARO	2	0	2	1	0	1	2	0	2	2	0	2	2	0	2	2	2	1	1	1	1	0	2	1	1	4	1	3	2	1	1	2	0	2
LINDI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MANYARA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MARA	4	0	4	2	0	2	4	0	4	8	3	5	4	1	3	0	0	0	0	4	0	4	1	0	1	2	0	2	4	1	3	4	1	3
MBEYA	2	0	2	2	1	1	1	0	1	100	0	100	2	2	0	3	0	0	3	2	0	2	2	1	1	2	0	2	2	0	2	1	1	1
MOROGORO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MTWARA	3	1	2	2	0	2	0	0	0	0	0	0	5	1	4	4	0	4	3	0	0	3	1	1	0	2	1	1	3	1	2	3	0	3
MWANZA	0	0	0	0	0	12	5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NIOMBE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PWANI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RUKWA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
RUWUMA	0	0	0	4	0	0	0	0	4	5	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SHINYANGA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
SIMUYU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SINGIDA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SONGWE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TABORA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TANGA	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	2	2	0	1	1	0	1	1	0	1
Grand Total	14	3	11	13	8	5	22	6	16	116	9	107	15	5	10	24	3	21	14	3	11	9	5	4	16	5	11	14	7	7	16	5	11	

N - Needed

A - Available

S - Shortage

Secondary Education

Table 3.31: The Number of Teachers for Computer studies and Other Subjects in Government Secondary Schools by Region, 2016

REGION	Computer Studies			Food and Nutrition			Information and Computer Studies			Textile and Dress Making		
	Needed	Available	Shortage	Needed	Available	Shortage	Needed	Available	Shortage	Needed	Available	Shortage
ARUSHA	31	17	14	37	12	25	24	11	13	3	1	2
DAR ES SALAAM	22	5	17	43	28	15	26	11	15	10	4	6
DODOMA	9	1	8	26	10	16	7	4	3	2	0	2
GEITA	12	2	10	4	0	4	7	1	6	0	0	0
IRINGA	2	1	1	15	7	8	6	5	1	4	1	3
KAGERA	7	0	7	3	1	2	19	6	13	1	0	1
KATAVI	2	0	2	0	0	0	6	1	5	0	0	0
KIGOMA	2	0	2	0	0	0	8	2	6	0	0	0
KILIMANJARO	29	14	15	25	18	7	20	7	13	4	1	3
LINDI	13	1	12	4	0	4	12	5	7	0	0	0
MANYARA	15	4	11	0	1	-1	11	5	6	0	0	0
MARA	14	3	11	2	0	2	24	4	20	1	1	0
MBEYA	8	3	5	8	4	4	2	2	0	2	1	1
MOROGORO	14	4	10	13	6	7	5	6	-1	1	1	0
MTWARA	18	4	14	6	2	4	3	1	2	1	0	1
MWANZA	5	1	4	15	14	1	6	3	3	0	0	0
NJOMBE	2	0	2	3	3	0	5	1	4	0	0	0
PWANI	15	4	11	9	3	6	9	3	6	0	0	0
RUKWA	1	0	1	0	0	0	9	1	8	0	0	0
RUVUMIA	9	2	7	2	1	1	5	2	3	1	0	1
SHINYANGA	2	0	2	2	1	1	5	2	3	0	0	0
SIMUYU	8	0	8	3	1	2	9	3	6	0	0	0
SINGIDA	9	2	7	3	0	3	11	2	9	0	0	0
SONGWE	1	0	1	1	1	0	0	0	0	0	0	0
TABORA	4	0	4	5	3	2	15	4	11	1	1	0
TANGA	18	4	14	11	6	5	8	3	5	3	0	3
Grand Total	272	72	200	240	122	118	262	95	167	34	11	23

Secondary Education

Table 3.32: Number of Pit Latrine, Classrooms and Pupil Latrine/Classroom Ratios in Government and Non-Government Secondary Schools by Region and Sex, 2016

Region	Enrolment Male	Enrolment Female	Total Enrolment	Classroom	Boys Latrine Pits	Girls Latrine Pits	Total Pit Latrine	PLR BOYS	PLR GIRLS	PLR	PCR
Arusha	49112	53920	103032	2321	2262	2220	4482	22	24	23	44
Dar es Salaam	89934	94257	184191	4086	3053	3231	6284	29	29	29	45
Dodoma	29829	33080	62909	1866	1216	1409	2625	25	23	24	34
Geita	32766	24790	57556	1201	695	789	1484	47	31	39	48
Iringa	29839	33134	62973	1832	1805	1874	3679	17	18	17	34
Kagera	43150	43101	86251	2310	1907	1994	3901	23	22	22	37
Katavi	7882	6992	14874	375	309	314	623	26	22	24	40
Kigoma	32080	22793	54873	1482	1167	1199	2366	27	19	23	37
Kilimanjaro	62252	72852	135104	3792	3112	3836	6948	20	19	19	36
Lindi	14289	13104	27393	836	667	631	1298	21	21	21	33
Manyara	21225	27111	48336	1291	928	1051	1979	23	26	24	37
Mara	44235	32056	76291	1959	1477	1370	2847	30	23	27	39
Mbeya	55427	53374	108801	2819	2087	2299	4386	27	23	25	39
Morogoro	42003	44753	86756	2200	1753	1960	3713	24	23	23	39
Mtwara	22058	23578	45636	1153	896	869	1765	25	27	26	40
Mwanza	71070	64009	135079	2558	2004	2140	4144	35	30	33	53
Njombe	18115	22316	40431	1101	1031	1241	2272	18	18	18	37
Pwani	31836	32533	64369	1766	1776	1869	3645	18	17	18	36
Rukwa	16947	13029	29976	840	826	756	1582	21	17	19	36
Ruvuma	29017	28799	57816	1554	1457	1507	2964	20	19	20	37
Shinyanga	26402	23380	49782	1076	908	943	1851	29	25	27	46
Simiyu	24706	19190	43896	1127	650	687	1337	38	28	33	39
Singida	20559	22188	42747	1211	896	1015	1911	23	22	22	35
Songwe	15872	17869	33741	908	660	705	1365	24	25	25	37
Tabora	30957	26913	57870	1555	1099	1182	2281	28	23	25	37
Tanga	44334	51938	96272	2462	1720	2058	3778	26	25	25	39
Grand Total	905896	901059	1806955	45681	36361	39149	75510	25	23	24	40
Note: The PLR is high in Geita Region (1:39) followed by Mwanza Region (1:33) while Iringa Region had low PLR of 1:17. The PCR is high in Mwanza Region (1:53) followed Geita Region (1:48) while Dodoma and Iringa have low PCR of 1:34 each.											

Secondary Education

Table 3.33: Number of Pit Latrine, Classrooms and Pupil Latrine/Classroom Ratios in Government Secondary Schools by Region and Sex, 2016

Region	Enrolment Male	Enrolment Female	Total Enrolment	Classroom	Boys Pit Latrine	Girls Pit Latrine	Total Pit Latrine	P.L.R. Boys	P.L.R. Girls	PLR	PCR
Arusha	38941	42134	81075	1566	119	2209	2328	327	19	35	52
Dar es Salaam	63119	67977	131096	2152	166	2895	3061	380	23	43	61
Dodoma	25475	27431	52906	1532	37	1170	1207	689	23	44	35
Geita	31499	23541	55040	1073	10	657	667	3150	36	83	51
Iringa	23166	26268	49434	1342	16	1782	1798	1448	15	27	37
Kagera	35692	35254	70946	1839	65	1855	1920	549	19	37	39
Katavi	7238	6484	13722	330	1	307	308	7238	21	45	42
Kigoma	25104	16392	41496	1061	17	1131	1148	1477	14	36	39
Kilimanjaro	44630	52693	97323	2627	73	3019	3092	611	17	31	37
Lindi	13464	12641	26105	783	3	632	635	4488	20	41	33
Manyara	18622	24612	43234	1141	34	897	931	548	27	46	38
Mara	40042	27950	67992	1689	27	1420	1447	1483	20	47	40
Mbeya	41766	39687	81453	2096	59	2035	2094	708	20	39	39
Morogoro	33779	36578	70357	1710	22	1671	1693	1535	22	42	41
Mtwara	19945	21849	41794	1072	2	878	880	9973	25	47	39
Mwanza	60347	52172	112519	1912	56	1968	2024	1078	27	56	59
Njombe	14680	17918	32598	802	31	1000	1031	474	18	32	41
Pwani	23039	23369	46408	1160	39	1763	1802	591	13	26	40
Rukwa	14436	10717	25153	682	4	818	822	3609	13	31	37
Ruvuma	23161	22518	45679	1163	25	1421	1446	926	16	32	39
Shinyanga	22694	19735	42429	903	43	875	918	528	23	46	47
Simiyu	23175	18086	41261	1025	9	645	654	2575	28	63	40
Singida	19093	19851	38944	1091	12	853	865	1891	23	45	36
Songwe	12668	14365	27033	704	10	656	666	1267	22	41	38
Tabora	26669	22604	49273	1279	19	1041	1060	1404	22	46	39
Tanga	39159	45160	84319	2089	25	1668	1693	1566	27	50	40
Grand Total	741603	727986	1469589	34823	924	35266	36190	803	21	41	42

Secondary Education

Table 3.34: Number of Government and Non Government Secondary School with Electric Power by Type, 2016

Region	National Grid	Generator	Solar	Biogas	Wind	Other	No Source
Arusha	170	52	69	6	4	8	14
Dar es Salaam	289	45	17	6	5	6	5
Dodoma	93	4	56	2	0	9	53
Geita	24	17	45	1	0	7	13
Iringa	88	29	61	1	2	3	6
Kagera	133	22	80	3	0	12	16
Katawi	0	15	25	0	0	0	3
Kigoma	22	47	99	0	0	3	27
Kilimanjaro	279	42	64	3	1	0	11
Lindi	28	1	70	1	0	4	22
Manyara	57	13	64	1	0	5	11
Mara	89	13	50	0	1	3	30
Mbeya	127	34	38	0	0	2	23
Morogoro	115	25	39	0	5	1	44
Mtwara	39	3	55	0	0	5	40
Mwanza	142	25	75	5	0	3	10
Njombe	50	24	55	3	2	13	3
Pwani	86	36	69	4	0	4	19
Rukwa	21	21	43	0	0	1	11
Ruvuma	12	53	108	2	0	4	10
Shinyanga	45	9	42	5	0	10	11
Simiyu	48	7	58	0	0	0	34
Singida	59	3	93	0	0	0	8
Songwe	35	9	38	0	0	4	11
Tabora	60	7	66	0	0	4	34
Tanga	135	11	75	2	0	3	51
Grand Total	2246	567	1554	45	20	114	520

Secondary Education

Table 3.35: Number of Furniture in Government and Non-Government Secondary School and Desk Pupil Ratio by Region, 2016

Region	Total Enrolment	Total Teachers	Pupils Chair	Pupils tables	Teachers Chairs	Teachers Tables	PDR	PDR(!)	TDR	TDR(!)
Arusha	103032	6485	100270	99906	4766	4296	1	1	1	2
Dar es Salaam	184191	9325	167521	160266	7940	7905	1	1	1	1
Dodoma	62909	4114	63091	61286	2726	2339	1	1	2	2
Geita	57556	3237	40521	41202	1845	1281	1	1	2	3
Iringa	62973	4073	67578	69430	3114	3153	1	1	1	1
Kagera	86251	5009	81851	80942	3943	3293	1	1	1	2
Katavi	14874	745	11946	12586	619	550	1	1	1	1
Kigoma	54873	3136	53959	54403	2551	1755	1	1	1	2
Kilimanjaro	135104	8137	137958	136975	6996	5843	1	1	1	1
Lindi	27393	1725	23014	23507	1107	896	1	1	2	2
Manyara	48336	3051	46046	46562	2401	1864	1	1	1	2
Mara	76291	4067	74432	75366	3141	2320	1	1	1	2
Mbeya	108801	6128	100823	103418	4345	3975	1	1	1	2
Morogoro	86756	6110	80074	84886	3684	3002	1	1	2	2
Mtwara	45636	2739	34064	35602	1501	1265	1	1	2	2
Mwanza	135079	7556	118370	116478	5050	3732	1	1	1	2
Njombe	40431	3155	42714	43838	2472	2073	1	1	1	2
Pwani	64369	4734	104213	62727	3067	2728	1	1	2	2
Rukwa	29976	1767	24108	25125	1317	1013	1	1	1	2
Ruvuma	57816	3749	47671	50485	2762	2406	1	1	1	2
Shinyanga	49782	2864	41695	42114	1955	1526	1	1	1	2
Simiyu	43896	2470	38852	39186	1254	1036	1	1	2	2
Singida	42747	2599	37013	37012	1783	1680	1	1	1	2
Songwe	33741	2033	36074	35892	1231	1191	1	1	2	2
Tabora	57870	3428	52665	52874	2986	2535	1	1	1	1
Tanga	96272	6160	87476	87316	3795	3168	1	1	2	2
Grand Total	1806955	108596	1713999	1679384	78351	62529	1	1	1	2

Secondary Education

Table 3.36: Number of ICT Equipment Available in Government and Non-Government Secondary Schools by Region, 2016

Region	Deck/DVD	Desktop Computers	Laptop Computers	Photocopier	Printer	Projector	Radio	Smart Phone/ Tablets	TV
Arusha	361	5809	2251	541	776	473	188	545	556
Dar Es Salaam	392	10362	2340	902	1429	641	311	329	666
Dodoma	58	1595	241	157	227	86	58	514	188
Geita	60	823	67	104	117	42	24	12	87
Iringa	120	2074	801	238	459	145	75	979	283
Kagera	139	2469	737	248	342	88	72	370	331
Katavi	17	445	48	40	66	20	13	600	68
Kigoma	108	1721	415	265	347	98	69	101	199
Kilimanjaro	345	8686	1277	671	995	253	154	837	650
Lindi	35	1367	379	64	111	302	32	61	88
Manyara	80	1160	165	142	209	61	37	140	193
Mara	106	2012	461	207	258	92	22	16	175
Morogoro	113	2698	422	355	514	108	68	100	272
Mbeya	105	2616	395	351	375	117	41	26	252
Mtwara	54	594	224	106	145	82	41	105	86
Mwanza	178	3431	671	346	459	203	72	848	328
Njombe	97	1570	301	188	298	116	27	56	204
Pwani	136	3411	355	275	443	124	72	521	243
Ruvuma	64	541	267	60	121	29	10	1	125
Rukwa	81	1687	372	139	258	46	53	186	204
Shinyanga	48	675	136	110	95	60	18	54	84
Simiyu	19	323	34	48	82	12	10	0	39
Singida	44	599	238	91	131	65	48	6	92
Songwe	48	633	92	88	95	20	12	39	68
Tabora	64	1160	258	141	163	78	60	301	154
Tanga	111	1990	372	203	356	149	124	98	317
Grand Total	2983	60451	13319	6080	8871	3510	1711	6845	5952

4.0 ADULT AND NON FORMAL EDUCATION

Non Formal Education refers to provision of education to out of the formal schooling education system.

Adult Education caters for people aged 18+. 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

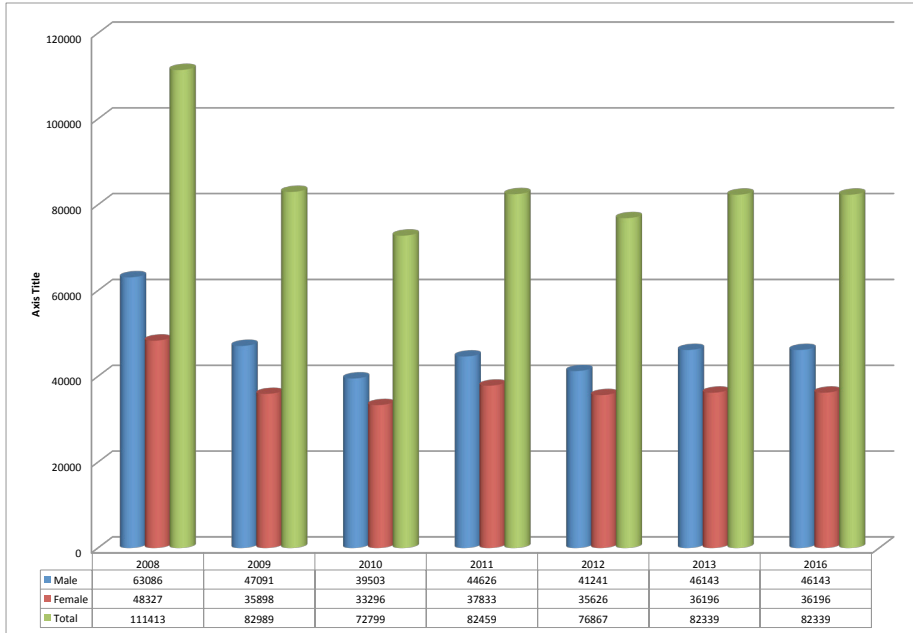
Table 4.1: Number of COBET Learners by Region and Sex, 2016

Region	COBET learners COHORT I (11 TO 13 YEARS)			COBET learners COHORT II (14 TO 17 YEARS)			COBET learners COHORT III (11 TO 18 YEARS)			GPI
	M	F	T	M	F	T	M	F	T	
Arusha	1428	1239	2667	318	278	596	1746	1517	3263	0.87
Dar es Salaam	1844	1490	3334	464	342	806	2308	1832	4140	0.79
Dodoma	988	810	1798	208	201	409	1196	1011	2207	0.85
Geita	5064	3668	8732	368	248	616	5432	3916	9348	0.72
Iringa	147	105	252	20	22	42	167	127	294	0.76
Kagera	3239	2709	5948	806	580	1386	4045	3289	7334	0.81
Katavi	880	767	1647	376	311	687	1256	1078	2334	0.86
Kigoma	2449	2041	4490	634	442	1076	3083	2483	5566	0.81
Kilimanjaro	393	282	675	138	133	271	531	415	946	0.78
Lindi	650	506	1156	217	104	321	867	610	1477	0.70
Manyara	956	661	1617	122	125	247	1078	786	1864	0.73
Mara	1179	855	2034	183	136	319	1362	991	2353	0.73
Mbeya	866	711	1577	207	167	374	1073	878	1951	0.82
Morogoro	2580	2223	4803	456	400	856	3036	2623	5659	0.86
Mtwara	1520	885	2405	544	374	918	2064	1259	3323	0.61
Mwanza	2001	1482	3483	559	424	983	2560	1906	4466	0.74
Njombe	176	115	291	25	20	45	201	135	336	0.67
Pwani	1088	752	1840	104	74	178	1192	826	2018	0.69
Rukwa	1702	1670	3372	160	120	280	1862	1790	3652	0.96
Ruvuma	1353	977	2330	107	90	197	1460	1067	2527	0.73
Shinyanga	1161	1047	2208	187	191	378	1348	1238	2586	0.92
Simiyu	542	334	876	74	37	111	616	371	987	0.60
Singida	2039	1424	3463	135	124	259	2174	1548	3722	0.71
Songwe	563	455	1018	38	34	72	601	489	1090	0.81
Tabora	2436	2113	4549	439	315	754	2875	2428	5303	0.84
Tanga	1691	1236	2927	319	347	666	2010	1583	3593	0.79
Grand Total	38935	30557	69492	7208	5639	12847	46143	36196	82339	0.78

Note: There is a considerable variation among regions on the number of registered COBET learners where Geita Region is leading (9,348), while Iringa Region has the lowest enrolment (294). The region with highest participation of female learners is Rukwa Region (GPI of 0.96), followed by Shinyanga Region (GPI of 0.92), while Simiyu Region recorded the lowest GPI (0.60).

Adult and Non-Formal Education

Chart 4.1: Number of COBET Learners by Sex 2010 - 2016



Note: There is a slightly decrease in enrolment of COBET learners for the three consecutive years.

Adult and Non-Formal Education

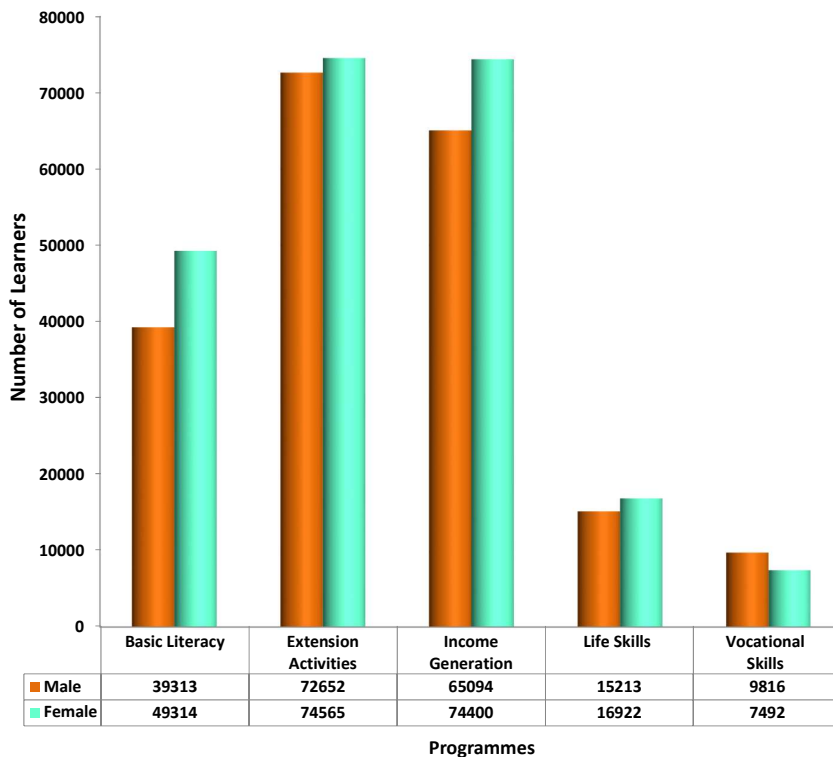
Table 4.2: Enrolment Trend of COBET Learners by Region and Sex, 2011 - 2016

REGION	2011			2012			2013			2016		
	M	F	T	M	F	T	M	F	T	M	F	T
Arusha	1178	1098	2276	1004	713	1717	796	622	1418	1746	1517	3263
Dar es Salaam	1135	993	2128	1056	987	2043	1085	968	2053	2308	1832	4140
Dodoma	1661	1415	3076	1417	1156	2573	1240	1102	2342	1196	1011	2207
Geita	2169	1874	4043	1795	1878	3673	3245	2549	5794	5432	3916	9348
Iringa	140	122	262	1004	648	1652	291	272	563	167	127	294
Kagera	2726	2230	4956	3699	2699	6398	2414	2059	4473	4045	3289	7334
Katawi	1938	1741	3679	1982	2049	4031	1897	1897	3794	1256	1078	2334
Kigoma	2904	2708	5612	11747	10846	22593	4810	4453	9263	3083	2483	5566
Kilimanjaro	690	571	1261	612	449	1061	584	415	999	531	415	946
Lindi	1997	1533	3530	2175	1801	3976	491	291	782	867	610	1477
Manyara	695	582	1277	521	500	1021	487	462	949	1078	786	1864
Mara	1555	1383	2938	162	135	297	380	334	714	1362	991	2353
Mbeya	2169	1614	3783	988	824	1812	802	780	1582	1073	878	1951
Morogoro	1576	1454	3030	1633	1361	2994	1214	1147	2361	3036	2623	5659
Mtwara	2497	2242	4739	1321	1099	2420	927	692	1619	2064	1259	3323
Mwanza	3875	2670	6545	1076	882	1958	962	838	1800	2560	1906	4466
Njombe	274	265	539	259	214	473	46	51	97	201	135	336
Pwani	751	626	1377	425	317	742	439	415	854	1192	826	2018
Rukwa	4383	4085	8468	900	780	1680	460	512	972	1862	1790	3652
Ruvuma	939	867	1806	635	520	1155	94	107	201	1460	1067	2527
Shinyanga	1239	1563	2802	504	673	1177	400	397	797	1348	1238	2586
Simiyu	591	462	1053	421	261	682	722	560	1282	616	371	987
Singida	633	477	1110	298	261	559	255	182	437	2174	1548	3722
Songwe										601	489	1090
Tabora	5182	3836	9018	4591	3734	8325	3976	3434	7410	2875	2428	5303
Tanga	1442	1210	2652	1016	839	1855	819	654	1473	2010	1583	3593
Grand Total	44339	37621	81960	41241	35626	76867	28836	25193	54029	46143	36196	82339

NOTE: The enrolment of COBET Learners increased by 52% from 54,029 in year 2013 to 82,339 in year 2016.

Adult and Non-Formal Education

Chart 4.2: Enrolment in ICBAE Post and Functional Literacy by Type of Programme, Sex and Region, 2016



Adult and Non-Formal Education

Table 4.3: Learner Facilitator Ratio (LFR) in COBET by Sex and Region, 2016

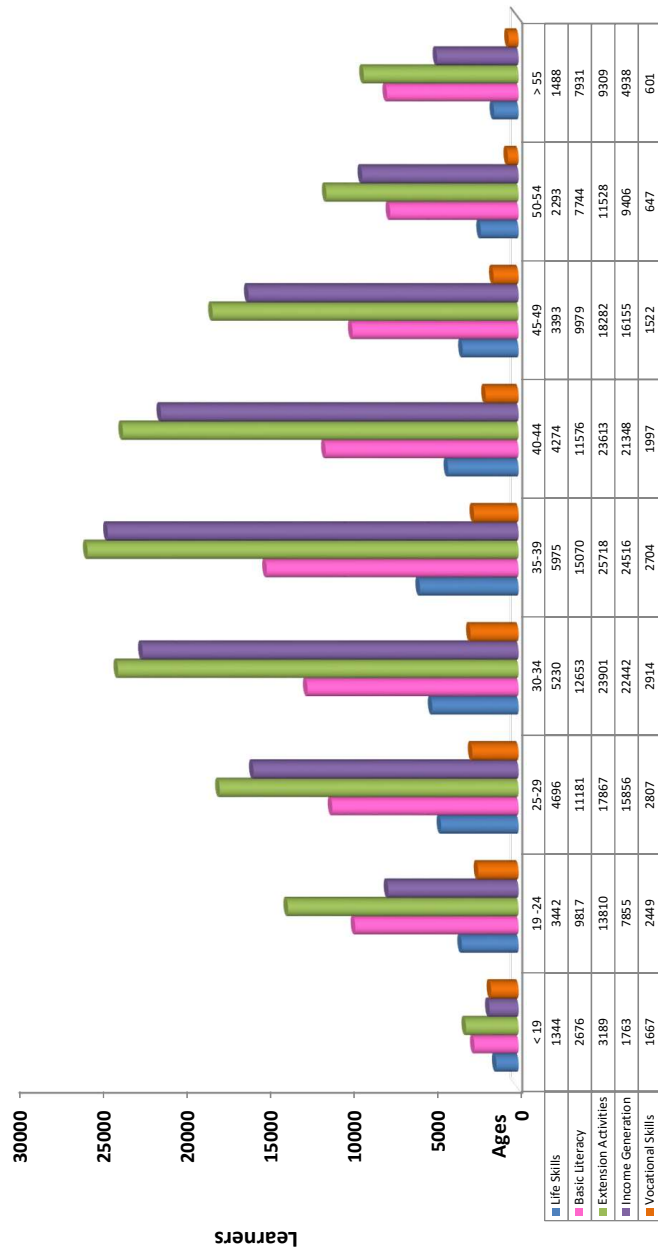
Region	COBET Learners			Qualification of Facilitators																		
				FORM 4			FORM 6			GRADE A			Others*			Total			LFR			
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T				
Arusha	1746	1517	3263	32	41	73	1	1	2	8	18	26	3	2	5	44	62	106	31			
Dar es Salaam	2308	1832	4140	19	32	51	3	0	3	8	28	36	6	11	17	36	71	107	39			
Dodoma	1196	1011	2207	17	18	35	0	0	0	3	2	5	1	3	4	21	23	44	50			
Geita	5432	3916	9348	144	54	198	1	0	1	111	25	136	16	4	20	272	83	355	26			
Iringa	167	127	294	3	9	12	0	0	0	0	0	0	0	1	1	3	10	13	23			
Kagera	4045	3289	7334	90	33	123	3	1	4	27	13	40	23	8	31	143	55	198	37			
Katavi	1256	1078	2334	7	5	12	0	0	0	8	7	15	2	0	2	17	12	29	80			
Kigoma	3083	2483	5566	48	25	73	4	0	4	51	9	60	10	5	15	113	39	152	37			
Kilimanjaro	531	415	946	12	33	45	1	0	1	3	3	6	1	4	5	17	40	57	17			
Lindi	867	610	1477	10	4	14	0	0	0	3	0	3	4	3	7	17	7	24	62			
Manyara	1078	786	1864	28	21	49	1	0	1	17	12	29	5	4	9	51	37	88	21			
Mara	1362	991	2353	30	23	53	1	0	1	13	9	22	3	4	7	47	36	83	28			
Mbeya	1073	878	1951	25	16	41	0	0	0	14	13	27	5	3	8	44	32	76	26			
Morogoro	3036	2623	5659	48	26	74	5	1	6	2	8	10	7	3	10	62	38	100	57			
Mtwara	2064	1259	3323	60	21	81	1	0	1	26	5	31	12	2	14	99	28	127	26			
Mwanza	2560	1906	4466	41	27	68	0	0	0	14	6	20	0	3	3	55	36	91	49			
Njombe	201	135	336	3	3	6	0	0	0	4	0	4	2	1	3	9	4	13	26			
Pwani	1192	826	2018	23	27	50	1	0	1	7	5	12	3	3	6	34	35	69	29			
Rukwa	1862	1790	3652	35	14	49	2	1	3	24	9	33	3	0	3	64	24	88	42			
Ruvuma	1460	1067	2527	34	22	56	0	1	1	18	10	28	14	10	24	66	43	109	23			
Shinyanga	1348	1238	2586	55	35	90	0	3	3	12	8	20	3	20	23	70	66	136	19			
Simiyu	616	371	987	13	10	23	0	0	0	10	3	13	4	2	6	27	15	42	24			
Singida	2174	1548	3722	40	19	59	0	1	1	24	20	44	9	1	10	73	41	114	33			
Songwe	601	489	1090	6	7	13	2	0	2	3	0	3	6	1	7	17	8	25	44			
Tabora	2875	2428	5303	84	57	141	1	0	1	45	22	67	20	1	21	150	80	230	23			
Tanga	2010	1583	3593	32	35	67	1	0	1	16	16	32	8	9	17	57	60	117	31			
Grand Total	46143	36196	82339	939	617	1556	28	9	37	471	251	722	170	108	278	1608	985	2593	32			
% of total facilitators				36.2	23.8	60.0	1.1	0.3	1.4	18.2	9.7	27.8	6.6	4.2	10.7	62.0	38.0	100				

Note: Others* include facilitators with below Form 4 academic qualification, Grade B/C Certificates, Diploma, Degree and Retired Teachers.

About 60.0% of COBET facilitators are Form Four leavers.

Adult and Non-Formal Education

Chart 4.3: Enrolment in ICBAE Post and Functional Literacy by Type of Programme, Age Groups, Sex and Region, 2016



Adult and Non-Formal Education

Table 4.4: Enrolment in ICBAE Functional Literacy by Sex, Type of Programme and Region, 2016

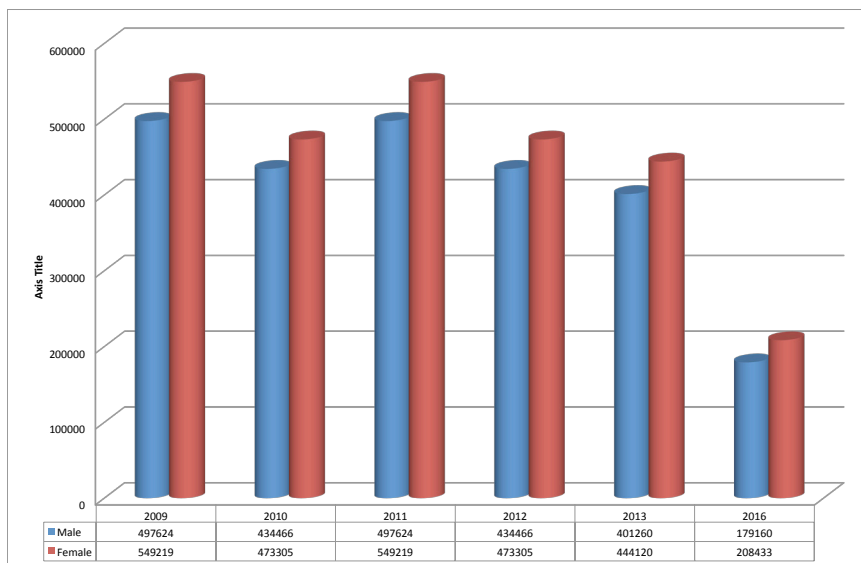
Region	Basic Literacy			Extension Activities			Income Generation			Life Skills			Grand Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Arusha	608	1011	1619	1829	1160	2989	1510	3136	4646	101	203	304	2888	5510	8398
Dar es Salaam	119	323	442	40	37	77	72	98	170	10	29	39	241	487	728
Dodoma	1921	2011	3932	3285	3312	6597	1731	2639	4370	751	779	1530	7688	8741	16429
Gedarema	773	725	1498	990	1107	2097	751	720	1471	158	141	299	2672	2693	5365
Ingua	528	746	1274	1522	1496	3018	1027	1927	2954	43	18	61	3120	4187	7307
Kagera	1213	1406	2619	187	226	413	207	211	418	82	94	176	1689	1937	3626
Katavi	889	1054	1943	903	800	1703	13	13	26	0	0	0	1805	1867	3672
Kigoma	555	759	1314	219	270	489	120	123	243	143	182	325	1037	1334	2371
Kilimanjaro	147	222	369	147	202	349	127	251	378	0	0	0	421	675	1096
Lindi	2115	2684	4799	760	660	1420	1311	1530	2841	35	55	90	4221	4929	9150
Manyara	285	213	498	755	562	1317	840	1042	1882	611	661	1272	2491	2478	4969
Mara	218	283	501	437	419	856	480	958	1438	83	80	163	1218	1740	2958
Mbeya	805	822	1627	2910	2900	5810	2197	2450	4647	1742	1819	3561	7654	7991	15645
Morogoro	1329	1787	3116	1124	1292	2416	774	926	1700	119	123	242	3346	4128	7474
Mtwara	4829	5948	10777	789	779	1568	1222	1459	2681	1098	1311	2409	7938	9497	17435
Mwanza	670	977	1647	762	854	1616	1742	2190	3932	80	95	175	3254	4116	7370
Njombe	159	166	325	600	703	1303	574	560	1134	158	128	286	1491	1557	3048
Pwani	961	1367	2328	950	1086	2036	588	837	1425	114	155	269	2613	3445	6058
Rukwa	1385	1855	3240	266	466	732	42	35	77	0	0	0	1693	2356	4049
Ruvuma	6377	9613	15990	1874	1994	3868	1026	1335	2361	287	390	677	9564	13332	22896
Shinyanga	436	692	1128	304	318	622	93	85	178	54	92	146	887	1187	2074
Simiyu	225	251	476	407	415	822	972	1120	2092	67	30	97	1671	1816	3487
Singida	2146	2272	4418	3565	3335	6900	2520	3345	5865	654	673	1327	8885	9625	18510
Songwe	2397	3257	5654	926	1123	2049	1024	1614	2638	66	67	133	4413	6061	10474
Tabora	5971	6165	12136	3508	3403	6911	1030	1485	2515	131	153	284	10640	11206	21846
Tanga	958	1358	2316	1205	1161	2366	746	1095	1841	187	197	384	3096	3811	6907
Grand Total	38019	47967	85986	29104	30080	59184	27339	31184	53923	6774	7475	14249	96636	116706	213342
% Enrolment	39.3	41.1	40.3	30.1	25.8	27.7	23.5	26.7	25.3	7.0	6.4	6.7	45.3	54.7	100

Note 1: Functional Literacy = Kisumu Chenye Manufaa (KCM).

Note 2: Enrolment of ICBAE Functional Literacy is highly focused on Basic Literacy (39.7%).

Adult and Non-Formal Education

Chart 4.4: Trend of Enrolment in ICBAE by Sex, 2010 - 2016



Adult and Non-Formal Education

Table 4.5: Enrolment in ICBAE Post Literacy by Sex, Type of Programme and Region, 2016

Region	Extension Activities			Income Generation			Vocational Skills			Life Skills			Grand Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Arusha	1123	1431	2554	2928	5665	8593	412	737	1149	387	243	630	4850	8076	12926
Dar es Salaam	45	66	111	76	144	220	67	85	152	0	0	0	188	295	483
Dodoma	3516	3352	6868	2157	2799	4956	955	734	1689	847	824	1671	7475	7709	15184
Geita	696	441	1137	540	394	934	300	156	456	199	149	348	1735	1140	2875
Iringa	1587	2001	3588	1090	1787	2877	422	553	975	295	369	664	3394	4710	8104
Kagera	124	136	260	163	215	378	92	96	188	112	115	227	491	562	1053
Katavi	434	531	965	80	97	177	50	54	104	55	134	189	619	816	1435
Kigoma	509	683	1192	220	362	582	100	73	173	120	208	328	949	1326	2275
Kilimanjaro	312	389	701	206	388	594	498	206	704	9	11	20	1025	994	2019
Lindi	2518	2702	5220	2007	2733	4740	138	129	267	158	175	333	4821	5739	10560
Manyara	378	344	722	1171	1569	2740	365	271	636	363	376	739	2277	2560	4837
Mara	801	785	1586	1178	1231	2409	200	124	324	124	585	709	2303	2725	5028
Mbeya	2996	2566	5562	2269	2836	5105	1460	1046	2506	1762	1464	3226	8487	7912	16399
Morogoro	954	1019	1973	718	960	1678	129	112	241	40	35	75	1841	2126	3967
Mtwara	1004	1128	2132	990	1361	2351	202	120	322	227	206	433	2423	2815	5238
Mwanza	983	1023	2006	1189	1534	2723	434	543	977	109	148	257	2715	3248	5963
Njombe	1111	1307	2418	626	816	1442	232	111	343	111	83	194	2080	2317	4397
Pwani	789	788	1577	889	1143	2032	334	217	551	156	156	312	2168	2304	4472
Rukwa	564	566	1130	18	30	48	148	57	205	26	40	66	756	693	1449
Ruvuma	4916	4631	9547	1487	1643	3130	495	249	744	124	226	350	7022	6749	13771
Shinyanga	172	224	396	78	81	159	101	42	143	26	20	46	377	367	744
Simiyu	283	300	583	769	838	1607	115	71	186	57	50	107	1224	1259	2483
Singida	5058	4760	9818	3418	4211	7629	1300	860	2160	798	1130	1928	10574	10961	21535
Songwe	544	904	1448	860	1429	2289	54	33	87	62	83	145	1520	2449	3969
Tabora	5598	5420	11018	992	1513	2505	705	455	1160	1111	1183	2294	8406	8571	16977
Tanga	1033	1103	2136	1162	1657	2819	401	298	699	208	246	454	2804	3304	6108
Grand Total	38048	38600	76648	27281	37436	64717	9709	7432	17141	7486	8259	15745	8254	91727	174251
% Enrolment	46.1	42.1	44.0	33.1	40.8	37.1	11.8	8.1	9.8	9.1	9.0	9.0	47.4	52.6	100.0

Note 1: Post Literacy = Ksomo Cha Kujijendeleza (KCK)

2: The ICBAE Post Literacy focuses on both Extension Activities and Income Generation (44.0%).

Adult and Non-Formal Education

Table 4.6: Enrolment in ICBAE Post and Functional Literacy by Type of Programme, Sex and Region, 2016

Region	Basic Literacy			Extension Activities			Income Generation			Life Skills			Vocational Skills			Grant Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Arusha	608	1011	1619	1792	2591	4383	4438	8801	13239	488	446	934	412	737	1149	7738	13586	21324
Dar es Salaam	119	323	442	85	103	188	148	242	390	10	29	39	67	85	152	429	782	1211
Dodoma	1921	2011	3932	6801	6664	13465	3888	5438	9326	1598	1603	3201	955	734	1689	15163	16450	31613
Gella	773	725	1498	1686	1548	3234	1291	1114	2405	357	290	647	300	156	456	4407	3833	8240
Iringa	528	746	1274	3109	3497	6606	2117	3714	5831	338	387	725	422	553	975	6514	8897	15411
Kagera	1213	1406	2619	311	362	673	370	426	796	194	209	403	92	96	188	2180	2499	4679
Katavi	889	1054	1943	1337	1331	2668	93	110	203	55	134	189	50	54	104	2424	2883	5107
Kigoma	555	759	1314	728	953	1681	340	485	825	263	390	653	100	73	173	1986	2660	4646
Kilimanjaro	147	222	369	459	591	1050	333	639	972	9	11	20	498	206	704	1446	1669	3115
Lindi	2115	2684	4799	3278	3362	6640	3318	4263	7581	193	230	423	138	129	267	9042	10668	19710
Manyara	285	213	498	1133	906	2039	2011	2611	4622	974	1037	2011	365	271	636	4768	5038	9806
Mara	218	283	501	1238	1204	2442	1658	2189	3847	207	665	872	200	124	324	3521	4465	7986
Mbeya	805	822	1627	5906	5466	11372	4466	5286	9752	3504	3283	6787	1460	1046	2506	16141	15903	32044
Morogoro	1329	1787	3116	2078	2311	4389	1492	1886	3378	159	158	317	129	112	241	5187	6254	11441
Mtwara	4829	5948	10777	1793	1907	3700	2212	2820	5032	1325	1517	2842	202	120	322	10361	12312	22673
Mwanza	670	977	1647	1745	1877	3622	2931	3724	6655	189	243	432	434	543	977	5969	7364	13333
Njombe	159	166	325	1711	2010	3721	1200	1376	2576	269	211	480	232	111	343	3571	3874	7445
Pwani	961	1367	2328	1739	1874	3613	1477	1980	3457	270	311	581	334	217	551	4781	5749	10530
Rukwa	1385	1855	3240	830	1032	1862	60	65	125	26	40	66	148	57	205	2449	3049	5498
Ruvuma	6377	9613	15990	6790	6625	13415	2513	2978	5491	411	616	1027	495	249	744	16586	20081	36667
Shinyanga	436	692	1128	476	542	1018	171	166	337	80	112	192	101	42	143	1264	1554	2818
Simiyu	225	251	476	690	715	1405	1741	1958	3699	124	80	204	115	71	186	2895	3075	5970
Singida	2146	2272	4418	8623	8095	16718	5938	7556	13494	1452	1803	3255	1300	860	2160	19459	20586	40045
Songwe	2397	3257	5654	1470	2027	3497	1884	3043	4927	128	150	278	54	33	87	5933	8510	14443
Tabora	5971	6165	12136	9106	8823	17929	2022	2998	5020	1242	1336	2578	705	455	1160	19046	19777	38823
Tanga	958	1358	2316	2238	2264	4502	1908	2752	4660	395	443	838	401	298	699	5900	7115	13015
Grand Total	38019	47967	85986	67152	68680	135832	50020	68620	118640	14260	15734	29994	9709	7432	17141	179160	208433	387593
Percentage	21.2	23.0	22.2	37.5	33.0	35.0	27.9	32.9	30.6	8.0	7.5	7.7	5.4	3.6	4.4	46.2	100.0	100.0

Note: Out of 387 593 ICBAE learners, 85,986 (37.5%) are involved in the Extension Activities while the least ICBAE learners are involved in Vocational Skills 17,141 (4.4%).

Adult and Non-Formal Education

Table 4.7: Enrolment in ICBAE Post and Functional Literacy by Type of Programme, Age Groups, Sex and Region, 2016

Years	Life Skills		Basic Literacy		Extension Activities		Income Generation		Vocational Skills		Total	
	F	T	F	T	F	T	F	T	F	T	F	T
< 19	707	1244	1349	2501	1446	2880	789	1631	635	1668	4926	9924
19-24	1598	3267	4880	9086	6253	12593	4116	7436	1170	2428	18017	34810
25-29	2085	4435	6001	10731	8437	16556	8517	15192	1174	2745	26214	49659
30-34	2809	4917	7139	12436	11220	21931	12449	21411	1226	2901	34843	63596
35-39	3019	5690	8257	15093	12021	23586	13747	23225	1199	2686	38243	70280
40-44	2165	4027	6222	11414	11095	22086	11770	20319	840	1971	32092	59817
45-49	1719	3237	5490	9743	8340	16788	9142	15510	640	1508	25331	46786
50-54	947	1842	4225	7432	5538	10665	5348	9109	266	640	16324	29688
> 55	685	1335	4404	7550	4330	8747	2742	4807	282	594	12443	23033
Total	15734	29994	47967	85986	68680	135832	68620	118640	7432	17141	208433	387593
% of Female	52.5		55.8		50.6		57.8		43.4		53.8	

NOTE: Participation of female in Post and Functional Literacy programme is higher than male which accounting for 53.8% of total enrolment. The majority of learners in that programmes aged from 30 to 44 years old.

Adult and Non-Formal Education

Table 4.8: Enrolment in ICBAE Post and Functional Literacy by Sex, Region, 2010 - 2016

Region	2010			2011			2012			2013			2016		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Arusha	12507	14013	26520	11607	12290	23897	12790	17170	29960	15388	19003	34391	7738	13586	21324
Dar es Salaam	281	325	606	957	1647	2604	537	821	1358	559	681	1240	429	782	1211
Dodoma	46247	46917	93164	61168	74958	136126	77818	79979	15797	60496	58760	119256	15163	16450	31613
Geda	18553	15780	34333	11375	10207	21582	19008	18120	37128	16660	14323	30983	4407	3833	8240
Iringa	12646	15627	28273	21260	24567	45827	11910	14813	26723	17738	23118	40856	6514	8897	15411
Kagera	7407	8052	15459	10238	9393	19631	19031	18804	37835	16691	16726	33417	2180	2499	4679
Katavi	4797	5478	10275	6860	7500	14360	4549	5133	9682	3988	4285	8273	2424	2683	5107
Kigoma	22200	22343	44543	19852	21903	41755	5584	6798	12382	1551	3158	4709	1986	2660	4646
Kilimanjaro	12208	15023	27231	10268	14921	25189	10939	15724	26663	13801	17000	30801	1446	1669	3115
Lindi	7338	8095	15433	9557	9762	19319	14751	16575	31326	10488	11221	21709	9042	10668	19710
Manyara	6337	7233	13570	6913	8341	15254	7149	7393	14542	5479	6523	12002	4768	5038	9806
Mara	17550	17635	35185	15205	15969	31174	3487	3565	7052	9939	9793	19732	3521	4465	7986
Mbeya	42512	47177	89689	33165	36295	69460	30406	32801	63207	14117	15978	30095	16141	15903	32044
Morogoro	7039	8345	15384	16700	18062	34762	10779	13737	24516	15626	16709	32335	5187	6254	11441
Mtwara	20222	20475	40697	24363	24739	49102	16639	20393	37032	14228	14495	28723	10361	12312	22673
Mwanza	17923	17783	35706	16539	17784	34323	21193	21319	42512	10790	10926	21716	5969	7364	13333
Njombe	18323	22531	40854	15969	18323	34292	15961	17874	33835	15027	15318	30345	3571	3874	7445
Pwani	21592	21541	43133	44411	46605	91016	17745	20091	37836	12597	13474	26071	4781	5749	10530
Rukwa	3355	3754	7109	22679	32818	55497	7346	9858	17204	1437	2222	3659	2449	3049	5498
Ruvuma	45222	42780	88002	26682	26990	53672	34643	37481	72124	24667	26675	51342	16586	20081	36667
Shinyanga	23473	23642	47115	12469	13360	25829	13551	13761	27312	24939	27971	52910	1264	1554	2818
Simiyu	26485	29031	55516	21516	23625	45141	18903	20777	39680	24514	28437	52951	2895	3075	5970
Singida	23627	24154	47781	33629	33628	67257	15331	14661	29992	26751	23511	50262	19459	20586	40045
Songwe													5933	8510	14443
Tabora	18339	17614	35953	26655	26668	53323	23823	22615	46438	15328	15323	30651	19046	19777	38823
Tanga	14311	17431	31742	17587	18864	36451	20593	23042	43635	28461	48490	76951	5900	7115	13015
Grand Total	450494	472779	923273	497624	549219	1046843	434466	473305	907771	401260	444120	845380	179160	208433	387593

Note: The trend show a decrease in enrolment from 923,273 ICBAE learners in 2010 to 387,593 in 2016.

Adult and Non-Formal Education

Table 4.9a: Number of ICBAE Facilitators by Region, Qualification and Sex, 2016

Region	Diploma			Grade A			Extension Officers			Others			Grand Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Arusha	58	52	110	114	134	248	58	35	93	78	67	145	308	288	596
Dar es Salaam	3	4	7	20	39	59	0	0	0	6	8	14	29	51	80
Dodoma	98	48	146	246	196	442	110	45	155	73	50	123	527	339	866
Geita	39	19	58	173	105	278	28	5	33	28	10	38	268	139	407
Iringa	13	8	21	37	21	58	25	15	40	11	6	17	86	50	136
Kagera	35	32	67	26	18	44	35	35	70	10	6	16	106	91	197
Kelavi	5	3	8	50	27	77	0	0	0	7	1	8	62	31	93
Kigoma	20	12	32	36	16	52	6	5	11	18	11	29	80	44	124
Kilimanjaro	28	22	50	67	55	122	17	14	31	16	7	23	128	98	226
Lindi	88	43	131	130	54	184	51	22	73	63	36	99	332	155	487
Manyara	57	26	83	45	19	64	7	4	11	68	52	120	177	101	278
Mara	54	18	72	85	53	138	23	8	31	87	34	121	249	113	362
Mbeya	60	56	116	155	107	262	106	31	137	49	33	82	370	227	597
Morogoro	31	19	50	81	49	130	51	13	64	19	10	29	182	91	273
Mtwara	39	26	65	112	49	161	18	7	25	39	15	54	208	97	305
Mwanza	57	40	97	99	63	162	33	6	39	50	31	81	239	140	379
Njombe	13	3	16	6	3	9	20	1	21	8	4	12	47	11	58
Pwani	72	65	137	184	164	348	15	5	20	43	47	90	314	281	595
Rukwa	14	7	21	44	10	54	3	1	4	7	0	7	68	18	86
Ruvuma	64	30	94	125	74	199	51	33	84	53	25	78	293	162	455
Shinyanga	4	2	6	18	17	35	0	0	0	2	1	3	24	20	44
Simiyu	32	13	45	58	35	93	33	3	36	38	15	53	161	66	227
Singida	99	85	184	759	393	1152	158	89	247	116	98	214	1132	665	1797
Songwe	34	25	59	53	33	86	30	13	43	28	20	48	145	91	236
Tabora	139	94	233	287	181	468	59	20	79	75	46	121	560	341	901
Tanga	46	25	71	90	59	149	21	10	31	33	11	44	190	105	295
Grand Total	1202	777	1979	3100	1974	5074	958	420	1378	1025	644	1669	6285	3815	10100
% of total	19.6			50.2			13.6			16.5			100.0		

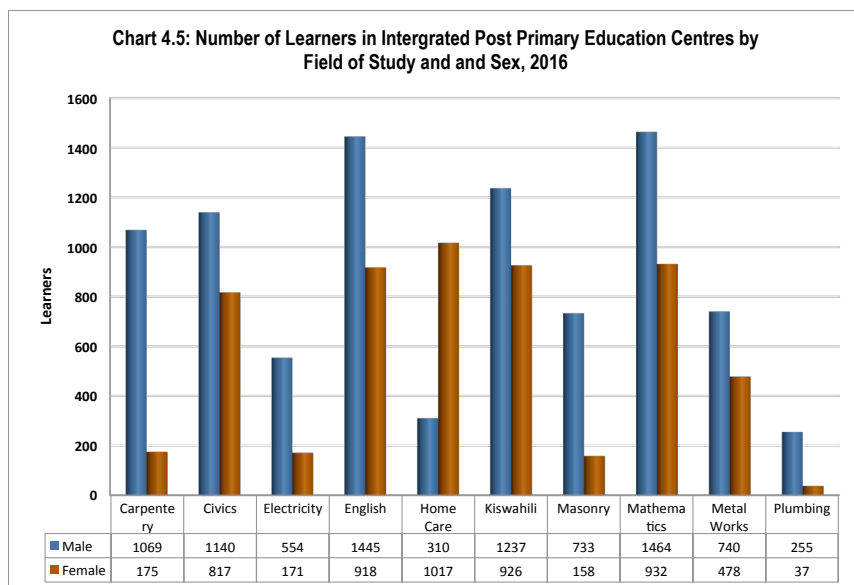
Note: The majority of facilitators of ICBAE are with Grade A Teacher qualifications (50.2%). Others are volunteers with qualifications other than Diploma Teacher, Grade A Teacher or Agricultural Extension Officers.

Adult and Non-Formal Education

Table 4.9b: Number of Learners in Intergrated Post Primary Education (IPPE) Centres by Field of Study and and Sex, 2016

Field of study	IPPE I			IPPE II			Grand Total		
	M	F	T	M	F	T	M	F	T
Carpentry	682	134	816	400	41	441	1082	175	1257
Civics	757	537	1294	387	284	671	1144	821	1965
Electricity	342	119	461	216	52	268	558	171	729
English	915	587	1502	534	335	869	1449	922	2371
Home Care	213	647	860	97	374	471	310	1021	1331
Kiswahili	827	610	1437	414	320	734	1241	930	2171
Masonry	467	115	582	266	43	309	733	158	891
Mathematics	917	587	1504	551	349	900	1468	936	2404
Metal Works	487	320	807	253	158	411	740	478	1218
Plumbing	170	26	196	85	11	96	255	37	292
Grand Total	5777	3682	9459	3203	1967	5170	8980	5649	14629

Chart 4.5: Number of Learners in Intergrated Post Primary Education Centres by Field of Study and and Sex, 2016



Adult and Non-Formal Education

**Table 4.10: Number of Learners in Intergrated Post Primary Education Centres
by Region, Field of Study and Sex, 2016**

REGION	IPPE I			IPPE II			Grand Total		
	M	F	T	M	F	T	M	F	T
ARUSHA	570	481	1051	568	584	1152	1138	1065	2203
DAR ES SALAAM	310	85	395	196	101	297	506	186	692
DODOMA	87	88	175	17	0	17	104	88	192
GEITA	455	391	846	60	50	110	515	441	956
IRINGA	125	58	183	61	25	86	186	83	269
KAGERA	343	319	662	84	24	108	427	343	770
KATAVI	20	39	59	0	0	0	20	39	59
KIGOMA	294	350	644	129	48	177	423	398	821
KILIMANJARO	305	120	425	122	94	216	427	214	641
LINDI	39	12	51	7	15	22	46	27	73
MANYARA	70	15	85	10	0	10	80	15	95
MARA	233	145	378	99	195	294	332	340	672
MBEYA	305	400	705	146	125	271	451	525	976
MOROGORO	206	121	327	213	166	379	419	287	706
MTWARA	56	41	97	36	25	61	92	66	158
MWANZA	208	58	266	150	60	210	358	118	476
NJOMBE	586	237	823	391	80	471	977	317	1294
PWANI	22	44	66	10	11	21	32	55	87
RUKWA	453	36	489	287	27	314	740	63	803
RUVUMA	284	157	441	107	128	235	391	285	676
SHINYANGA	0	0	0	0	0	0	0	0	0
SIMUYU	0	5	5	0	15	15	0	20	20
SINGIDA	406	146	552	294	100	394	700	246	946
SONGWE	15	0	15	35	0	35	50	0	50
TABORA	9	20	29	20	20	40	29	40	69
TANGA	376	314	690	161	74	235	537	388	925
TOTAL	5777	3682	9459	3203	1967	5170	8980	5649	14629

Adult and Non-Formal Education

Table 4.11: Number of Open and Distant Learning (ODL) Centres by Region, Level of Education and Sex, 2016

REGION	Level I (Form 1 & 2)			Level II (Form 3 & 4)			Level III (Form 5 & 6)			Grand Total		
	M	F	T	M	F	T	M	F	T	M	F	T
ARUSHA	158	257	415	113	88	201	46	85	131	317	430	747
DAR ES SALAAM	252	445	697	77	101	178	0	0	0	329	546	875
DODOMA	0	0	0	0	0	0	0	0	0	0	0	0
GEITA	9	9	18	8	50	58	0	0	0	17	59	76
IRINGA	0	0	0	0	0	0	0	0	0	0	0	0
KAGERA	52	67	119	5	10	15	0	0	0	57	77	134
KATAVI	15	18	33	1	3	4	0	0	0	16	21	37
KIGOMA	18	14	32	0	0	0	2	3	5	20	17	37
KILIMANJARO	15	34	49	11	17	28	0	0	0	26	51	77
LINDI	23	47	70	5	6	11	0	0	0	28	53	81
MANYARA	47	41	88	78	106	184	30	25	55	155	172	327
MARA	0	0	0	0	0	0	0	0	0	0	0	0
MBEYA	240	324	564	72	135	207	2	0	2	314	459	773
MOROGORO	103	144	247	2	1	3	0	0	0	105	145	250
MTWARA	76	72	148	56	79	135	4	16	20	136	167	303
MWANZA	51	63	114	0	0	0	0	0	0	51	63	114
NJOMBE	14	34	48	24	32	56	0	0	0	38	66	104
PWANI	260	240	500	119	82	201	6	21	27	385	343	728
RUKWA	1	3	4	12	19	31	0	0	0	13	22	35
RUVUMA	47	87	134	6	8	14	46	75	121	99	170	269
SHINYANGA	0	0	0	0	0	0	0	0	0	0	0	0
SIMUYU	0	0	0	0	0	0	0	0	0	0	0	0
SINGIDA	0	0	0	0	0	0	0	0	0	0	0	0
SONGWE	83	126	209	18	21	39	0	0	0	101	147	248
TABORA	15	16	31	0	0	0	0	0	0	15	16	31
TANGA	99	94	193	0	0	0	0	0	0	99	94	193
Grand Total	1578	2135	3713	607	758	1365	136	225	361	2321	3118	5439

Adult and Non-Formal Education

Table 4.12: Number of Open and Distant Learning (ODL) Centres by Program, Level of Education and Sex, 2016

Level of Education	Distance Learning			Evening Program			Grand Total		
	M	F	T	M	F	T	M	F	T
Level I (Form 1 & 2)	520	707	1227	1058	1428	2486	1578	2135	3713
Level II (Form 3 & 4)	116	134	250	491	624	1115	607	758	1365
Level II (Form 5 & 6)	48	80	128	88	145	233	136	225	361
Grand Total	684	921	1605	1637	2197	3834	2321	3118	5439

5.0 SCHOOL QUALITY ASSURANCE

School quality assurance is the process of ensuring that schools comply with the Education Act by ascertaining whether schools are being properly and efficiently managed. This implies that, School quality assurance is collaborative course of action whereby the School quality assurers work with Heads of Schools, teachers and other stake holders in making judgment on the quality based on National Basic Standards Indicators for Basic Education.

School Quality Assurance

Table 5.1: Number of Institutions Inspected, 2015/16

Institutions/Category	Number of Institutions Available as of March 2016	Number of Institutions Targeted for Inspection	Actual Institutions Inspected	% of Institutions Inspected
Pre-Primary Schools/Streams	16,273	9973	6412	64.2
Primary Schools	17174	11856	8083	47.1
Post Primary Vocational Centres	369	50	6	12.0
Special Education Schools /Units	305	71	32	45.0
Adult Education Centres	8,761	2623	1135	43.2
Secondary Schools	4759	3786	2285	48.0

Source: Zonal School Inspection reports 2015/16

Note: The actual inspection was below the targets in all Sub sectors.

School Quality Assurance

Tab 5.2: Number of Inspections Conducted by Regions, Ownership and Type of Inspection, 2015/16

Region	Govt Secondary Schools			Non Govt Secondary schools			Total		
	Special Inspection	Ordinary Inspection	Follow up Inspection	Special Inspection	Ordinary Inspection	Follow up Inspection	Special Inspection	Ordinary Inspection	Follow up Inspection
Arusha	2	42	18	11	25	5	13	67	23
Dar Es Salaam	7	52	24	36	34	30	43	86	54
Dodoma	5	41	56	9	4	31	14	45	87
Geita	9	5	1	5	0	1	14	5	2
Iringa	4	23	9	3	10	10	7	33	19
Kagera	2	89	32	4	20	8	6	109	40
Kigoma	4	46	6	7	17	1	11	63	7
Katavi	2	0	3	0	0	1	2	0	4
Kilimanjaro	21	25	10	24	8	10	45	33	20
Lindi	1	5	5	0	0	2	1	5	7
Manyara	5	13	5	2	5	0	7	18	5
Mara	13	11	1	4	0	0	17	11	1
Mbeya	2	45	57	6	12	7	8	57	64
Morogoro	10	39	26	9	7	8	19	46	34
Mtwara	0	32	10	0	1	1	0	33	11
Mwanza	8	128	14	41	21	24	49	149	38
Njombe	2	2	1	2	5	0	4	7	1
Pwani	8	12	27	7	10	21	15	22	48
Rukwa	0	22	39	0	3	20	0	25	59
Ruvuma	0	90	0	4	25	0	4	115	0
Simiyu	13	8	40	1	0	7	14	8	47
Shinyanga	13	5	8	2	1	0	15	6	8
Singida	2	15	5	1	0	0	3	15	5
Tabora	24	17	31	4	1	10	28	18	41
Tanga	17	51	14	5	2	8	22	53	22
TOTAL	174	818	442	187	211	197	361	1029	647

6.0 TECHNICAL EDUCATION

Technical Education provide alternative educational and training opportunities available after ordinary secondary (O-Level) and advanced secondary (A-Level) education levels, which lead to careers as skilled workers, technicians and professionals who are able to work in different sectors of the economy. The focus is on imparting necessary knowledge and skills in order to enable them to contribute to the socio-economic development of their communities and ultimately to that of the country.

Technical Education

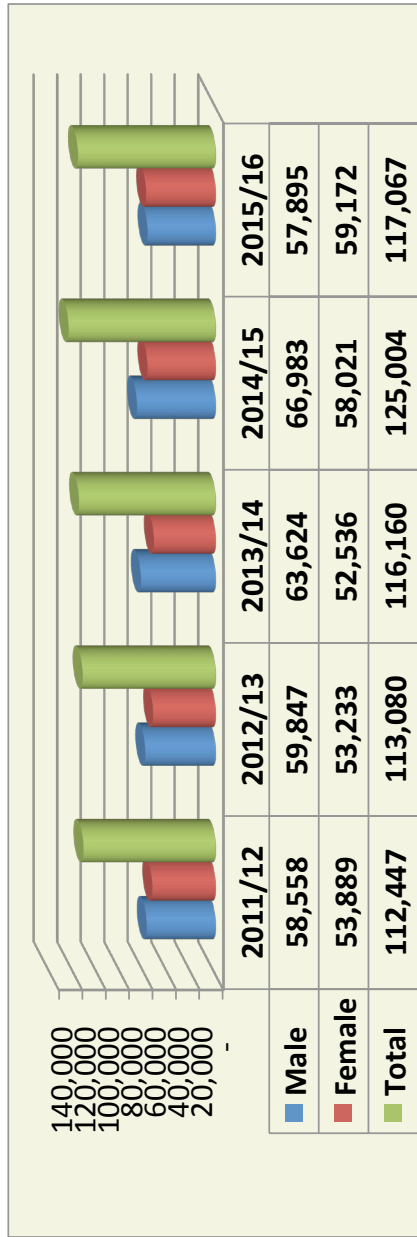
Table 6.1: Enrolment of Students by Field of Study and Awards in Government and Non-Government Technical Education, 2015/2016

Field of Study	Basic Technician Certificate (NTA Level 4)			Technician Certificate (NTA Level 5)			Ordinary Diploma (NTA Level 6)			Higher Diploma (NTA Level 7)			Bachelor Degree (NTA Level 8)			Masters (NTA Level 9)			Grand Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Business, Tourism and Planning	6321	9149	15470	4578	6192	10770	5915	9943	15858	3231	3909	7140	3148	3523	6671	376	248	624	23569	32964	56533
Science and Allied Technology	2710	2911	5621	3932	2941	6873	2790	2025.4	4815.4	76	45	121	0	0	0	0	0	0	9508	7922	17430
Health and Allied Sciences	2641	2013	4654	2946	1987	4933	6566	2073.5	8639.5	809	167	976	2176	763	2939	186	34	220	15324	7038	22362
Teaching and Learning Facilitation	1217	1120	2337	1591	1446	3037	6244	8242	14486	394	341	735	48	99	147	0	0	0	9494	11248	20742
Grand Total	12889	15193	28082	13047	12566	25613	21515	22284	43799	4510	4462	8972	5372	4385	9757	562	282	844	57895	59172	117067
Percentage(%)	24.0			21.9			37.4			7.7			8.3			0.7			100.0		

Note: Non-degree Programmes accounts for 90.9% as compared to 9.1% in degree Programmes.

Technical Education

Chart 6.1: Enrolment Trend in Technical Education by Sex, 2011/12 - 2015/16



Note: There is an increase in enrolment from 2011/12 to 2015/16 by 4.1%.

Technical Education

Table 6.2: Enrolment of Students by Award and Sex in Government and Non-Government Technical Education, 2015/2016

Award	2015/2016										Grand Total		
	Government				Non-Government								
	M	F	T	M	F	T	M	F	T	M	F	T	
Basic Technician Certificate (NTA Level 4)	8259	9569	17828	4630	5624	10254				12889	15193	28082	
Technician Certificate (NTA Level 5)	8346	8436	16782	4701	4130	8831				13047	12566	25613	
Ordinary Diploma (NTA Level 6)	16438	17486	33924	5077	4798	9875				21515	22284	43799	
Higher Diploma (NTA Level 7)	4498	4459	8957	12	3	15				4510	4462	8972	
Bachelor Degree (NTA Level 8)	5356	4378	9734	16	7	23				5372	4385	9757	
Masters (NTA Level 9)	518	262	780	44	20	64				562	282	844	
Doctorate (NTA Level 10)	0	0	0	0	0	0				0	0	0	
Grand Total	43415	44590	88005	14480	14582	29062				57895	59172	117067	
Percentage(%)	75.2			24.8			100.0						

Note: The Government Technical Colleges constitute 75.2% of the total enrolment while Non-Government constitute 24.8%.

Technical Education

Table 6.3: Enrolment of Students by Award, Mode of Delivery and Sex in Government and Non-Government Technical Education, 2015/2016

Award	Mode of Delivery												Grand Total		
	Full Time			Evening Classes			Distance Learning								
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Basic Technician Certificate (NTA Level 4)	8902	11552	20454	3613	3286	6899	374	355	729	12889	15193	28082			
Technician Certificate (NTA Level 5)	7022	5823	12845	5687	4623	10310	338	2120	2458	13047	12566	25613			
Ordinary Diploma (NTA Level 6)	15314	16444	31758	5810	4790	10600	391	1050	1441	21515	22284	43799			
Higher Diploma (NTA Level 7)	2841	3855	6696	1592	532	2124	77	75	152	4510	4462	8972			
Bachelor Degree (NTA Level 8)	4341	3722	8063	1010	590	1600	21	73	94	5372	4385	9757			
Masters (NTA Level 9)	396	106	502	155	147	302	11	29	40	562	282	844			
Grand Total	38816	41502	80318	17867	13968	31835	1212	3702	4914	57895	59172	117067			
Percentage(%)	68.6			27.2			4.2			100.0					

Note: The majority of students are enrolled in Full time Programmes (68.6%) followed by Evening Classes (27.2%) and Open & Distance Learning programmes constitute only 4.2%.

Technical Education

Table 6.4: Enrolment of Students with Disability by Award and Type of disability in Government and Non-Government Technical Education, 2015/2016

Type of Award	Albino			Autism			Deaf/ Mute			Mentally Impaired			Physically Impaired			Visually Impaired			Grand Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Higher Diploma (NTA Level 7)	1	0	1	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	3	0	3
Bachelor Degree (NTA Level 8)	0	0	0	0	0	0	1	4	5	0	0	0	2	5	7	1	0	1	4	9	13
Basic Technician Certificate (NTA Level 4)	1	3	4	0	0	0	2	0	2	0	0	0	1	1	2	1	5	6	5	9	14
Technician Certificate (NTA Level 5)	3	2	5	0	0	0	1	1	2	1	0	1	3	7	10	3	3	6	11	13	24
Ordinary Diploma (NTA Level 6)	5	3	8	0	0	0	14	8	22	2	1	3	10	7	17	2	2	4	33	21	54
Grand Total	10	8	18	0	0	0	18	13	31	3	1	4	18	20	38	7	10	17	56	52	108
Percentage(%)	16.7			0.0			28.7			3.7			35.2			15.7			100.0		

Note: Physical impairment is the most common type of disability (35.2%) in Technical Education followed by deaf (28.7%).

Technical Education

Table 6.5: Number of Graduates by Field of Study, Award and Sex in Government and Non-Government Technical Education, 2015/2016

Field of Study	Basic Technician Certificate (NTA Level 4)			Technician Certificate (NTA Level 5)			Ordinary Diploma (NTA Level 6)			Higher Diploma (NTA Level 7)			Bachelor Degree (NTA Level 8)			Masters (NTA Level 9)			Doctorate (NTA Level 10)			Grand Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Business, Tourism and Planning	5475	7656	13131	3760	5190	8950	4208	6002	10210	2656	2452	5108	2995	2107	5102	316	144	460	0	0	0	19410	23551	42961
Health and Allied Sciences	2439	2087	4526	2761	1829	4590	2150	1526	3676	0	0	0	0	0	0	0	0	0	0	0	0	7350	5442	12792
Science and Allied Technology	2105	1409	3514	1815	1185	3000	2818	1069	3887	441	151	592	798	388	1186	167	22	189	0	0	0	8144	4224	12368
Teaching and Learning Facilitation	1150	1443	2593	1726	1647	3373	3932	7217	11149	486	465	951	48	99	147	0	0	0	0	0	0	7342	10871	18213
Grand Total	11169	12595	23764	10062	9851	19913	13108	15814	28922	3583	3068	6651	3841	2594	6435	483	166	649	0	0	0	42246	44088	86334
Percentage(%)	27.5			23.1			33.5			7.7			7.5			0.8			0.0			100.0		

Note: The highest percentage of graduates is in Basic Technician Certificate (33.5%) while the least is Master Levels (0.8%).

Technical Education

Table 6.6: Academic Staff in Government and Non-Government Technical Education by Field of Study and Sex, 2015/16

Field of Study	Government			Non-Government			Grand Total		
	M	F	T	M	F	T	M	F	T
Business, Tourism and Planning	1682	577	2259	794	314	1108	2476	891	3367
Health and Allied Sciences	210	171	381	847	460	1307	1057	631	1688
Science and Allied Technology	543	633	1176	248	62	310	791	695	1486
Teaching and Learning Facilitation	1130	558	1688	585	192	777	1715	750	2465
Grand Total	3565	1939	5504	2474	1028	3502	6039	2967	9006

Technical Education

Table 6.7: Academic Staff Attrition by Qualification, Reason and Sex in Government and Non-Government Technical Education, 2015/2016

Qualification	Reasons																	Grand Total		
	Death			Employed Elsewhere			Long Illness			Retired			Termination							
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T		
Technician Certificate	1	1	2	3	11	14	0	0	0	1	0	1	0	0	0	5	12	17		
Ordinary Diploma	0	1	1	3	5	8	0	0	0	2	2	4	2	1	7	7	9	20		
Advanced Diploma	0	0	0	2	3	5	0	0	0	1	1	2	2	0	2	5	4	9		
BachelorDegree	1	2	3	7	10	17	3	2	5	1	1	2	2	2	5	14	17	32		
Masters	0	1	1	2	2	4	0	0	0	1	2	3	0	0	0	3	5	8		
Doctorate (PhD)	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1		
Grand Total	2	5	7	18	31	49	3	2	5	6	6	12	6	3	14	35	47	87		
Percentage(%)	8.0			56.3			5.7			13.8			16.1			100.0				

Note: Employment elsewhere accounted 56.3% while termination accounted 16.1% of staff attrition with the least being long illness(5.7%)

Table 6.8: Number of Teachers Colleges' Enrolment and Teaching Staff for Government and Non-Government for the year 2015/16						
	ENROLMENT			TEACHING STAFF		
	M	F	T	M	F	T
Government	6415	7642	14057	1059	530	1589
Non-Government	2974	2794	5768	578	190	768
Total	9389	10436	19825	1637	720	2357

Table 6.9: Number of Graduates from Teachers Colleges for Government and Non-Government for year 2014/15						
	GRADUATES					
	M	F	T	M	F	T
Government	1671	520	2191			
Non-Government	810	527	1337			
Total	2481	1047	3528			

7.0 VOCATIONAL EDUCATION AND TRAINING

Vocational Education and Training (VET) Centres both private and public offers programs which provide relevant knowledge, practical skills and attitudes for gainful employment in a particular trade or occupational area for social economic development.

The quality control and quality assurance for VET programs is undertaken by the Vocational Education and Training Authority (VETA).

SUBMISSION STATUS OF ANNUAL STATISTICAL DATA

In 2015/16, a total of 943 Centres were registered under VETA. All Centres submitted their Annual Statistical Data.

FDC and Vocational Education and Training Centres

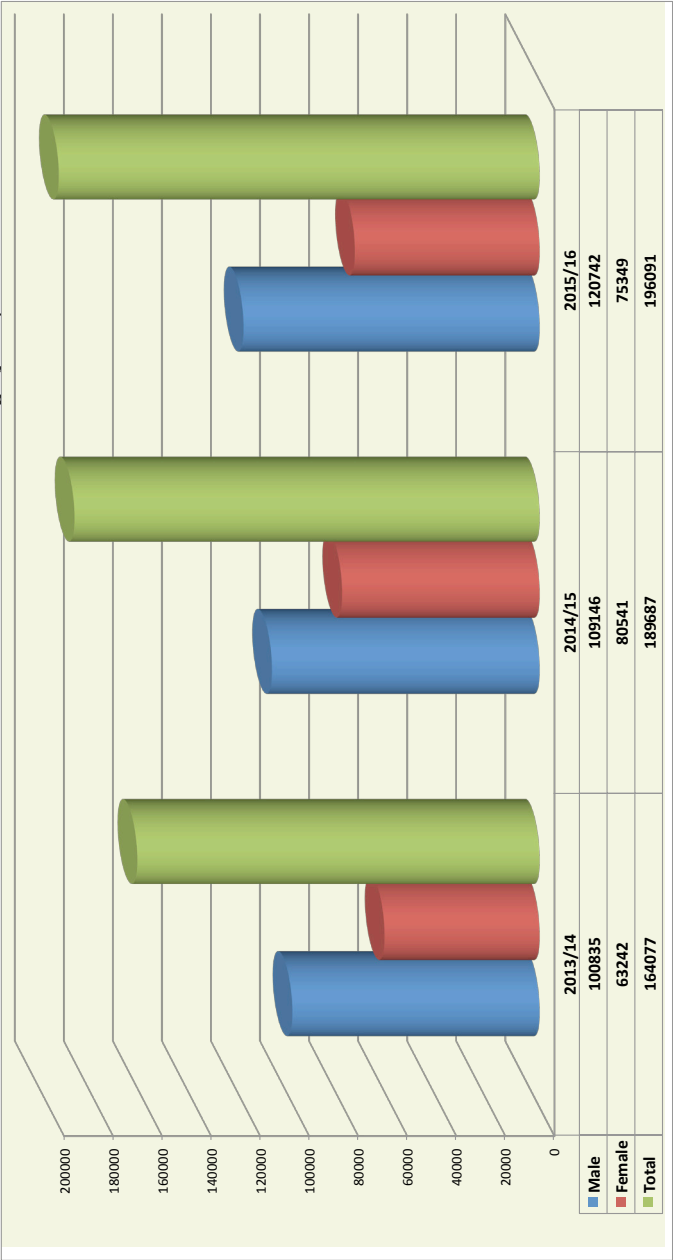
Table 7.1: Enrollment in Folk and Vocational Educational and Training by Region and Sex, 2013/14 - 2015/16

Region	2013/14						2014/15						2015/16					
	FDC			VTC			FDC			VTC			FDC			VTC		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Ausha	0	0	0	1354	2348	3702	1594	2548	4142	1532	1798	3330	1594	1865	3459	1308	1532	2840
Dar es Salaam	139	67	206	34296	23891	58187	34435	23966	58401	175	44	219	43945	38514	82459	44720	38558	83278
Dodoma	102	91	193	3336	1218	4554	3438	1309	4747	117	100	217	4200	1585	5785	4317	1685	6002
Geita																		
Iringa	40	46	86	77	966	1043	442	1448	34	69	1367	974	2541	1802	1008	2610	1230	2138
Kagera	119	33	152	2901	1667	4568	3020	1700	4720	319	151	470	1386	1017	2403	1705	1168	2873
Kilimo	15	8	23	817	611	1428	832	619	1451	0	0	0	0	0	0	0	0	0
Kilimo	77	64	141	334	224	558	411	288	699	73	53	126	2247	1021	3268	2320	1074	3394
Kumango	839	362	1201	7278	6402	13680	8117	6784	14881	886	420	1306	7532	6383	13915	8418	6803	15221
Lindi	105	29	134	419	233	652	524	262	786	150	72	222	609	388	998	759	431	1190
Mbeya	0	0	0	1662	1319	2981	1662	1319	2981	56	37	93	1889	1515	3404	1945	1552	3497
Mera	211	148	359	1785	658	2443	1996	806	2802	337	206	543	1532	988	2060	1869	1174	3043
Mbeya	42	14	56	1811	1234	3045	1853	1308	3161	85	65	150	2101	1804	3905	2186	1869	4055
Morogoro	207	116	323	5632	2839	8471	5839	2955	8794	162	96	258	4621	2223	6844	4783	2319	7102
Mtwara	268	56	324	1742	654	2396	2010	910	2920	224	61	285	1806	688	2496	2032	749	2781
Mwanza	451	205	656	3027	2162	5189	3478	2367	5845	244	44	288	1247	1155	2402	1491	1199	2690
Njombe	206	101	307	422	193	615	628	294	922	0	0	0	388	561	949	388	561	949
Pwani	770	717	1487	1320	793	2113	2000	1514	3514	658	238	896	1272	757	2029	1930	995	2925
Rukwa	31	63	94	1395	1011	2406	1428	1074	2502	35	16	51	534	313	847	563	329	892
Ruvuma	188	93	281	3935	1051	4986	4123	1154	5277	61	24	85	783	564	1347	844	588	1432
Shinyanga	50	19	69	980	377	1357	1030	396	1426	137	116	253	1508	903	2411	1645	1079	2724
Singida	196	166	362	177	83	360	373	349	722	198	314	512	1019	341	1380	1217	655	1872
Songwe	238	215	453	1802	613	2415	2040	828	2868	356	300	656	2554	1114	3668	2910	1414	4324
Tabora	237	204	441	565	451	1016	802	655	1457	237	204	441	565	505	1070	802	709	1511
Tanga	291	188	479	3527	1781	5308	3818	1969	5747	415	213	628	2433	1783	5647	2666	8313	2499
Grand Total	4822	3005	7827	98013	60323	158336	100835	63242	164077	5025	2926	7951	104121	77815	181758	109146	80541	189887
Percentage	60.6	37.8	98.4	52.8	33.1	86.0	61.5	38.5	100.0	63.2	36.8	100.0	57.3	42.7	100.0	56.7	42.3	96.7

Note: Enrollment in Vocational Institutions increased from 189 687 in 2014/15 to 196 091 in 2015/16 by 3.4%.

FDC and Vocational Education and Training Centres

Chart 7.1: Enrolment Trend in Folk and Vocational Education Training by Sex, 2013/14 - 2015/16



Note: There is an increase of enrollment from 2013/14 to 2015/16 by 16.3%.

FDC and Vocational Education and Training Centres

Table 7.2: Enrollment in Folk and Vocational Education and Training by Field of Study, Programme and Sex, 2015/16

Field of Study	Sex	PROGRAMME										Grand Total
		Long Course Above Year 2	Long Course Level 1 Year 1	Long Course Level 1 Year 2	Long Course Level 2	Long Course Level 3	Long Course Year 1	Long Course Year 2	Short Course	Short Course (In-centre)	Short Course (Outreach)	
Agriculture	M	21	290	142	131	123	146	186	374	265	0	1678
	F	25	133	71	132	40	144	235	230	237	0	1247
	T	46	423	213	263	163	290	421	604	502	0	2925
Automotive	M	309	2700	1871	2333	1387	86	10737	30093	337	0	49853
	F	108	104	212	82	38	0	1666	3194	150	0	5554
	T	417	2804	2083	2415	1425	86	12403	33287	487	0	55407
Business Administration	M	6	998	144	189	39	0	1525	1921	3	0	4825
	F	49	2911	790	591	270	17	2326	3237	161	0	10352
	T	55	3909	934	780	309	17	3851	5158	164	0	15177
Clothing and Textiles	M	2	1270	113	185	15	70	25	41	0	0	1721
	F	24	2539	1851	1378	233	144	638	766	143	15	7731
	T	26	3809	1964	1563	248	214	663	807	143	15	9452
Construction	M	101	2479	1770	1926	413	190	437	846	32	107	8301
	F	16	403	127	198	44	28	27	78	50	10	981
	T	117	2882	1897	2124	457	218	464	924	82	117	9282
Electrical	M	50	2498	1564	1778	583	160	2880	2778	48	0	12339
	F	36	369	289	415	82	78	198	161	92	0	1720
	T	86	2867	1853	2193	665	238	3078	2939	140	0	14059
General Subjects	M	0	777	396	56	0	0	3552	6702	20	0	11503
	F	0	1141	78	61	0	0	3476	5193	15	0	9964
	T	0	1918	474	117	0	0	7028	11895	35	0	21467
Hospitality and Tourism	M	27	906	103	623	193	12	2440	1746	0	5	6055
	F	62	2287	335	808	458	66	4595	4844	185	35	13675
	T	89	3193	438	1431	651	78	7035	6590	185	40	19730
ICT	M	161	819	183	312	189	1	7078	10269	1236	0	20248
	F	227	794	362	392	271	9	6915	12003	802	0	21775
	T	388	1613	545	704	460	10	13993	22272	2038	0	42023
Laboratory Technology	M	0	18	5	9	0	68	98	6	0	0	204
	F	0	8	15	25	0	138	105	10	0	0	301
	T	0	26	20	34	0	206	203	16	0	0	505
Mechanical	M	35	689	437	549	225	1	150	324	0	0	2410
	F	0	39	71	28	6	0	7	16	6	0	173
	T	35	728	508	577	231	1	157	340	6	0	2583
Mining	M	0	123	52	0	0	0	515	693	0	0	1383
	F	0	149	19	0	53	0	572	804	0	0	1597
	T	0	272	71	0	53	0	1087	1497	0	0	2980
Pedagogy/Androgogy/Training of trainers	M	0	0	0	0	0	0	0	4	0	0	4
	F	0	0	0	0	0	0	0	2	0	0	2
	T	0	0	0	0	0	0	0	6	0	0	6
Printing	M	0	8	0	97	3	0	49	61	0	0	218
	F	0	12	0	90	3	0	5	167	0	0	277
	T	0	20	0	187	6	0	54	228	0	0	495
Grand Total	M	712	13575	6780	8188	3170	734	29672	55858	1941	112	120742
	F	547	10889	4220	4200	1498	624	20765	30705	1841	0	75349
	T	1259	24464	11000	12388	4668	1358	50437	86563	3782	112	196091
% Female		43.4	44.5	38.4	33.9	32.1	45.9	41.2	35.5	48.7	0.0	38.4

NOTE: Enrolment of Female students in Folk and Vocational Training in 2015/16 is 38.4%.

FDC and Vocational Education and Training Centres

Table 7.3: Number of Graduates in Folk and Vocational Education and Training by Field of Study, Mode of Delivery and Sex, 2015/16

Field of Study	Apprenticeship			Full Time			Part Time			Total			
	M	F	T	M	F	T	M	F	T	M	F	T	
Agriculture and Food Processing	0	0	0	1013	882	1895		632	451	1083	1645	1333	2978
	176	11	187	25751	2857	28608	21124	2199	23323	47051	5067	52118	
Business Administration	0	0	0	4036	8579	12615	522	1278	1800	4558	9857	14415	
	122	340	462	1367	5458	6825	33	529	562	1522	6327	7849	
Clothing and Textiles	177	6	183	5500	684	6184	661	63	724	6338	753	7091	
	182	17	199	10456	1385	11841	691	147	838	11329	1549	12878	
General Subjects	0	0	0	6259	5991	12250	4019	3112	7131	10278	9103	19381	
	60	59	119	5025	11294	16319	598	1387	1985	5683	12740	18423	
Hospitality and Tourism	10	20	30	13941	13898	27839	5165	6140	11305	19116	20058	39174	
	0	0	0	160	237	397	18	8	26	178	245	423	
Lab Technology	92	0	92	1840	93	1933	265	22	287	2197	115	2312	
	0	0	0	1205	1345	2550	151	212	363	1356	1557	2913	
Pedagogy/Andragogy/Training of trainers	0	0	0	0	0	0	4	2	6	4	2	6	
	0	0	0	157	109	266	62	161	223	219	270	489	
Printing	819	453	1272	76710	52812	129522	33945	15711	49656	111474	68976	180450	

Note: The number of Folk and VET graduates in the field of Automotive constitutes 28.9% of total number of all Graduates in 2015/16.

FDC and Vocational Education and Training Centres

Table 7.4: Number of Graduates in Folk and Vocational Education and Training by Sex and Region, 2015/16

Region	FDC			VTC			Total Graduates		
	M	F	T	M	F	T	M	F	T
Arusha	61	53	114	12735	8302	21037	12796	8355	21151
Dar es Salaam	112	40	152	55467	35296	90763	55579	35336	90915
Dodoma	107	105	212	4520	1555	6075	4627	1660	6287
Geita	0	0	0	162	22	184	162	22	184
Iringa	724	487	1211	1925	797	2722	2649	1284	3933
Kagera	177	99	276	983	889	1872	1160	988	2148
Katavi	0	0	0	73	147	220	73	147	220
Kigoma	81	99	180	605	269	874	686	368	1054
Kilimanjaro	462	234	696	8137	5075	13212	8599	5309	13908
Lindi	121	64	185	556	239	795	677	303	980
Manyara	56	37	93	1915	1572	3487	1971	1609	3580
Mara	263	186	449	502	292	794	765	478	1243
Mbeya	36	54	90	1894	1687	3581	1930	1741	3671
Morogoro	505	163	668	2688	2019	4707	3193	2182	5375
Mtwara	242	62	304	1682	723	2405	1924	785	2709
Mwanza	409	98	507	2036	834	2870	2445	932	3377
Njombe	616	288	904	610	477	1087	1226	765	1991
Pwani	724	487	1211	175	214	389	899	701	1600
Rukwa	11	9	20	491	237	728	502	246	748
Ruvuma	155	39	194	2417	1389	3806	2572	1428	4000
Shinyanga	118	138	256	955	367	1322	1073	505	1578
Simiyu	179	92	271	201	255	456	380	347	727
Singida	350	293	643	2546	1111	3657	2896	1404	4300
Songwe									
Tabora	95	111	206	339	480	819	434	591	1025
Tanga	247	86	333	2009	1404	3413	2256	1490	3746
Grand Total	5851	3324	9175	105623	65652	171275	111474	68976	180450

Note: There are notable variations in the number of Folk and VET Graduates in Regions ranging from 90,915 in Dar es Salaam Region to only 184 in Geita Region.

FDC and Vocational Education and Training Centres

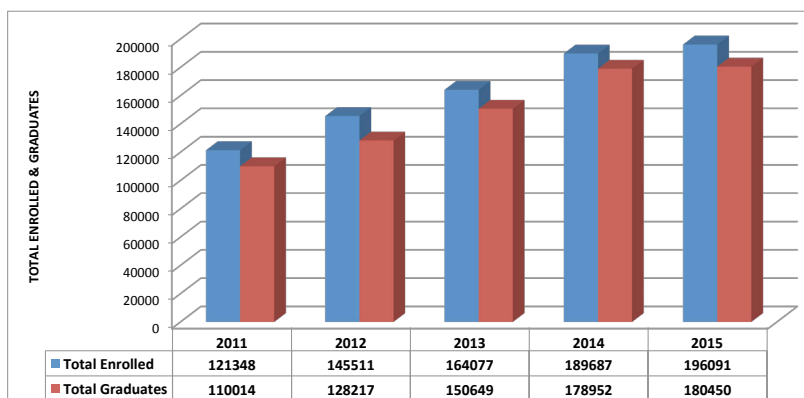
Table 7.5: Trend in Enrollment and Number of Graduates in Folk and Vocational Educational and Training Centres by Sex, 2011 - 2015

Year	Number of VET Trainees					
	Enrolled			Graduates		
	M	F	T	M	F	T
2011	64499	56849	145511	58778	51236	110014
2012	78372	67139	164077	68539	59678	128217
2013	100835	63242	189687	92565	58084	150649
2014	109146	80541	189687	103382	75570	178952
2015	120742	75349	196091	111474	68976	180450

Enrollment in VET Institutions increased from 145,511 in 2011 to 196,091 in 2015 by

Note: 34.8%, and Graduates increased from 110,014 to 180,450 by 64.02% during the same period.

Chart 7.2: Enrollment Trend and Number of Graduates in Folk and Vocational Education and Training, 2011 - 2015



FDC and Vocational Education and Training Centres

**Table 7.6: Enrollment in Folk and Vocational Education and Training by Region,
Type of Disability and Sex, 2015/16**

Region	Type of Disability	Male	Female	Total
Arusha	Albino	7	7	14
	Deaf	8	5	13
	Mental	0	2	2
	Physical	51	51	102
Dar es Salaam	Albino	3	1	4
	Autism	0	0	0
	Blind	16	4	20
	Deaf	29	64	93
	Deaf-Blind	0	0	0
	Mental	7	3	10
	Multiple	0	0	0
	Physical	15	10	25
Iringa	Albino	0	1	1
Kigoma	Blind	1	0	1
	Physical	1	1	2
Kilimanjaro	Albino	0	6	6
	Deaf	0	7	7
	Multiple	8	0	8
	Physical	22	20	42
Lindi	Albino	1	0	1
Mbeya	Albino	1	0	1
	Deaf	0	1	1
Morogoro	Albino	2	4	6
	Blind	5	3	8
	Deaf	3	7	10
	Physical	1	0	1
Table 7.6: Enrollment of Disability Cont...				
Mtwara	Albino	1	0	1
	Deaf	1	1	2
Pwani	Physical	0	1	1
Rukwa	Physical	3	1	4
Ruvuma	Deaf	3	7	10
Tanga	Albino	0	1	1
	Deaf	0	1	1
	Physical	2	1	3
Grand Total		191	210	401

FDC and Vocational Education and Training Centres

Table 7.7: Number of Trainees in FDCs and VET Institutes by Region, Entry Qualification and Sex, 2015

Region	Education Level												Grand Total		
	Below Std VII			Std VII			Form IV			Form 6 and above					
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Arusha				26	8	34	35	45	80				61	53	114
Dar es Salaam	0	0	0	124	14	138	19	19	38	0	0	0	143	33	176
Dodoma	0	0	0	26	50	76	91	50	141	0	0	0	117	100	217
Geita	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Iringa	0	0	0	137	90	227	587	436	1023	0	0	0	724	526	1250
Kagera	0	0	0	115	55	170	78	46	124	0	0	0	193	101	294
Katavi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kigoma	0	0	0	25	13	38	73	103	176	0	0	0	98	116	214
Kilimanjaro	0	0	0	65	22	87	379	212	591	0	0	0	444	234	678
Lindi	0	0	0	35	19	54	87	54	141	0	0	0	122	73	195
Manyara	0	0	0	17	10	27	39	27	66	0	0	0	56	37	93
Mara	0	0	0	82	68	150	208	133	341	0	0	0	290	201	491
Mbeya	0	0	0	27	13	40	58	52	110	0	0	0	85	65	150
Morogoro	0	0	0	63	68	131	361	54	415	2	0	2	426	122	548
Mtwara	0	0	0	82	43	125	193	22	215	0	0	0	275	65	340
Mwanza	0	0	0	10	8	18	417	87	504	0	0	0	427	95	522
Njombe	0	0	0	53	44	97	461	182	643	2	0	2	516	226	742
Pwani	0	0	0	152	90	242	623	441	1064	0	0	0	775	531	1306
Rukwa	0	0	0	47	29	76				0	0	0	47	29	76
Ruvuma	0	0	0	16	3	19	158	39	197	0	0	0	174	42	216
Shinyanga	0	20	20	21	80	101	104	43	147	0	0	0	125	143	268
Simiyu	3	5	8	100	80	180	75	9	84	1	0	1	179	94	273
Singida	0	0	8	22	59	81	333	241	574	1	0	1	356	300	656
Songwe													0	0	0
Tabora	8	3	11	68	64	132	48	63	111	0	0	0	124	130	254
Tanga	0	0	0	7	24	31	242	69	311	0	0	0	249	93	342
Total	11	28	47	1320	954	2274	4669	2427	7096	6	0	6	6006	3409	9415

FDC and Vocational Education and Training Centres

Table 7.7(B): Number of Trainees Enrolled in Vocational Education and Training Centres, 2015

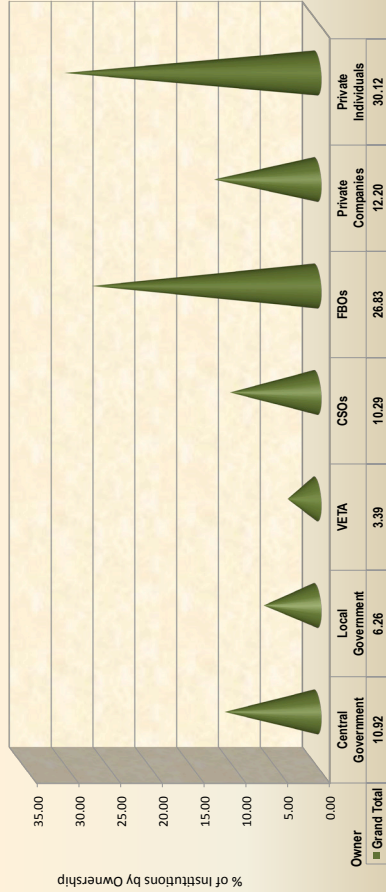
Region	Education Level															Grand Total		
	Below Std VII			Std VII			Form IV			Form 6 and above								
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T			
Arusha	89	60	149	2248	1342	3590	9093	6164	15257	1588	939	2527	13018	8505	21523			
Dar es Salaam	4530	4216	8746	20978	11707	32685	28453	18937	47390	4560	3054	7614	58521	37914	96435			
Dodoma	3	0	3	731	446	1177	3891	1187	5078	5	1	6	4630	1634	6264			
Geita	0	0	0	4	5	9	181	17	198	0	0	0	185	22	207			
Iringa	0	1	1	840	539	1379	1272	609	1881	26	9	35	2138	1158	3296			
Kagera	0	0	0	393	402	795	833	628	1461	0	0	0	1226	1030	2256			
Katavi	0	2	2	7	49	56	73	120	193	0	0	0	80	171	251			
Kigoma	0	0	0	209	130	339	401	143	544	0	0	0	610	273	883			
Kilimanjaro	37	11	48	1840	962	2802	6316	3856	10172	198	296	494	8391	5125	13516			
Lindi	0	0	0	164	88	252	446	152	598	0	0	0	610	240	850			
Manyara	1	0	1	362	223	585	1569	1350	2919	13	16	29	1945	1589	3534			
Mara	1	2	3	100	97	197	503	273	776	0	0	0	604	372	976			
Mbeya	15	5	20	690	357	1047	1783	1587	3370	144	144	288	2632	2093	4725			
Morogoro	3	7	10	1486	1350	2836	1862	1522	3384	39	79	118	3390	2958	6348			
Mtwara	0	3	3	299	192	491	1346	600	1946	130	54	184	1775	849	2624			
Mwanza	0	2	2	173	139	312	1964	698	2662	10	16	26	2147	855	3002			
Njombe	0	0	0	336	259	595	417	390	807	14	11	25	767	660	1427			
Pwani	1	0	1	557	92	649	529	246	775	91	10	101	1178	348	1526			
Rukwa	1	0	1	757	525	1282	428	192	620	13	36	49	1199	753	1952			
Ruvuma	0	0	0	1294	1020	2314	1317	573	1890	26	62	88	2637	1655	4292			
Shinyanga	0	0	0	399	153	552	571	240	811	11	4	15	981	397	1378			
Simiyu	25	7	32	56	65	121	128	201	329	0	0	0	209	273	482			
Singida	0	0	0	1077	256	1333	1313	839	2152	164	19	183	2554	1114	3668			
Songwe													0	0	0			
Tabora	0	2	2	49	65	114	372	430	802	11	20	31	432	517	949			
Tanga	119	142	261	403	393	796	2326	833	3159	29	67	96	2877	1435	4312			
Grand Total	4825	4460	9285	35452	20856	56308	67387	41787	109174	7072	4837	11909	114736	71940	186676			

FDC and Vocational Education and Training Centres

Table 7.8: Trend in Folk and Vocational Education and Training Institutions by Ownership, 2011/12 - 2014/15

Owner	Central Government	Local Government	VETA	Civil Society Organisations (CSOs)	Faith-Based Organisations (FBOs)	Private Companies	Private Individuals	Grand Total
2011/2012	87	59	27	83	223	79	201	759
2012/2013	101	96	257	60	98	255	29	896
2013/2014	94	58	32	95	247	108	258	892
2014/2015	103	59	32	97	253	115	284	943
Percentage	10.92	6.26	3.39	10.29	26.83	12.20	30.12	100.00

Chart 7.3: Number of Folk and VET Institutions by Ownership, 2015



8.0 HIGHER EDUCATION

Higher Education is provided in Tanzania after completion of A-Level Secondary School Education or its equivalent for award of degrees and other equivalent certificates. Duration of courses provided in Higher Education takes three years or more. The aim of higher education in the country is to enable Tanzanian citizens or youth become well educated, knowledgeable and well versed with perspectives, skills and developments in social, economic, cultural, scientific and technological fields. Higher education enables youth and all people in any cadre to face the challenges of development that require immediate and long resolutions, especially, in the eradication of poverty individually and at national level.

Higher Education

Table 8.1a: Enrollment in Government and Non-Government Universities and University Colleges for Degree Courses by Institution, Programme of Award and Sex, 2015/16

Name of Institutions	Bachelor			Post Graduate Diploma			Masters			Doctorate			TOTAL		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
AJUCO	926	324	1250	0	0	0	0	0	0	0	0	0	926	324	1250
AKU	33	6	39	0	0	0	34	27	61	0	0	0	67	33	100
ALSUMAIT	630	1139	1769	0	0	0	0	0	0	0	0	0	630	1139	1769
AMUCTA	1254	421	1675	9	4	13	36	18	54	0	0	0	1299	443	1742
ARU	2399	1389	3788	0	0	0	203	81	284	28	8	36	2630	1478	4108
CARUMUCO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CUHAS	914	658	1572	0	0	0	72	41	113	6	6	12	992	705	1697
DUCE	2615	1266	3881	13	30	43	0	0	0	0	0	0	2628	1296	3924
ETU	241	104	345	0	0	0	72	41	113	6	6	12	319	151	470
HKMU	0	0	0	0	0	0	24	19	43	0	0	0	24	19	43
IMTU	645	381	1026	4	1	5	0	0	0	0	0	0	649	382	1031
JKUAT	17	9	26	8	11	19	0	0	0	0	0	0	25	20	45
JOKUJO	512	152	664	0	0	0	0	0	0	0	0	0	512	152	664
JUCO	1645	1069	2714	0	0	0	140	88	228	0	0	0	1785	1157	2942
KCMUCo	917	585	1502	0	0	0	104	55	159	12	12	24	1033	652	1685
KIU	782	520	1302	5	3	8	58	21	79	0	0	0	845	544	1389
MARUCO	251	82	333	0	0	0	0	0	0	0	0	0	251	82	333
MMU	398	285	683	0	0	0	61	37	98	0	0	0	459	322	781
MoCU	1119	814	1933	31	13	44	122	62	184	0	0	0	1272	889	2161
MU	3898	3673	7571	0	0	0	1564	1301	2865	36	11	47	5498	4985	10483
MU_Mbeya	908	847	1755	0	0	0	89	46	135	0	0	0	997	893	1890
MUCE	2740	881	3621	4	7	11	0	0	0	0	0	0	2744	888	3632
MUHAS	1474	644	2118	0	0	0	423	254	677	17	10	27	1914	908	2822
MUM	1249	965	2214	0	0	0	0	0	0	0	0	0	1249	965	2214
MUST	1960	258	2218	0	0	0	0	0	0	0	0	0	1960	258	2218
MWECU	2399	870	3269	13	6	19	37	34	71	7	3	10	2456	913	3369
NMAIST	0	0	0	0	0	0	91	33	124	94	31	125	185	64	249
OUT	5811	3315	9126	220	111	331	858	385	1243	0	0	0	6889	3811	10700
RUCU	2274	1132	3406	0	0	0	168	85	253	0	0	0	2442	1217	3659
SAUT	3925	2280	6205	6	3	9	211	144	355	19	6	25	4161	2433	6594
SEKOMU	780	473	1253	0	0	0	0	0	0	0	0	0	780	473	1253
SFUCHAS	574	227	801	0	0	0	0	0	0	0	0	0	574	227	801
SJCAST			0			0			0			0	0	0	0
SJCET	640	143	783	0	0	0	0	0	0	0	0	0	640	143	783
SJCHS	307	173	480	0	0	0	0	0	0	0	0	0	307	173	480
SJCIT			0			0			0			0	0	0	0
SJCMF	35	14	49	0	0	0	0	0	0	0	0	0	35	14	49
SJUIT-Arusha			0			0			0			0	0	0	0
SJUT	1815	1188	3003	0	0	0	65	46	111	0	0	0	1880	1234	3114
SMMUCo	863	529	1392	10	11	21	5	5	10				878	545	1423
STEMUCo	858	323	1181	0	0	0	58	32	90	0	0	0	916	355	1271
SUA	4954	2017	6971	21	22	43	314	159	473	169	44	213	5458	2242	7700
SUZA	1071	749	1820	0	0	0	0	0	0	0	0	0	1071	749	1820
TEKU	4111	2433	6544	23	8	31	81	36	117	0	0	0	4215	2477	6692
TUDARCO	694	867	1561	0	0	0	34	58	92	0	0	0	728	925	1653
TUMA	1702	1039	2741	16	13	29	57	65	122	5	1	6	1780	1118	2898
UAUT	42	9	51	0	0	0	0	0	0	0	0	0	42	9	51
UDOM	13716	5422	19138	30	39	69	532	204	736	117	37	154	14395	5702	20097
UDSM	15576	7519	23095	20	20	40	363	590	953	55	121	176	16014	8250	24264
UoA	1049	685	1734	35	30	65	47	13	60	0	0	0	1131	728	1859
UoB	429	211	640	0	0	0	14	2	16	0	0	0	443	213	656
UoI	1509	1055	2564	19	9	28	99	90	189	0	0	0	1627	1154	2781
ZU	1529	1719	3248	0	0	0	0	0	0	0	0	0	1529	1719	3248
Grand Total	94190	50864	145054	487	341	828	6036	4072	10108	571	296	867	101284	55573	156857
% of Female		35.1			41.2			40.3			34.1			35.4	

Note The participation of female students in Degree Courses in Government and Non-Government Universities and University Colleges is 35.4% in 2015/16

Higher Education

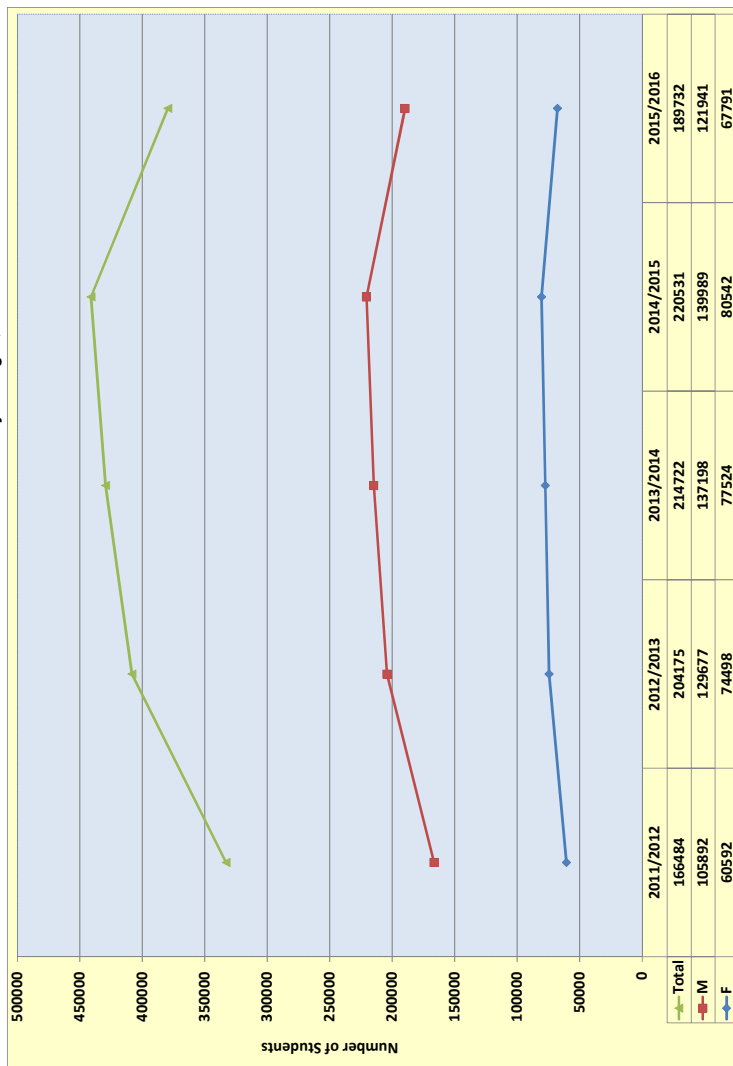
Table 8.1b: Enrollment in Government and Non-Government Universities and University Colleges for Non-Degree Courses by Institution, Award and Sex, 2015/16

Name of Institutions	Basic Certificate			Certificate			Ordinary Diploma			Advanced/ Higher Diploma			TOTAL		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
AJUCO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AKU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALSUMAIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AMUCTA	0	0	0	10	16	26	1	12	13	0	0	0	11	28	39
ARU	0	0	0	0	0	0	10	5	15	0	0	0	10	5	15
CARUMUCO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CUHAS	0	0	0	0	0	0	367	240	607	0	0	0	367	240	607
DUCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ETU	0	0	0	16	12	28	603	402	1005	0	0	0	619	414	1033
HKMU	0	3	3	20	28	48	27	31	58	473	518	991	520	580	1100
IMTU	0	0	0	0	2	2	1	0	1	0	0	0	1	2	3
JKUAT	0	0	0	34	25	59	76	48	124	0	0	0	110	73	183
JOKUCO	0	0	0	6	9	15	5	3	8	0	0	0	11	12	23
JUCO	81	117	198	0	0	0	133	144	277	0	0	0	214	261	475
KCMUCo	0	0	0	0	0	0	38	77	115	0	0	0	38	77	115
KIU	0	0	0	243	180	423	231	156	387	0	0	0	474	336	810
MARUCO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MMU	0	0	0	12	17	29	552	712	1264	0	0	0	564	729	1293
MoCU	20	19	39	170	174	344	579	581	1160	0	0	0	769	774	1543
MU	0	0	0	97	83	180	285	334	619	0	0	0	382	417	799
MU_Mbeya	0	0	0	52	39	91	268	316	584	0	0	0	320	355	675
MUCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MUHAS	0	0	0	0	0	0	721	419	1140	9	12	21	730	431	1161
MUM	0	0	0	134	111	245	48	38	86	0	0	0	182	149	331
MUST	354	86	440	347	82	429	459	197	656	0	0	0	1160	365	1525
MWECAU	0	0	0	29	37	66	83	62	145	0	0	0	112	99	211
NMAIST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
OUT	0	0	0	1722	894	2616	760	518	1278			0	2482	1412	3894
RUCU	0	0	0	227	218	445	386	306	692	0	0	0	613	524	1137
SAUT	0	0	0	77	96	173	71	92	163	83	49	132	231	237	468
SEKOMU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SFUCHAS	0	0	0	95	38	133	131	45	176	0	0	0	226	83	309
SJCAST			0			0			0			0	0	0	0
SJCET	0	0	0	48	13	61	452	57	509	0	0	0	500	70	570
SJCHS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SJCIT			0			0			0			0	0	0	0
SJCMF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SJUIT-Arusha			0			0			0			0	0	0	0
SJUT	0	0	0	165	100	265	140	203	343	0	0	0	305	303	608
SMMUCo	0	0	0	98	20	118	91	126	217	0	0	0	189	146	335
STEMUCo	0	0	0	34	42	76	119	127	246	0	0	0	153	169	322
SUA	0	0	0	16	10	26	312	140	452	0	0	0	328	150	478
SUZA	0	0	0	39	27	66	0	0	0	617	307	924	656	334	990
TEKU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TUDARCO	0	0	0	36	54	90	90	111	201	0	0	0	126	165	291
TUMA	0	0	0	32	33	65	72	84	156	0	0	0	104	117	221
UAUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UDOM	0	0	0	37	39	76	7571	1673	9244	0	0	0	7608	1712	9320
UDSM	0	0	0	128	52	180	78	3	81	0	0	0	206	55	261
UoA	0	0	0	48	30	78	184	147	331	0	0	0	232	177	409
UoB	2	5	7	2	3	5	4	9	13	0	0	0	8	17	25
UoI	0	0	0	150	89	239	653	529	1182	0	0	0	803	618	1421
ZU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	457	230	687	4124	2573	6697	15601	7947	23548	1182	886	2068	21364	11636	33000
% of Female		33.5			38.4			33.7			42.8			35.3	

Note: The participation of female students in Non-Degree Courses in Government and Non-Government Universities and University Colleges is 35.3% in 2015/16

Higher Education

Chart 8.1: Enrollment Trend in Universities and University Colleges, 2010/11 - 2015/16



Note: Increase in enrolment from 166,484 students in 2011/2012 to 189,732 in 2015/16 has been contributed by an increase in access to HELSB funds particularly in degree courses as well as an increase in the number of Higher Learning Institutions.

Higher Education

Table 8.2: Enrollment Trend in Universities and University Colleges by Institution and Sex, 2011/12 - 2015/16

Institutions	2011/2012			2012/2013			2013/2014			2014/2015			2015/2016		
	F	M	T	F	M	T	F	M	T	F	M	T	F	M	T
AAMU										1603	1827	3430			0
AJUCO													324	926	1250
AKU	65	69	134	51	45	96	79	65	144	78	64	142	33	67	100
AMUCO-TABORA	334	918	1252	91	197	288	26	84	110	0	0	0	471	1310	1781
ARU	1040	2368	3408	1181	2732	3913	1267	2597	3864	1335	2642	3977	1483	2640	4123
CUHAS	342	720	1062	438	845	1283	554	917	1471	701	1110	1811	945	1359	2304
DUCE	1137	1620	2757	1296	2092	3388	1240	2349	3589	1731	3577	5308	1296	2628	3924
ETU	288	408	696	482	647	1129	221	324	545	95	75	170	565	938	1503
HKMU	270	210	480	55	73	128	379	361	740	786	738	1524	599	544	1143
IMTU	351	606	957	446	542	988	170	212	382	169	213	382	384	650	1034
UoI	1637	2161	3798	1923	2338	4261	3327	4475	7802	1925	2340	4265	1772	2430	4202
JKUAT- ARUSHA	37	49	86	93	133	226	93	135	228	91	137	228	93	135	228
JUCO				889	1465	2354	1150	1903	3053	1191	1866	3057	1418	1999	3417
JKUCO				104	276	380	185	491	676	202	538	740	164	523	687
KCMCo	213	230	443	602	857	1459	582	746	1328	837	1096	1933	729	1071	1800
KIU	1059	1507	2566	1236	1657	2893	880	1319	2199	888	1325	2213	880	1319	2199
MARUCO													82	251	333
MMU	579	603	1182	649	1045	1694	1004	1001	2005	1201	1210	2411	1051	1023	2074
MU	3177	4016	7193	3535	4309	7844	4165	4730	8895	4551	4972	9523	5402	5880	11282
MU-Mbeya													1248	1317	2565
MoCU	1568	2385	3953	1968	2516	4484	1333	1704	3037	901	1158	2059	1663	2041	3704
MUCE	1014	1302	2316	959	1609	2568	1120	1586	2706	842	1213	2055	888	2744	3632
TUMA	923	949	1872	1059	2132	3191	940	1965	2905	859	2343	3202	1235	1884	3119
MUHAS	856	1804	2660	1082	1987	3069	1255	1801	3056	188	311	499	1339	2644	3983
MUM	1822	2891	4713	1050	1670	2720	1114	1408	2522	1144	1408	2552	1114	1431	2545
MUST				509	2645	3154	438	2311	2749	443	2310	2753	623	3120	3743
MWECU	138	212	350	719	1254	1973	2743	2558	5301	991	2108	3099	1012	2568	3580
NMA-IST				43	166	209	75	210	285	78	207	285	64	185	249
OUT	16078	35443	51521	18372	43488	61860	22811	51380	74191	27516	55485	83001	5223	9371	14594
RUCU	1639	3226	4865	1746	3565	5311	1807	3529	5336	1812	3539	5351	1741	3055	4796
SAUT	5624	7152	12776	7209	6746	13955	4181	6208	10389	3375	5408	8783	2670	4392	7062
SEKOMU	571	1082	1653	907	542	1449	527	888	1415	529	890	1419	473	780	1253
SFUCHAS				83	226	309	109	314	423	226	585	811	310	800	1110
SJCAST				56	110	166	86	284	370	86	284	370			
SJOCET				350	1994	2344	213	1140	1353	216	1143	1359	213	1140	1353
SJOCIT				137	635	772	44	150	194	44	150	194			
SJOCMF				3	19	22	14	35	49	14	35	49	14	35	49
SJCHS													173	307	480
SJUT	1860	2254	4114	3685	3745	7430	2222	2232	4454	2192	2553	4745	1537	2185	3722
STEMUCo				146	42	188	561	1369	1930	564	1372	1936	524	1069	1593
SMMUCO	XXX	XXX	XXX	793	1665	2458	229	307	536	232	310	542	691	1067	1758
SUA	1330	3347	4677	2600	5473	8073	2320	5005	7325	2892	5134	8026	2392	5786	8178
SUZA	750	691	1441	536	355	891	541	360	901	540	359	899	1083	1727	2810
TEKU	1592	2555	4147	2881	4702	7583	2925	4820	7745	2479	4218	6697	2477	4215	6692
TUDARCO	804	939	1743	1026	1005	2031	1039	1094	2133	1047	1106	2153	1090	854	1944
UAUT				0	9	9	0	5	5	0	5	5	9	42	51
SUMAIT	404	484	888	763	644	1407	1018	622	1640	133	10	23	1139	630	1769
UDOM	6328	11368	17696	5009	9250	14259	4468	9558	14026	5701	9575	15276	7414	22003	29417
UDSM	6053	10856	16909	5444	9315	14759	5006	8792	13798	5006	8792	13798	8305	16220	24525
UoA	677	1432	2109	1128	1623	2751	1201	1648	2849	1124	1774	2898	905	1363	2268
UoB	32	35	67	113	185	298	159	236	395	166	229	395	230	451	681
ZIBRET										25	13	38			
ZU				1051	1107	2158	1703	1970	3673	1913	2232	4145	1719	1529	3248
Grand Total	60592	105892	166484	74498	129677	204175	77524	137198	214722	80542	139989	220531	67209	122648	189857
% of female		36.9			36.4			36.5			36.5			35.4	

Higher Education

Table 8.3a: Enrollment in Government Universities and University Colleges for Degree Courses by Award and Sex, 2015/16

Name of Institutions	Bachelor				Post Graduate Diploma				Masters				Doctorate				GRAND TOTAL			
	M	F	T		M	F	T		M	F	T		M	F	T		M	F	T	
ARU	2399	1389	3788	0	0	0	0	0	203	81	284	28	36	2630	1478	4108				
MU Mbeya	908	847	1755	0	0	0	0	0	89	46	135	0	0	997	893	1890				
MoCU	1119	814	1933	31	13	44	122	62	184	0	0	0	0	1272	889	2161				
MU	3898	3673	7571	0	0	0	0	0	1564	1301	2865	36	11	47	5498	4985	10483			
MUCE	2740	881	3621	4	7	11	0	0	0	0	0	0	0	0	2744	888	3632			
MUHAS	1474	644	2118	0	0	0	0	0	423	254	677	17	10	27	1914	908	2822			
MUST	1960	258	2218	0	0	0	0	0	0	0	0	0	0	0	1960	258	2218			
NMAIST	0	0	0	0	0	0	0	0	91	33	124	94	31	125	185	64	249			
OUT	5811	3315	9126	220	111	331	858	385	1243	0	0	0	0	6889	3811	10700				
SUA	4954	2017	6971	21	22	43	314	159	473	169	44	213	5458	2242	7700					
SUZA	1071	749	1820	0	0	0	0	0	0	0	0	0	0	1071	749	1820				
UDSM	15576	7519	23095	20	20	40	363	590	953	55	121	176	16014	8250	24264					
UDOM	13716	5422	19138	30	39	69	532	204	736	117	37	154	14395	5702	20097					
DUCE	2615	1266	3881	13	30	43	0	0	0	0	0	0	0	2628	1296	3924				
Grand Total	58241	28794	87035	419	242	581	4559	3115	7674	516	262	778	63655	32413	96068					
% of Female	33.1						40.6				33.7					33.7				

Note:

The participation of female students in Degree Courses in Government Universities and University Colleges is 33.7% in 2015/16.

Table 8.3b: Enrollment in Government Universities and University Colleges for Non-Degree Courses by Award and Sex, 2015/16

Name of Institutions	Basic Certificate				Certificate				Ordinary Diploma				Advanced/ Higher Diploma				GRAND TOTAL			
	M	F	T		M	F	T		M	F	T		M	F	T		M	F	T	
ARU	0	0	0	0	0	0	0	0	10	5	15	0	0	0	0	0	10	5	15	
MU Mbeya	0	0	0	0	52	39	91	268	316	584	0	0	0	0	0	320	355	675		
MoCU	20	19	39	170	174	344	579	581	1160	0	0	0	0	769	774	1543				
MU	0	0	0	97	83	180	285	334	619	0	0	0	0	382	417	799				
MUCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
MUHAS	0	0	0	0	0	0	0	721	419	1140	9	12	21	730	431	1161				
MUST	354	86	440	347	82	429	459	197	656	0	0	0	0	1160	365	1525				
NMAIST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
OUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
SUA	0	0	0	16	10	26	312	140	452	0	0	0	0	328	150	478				
SUZA	0	0	0	39	27	66	0	0	0	0	0	0	617	307	924	656	334	990		
UDSM	0	0	0	128	52	180	78	3	81	0	0	0	0	206	55	261				
UDOM	0	0	0	37	39	76	7571	9244	0	0	0	0	0	7608	1712	9320				
DUCE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Grand Total	374	105	479	2608	1400	4008	11043	4186	15229	626	319	945	14651	6010	20661					
% of Female	21.9		34.9				27.5				33.8					29.1				

Note: The participation of female students in Non-Degree Courses in Government Universities and University Colleges is 29.1% in 2015/16

Higher Education

Table 8.4a: Enrollment in Non-Government Universities and University Colleges for Degree Courses by Award and Sex, 2015/2016

Name of Institutions	Bachelor			Post Graduate Certificate			Post Graduate Diploma			Masters			Doctorate			TOTAL		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
AMUCTA	1254	421	1675	0	0	0	9	4	13	36	18	54	0	0	0	1299	443	1742
CUHAS	914	658	1572	0	0	0	0	0	0	72	41	113	6	6	12	992	705	1697
ETU	241	104	345	0	0	0	0	0	0	72	41	113	6	6	12	319	151	470
IMTU	645	381	1026	0	0	0	4	1	5	0	0	0	0	0	0	649	382	1031
JOKUCO	512	152	664	0	0	0	0	0	0	0	0	0	0	0	0	512	152	664
JUCO	1645	1069	2714	0	0	0	0	0	0	140	88	228	0	0	0	1785	1157	2942
KCMUCo	917	585	1502	0	0	0	0	0	0	104	55	159	12	12	24	1033	652	1685
MARUCO	251	82	333	0	0	0	0	0	0	0	0	0	0	0	0	251	82	333
MMU	398	285	683	0	0	0	0	0	0	61	37	98	0	0	0	459	322	781
MWECAL	2399	870	3269	0	0	0	13	6	19	37	34	71	7	3	10	2456	913	3369
RUCU	2274	1132	3406	0	0	0	0	0	0	168	85	253	0	0	0	2442	1217	3659
SAUT	3925	2280	6205	0	0	0	6	3	9	211	144	355	19	6	25	4161	2433	6594
SFUCHAS	574	227	801	0	0	0	0	0	0	0	0	0	0	0	0	574	227	801
SJUT	1815	1188	3003	0	0	0	0	0	0	65	46	111	0	0	0	1880	1234	3114
SMMUCo	863	529	1392	0	0	0	10	11	21	5	5	10	0	0	0	878	545	1423
STEMUCO	858	323	1181	0	0	0	0	0	0	58	32	90	0	0	0	916	355	1271
TUDARCO	694	867	1561	0	0	0	0	0	0	34	58	92	0	0	0	728	925	1653
TUMA	1702	1039	2741	0	0	0	16	13	29	57	65	122	5	1	6	1780	1118	2898
UoA	1049	685	1734	0	0	0	35	30	65	47	13	60	0	0	0	1131	728	1859
UoB	429	211	640	0	0	0	0	0	0	14	2	16	0	0	0	443	213	656
HKMU	0	0	0	0	0	0	0	0	0	24	19	43	0	0	0	24	19	43
AKU	33	6	39	0	0	0	0	0	0	34	27	61	0	0	0	67	33	100
AJUCO	926	324	1250	0	0	0	0	0	0	0	0	0	0	0	0	926	324	1250
CARUMUCO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JKUAT	17	9	26	0	0	0	8	11	19	0	0	0	0	0	0	25	20	45
KIU	782	520	1302	0	0	0	5	3	8	58	21	79	0	0	0	845	544	1389
MUM	1249	965	2214	0	0	0	0	0	0	0	0	0	0	0	0	1249	965	2214
SEKOMU	780	473	1253	0	0	0	0	0	0	0	0	0	0	0	0	780	473	1253
SJCET	640	143	783	0	0	0	0	0	0	0	0	0	0	0	0	640	143	783
SJCMF	35	14	49	0	0	0	0	0	0	0	0	0	0	0	0	35	14	49
SJCHS	307	173	480	0	0	0	0	0	0	0	0	0	0	0	0	307	173	480
SJCAST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SJCIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SJUIT-Arusha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEKU	4111	2433	6544	0	0	0	23	8	31	81	36	117	0	0	0	4215	2477	6692
UAUT	42	9	51	0	0	0	0	0	0	0	0	0	0	0	0	42	9	51
ALSUMAIT	630	1139	1769	0	0	0	0	0	0	0	0	0	0	0	0	630	1139	1769
Uoi	1509	1055	2564	0	0	0	19	9	28	99	90	189	0	0	0	1627	1154	2781
ZU	1529	1719	3248	0	0	0	0	0	0	0	0	0	0	0	0	1529	1719	3248
Grand Total	35949	22070	58019	0	0	0	148	99	247	1477	957	2434	55	34	89	37629	23160	60789
% of Female	38.0						40.1			39.3			38.2			38.1		

Note: The participation of female students in Degree Courses in Non-Government Universities and University Colleges is 23,160 (38.1%) in 2015/16.

Higher Education

Table 8.4b: Enrollment in Non-Government Universities and University Colleges for Non-Degree Courses by Award and Sex, 2015/2016

Name of Institutions	Basic Certificate			Certificate			Ordinary Diploma			Advanced/ Higher Diploma			TOTAL		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
AMUCTA	0	0	0	10	16	26	1	12	13	0	0	0	11	28	39
CUNAS	0	0	0	0	0	0	367	240	607	0	0	0	367	240	607
ETU	0	0	0	16	12	28	603	402	1005	0	0	0	619	414	1033
IMTU	0	0	0	0	2	2	1	0	1	0	0	0	1	2	3
JOKUCO	0	0	0	6	9	15	5	3	8	0	0	0	11	12	23
JUCO	81	117	198	0	0	0	133	144	277	0	0	0	214	261	475
KCMUCo	0	0	0	0	0	0	38	77	115	0	0	0	38	77	115
MARUCO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MMU	0	0	0	12	17	29	552	712	1264	0	0	0	564	729	1293
MWECAU	0	0	0	29	37	66	83	62	145	0	0	0	112	99	211
RUCU	0	0	0	227	218	445	386	306	692	0	0	0	613	524	1137
SAUT	0	0	0	77	96	173	71	92	163	83	49	132	231	237	468
SFUCHAS	0	0	0	95	38	133	131	45	176	0	0	0	226	83	309
SJUT	0	0	0	165	100	265	140	203	343	0	0	0	305	303	608
SMMUCo	0	0	0	98	20	118	91	126	217				189	146	335
STEMUCo	0	0	0	34	42	76	119	127	246	0	0	0	153	169	322
TUDARCO	0	0	0	36	54	90	90	111	201	0	0	0	126	165	291
TUMA	0	0	0	32	33	65	72	84	156	0	0	0	104	117	221
UoA	0	0	0	48	30	78	184	147	331	0	0	0	232	177	409
UoB	2	5	7	2	3	5	4	9	13	0	0	0	8	17	25
HKMU	0	3	3	20	28	48	27	31	58	473	518	991	520	580	1100
AKU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AJUCO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARUMUCO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
JKUAT	0	0	0	34	25	59	76	48	124	0	0	0	110	73	183
KIU	0	0	0	243	180	423	231	156	387	0	0	0	474	336	810
MUM	0	0	0	134	111	245	48	38	86	0	0	0	182	149	331
SEKOMU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SJCET	0	0	0	48	13	61	452	57	509	0	0	0	500	70	570
SJCMF	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SJCHS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SJCAST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SJCIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SJUIT-Arusha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEKU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UAUT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALSUMAIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UoI	0	0	0	150	89	239	653	529	1182	0	0	0	803	618	1421
ZU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	83	125	208	1516	1173	2689	4558	3761	8319	556	567	1123	6713	5626	12339
% of Female		60.10			43.62			45.21			50.49			45.60	

Note: The participation of female students in Non-Degree Courses in Non-Government Universities and University Colleges is 5,626 (45.60%) in 2015/16.

Higher Education

Table 8.5: Gross Enrollment Ratio in Tertiary Education by Sex, 2015/16

DEGREE COURSES	Bachelor			Post Graduate Certificate			Post Graduate Diploma			Masters			Doctorate			TOTAL (Degree Courses)		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Non-University	5262	3164	8446	6240	3782	10022	708	426	1134	300	151	451	0	0	0	12510	7543	20053
Universities & University Colleges	94190	59864	145053	0	0	0	487	341	828	6036	4072	10021	571	296	929	101284	55573	156857
Total	99452	54048	153500	6240	3782	10022	1195	767	1962	6336	4223	10559	571	296	867	113794	63116	176910
% of Female in Degree Courses		85.6			6.0			1.2			6.7			0.5			35.7	
Population (Age 20-23)																		
GER																1528207	1842241	3370448
																7.4	3.4	5.2

Note: In 2015/16, the majority of students enrolled in higher learning institutions are males (64.3%). This is observed from the GER of 7.4% and 3.4% for males and females respectively. The total enrolment in higher learning institutions is still low compared to theoretical school age population of 20-23 years old.

Higher Education

Table 8.6: Academic Staff in Government and Non-Government Universities and University Colleges by Qualification, Nationality and Sex, 2015/16

Qualification	Tanzanians			Foreigners			Total		
	M	F	T	M	F	T	M	F	T
Certificate	0	0	0	0	0	0	0	0	0
Ordinary Diploma	16	3	19	0	0	0	16	3	19
Advanced Diploma	26	3	29	0	0	0	26	3	29
Higher Diploma	0	0	0	0	0	0	0	0	0
Bachelor Degree	720	257	977	4	2	6	724	259	983
Post Graduate Certificate	0	2	2	0	0	0	0	2	2
Post Graduate Diploma	0	0	0	0	0	0	0	0	0
Masters	2324	976	3300	55	42	97	2379	1018	3397
Doctorate (PhD)	1373	349	1605	108	26	134	1481	375	1739
Grand Total	4,459	1,590	6049	167	70	237	4626	1660	6286
Percentage(%)	96.2			3.8			100.0		

Note: 96.2% of Academic/Teaching Staff are Tanzanians while only 3.8% are Foreigners.

Higher Education

Table 8.7: Academic Staff Attrition in Universities and University Colleges by Reason, Qualification and Sex 2015/16

Qualification	Retired			Termination			Long illness			Employed elsewhere			Death			Total		
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
Below Form 4	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Form 4	2	1	3	1	0	1	0	0	0	1	0	1	0	0	0	4	1	5
Form 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Basic Certificate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Certificate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ordinary Diploma	4	1	5	2	2	4	0	0	0	0	0	0	0	0	0	6	3	9
Advanced Diploma	0	0	0	1	1	2	0	1	1	1	1	2	1	0	1	3	3	6
Bachelor Degree	0	0	0	4	3	7	0	0	0	15	2	17	1	1	2	20	6	26
Postgraduate Certificate	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Postgraduate Diploma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Masters	10	3	13	58	17	75	1	0	1	51	20	71	10	2	12	130	42	172
Doctorate	22	8	30	26	14	40	1	0	1	18	2	20	11	0	11	78	24	102
Grand Total	38	16	54	92	37	129	2	1	3	86	25	111	23	3	26	241	82	323
Percentage of Total	11.8	5.0	16.7	28.5	11.5	39.9	0.6	0.3	.9	26.6	7.7	34.4	7.1	.9	8.0	74.6	25.4	100

Note: Retired accounted (36.3%) while Death accounted 10.7%, Termination 26.5% whereas the least is long illness which accounted 0.5%. Males (60%) are leading in attrition than Females (40%).

9.0 FINANCING OF EDUCATION

Financing Education and Training is shared among Government, Communities, Parents and End-users. Government budgetary allocation to education and training is being enhanced annually in order to ensure better delivery of education and training services in terms of school infrastructure, teaching and learning materials as well as motivation to teachers.

Financing of Education

Table 9.1: MoEVT Budget allocation as % of Total Government Budget, Education Sector Budget and GDP, 2009/10- 2015/16

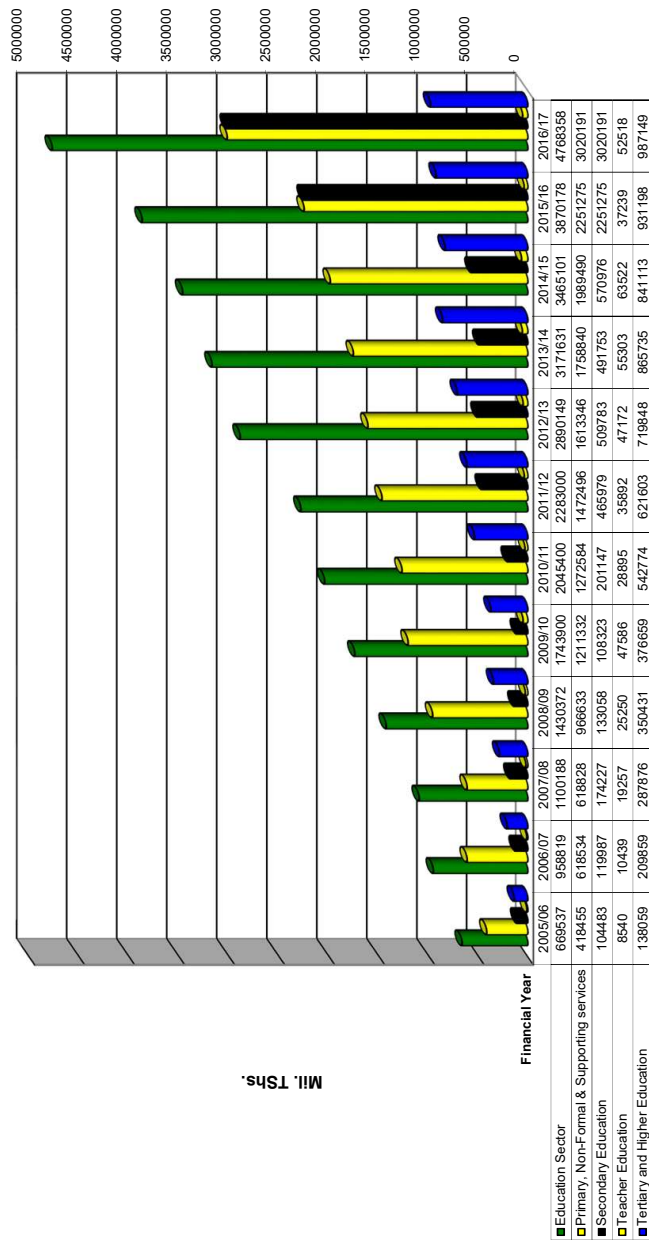
Year	Total Budget (in mill.shs)	GDP (at current prices in mill.shs)	Education Sector Budget (in mill.shs)	MoEVT Budget (in mill.shs)	Education Sector as % of Total Budget	Education Sector as % of GDP	MoEVT as % of Total Budget	MoEVT as % of Education Sector Budget	MoEVT as % of GDP
2009/10	9,513,685	40,932,805	1,743,900	507,493	18.3	4.3	5.3	29.1	1.2
2010/11	11,609,557	48,283,324	2,045,400	665,573	17.6	4.2	5.7	32.5	1.4
2011/12	13,525,895	56,846,833	2,283,000	659,297	16.9	4.0	4.9	28.9	1.2
2012/13	15,119,644	65,585,228	2,890,149	722,472	19.1	4.4	4.8	25.0	1.1
2013/14	18,248,983	74,778,620	3,171,631	689,681	17.4	4.2	3.8	21.7	0.9
2014/15	19,649,500	83,904,228	3,465,101	799,020	17.6	4.1	4.1	23.1	1.0
2015/16	22,495,500	93,725,581	3,870,178	947,963	17.2	4.1	4.2	24.5	1.0
*2016/17	29,500,000	105,747,227	4,768,358	1,396,930	16.2	4.5	4.7	29.3	1.3

Note: The Education Sector Budget has generally been decreasing in recent years from 19.1 % of Total Budget in 2012/13 to 16.2 % in 2016/2017. At the same time the Education Sector Budget has shown an increasing trend from 4.0% of GDP in 2011/12 to 4.5 % in 2016/17. Whereas Ministry of Education Budget in terms of Total National Budget has been the highest in 2010/11 (5.7%), and lowest in 2013/14 (3.8%).

NB: GDP 2015/2016 has been Estimated

Financing of Education

Chart 9.1: Budgetary Allocation to Education Sector by Levels 2005/06-2014/15



Financing of Education

Table 9.2: Budgetary Allocation to Education Sector by Education Levels 2004/05 - 2015/16(in mill.shs.)

Financial Year	Total Education Sector	Education SubSectors									
		Primary, Non-Formal, Other Education Institutions and Supporting Services		Secondary Education		Teacher Education		Technical & Higher Education			
		Total	% Share	Total	% Share	Total	% Share	Total	% Share		
2004/05	504,745	322,196	63.8	92,045	18.2	6,189	1.2	84,315	16.7		
2005/06	669,537	418,455	62.5	104,483	15.6	8,540	1.3	138,059	20.6		
2006/07	958,819	618,534	64.5	119,987	12.5	10,439	1.1	209,859	21.9		
2007/08	1,100,188	618,828	56.2	174,227	15.8	19,257	1.8	287,876	26.2		
2008/09	1,430,372	966,633	67.6	133,058	9.3	25,250	1.8	305,431	21.4		
2009/10	1,743,900	1,211,332	69.5	108,323	6.2	47,586	2.7	376,659	21.6		
2010/11	2,045,400	1,272,584	62.2	201,147	9.8	28,895	1.4	542,774	26.5		
2011/12	2,283,000	1,159,526	50.8	485,979	20.4	35,892	1.6	621,603	27.2		
2012/13	2,890,149	1,613,346	55.8	509,783	17.6	47,172	1.6	719,848	24.9		
2013/14	3,171,631	1,758,840	55.5	491,753	15.5	55,303	1.7	865,735	27.3		
2014/15	3,465,101	1,989,490	57.4	570,976	16.5	63,522	1.8	841,113	24.3		
2015/16	3,870,178	2,251,275	58.2	650,467	16.8	37,239	1.0	931,198	24.1		
2016/17	4,768,358	3,020,191	63.3	708,500	14.9	52,518	1.1	987,149	20.7		

Source: Ministry of Finance

Note: Primary Education, Non-Formal and Supporting Services in the whole Education Sector have the largest share (63.3%) followed by Technical and Higher Education (20.7%) while Teacher Education having the lowest allocation of 1.1% in 2016/17.

Financing of Education Table 9.3: Sector Budget Allocation by Vote 2016/17						
VOTE No.	Education Sector	2016/17 DEVELOPMENT EXPENDITURE			TOTAL DEVELOPMENT EXPENDITURE	TOTAL BUDGET
		TOTAL RECURRENT EXPENDITURE	LOCAL	FOREIGN		
46	Ministry of Education and Vocational Training	499,272,251	620,693,857	276,963,691	897,657,548	1,396,929,799
53-2001	Min. Community Dev. Women & Children (Community Training and Development)	16,273,427	2,500,000	310,679	2,810,679	19,084,106
56	PMO - RALG HOMBOLO+PEDP+SEDP	- 3,171,705	200,000 -	-	200,000	200,000
56	PMO RALG - Basic Education Coordination	12,677,390	1,534,000	19,360,964	20,894,964	33,572,354
94	Public Service Commission (Teachers' Service)	10,047,792	-	-	-	10,047,792
Regions		9,055,057	-	-	-	9,055,057
LGAs		3,057,804,652	-	-	125,052,308	3,182,856,960
21	Local Government Special Expenditures- Examination+NECTA	87,956,898			-	87,956,898
21	IRDP	6,097,668			-	6,097,668
50	NBAA	1,487,419			-	1,487,419
50	IAA	4,727,310			-	4,727,310
50	IFM	8,504,652			-	8,504,652
50	TJA	4,666,284			-	4,666,284
	Total Education Sector	3,721,742,506	624,927,857	296,635,334	1,046,615,498	4,768,358,004

NOTE: Figures in thousands Tshs

Financing of Education

Table 9.4: Regional Per Capita GDP at Current Market Prices, 2007 - 2015

REGION/YEAR	2007	2008	2009	2010	2011	2012	2013	2014 ^r	2015 ^p
Dodoma	413,635	498,758	554,412	658,638	753,165	913,841	1,011,390	1,111,818	1,188,343
Arusha	794,045	964,736	1,089,267	1,283,361	1,459,323	1,728,729	1,933,172	2,108,357	2,322,031
Kilimanjaro	820,812	998,267	1,084,322	1,193,765	1,453,932	1,700,466	1,927,968	2,123,423	2,387,031
Tanga	813,093	854,481	926,620	1,035,992	1,245,992	1,410,138	1,583,923	1,731,116	1,936,701
Morogoro	733,081	820,947	890,084	1,010,243	1,203,514	1,352,785	1,511,773	1,656,913	1,870,508
Pwani	510,378	605,126	655,939	777,081	900,817	1,033,360	1,145,034	1,253,378	1,403,185
Dar es salaam	1,448,528	1,768,045	2,132,851	2,363,207	2,756,812	3,383,368	2,655,398	2,797,694	3,025,543
Lindi	596,583	706,379	767,948	913,678	1,061,282	1,341,117	1,503,942	1,677,336	1,901,044
Mtwara	520,193	632,858	688,032	950,790	1,010,382	1,278,841	1,390,125	1,543,295	1,792,305
Ruvuma	845,543	1,021,361	1,102,947	1,175,791	1,446,666	1,700,756	1,919,307	2,106,945	2,415,486
Iringa	870,430	1,054,726	1,149,851	1,330,118	1,582,194	1,962,155	2,215,720	2,459,831	2,845,393
Mbeya	790,536	940,310	1,069,813	1,212,015	1,403,251	1,662,416	1,895,336	2,067,639	2,301,974
Singida	390,603	463,139	499,715	656,888	710,523	859,978	930,926	1,023,631	1,113,241
Tabora	527,087	626,935	674,914	717,850	863,955	1,059,034	1,180,744	1,284,981	1,380,413
Rukwa	686,298	824,076	898,936	986,384	1,166,859	1,338,931	1,490,059	1,618,883	1,840,724
Kigoma	507,909	595,672	646,094	677,937	817,398	836,181	941,015	1,024,826	1,152,553
Shinyanga	470,532	559,837	608,451	692,319	795,626	1,108,019	1,235,338	1,356,573	1,596,344
Kagera	470,248	556,303	606,080	667,464	785,922	856,688	959,260	1,042,171	1,075,288
Mwanza	709,128	847,264	1,001,273	1,126,185	1,299,682	1,429,220	1,645,136	1,790,731	2,004,353
Mara	632,589	751,077	802,791	872,185	1,042,175	1,299,785	1,461,960	1,591,617	1,776,538
Manyara	739,530	884,734	945,634	1,048,427	1,235,688	1,440,369	1,599,832	1,742,119	1,930,722
TANZANIA MAINLAND	699,127	830,024	927,330	1,045,848	1,222,224	1,408,223	1,582,797	1,724,416	1,918,928
Source:	National Bureau of Statistics (NBS) - National Accounting								

Note:

The per capita income at current prices, has gone up over the last 9 years (2007 to 2015) from an average of sh. 699,127 Tanzania Shillings in 2007 to 1,918,928 Tanzania Shillings in 2015. Dar es Salaam had highest per capita income (3,025,543) compared with other regions while Kagera had least per capita income (1,075,288).

r = revised figures; p = provisional figures.