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Abbreviations

AAGR	Average Annual Growth Rate
ABE	Alternative Basic Education
ADSD	Average Duration of Study for Dropout
ADSG	Average Duration of the Study for Graduates
AFR	Adult Facilitator Ratio
AIR	Apparent Intake Rate
ASC	Annual School Census
ATEO	Administration Town Education Office
CE	Coefficient of Efficiency
CRC	Cluster Resource Center
CR	Completion Rate
C to C	Child to Child
CSA	Central Statistics Agency
CTE	College of Teachers' Education
DR	Dropout Rate
ECCD	Early Child Care Development
ECCE	Early Child Care Education
EFA	Education for All
EMIS	Education Management Information System
GC	Gregorian Calendar
GER	Gross Enrolment Rate
GG	Gender Gap
GIR	Gross Intake Rate
GPI	Gender Parity Index
HEL	Highest Education Level
IERC	Inclusive Education Resource Center
IER	Internal Efficiency Rate
IOR	Input Output Rate
IFAL	Integrated Functional Adult Literacy

KG	Kindergarten
MDG	Millennium Development Goal
MoE	Ministry of Education
NER	Net Enrolment Rate
NIR	Net Intake Rate
NGO	Non-Governmental Organization
OEB	Oromia Education Bureau
OSZSF	Oromia Special Zone Surrounding Finfinnee
PI	Parity Index
PSR	Pupil Section Ratio
PTR	Pupil Teacher Ratio
PTBR	Pupil Text Book Ratio
PYW	Pupil Years Wasted
PPAPS	Pre- Primary Attached to Primary Schools
PR	Promotion Rate
RI	Representative Index
RR	Repetition Rate
RUPI	Rural Urban Parity Index
SMASEE	Strengthening Mathematics and Science Education in Ethiopia
SR	Survival Rate
SAP	School Age Population
SFR	Student Facilitator Ratio
ToT	Training of Trainers
TR	Transition Rate
TPY	Total Pupils Years
UPE	Universal Primary Education
W/DEO	Woreda/District Education Office
WR	Wastage Rate
ZEO	Zone Education Office

Forward

Relevant Education decision can be made based on relevant updated Education information system. Hence Oromia Education was producing annual education every year for its decision making process .It is known fact that our bureau is focusing on major education challenges like quality of education , internal efficiency, equitable access and effectiveness .To address such problems, reliable and timely processed education data and information are the critical elements to increase the performance of education system. Because such information helps for decision making, planning, monitoring and evaluation as well as educational research.

To facilitate what have mentioned above, education data must be collected, compiled, analyzed and finally disseminated to education leaders, practitioners, stockholders and researchers in annual bases. That is why Education Statistics Annual Abstract of the 2013 (2020/21 G.C) was compiled, to provide the relevant data and information of all our education sectors, in different approaches; with charts, graphs, tables and maps. I hope that this document is expected to meet the need of decision makers, planners, policy makers, researchers, development partners and other educational stakeholders by providing education data information of our region.

Finally, I would like to appreciate and thank the Education Management Information System/EMIS/ team of our Bureau for their endeavor of collecting, collating, compiling, organizing, validating and analyzing of this valuable education data.

Introduction

Education data is one of the critical input elements to increase the performance of education systems in terms of access, equity, quality and efficiency. Think of educational data as a machine that receives and uses inputs to help run the educational process, producing outputs that include things like progress, success, and achievement. The objective of collecting, compiling, analyzing and disseminating timely, comprehensive, reliable and valid Education data is to satisfy the need of data and information of decision makers, planners, policy makers, researchers, development partners and other educational stakeholders. To achieve this objective, we have launched the preliminary education quick abstract of the year 2013 (2020/21 G.C) months ago, it contains basic data for the immediate utilization until this education statistics annual abstract launched.

Unlike the previous years, the process of educational data collection, compilation, organization, analysis and delivery of the year 2013/2020/21 G.C. has been late due to two main reasons. Firstly, because of the reason that the MoE has seeking to collect the education data using mobile based tablet application. So that, we have been waiting for that system which unfortunately has not been realized till now. Secondly, due to COVID-19 pandemic that has significantly disrupted the education system as a whole and education data collecting process in particular.

However, the data has started to be collected lately based on standardized questionnaires designed for pre-primary including KG, Alternative Basic Education/ABE/, Primary education, Secondary education and Integrated Functional Adult Literacy program. It has been collected from all education institutions, encoded at district and verified at Zonal level and finally validated at regional level. Based on the validated data the publication is prepared by the regional EMIS team, edited and commented by regional education higher planning and language experts.

This publication is trying to accommodate both descriptive and analytical summaries of equitable access, quality and efficiency of education of the region, with executive summary, pre-primary, primary, secondary ABE, IFAL, CTE as well as essential education data indicators.

Finally, the regional EMIS team would like to thank all school principals and supervisors at schools' level, district, administrative towns and zonal statisticians who were involved in data collection, collation and verification as well as regional level education experts who were involved in edition of this document, that is why, it could not come to be real without the significant support and cooperation of them, right from the school to the regional level.

Executive Summary

The Regional Education Bureau gathers, compiles, analyses and disseminates educational information that covers all education subsectors; such as, Pre-primary, Primary, Secondary, Non-formal Education and CTEs in annual bases. So that, it describes, how the educational data of the year has been gathered and trends of basic data and information summary of the last five years educational performance.

A. Data Gathering Process

I. Preparation Stage

Although the process of educational data collection, compilation, organization, analysis and delivery of the 2013 (2020/21 G.C) has been started lately, the process has started by customizing and up-dating the annual data collection tools/questionnaires at national level right after we have informed to carry out the process via the former system. Following that, the tools have been translated in to Afan Oromo and then printed out and finally disseminated to all education institutions in the Region. The Annual School Census (ASC) of 2013, (2020/21 G.C) has covered 1,854 Kindergarten schools /KGs/, 1,819 Alternative Basic Education/ABE/ centers, 15,086 primary schools, 1,296 secondary schools and 8,945 Integrated Functional Adult Literacy program centers. In addition to these institutions educational data have been collected from 13 CTEs using a separate data collection tool developed by Ministry of Education /MoE/. These institutions are distributed in 21 zones, 19 administrative towns and 318 districts. Finally, after the dissemination of the tools, the remaining educational data gathering processes have passed through the following procedures.

- The Regional EMIS team has conducted Training of Trainers (ToT) at Regional level for all 318 district education office (DEO) statistician, 84 Zonal/Administrative town education offices (ZEO) statistician and ICT and EMIS team leaders on how to train the respective practitioners to fill the annual census questionnaires properly and the ToT trainees also conducted training for their respective supervisors and school directors at Cluster Resource Center (CRC) and district/administrative towns level.
- Workshop and training on the Annual School Census (ASC) questionnaires at District and Administrative town level for CRC supervisors and school principals has been given by the ToT trainees to create awareness on how to fill the questionnaires. With the acquired awareness; questionnaires were filled by school principals within 7 days at school level.

Finally, verification and approval of the filled census questionnaires have taken place by respective supervisors at CRC level and statisticians at district education office level respectively.

- Supervisors, DEO/ATEO and ZEO statisticians were overseeing the filling, retrieval and authentication of filled questionnaires by the school directors.
- After the filled questionnaires have been collected from schools, the process of encoding data has been taken place at administrative towns and districts level for 15-30 days, depending on the number and size of institutions in each district and administrative towns.
- Subsequently checking, verification, retrieval of authenticated questionnaires and settling conditions for data entry have under taken by the zonal and regional EMIS experts.

II. Data Validation and Verification Stage

Data entry has been done by District and Administrative Town statisticians at DEO/ATEO level under the supervision of the EMIS technical team at zonal level. This have been done by using the enabling tool called ‘StatEduc’ software that operating on a local area network. Right after the completion of data entry, district and administrative town statisticians have brought the data base to ZEO for verification. The data verifiers were checking the error within encoded data and also clear with different verification techniques. After the verified data at ZEO level, all the data bases were collected and merged at regional level to have regional aggregated data. The last process was data verification & refining process at regional level by respective zonal statisticians under the supervision of regional EMIS team, to clear errors and confirming the quality of the data.

III. Document Preparation Stage

After the regional EMIS team carried out the final validation and verification stage, the draft preliminary quick education abstract had been prepared and then distributed at Bureau level for temporary use and then the final “Education Statistics Annual Abstract of the year 2013 (2020/21 G.C)” were finalized and launched

B. Five Years Educational Sector Performance Summary

1. Equitable Access

I. Number of Education Institutions

The accessibility of education institutions is one of the most criteria for children to get access to education. The trend of number of institutions in five years, from 2009-2013 (2014/15-2020/21 G.C) in the region is shown in this table.

Five Years Trend of Number of Institutions, 2009-2013 (2016/17-2020/21 G.C)						
Institutions	Number of Institutions					AAGR
	2009	2010	2011	2012	2013	
Kindergartens (KGs)	1,657	1,726	1,819	1,943	1,854	2.3%
O-class	11,216	10,729	11,362	13,693	11,388	0.3%
Alternative Basic Education (ABE)	2,360	1,958	1,895	1,927	1,819	-5.1%
Primary schools (1-4)	3,962	3,810	3,741	3,748		
Primary schools (5-8)	10,347	10,709	10,989	11,189		
Primary schools (1-6)					5,402	
Primary schools (7-8)					9,684	
Primary schools (1-8)	14,309	14,519	14,730	14,937	15,086	1.1%
Secondary schools (9_10)	1,062	1,104	1,137			
Preparatory schools (11_12)	358	375	384			
Secondary schools (9_10)	1,367	1,428	1,465	1,278	1,296	-1.1%
Cluster Resource Centers (CRC)	2,766	2,812	2,812	2,843	2,879	0.8%
Colleges of Education (CTE)	12	12	13	13	13	1.6%

As indicated in the table, unlike 2013 (2020/21 G.C), the number of institutions of some subsectors has been increasing specifically Kindergartens, O-classes and primary schools with Average Annual Growth Rate (AAGR) of 2.3%, 0.3% and 1.1% respectively. But the AAGR of ABE centers and secondary schools was negative because the number of institutions was less in the final year than the baseline. The assumption behind this decrement is that, upgrading of ABE centers to regular primary schools and the being merged of preparatory schools to secondary schools, since 2012 (2019/20 G.C.). However, the case needs extra investigation.

II. Five Years Trend of Enrolment

The number of students enrolled in all subsectors has been fluctuating from year to year and significantly decreased in 2013 (2020/21 G.C) due to the COVID-19 pandemic. The trend of enrolment in all subsectors is shown in the table below.

Number of students Enrolled in the last five years, 2009-2013 (2016/17-2020/21 G.C.)

Sector	Subsector	Sex	Years					AAGR
			2009	2010	2011	2012	2013	
Pre-primary Education	Kindergarten	M	108753	121199	137646	159270	104,686	-0.8%
		F	102387	114592	127974	146644	100,362	-0.4%
		T	211140	235791	265620	305914	205048	-0.6%
	Child to Child	M	31974	22548	16461	13375	9313	-21.9%
		F	27567	19436	14195	11625	8134	-21.7%
		T	59541	41984	30656	25000	17447	-21.8%
	O-Class	M	374133	338199	335583	377851	374610	0.0%
		F	331792	301746	296347	331978	325,879	-0.4%
		T	705925	639945	631930	709829	700489	-0.2%
	Total Pre-primary	M	514860	481946	489690	550496	488609	-1.0%
		F	461746	435774	438516	490247	434375	-1.2%
		T	976606	917720	928206	1040743	922984	-1.1%
Alternative Basic Education	ABE	M	87349	77770	75154	72082	74780	-3.1%
		F	65447	58572	57737	55504	56789	-2.8%
		T	152796	136342	132891	127586	131569	-2.9%
Primary Education	1_4	M	2865433	2927448	2890439	2927878		0.5%
		F	2484116	2545760	2492045	2537293		0.5%
		T	5349549	5473208	5382484	5465171		0.5%
	1_6	M					3583539	
		F					3086680	
		T					6670219	
	5_8	M	1292045	1396288	1450972	1515087		4.1%
		F	1087939	1154988	1174486	1248306		3.5%
		T	2379984	2551276	2625458	2763393		3.8%
	7_8	M					641116	
		F					535217	
		T					1176333	
	1_8	M	4157478	4323736	4341411	4442965	4224655	0.3%
		F	3572055	3700748	3666531	3785599	3621897	0.3%
		T	7729533	8024484	8007942	8228564	7846552	0.3%
Secondary Education	Secondary (9-10)	M	361098	405753	442726	446613		5.5%
		F	289047	312894	331163	342974		4.4%
		T	650145	718647	773889	789587		5.0%
	Preparatory (11-12)	M	88207	95263	141607	293468		35.1%
		F	69431	69485	104631	205972		31.2%
		T	157638	164748	246238	499440		33.4%
	9_12	M	449305	501016	584333	740081	718250	9.8%
		F	358478	382379	435794	548946	572401	9.8%
		T	807783	883395	1020127	1289027	1290651	9.8%

As shown in the table above, enrolment has increased in secondary education for the last five years with AAGR of 9.8%, and the enrolment of students in preprimary, primary and ABE centers have been increasing for the last four years and significantly decreased in 2013 (2020/21 G.C).

III. Five Years Trend of Access Rates

A. Apparent Intake Rate/Gross Enrolment Rates (AIR/GER)

Like the number of students has been fluctuating for the last five years, the GER for all level of education in the region has also fluctuating with in the last five years.

Gross Enrolment Rates of the last five years, 2009-2013 (2016/17-2020/21 G.C)							
Sector	Subsector	2009	2010	2011	2012	2013	AAGR
Pre-primary GER	KG	6.9	7.6	8.5	9.6	6.9	0.0%
	O-Class	23.2	20.7	20.2	22.4	21.9	-1.2%
	C to C	2.0	1.4	1.0	0.8	0.5	-27.7%
	Average (Pre-primary)	32.1	29.7	29.6	32.8	28.8	-2.2%
Primary GER	Grade 1 (AIR)	169.5	170.0	165.4	163.9	129.3	-5.4%
	1_4	143.6	145.2	140.9	137.2		-1.1%
	1_6					114.3	
	5_8	63.9	67.6	69.4	73.0		3.3%
	7_8					62.1	
	1_8	104.4	106.8	105.8	107.6	101.3	-0.6%
Secondary GER	9_10	38.1	41.00	42.41	42.1		2.0%
	11_12	9.8	9.97	14.48	28.6		21.4%
	9_12				35.6	34.9	-0.4%

As indicated on the table, GER trends of all levels and grade one AIR have shown improvement for the last four years and decreased in 2013 (2020/21 G.C). Accordingly, the average GER of pre-primary education was 32.1% in 2009 (2016/17 C.G) and reached 32.8% in 2012 (2019/20 G.C) and finally dropped to 28.8% in 2013 (2020/21 G.C).

Even though grade one AIR still exceeds 100%, it means that most of the children joined the system at early or late of official schooling age. The same way, grade 1-4 regional average GER was 143.6% by 2009 (2016/17 G.C) and then decreased to 137.2% by 2012 (2019/20 G.C.). The dropout rate shows improvement in this cycle even though exceeding 100% GER implies that there are over and under aged children in the system.

Regarding to grade 5-8 GER, it was 63.9% in 2009 (2016/17 G.C) and increased to 73.0% in 2012 (2019/20 G.C.) by showing slight increments of 3.3% AAGR within the last four years interval. From the year 2013 (2020/21 G.C) on wards the structure of primary education has changed from 1-4 to 1-6

and from 5-8 to 7-8. The GER of grade 1-8 has also improved from 104.4% in 2009 (2016/17 G.C) to 101.3% % in 2013 (2020/21 G.C.) which seems that primary education coverage has been succeeded.

B. Net Enrolment Rates (NER)

As that of GER fluctuating for the last five years, the NER for all level of education in the region has also been fluctuating with in the last five years. The trend of NER for the last five years is presented in the following table.

Net Enrolment Rates of the last five years, 2009-2013 (2016/7-2020/21 G.C)							
Sector	Subsector	2009	2010	2011	2012	2013	AAGR
Primary NER	Grade 1 NIR	113.5	112.3	108.5	107.0	83.3	-6.2%
	1_4	119.6	120.4	116.0	113.0		-1.4%
	1_6					101.1	
	5_8	51.8	54.3	56.0	58.9		3.2%
	7_8					40.1	
	1_8	97.5	99.4	98.3	99.8	94.0	-0.7%
Secondary NER	9_10	17.5	18.9	19.6	20.4		3.8%
	11_12	5.6	5.2	8.0	13.3		21.6%
	9_12				25.6	24.1	-3.1%

As can be seen from the table, grade 1 Net Intake Rate (NIR) was decreased from 113.5% in 2009 (2016/17 G.C) to 83.3% in 2013 (2020/21 G.C.) that tells the number of children enrolled in grade one at official school age (age 7) has getting improved; but the number of children couldn't get access to school still exist in the region. The same way, the NER of grade 1-4 was also improved from 119.6% in 2009 (2016/17 G.C) to 113.0% in 2012 (2019/20 G.C.) which is still abnormal, because the NER never exceed 100%.

Regarding to grade 5-8 the NER in 2009 (2016/17 G.C) was 51.8% and then improved to 58.9% in 2012 (2019/20 G.C.) with AAGR of 3.2%. But, the NER of grade 1-8 has decreased to from 97.7% by 2009 (2016/17 G.C) to 94.0% in 2013 (2020/21 G.C.). On other hand, secondary education NER has also dropped from 25.6% in 2012 (2019/20 G.C) to 24.1% in 2013 (2020/21 G.C.).

II. Trend of Education Quality Indicators in The Last Five Years

A. Five Years Trend of Number and Qualification of Teachers

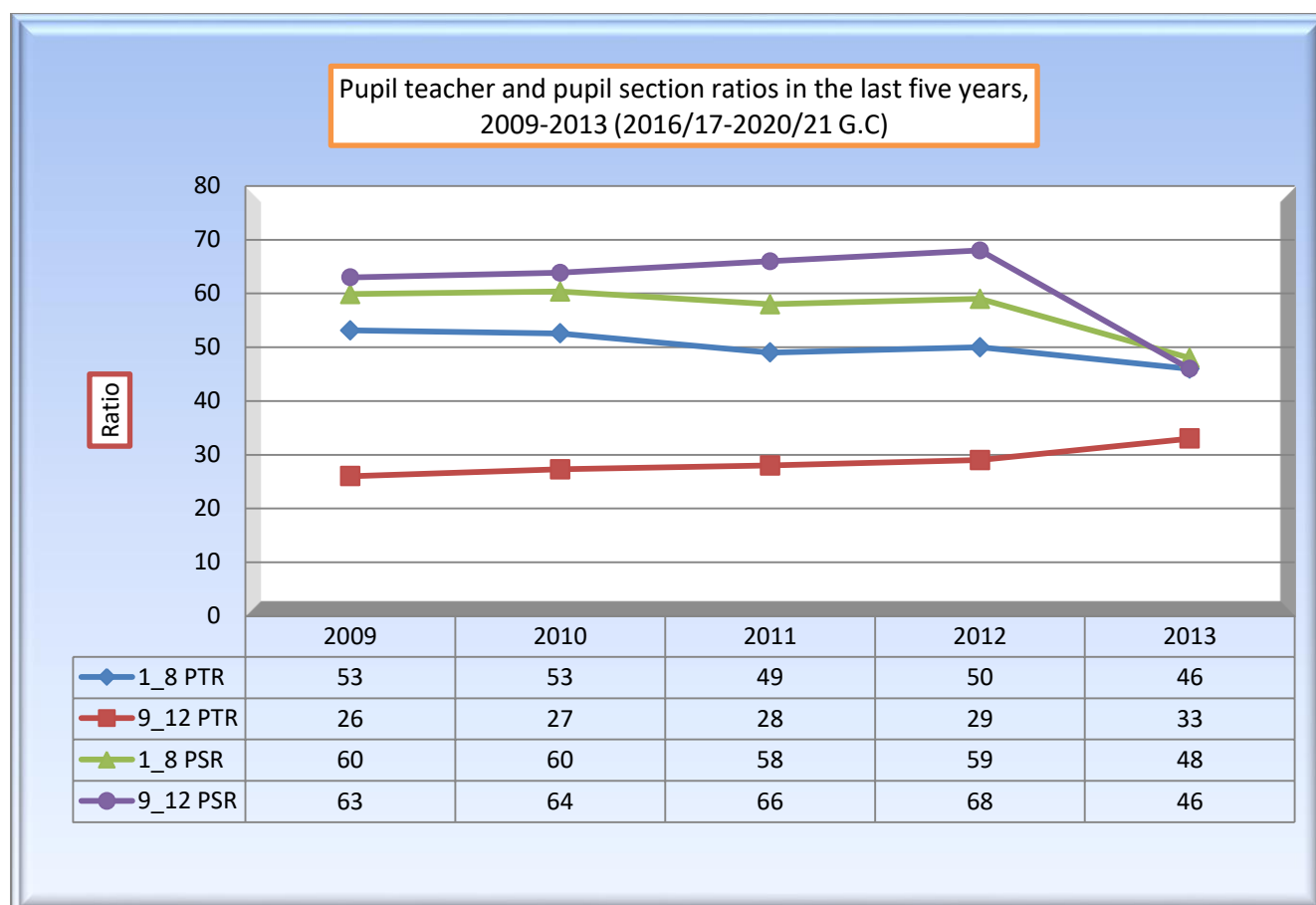
The number of teachers engaged in teaching-learning process has been increasing from year to year and the qualification of teachers for respective level has also been improved for the last five years.

Number of Teachers and percentage of Qualification in the last five years 2009-2013 (2016/17-2020/21 G.C)						
Subsector	Sex	2009	2010	2011	2012	2013
KG	M	1788	1976	2288	1019	829
	F	4421	4484	5938	9508	8101
	T	6209	6460	8226	10527	8930
"O-class"	M	2008	1819	1300	1498	1378
	F	3022	2722	2609	2899	2748
	T	5030	4541	3909	4397	4126
Total Pre-primary	M	3796	3795	3588	2517	2207
	F	7443	7206	8547	12407	10849
	T	11239	11001	12135	14924	13056
1_8	M	86758	90378	95697	98498	100516
	F	58692	62307	66381	67416	68340
	T	145450	152685	162078	165914	168856
	% of Qualification (Diploma & Above)	80.5	83.5	86.9	89.6	90.0
Garde 9_12	M	27123	28732	30517	31789	32871
	F	4906	5468	5873	6337	6712
	T	32029	34200	36390	38126	39583
	% of Qualification (Degree & Above)				95.5	94.9
	% of Qualification (Masters & Above)				9.4	11.9

As can be seen from the above table, the number of teachers has been increasing from year to year except for pre-primary education in 2013 (2020/21 G.C.). Undeniably, the total number of pre-primary education teachers has been increased from where it has been 11,239 in 2009 (2016/17 G.C) to 13,056 by 2013 (2020/21 G.C.). Number of teachers in primary education has been increasing within the last five years and reached 168,856 in 2013 (2020/21 G.C.) from where it has been 145,450 by 2009 (2016/17 G.C). Regarding number of teachers in secondary education, it has been also increasing within the last five years as that of primary. Accordingly, it was 32,029 in 2009 (2016/17 G.C) and increased to 39,583 by 2013 (2020/21 G.C.).

B. Five Years Trend of Pupil to Teacher Ratio/PTR/ and Pupil to Section Ratio/PSR/

The trend of pupil teacher and pupil section ratio of both primary and secondary schools in the region have been fluctuating in the last five years and remarkable improvement has been achieved in 2013 (2020/21 G.C)



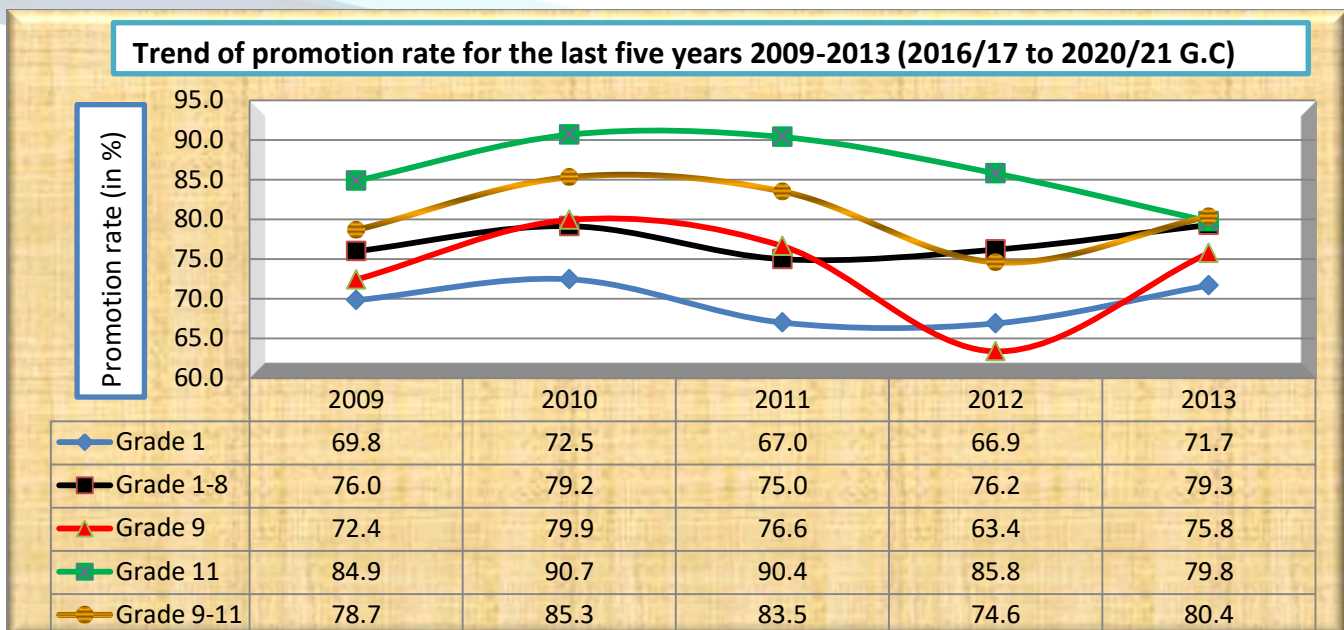
As shown in the above graph the PTR of primary education was 1:53 in 2009 (2016/17 G.C) and reached 1:46 by 2013 (2020/21 G.C.) The PSR of primary education at regional level also improved from 1:60 in 2009 (2016/17 G.C) and improved to 1:48 by 2013 (2020/21 G.C.). Regarding to secondary education the PTR was 1:26 in 2009 (2016/17 G.C) and reached 1:33 by 2013 (2020/21 G.C.). In the same scenario the PSR of secondary education has improved from 1:63 in 2009 (2016/17 G.C) to 1:46 by 2013 (2020/21 G.C.). The data in both primary and secondary education implies that the PTR and PSR have shown improvement and approaching to the standards 1:50 and 1:40 respectively by 2013 (2020/21 G.C.).

VI. Trend of Education Efficiency Indicators in The Last Five Years

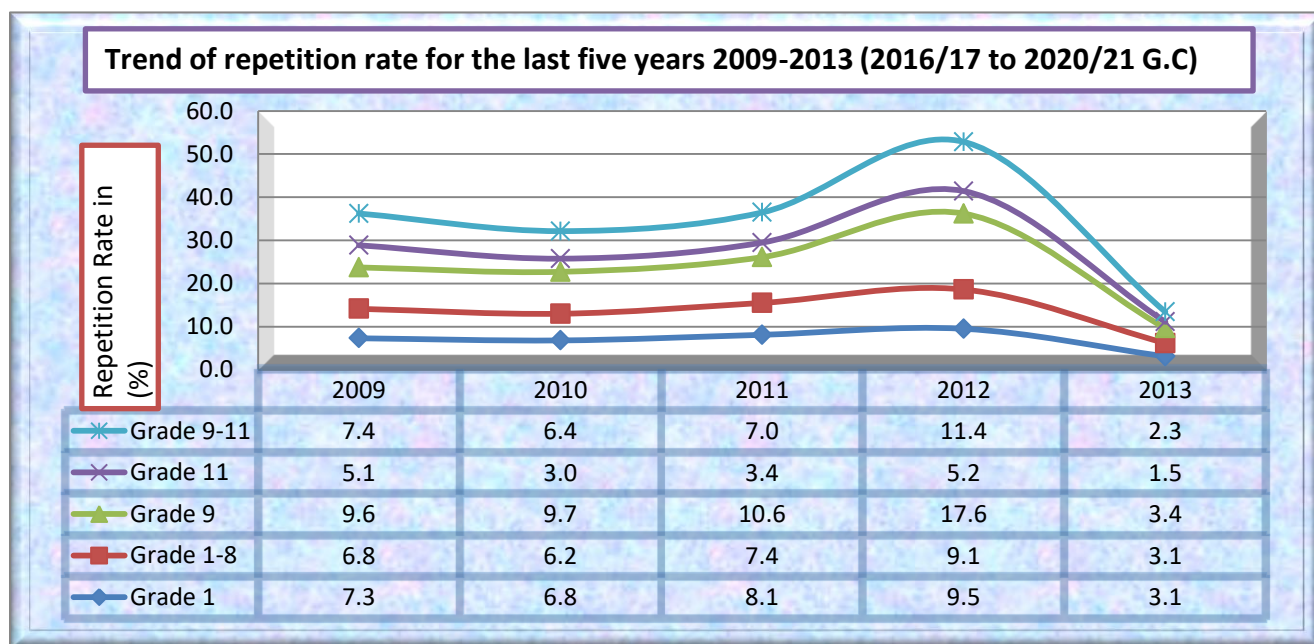
The indicators of internal efficiency of education are used to measure the impact and performance of a particular type or level of education. Indicators of internal efficiency of the education system include such issues as repetition rate, dropout rate, average attendance, promotion rate and others. The trend of the last five years promotion, repetition and dropout rates of the region has summarized in the following table.

Internal Efficiency Rates in the last five years 2009-2013 (2016/17-2020/21 G.C)																			
Years	Rates	Grade 1			Grade 1-8			Grade 9			Grade 10			Grade 11			Grade 9-11		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
2009	Prom.Rate(%)	69.9	69.7	69.8	76.3	75.7	76.0	73.0	71.7	72.4				85.0	84.7	84.9	79.0	78.2	78.7
	Rep.Rate(%)	7.4	7.2	7.3	7.0	6.7	6.8	10.4	8.7	9.6				6.0	4.0	5.1	8.2	6.4	7.4
	Droup.Rate(%)	22.7	23.1	22.9	16.8	17.6	17.2	16.6	19.6	17.9				9.0	11.3	10.0	12.8	15.4	13.9
2010	Prom.Rate(%)	72.5	72.5	72.5	79.5	78.7	79.2	79.0	81.2	79.9				91.8	89.3	90.7	85.4	85.2	85.3
	Rep.Rate(%)	6.9	6.7	6.8	6.3	6.1	6.2	10.2	9.1	9.7				3.4	2.6	3.0	6.8	5.9	6.4
	Droup.Rate(%)	20.7	20.8	20.7	14.2	15.2	14.7	10.9	9.7	10.3				4.8	8.1	6.3	7.8	8.9	8.3
2011	Prom.Rate(%)	67.2	66.9	67.0	75.7	74.1	75.0	75.5	78.2	76.6				89.6	91.6	90.4	82.5	84.9	83.5
	Rep.Rate(%)	8.2	7.9	8.1	7.6	7.3	7.4	11.0	10.0	10.6				3.5	3.2	3.4	7.3	6.6	7.0
	Droup.Rate(%)	24.6	25.2	24.9	16.7	18.6	17.6	13.5	11.8	12.8				6.9	5.2	6.2	10.2	8.5	9.5
2012	Prom.Rate(%)	66.6	67.2	66.9	76.2	76.3	76.2	63.7	62.9	63.4				85.9	85.7	85.8	74.8	74.3	74.6
	Rep.Rate(%)	9.6	9.5	9.5	9.0	9.2	9.1	16.1	19.6	17.6				5.2	5.3	5.2	10.7	12.4	11.4
	Droup.Rate(%)	23.8	23.3	23.6	14.8	14.6	14.7	20.2	17.5	19.0				8.9	9.0	9.0	14.5	13.3	14.0
2013	Prom.Rate(%)	72.1	71.3	71.7	79.1	79.5	79.3	72.6	79.7	75.8	87.9	90.2	88.9	77.3	83.4	79.8	78.1	83.5	80.4
	Rep.Rate(%)	3.1	3.0	3.1	3.1	3.0	3.1	3.7	3.1	3.4	2.1	1.7	1.9	1.5	1.5	1.5	2.5	2.1	2.3
	Droup.Rate(%)	24.8	25.7	25.2	17.7	17.5	17.6	23.7	17.1	20.8	10.1	8.1	9.3	21.2	15.1	18.7	19.5	14.4	17.3

As indicated on the table, promotion rate for grade one has been fluctuating from year to year and reached 71.7% in 2013 (2020/21 G.C) but had been 69.8 in 2009 (2016/17 G.C). The full primary grade 1-8 promotion rate has also been fluctuating in the last five years. Accordingly, it was 76.0% in 2009 (2016/17 G.C) and improved to 79.3% by 2013 (2020/21 G.C). In the same phenomenon, the promotion rate of secondary education (9-11) has been fluctuating and improved to 80.4% in 2013 (2020/21 G.C) from where it had been 78.7% in 2009 (2016/17 G.C). The following graph also shows the trend of promotion rate for the last five years.

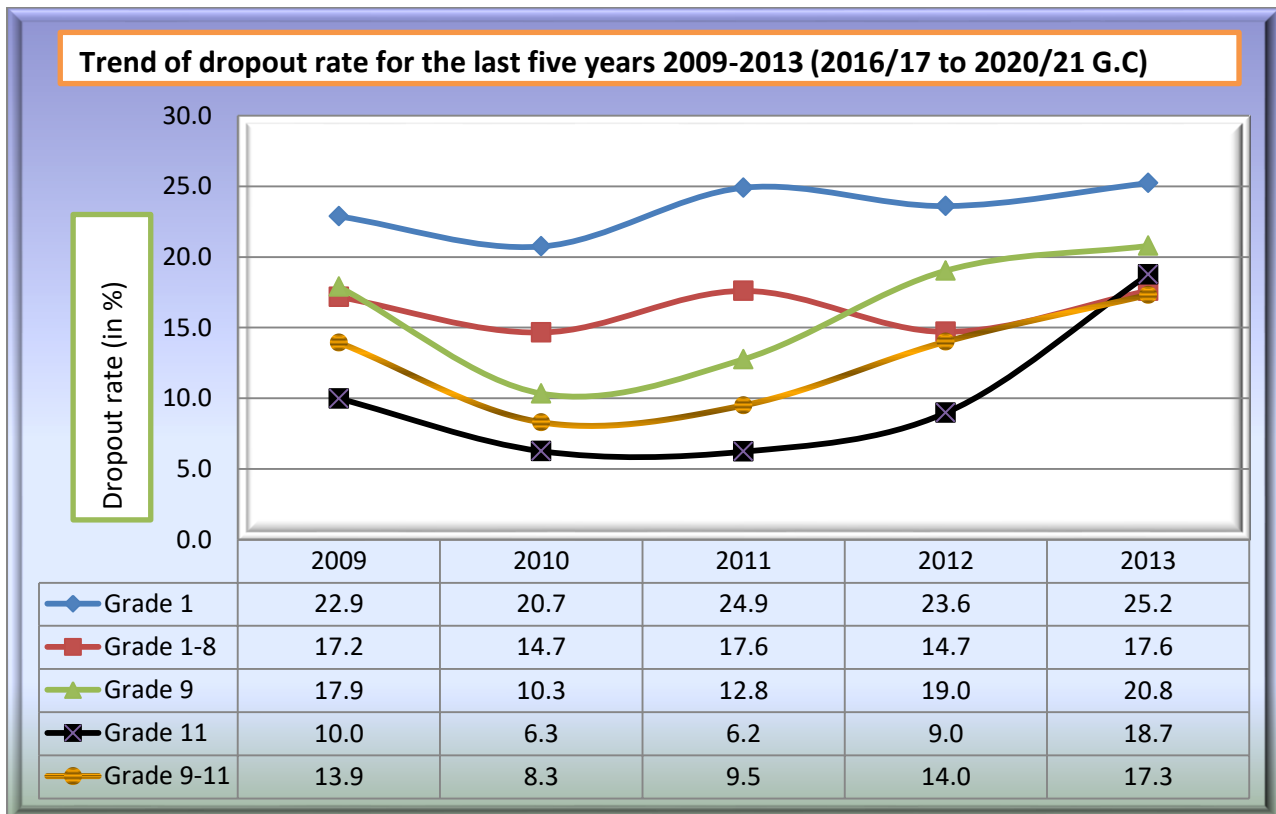


Regarding to repetition rate, it has been improved in 2013 (2020/21 G.C) when compared with the base line year 2009 (2016/17 G.C). As can be seen from the below graph, it has been enhanced from 7.3% to 3.1% for grade one, from 6.8% to 3.1% for primary grade 1-8 and from 9.6% to 3.4% for grade 9 as well as 5.1% to 1.5% for grade 11.



Dropout rate is significant in grade one and still double digit for the other class levels too. Unlike repetition rate, it hasn't been improved within the last five years but raised in 2013 (2020/21 G.C) when compared to the baseline year 2009 (2016/17 G.C). Accordingly, the dropout rate of grade one

was 22.9% in 2009 (2016/17 G.C) and rose to 25.2% by 2013 (2020/21 G.C). Meanwhile, it was 17.2% in 2009 (2016/17 G.C) for primary education and rose to 17.6% by 2013 (2020/21 G.C). In the same phenomenon, the dropout rate of secondary education grade 9-11 was 13.9% in 2009 (2016/17 G.C) and rose to 17.3% by 2013 (2020/21 G.C).



CHAPTER ONE

1. Pre-Primary Education

1.1. Overview of Pre-Primary Education

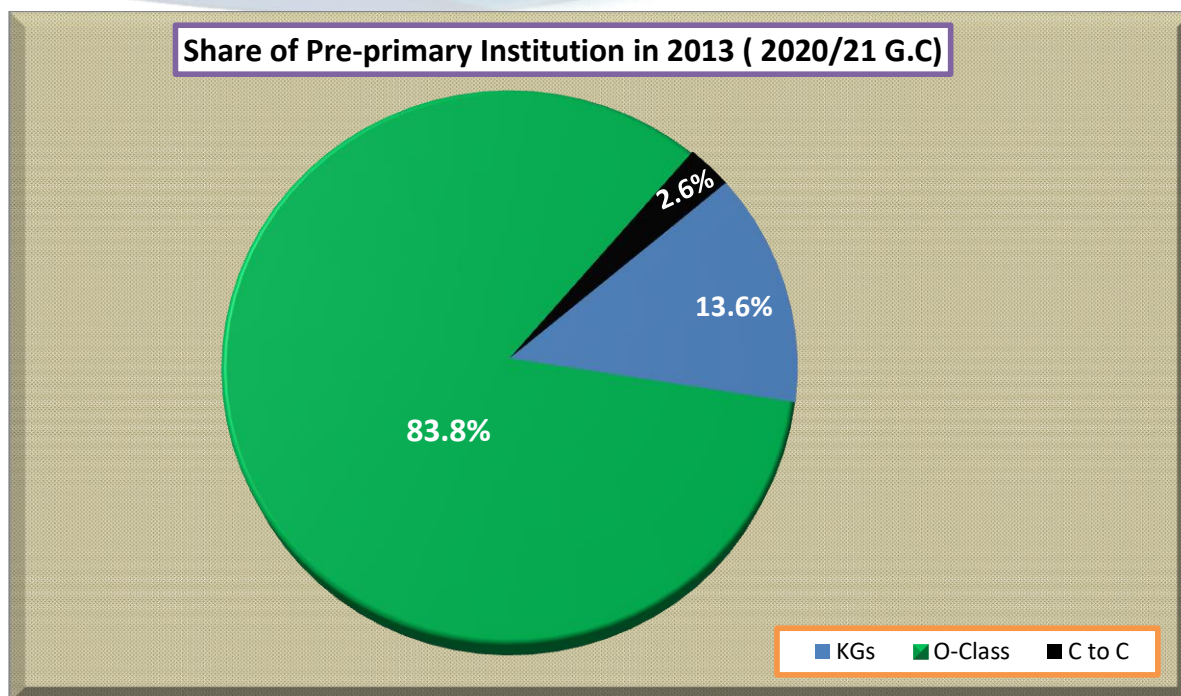
A pre-school, also known as nursery school, pre-primary school, or play school, is an educational establishment or learning space offering early childhood education to children before they begin compulsory education at primary school. Pre-primary education on the other hand, refers to the stage of education for children aged below 7 before their primary education starts.

Pre-primary education in Ethiopia includes kindergartens, O-class and child to child programs. Kindergartens are predominantly operated by private, communities and non-governmental organizations mostly in urban area. Government has been involving in pre-primary attached to primary schools O-class and child to child programs to address vulnerable and disadvantaged rural children of the level in the region.

1.2. Pre-Primary Institutions

Pre-primary education in the region has been delivered in kindergartens, Pre-primary attached to primary schools /PPAPS /O-class and child to child centers. The number of the pre-primary institutions has decreased in 2013 (2020/21 G.C) when compared with that of 2012 (2019/20.G.C). Accordingly, the numbers of KGs, O-Classes and C to C centers have decreased from 1,943 to 1854, 11, 963 to 11,388 and 458 to 358 respectively, the share of preprimary institutions have varies as indicated below.

Chart 1.2. 1 Pre-Primary Education Institutions

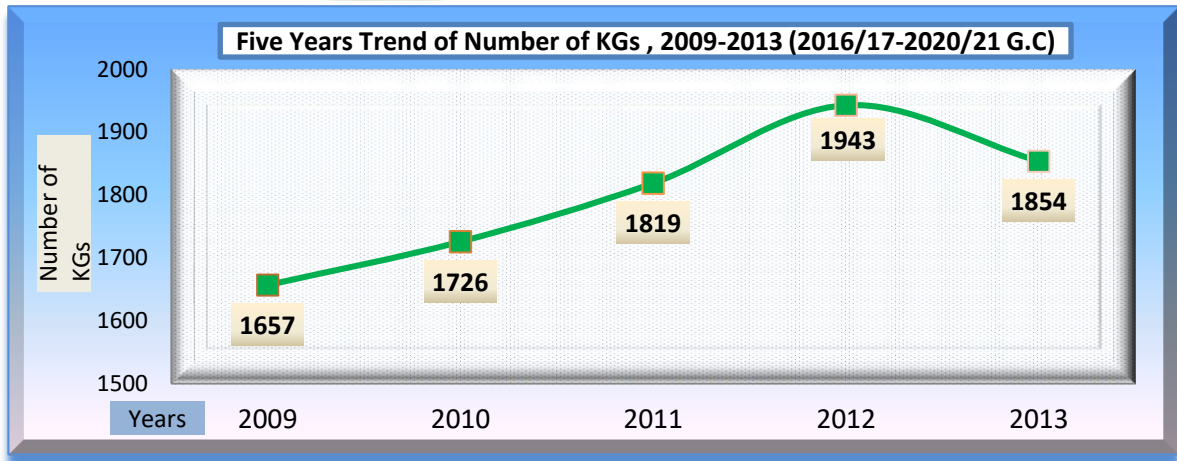


As can be seen from chart 1.2.1 above, the majority of pre-primary institutions were O-class programs (83.8%) followed by KGs (13.6%) and then Child to Child centers (2.6%).

The reason why number of O-class programs exceeds the other two modalities may be, due to the direction that all Government primary schools have to conduct the program. Based on the National Policy for Early Child Care Development /ECCD/, Oromia Education Bureau has been put in to practice since 2002 to benefit children of age 6 who do not have access to kindergarten by annexing it to public primary schools especially in rural areas for one year. That is why most of primary schools in the region (75.5%) were involved in the implementation of the program. But still, 24.5% of primary schools were not implementing the program in 2013 (2020/21 G.C).

The other modality to benefit children of age 4-6 is engaging them in kindergartens. The number of these institutions has shown increment from year to year except in 2013 (2020/21 G.C). Graph 1.2.1 below also shows five years trend of number of KGs in the region.

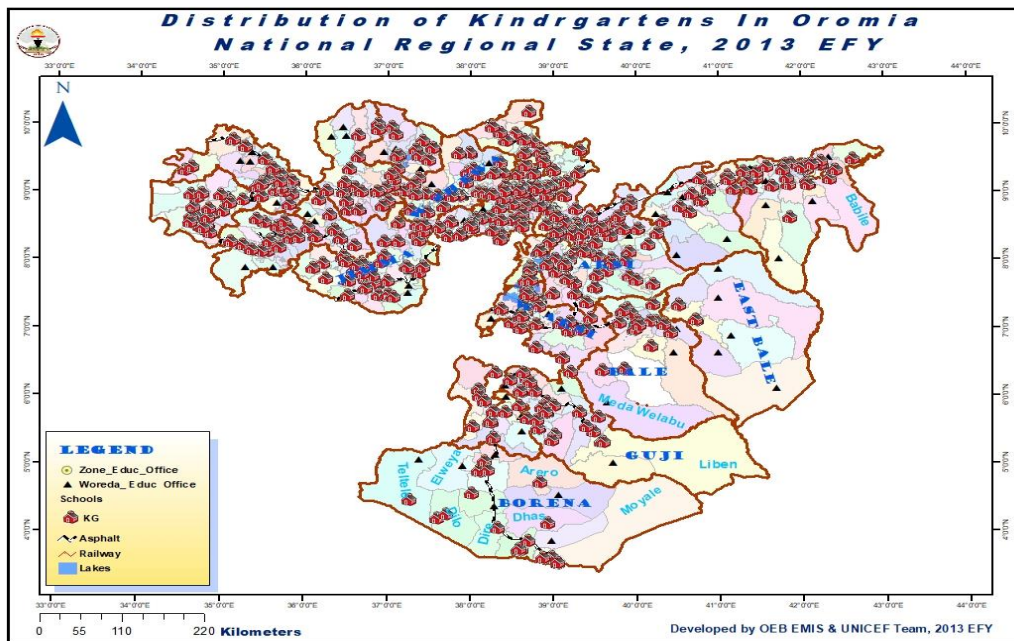
Graph 1.2. 1 Trend of Number of Kindergartens



As the trend of number of KGs in the last five years illustrated in graph 1.2.1 above, even though it had been increased from 1,657 in 2009 (2016/17 G.C) to 1,854 in 2013 (2020/21 G.C).

Regarding distribution, most of KGs are concentrated in urban areas of the region mainly owned by private and non-governmental organizations. Map 1.2.1 below shows that the distribution of KGs in respective zones administrative towns and districts.

Map 1.2.1 Kindergarten Schools Location Map at Regional Level



As can be seen on the map 1.2.1 above, most of KGs in the region are located in urban areas and along the main roads. As observed from the distribution map; all zones and few administrative towns and Zones like Borana, Guji, West Guji, East Bale, Bale, East Hararge and West Hararge need due attention in increasing access of kindergarten schools in all unreached woredas.

1.3. ENROLMENT IN PRE-PRIMARY EDUCATION

The total number of enrolments of pre-primary education in 2013 (2020/21 G.C) was 922,984 (M=488,609 and F=434,375) that the share of boy's accounts 52.9% of the total enrolment. On the other hand, among the three modalities of pre-primary education, large number of children has been enrolled in PPAPS/O-class program. Chart 1.3.1 below also shows the share of enrolment in modalities of pre-primary education in the region.

Chart 1.3. 1 Enrolment of Pre-Primary Institutions

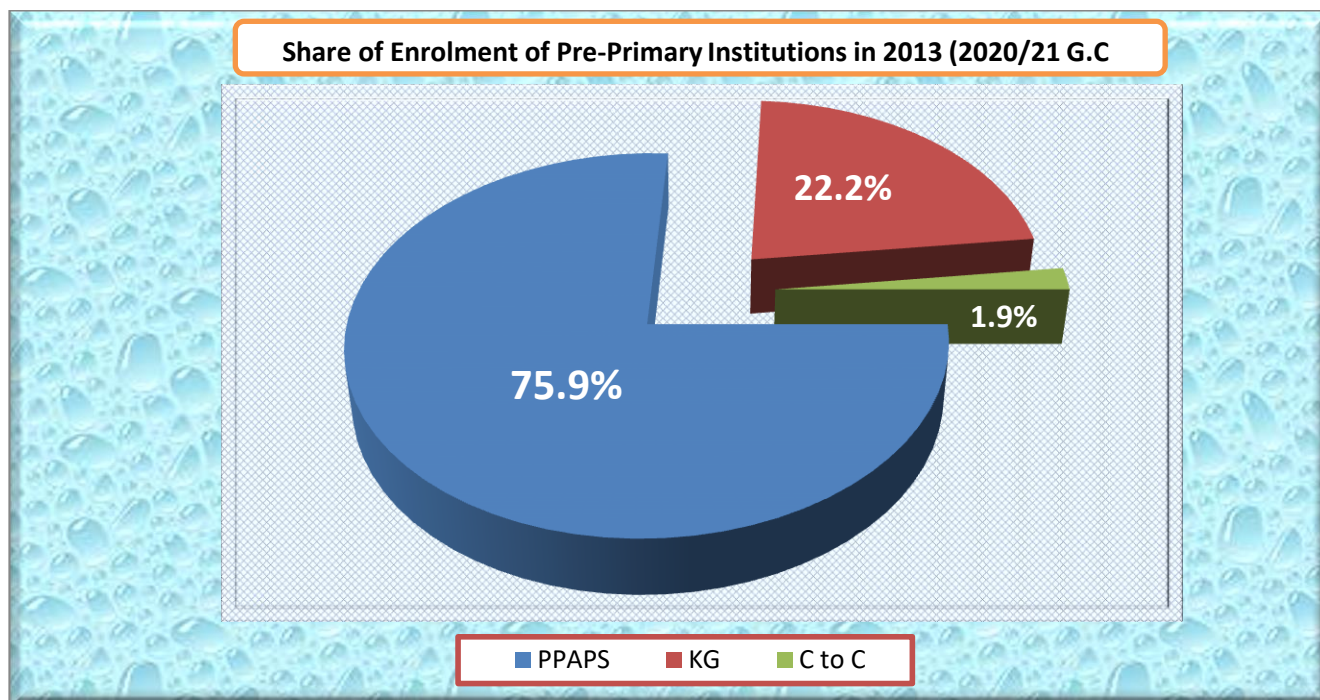
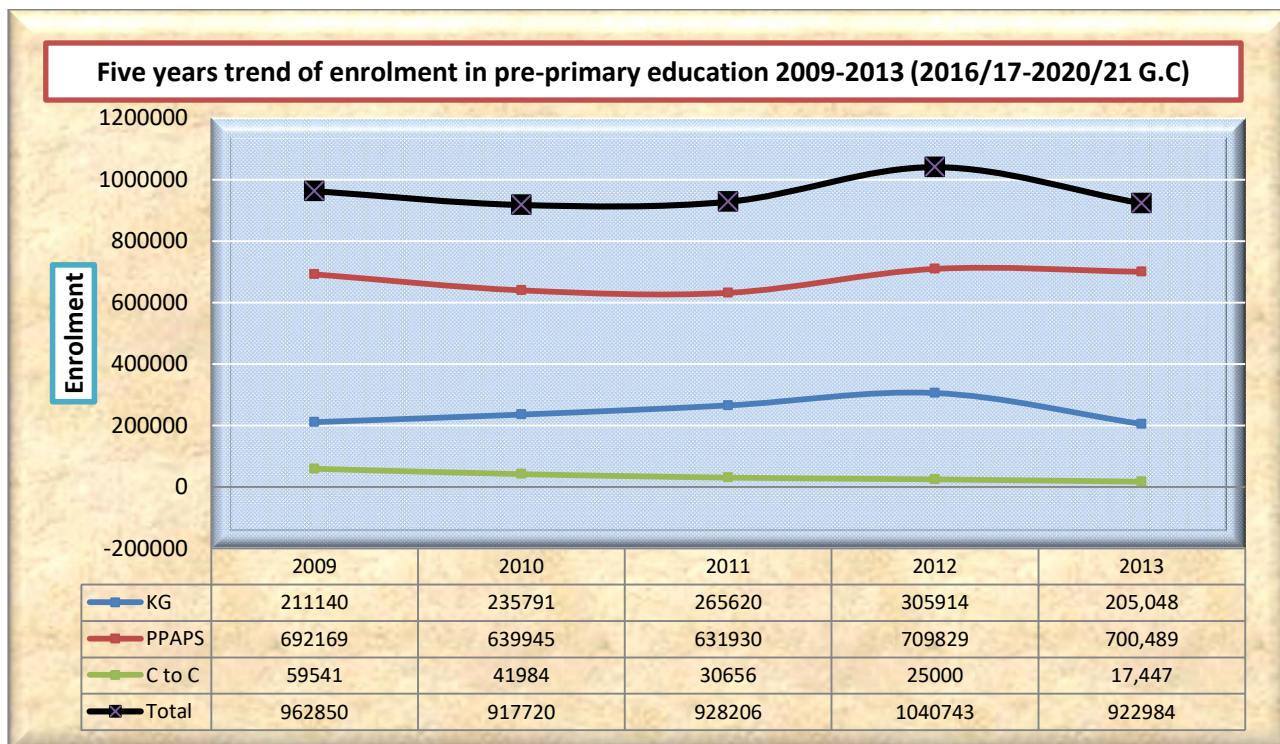


Chart 1.3.1 above clearly shows the share of pre-primary enrollment of the three modalities that the share of PPAPS /O-class/ enrolment exceeds the other two by accommodating 700,489 (75.9%) children followed by KG 205,048 (22.2%) and C to C centers 17,447 (1.9%).

Concerning five years trend of enrolments of pre-primary education it has been fluctuating from year to year. Graph 1.3.1 below shows five years 2009-2013 (2016/17-2020/21 G.C) trend of enrolment of pre-primary education by modality.

Graph 1.3. 1 Trend of Enrolment of Pre-primary Education



As illustrated in graph 1.3.1 above, the number of children enrolled in KGs has been increasing till 2012 (2020/21 G.C) and decreased by 2013 (2020/21 G.C). On the other hand, the number of children enrolled in PPAPS/O-class program has been decreased in 2010 (17/18 G.C) and increased for two consecutive years and again raised in 2012 (2019/20 G.C). Unlike in the two pre-primary education modalities the number of children enrolled in C-to-C program has been decreasing throughout all the five years.

In the same phenomenon the GER of this subsector has not getting improved as compared to the large population of pre-primary school age children. Table 1.3.1 below shows the distribution of pre-primary institutions, the SAP of pre-primary education, number of enrolled children of pre-primary education in the year 2013 (2020/21 G.C) by zones and administrative towns.

Table 1.3. 1 Number of Pre-Primary Institutions, School age population/SAP/ and Enrolment

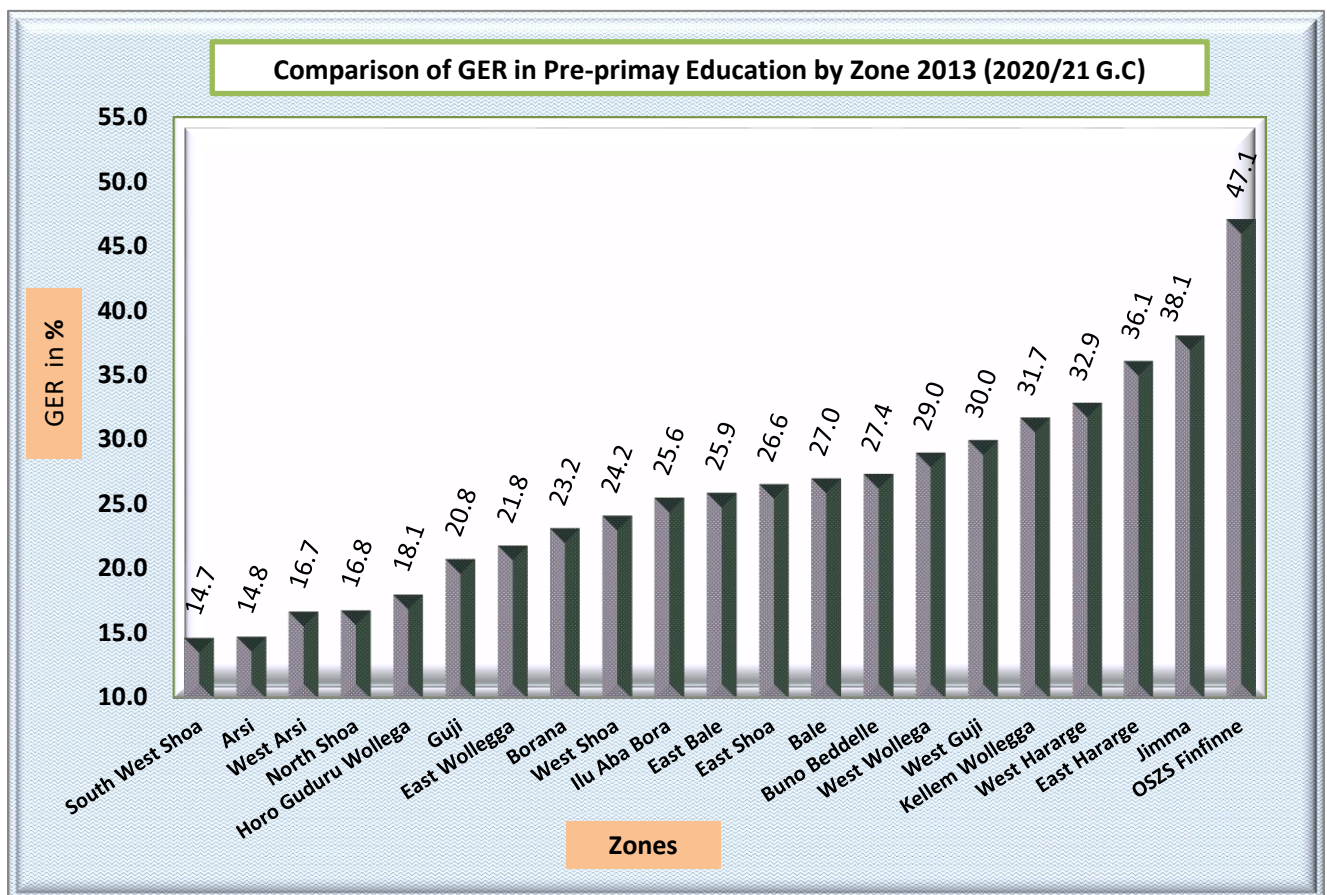
Number of Pre Primary Institutions, SAP and Enrolment in 2013 (2020/21 G.C.)																				
SN	Zones/Administrative Towns	No of Preprimary Institutions				SAP age (4-6)			Enrolment											
		KG	PPAP	C to C	Total	M	F	T	KG			PPAP			Child to Child			Total Pre Primary		
									M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	83	790	34	907	159565	155677	315242	4003	3892	7895	19839	17472	37311	816	682	1498	24658	22046	46704
2	Bale	36	404	48	488	54542	52151	106693	1705	1638	3343	12773	10734	23507	1071	931	2002	15549	13303	28852
3	Borena	35	330	4	369	29670	29087	58757	2406	2203	4609	4747	4164	8911	51	52	103	7204	6419	13623
4	Buno Beddele	22	327		349	36023	35448	71471	1158	1203	2361	9152	8058	17210				10310	9261	19571
5	East Bale	8	295	4	307	30258	29161	59419	608	594	1202	7909	6132	14041	88	77	165	8605	6803	15408
6	East Hararge	59	1224	16	1299	172679	167399	340078	4109	3779	7888	63000	50951	113951	539	408	947	67648	55138	122786
7	East Shoa	91	508	8	607	58831	56719	115550	5608	5137	10745	10299	9488	19787	99	91	190	16006	14716	30722
8	East Wollega	31	435	6	472	64738	63790	128528	1346	1360	2706	11458	10170	21628	1994	1752	3746	14798	13282	28080
9	Guji	55	399	11	465	76133	72683	148816	4688	4468	9156	11369	9906	21275	274	250	524	16331	14624	30955
10	Horo Guduru Wollega	27	263		290	30522	31445	61967	1490	1317	2807	4278	4106	8384				5768	5423	11191
11	llu Aba Bora	32	399	4	435	38017	37142	75159	1405	1284	2689	8485	7830	16315	104	99	203	9994	9213	19207
12	Jima	61	1216	6	1283	147861	145585	293446	3245	3081	6326	54097	50743	104840	286	247	533	57628	54071	111699
13	Kellem Wollega	50	399	11	460	44066	43043	87109	2446	2221	4667	11723	10809	22532	241	200	441	14410	13230	27640
14	North Shoa	48	497	55	600	58982	58144	117126	2405	2168	4573	6989	6025	13014	1133	1003	2136	10527	9196	19723
15	OSZS Finfinne	70	298		368	25956	25848	51804	2801	2825	5626	9896	8852	18748				12697	11677	24374
16	South West Shoa	36	301	24	361	50711	49982	100693	1577	1558	3135	5654	4904	10558	622	488	1110	7853	6950	14803
17	West Arsi	72	467	4	543	134727	132152	266879	3707	3461	7168	19835	17388	37223	129	140	269	23671	20989	44660
18	West Gujii	29	464	4	497	63723	62562	126285	3215	2965	6180	17145	14421	31566	71	65	136	20431	17451	37882
19	West Hararge	41	744	9	794	115901	112381	228282	3027	2853	5880	38245	30219	68464	386	331	717	41658	33403	75061
20	West Shoa	85	746	65	896	114059	112926	226985	4908	4862	9770	22138	19206	41344	1994	1752	3746	29040	25820	54860
21	West Wollega	63	699	38	800	74829	73713	148542	2876	2617	5493	18518	17167	35685	1006	933	1939	22400	20717	43117
22	Adama Admin Town	113	28	6	147	6395	6559	12954	8583	8147	16730	1444	1397	2841	269	251	520	10296	9795	20091
23	Ambo Admin Town	17	9		26	1391	1381	2772	1935	1892	3827	166	175	341				2101	2067	4168
24	Assela Admin Town	29	5	1	35	1735	1771	3506	1184	1235	2419	64	78	142	4	2	6	1252	1315	2567
25	Batu Admin Town	17	4		21	1533	1494	3027	1691	1916	3607	346	312	658				2037	2228	4265
26	Bishan Gurracha Admin Town	3	2		5	1426	1168	2594	199	191	390	353	343	696				552	534	1086
27	Bishoftu Admin Town	71	24		95	2881	2836	5717	3798	3582	7380	504	558	1062				4302	4140	8442
28	Burayu Admin Town	150	11		161	2480	2454	4934	6401	6482	12883	507	476	983				6908	6958	13866
29	Dukem Admin Town	11	7		18	453	414	867	1062	996	2058	234	249	483				1296	1245	2541
30	Gelan Admin Town	10	6		16	528	568	1096	470	467	937	151	140	291				621	607	1228
31	Holota Admin Town	29	7		36	821	791	1612	1156	1139	2295	114	100	214				1270	1239	2509
32	Jima Admin Town	55	14		69	3411	3480	6891	2425	2318	4743	525	477	1002				2950	2795	5745
33	L/Tafo L/Dadhi Admin Town	34	7		41	791	667	1458	1243	1230	2473	307	302	609				1550	1532	3082
34	Modjo Admin Town	16	5		21	1620	1665	3285	1131	1048	2179	227	237	464				1358	1285	2643
35	Nekemte Admin Town	34	10		44	2159	2067	4226	3229	3092	6321	356	393	749				3585	3485	7070
36	Robe Admin Town	18	7		25	1672	1628	3300	1079	992	2071	153	115	268				1232	1107	2339
37	Sebeta Admin Town	106	13		119	1520	1523	3043	5169	5128	10297	564	603	1167				5733	5731	11464
38	Shashemenne Admin Town	63	11		74	3869	3811	7680	2900	2779	5679	559	655	1214				3459	3434	6893
39	Sululta Admin Town	33	7		40	773	810	1583	1524	1502	3026	284	267	551				1808	1769	3577
40	Woliso Admin Town	11	6		17	1227	1275	2502	774	740	1514	203	257	460				977	997	1974
Total Oromia		1854	11388	358	13600	1618478	1583400	3201878	104686	100362	205048	374610	325879	700489	9313	8134	17447	488609	434375	922984

As shown in table 1.3.1 above, the total number of enrolments of pre-primary education in 2013 (2020/21 G.C) was 922,984 (M=488,609 and F=434,375) that the share of boys and girls from total enrolment accounts 52.9% and 47.1% respectively. Out of the total enrolment of pre-primary education, 205,048 (M=104,686 and F= 100,362) were enrolled in KGs, 700,489 (M=374,610 and F=325,879) were enrolled in O-class program as well as 17,447 (M=9,313 and F=8,134) were enrolled in C to C centers.

1.4. GROSS ENROLMENT RATES IN PRE-PRIMARY EDUCATION

Gross Enrolment Rate (GER) of pre-primary education is defined as the percentage of total number of children in the level irrespective of age out of the total population of 4-6 age children in specified area. In our region the pre-primary GER varies among zones and administrative towns, from zone to zone and quite lower in zones when compared to administrative towns. The pre-primary GER of 2013 (2020/21 G.C) by zone is presented in the next graph.

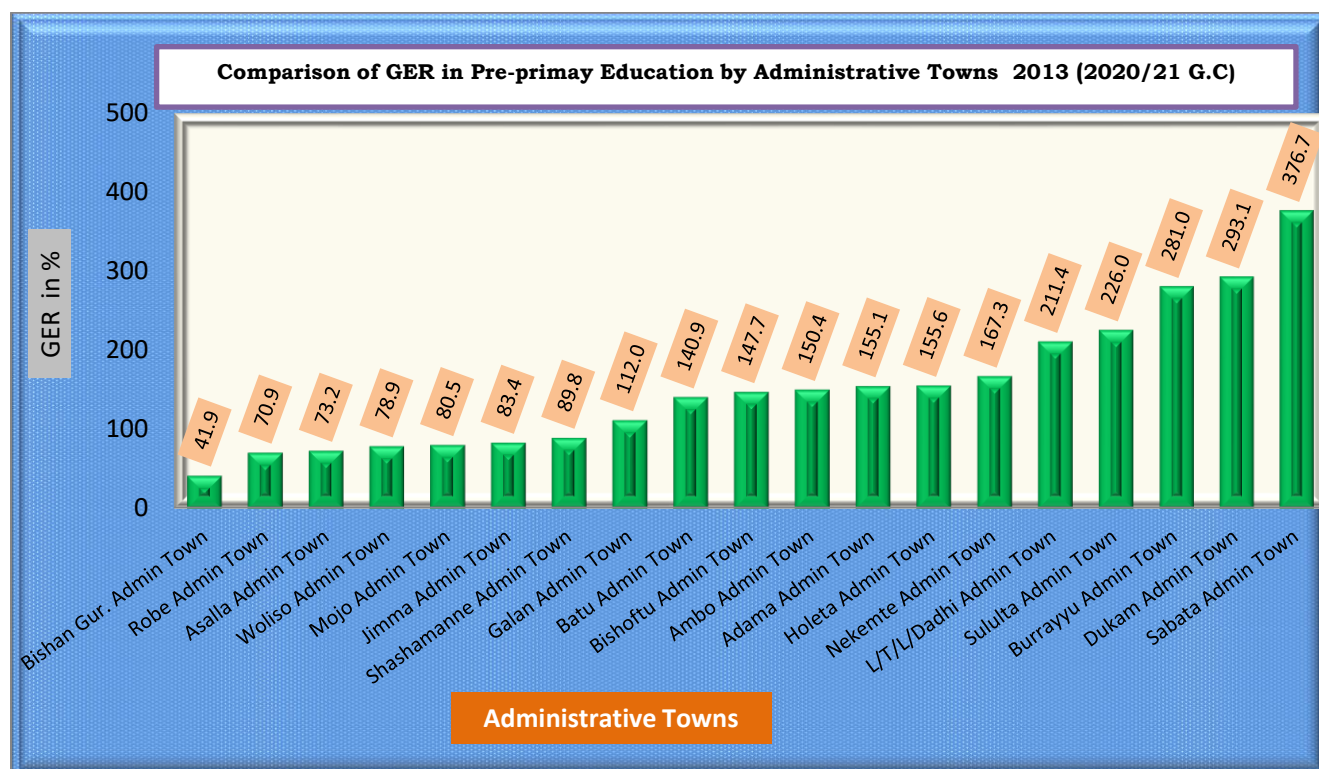
Graph 1.4. 1 Zonal Comparison of Pre-primary education GER



As indicated in graph.1.4.1 above, the pre-primary GER is lower in zones when compared to administrative towns and the value varies from zone to zone. The majority of zones in the region have lower pre-primary GER and the three zones with the least GER 2013 (2020/21 G.C) are South West Shoa, Arsi and West Arsi by having 14.7%, 14.8% and 16.7% respectively. On the other hand, there are seven Zones those have the highest pre-primary GER which is greater than the regional average. These zones are West Wollega, West Guji, Kellem Wollega, West Hararge, East Hararge, Jimma and Oromia special Zone surrounding Finfinne (OSZSF) by having 29.0%, 30.0%, 31.7%, 32.9%, 36.1%, 38.1% and 47.1% respectively.

Regarding Administrative towns all of them have pre-primary GER greater than the regional average (28.8%) and 12 administrative towns have pre-primary GER greater than 100%. Graph1.4.2. below shows the pre-primary education GER by administrative towns.

Graph 1.4. 2 Administrative Towns Comparison of GER for Pre-primary Education



As indicated in graph 1.4.2 above Bishan Guracha, Robe and Asella, Woliso, Modjo, Jimma and Shashamanne administrative towns have pre-primary GER less than 100% by having 41.9%, 70.9%, 73.2%, 78.9%, 80.5%, 83.4% and 89.8% respectively when compared to the rest administrative towns

12 Administrative towns in the region have pre-primary GER greater than 100%. Ultimately there are 5 Administrative towns that their pre-primary education GER exceeds 200% namely Sebeta (376.7%), Dukem (293.1%), Burayu (281.0%), Sululta (226.0%) and Lega Tafo Lega Dadi (211.4%). The reason why these administrative towns' pre-primary GER exceeds 200% has to be identified through research.

In summary, the average GER of pre-primary education at regional level in 2013 (2020/21 G.C) has decreased to 28.8% (M=30.2% F=27.4%) from where it has been 32.8% (M= 34.3%, F= 31.3%) in 2012 (2019/20 G.C). Similarly, the GER for Kindergartens, Pre-Primary Attached to Primary Schools (PPAPS) and O" class and Child to Child program were decreased from where it has been 9.6%, 22.4% and 0.8% in 2012 (2019/20 G.C) to 6.4%, 21.9% and 0.5% in 2013 (2020/21 G.C) respectively. The pre-primary GER and equity indicators are presented in table 1.4.1 below by zone, administrative towns and at regional level.

Table 1.4. 1 Pre-Primary Education Gross Enrolment Rates (GER)

Pre-Primary Education GER and Gender Equity 2013 (2020/21 G.C)																			
SN	Zones/Admistrative Towns	GER												Equity (KG + Pre primary)					
		KG			PPAP			Child to Child			KG + PPAP + CC			KG		PPAP		G + PPAP + C	
		M	F	T	M	F	T	M	F	T	M	F	T	GPI	GG	GPI	GG	GPI	GG
1	Arsi	2.5	2.5	2.5	12.4	11.2	11.8	0.5	0.4	0.5	15.4	14.1	14.8	1.00	0.0	0.90	1.2	0.92	1.3
2	Bale	3.1	3.1	3.1	23.4	20.6	22	2	1.8	1.9	28.5	25.5	27.0	1.00	0.0	0.88	2.8	0.89	3.0
3	Borana	8.1	7.6	7.8	16	14.3	15.2	0.2	0.2	0.2	24.3	22.1	23.2	0.93	0.5	0.89	1.7	0.91	2.2
4	Buno Beddelle	3.2	3.4	3.3	25.4	22.7	24.1	0	0	0	28.6	26.1	27.4	1.06	-0.2	0.89	2.7	0.91	2.5
5	East Bale	2	2	2	26.1	21	23.6	0.3	0.3	0.3	28.4	23.3	25.9	1.01	0.0	0.80	5.1	0.82	5.1
6	East Hararge	2.4	2.3	2.3	36.5	30.4	33.5	0.3	0.2	0.3	39.2	32.9	36.1	0.95	0.1	0.83	6.0	0.84	6.2
7	East Shoa	9.5	9.1	9.3	17.5	16.7	17.1	0.2	0.2	0.2	27.2	26	26.6	0.95	0.5	0.96	0.8	0.95	1.3
8	East Wollegga	2.1	2.1	2.1	17.7	15.9	16.8	3.1	2.7	2.9	22.9	20.7	21.8	1.03	-0.1	0.90	1.8	0.91	2.0
9	Guji	6.2	6.1	6.2	14.9	13.6	14.3	0.4	0.3	0.4	21.5	20	20.8	1.00	0.0	0.91	1.3	0.94	1.3
10	Horo Guduru Wollega	4.9	4.2	4.5	14	13.1	13.5	0	0	0	18.9	17.3	18.1	0.86	0.7	0.93	1.0	0.91	1.7
11	llu Aba Bora	3.7	3.5	3.6	22.3	21.1	21.7	0.3	0.3	0.3	26.3	24.9	25.6	0.94	0.2	0.94	1.2	0.94	1.5
12	Jimma	2.2	2.1	2.2	36.6	34.9	35.7	0.2	0.2	0.2	39	37.2	38.1	0.96	0.1	0.95	1.7	0.95	1.8
13	Kellem Wollegga	5.6	5.2	5.4	26.6	25.1	25.9	0.5	0.5	0.5	32.7	30.8	31.8	0.93	0.4	0.94	1.5	0.94	2.0
14	North Shoa	4.1	3.7	3.9	11.8	10.4	11.1	1.9	1.7	1.8	17.8	15.8	16.8	0.91	0.3	0.87	1.5	0.89	2.0
15	OSZS Finfinne	10.8	10.9	10.9	38.1	34.2	36.2	0	0	0	48.9	45.1	47.0	1.01	-0.1	0.90	3.9	0.92	3.7
16	South West Shoa	3.1	3.1	3.1	11.1	9.8	10.5	1.2	1	1.1	15.4	13.9	14.7	1.00	0.0	0.88	1.3	0.90	1.6
17	West Arsi	2.8	2.6	2.7	14.7	13.2	13.9	0.1	0.1	0.1	17.6	15.9	16.8	0.95	0.1	0.89	1.6	0.90	1.7
18	West Guji	5	4.7	4.9	26.9	23.1	25	0.1	0.1	0.1	32	27.9	30.0	0.94	0.3	0.86	3.9	0.87	4.2
19	West Hararge	2.6	2.5	2.6	33	26.9	30	0.3	0.3	0.3	35.9	29.7	32.8	0.97	0.1	0.81	6.1	0.83	6.2
20	West Shoa	4.3	4.3	4.3	19.4	17	18.2	1.7	1.6	1.7	25.4	22.9	24.2	1.00	0.0	0.88	2.4	0.90	2.6
21	West Wollega	3.8	3.6	3.7	24.7	23.3	24	1.3	1.3	1.3	29.8	28.2	29.0	0.92	0.3	0.94	1.5	0.94	1.8
22	Adama Admin Town	134.2	124.2	129.1	22.6	21.3	21.9	4.2	3.8	4	161	149.3	155.2	0.93	10.0	0.94	1.3	0.93	11.7
23	Ambo Admin Town	139.1	137	138.1	11.9	12.7	12.3	0	0	0	151	149.7	150.4	0.98	2.1	1.06	-0.7	0.99	1.4
24	Asalla Admin Town	68.2	69.7	69	3.7	4.4	4.1	0.2	0.1	0.2	72.1	74.2	73.2	1.02	-1.5	1.19	-0.7	1.03	-2.1
25	Batu Admin Town	110.3	128.2	119.2	22.6	20.9	21.7	0	0	0	132.9	149.1	141.0	1.16	-17.9	0.93	1.7	1.12	-16.3
26	Bishan Gurracha Admin Town	14	16.4	15	24.8	29.4	26.8	0	0	0	38.8	45.8	42.3	1.17	-2.4	1.19	-4.6	1.18	-7.0
27	Bishoftu Admin Town	131.8	126.3	129.1	17.5	19.7	18.6	0	0	0	149.3	146	147.7	0.96	5.5	1.12	-2.2	0.98	3.3
28	Burrayyu Admin Town	258.1	264.1	261.1	20.4	19.4	19.9	0	0	0	278.5	283.5	281.0	1.02	-6.0	0.95	1.0	1.02	-5.0
29	Dukam Admin Town	234.4	240.6	237.4	51.7	60.1	55.7	0	0	0	286.1	300.7	293.4	1.03	-6.1	1.16	-8.5	1.05	-14.6
30	Galan Admin Town	89	82.2	85.5	28.6	24.6	26.6	0	0	0	117.6	106.8	112.2	0.92	6.8	0.86	4.0	0.91	10.7
31	Holeta Admin Town	140.8	144	142.4	13.9	12.6	13.3	0	0	0	154.7	156.6	155.7	1.02	-3.2	0.91	1.2	1.01	-1.9
32	Jimma Admin Town	71.1	66.6	68.8	15.4	13.7	14.5	0	0	0	86.5	80.3	83.4	0.94	4.5	0.89	1.7	0.93	6.2
33	L/T/L/Dadhi Admin Town	157.1	184.4	169.6	38.8	45.3	41.8	0	0	0	195.9	229.7	212.8	1.17	-27.3	1.17	-6.5	1.17	-33.7
34	Mojo Admin Town	69.8	62.9	66.3	14	14.2	14.1	0	0	0	83.8	77.1	80.5	0.90	6.9	1.02	-0.2	0.92	6.6
35	Nekemte Admin Town	149.6	149.6	149.6	16.5	19	17.7	0	0	0	166.1	168.6	167.4	1.00	0.0	1.15	-2.5	1.02	-2.6
36	Robe Admin Town	64.5	60.9	62.8	9.2	7.1	8.1	0	0	0	73.7	68	70.9	0.94	3.6	0.77	2.1	0.92	5.7
37	Sabata Admin Town	340.1	336.7	338.4	37.1	39.6	38.4	0	0	0	377.2	376.3	376.8	0.99	3.4	1.07	-2.5	1.00	0.9
38	Shashamanne Admin Town	75	72.9	73.9	14.4	17.2	15.8	0	0	0	89.4	90.1	89.8	0.97	2.0	1.19	-2.7	1.01	-0.7
39	Sululta Admin Town	197.2	185.4	191.2	36.7	33	34.8	0	0	0	233.9	218.4	226.2	0.94	11.7	0.90	3.8	0.93	15.5
40	Woliso Admin Town	63.1	58	60.5	16.5	20.2	18.4	0	0	0	79.6	78.2	78.9	0.92	5.0	1.22	-3.6	0.98	1.4
Total Oromia		6.5	6.3	6.4	23.1	20.6	21.9	0.6	0.5	0.5	30.2	27.4	28.8	0.98	0.1	0.89	2.6	0.91	2.8

As can be seen from table 1.4.1 above, the average GER of pre-primary education at regional level in 2013 (2020/21 G.C) has reached 28.8% (M=30.2% F=27.4%). Regarding gender equity in pre-primary education, the average Gender Parity Index/GPI/ and Gender Gap/GG/ at regional level have reached 0.91 and 2.8 respectively that revealed the gender equity has not been succeeded and still it is in favor of boys. But, since the GER for boys and girls in KGs in zones like Arsi, Bale, Guji, South West Shoa, West Shoa and Nekemte Administrative town are equal, the GPI is 1 and GG is 0 that implies equity in KGs of those zones seems to be succeeded.

1.5. QUALITY INDICATORS IN PRE-PRIMARY EDUCATION

Quality Education is defined as one of the main factors that is pedagogically and developmentally sound and that makes the students in becoming active and productive members of the society. A quality education is supported by the three key pillars: ensuring access to quality teachers; providing use of quality learning tools and professional development; and the establishment of safe and supportive quality learning environments. In pre-primary education Pupil Teacher Ratio (PTR) and Pupil Section Ratio (PSR) in pre-primary education are the only two indicators used in this publication.

I. Teachers in Pre-primary Schools

In pre-primary attached to primary education almost all teachers are from primary schools to work side by side. Child to child program is held by trained young facilitators under full supervision of neighboring primary school. As shown on the table 1.5.1 below, it is possible to see that there are a total of 13,056 teachers where 83.1% of them are females. Among 13,056 teachers 8,930 of them are employed as KG teachers and 4,126 teachers are primary school teachers those teaching in O-class.

II. Pupil Teacher Ratio (PTR)

PTR gives an indication of contact between pupils and teachers in a classroom. If it is lower, then there is high chance of contact between a teacher and pupils and teachers will have enough time to take care of children and check out their homework and class work as well. In other words, the lower the PTR the better teaching learning process would be.

III. Pupil Section Ratio (PSR)

As shown in table 1.5.1 below, the regional average pupil section Ratio (PSR) of KG and O-Class in the academic year reaches 42:1 in general and administrative towns have average pupil section Ratio (PSR) of KG and O-Class which is 26:1 than Zones average which is 48:1.

Table 1.5. 1 Kindergarten and O-class Schools Summary in 2013 (2020/21 G.C.)

Pre Primary Education Student Teacher and Section Ratios, 2013 (2020/21 G.C)																		
SN	Zone/Administrative Towns	No of Section			Teaching Staff									KG + O-Class Enrolment			Ratios	
		KG	O-Class	Total	KG			O-Class			Total			M	F	T	P:S	P:T
					M	F	T	M	F	T	M	F	T					
1	Arsi	364	790	1154	37	294	331	68	139	207	105	433	538	23842	21364	45206	39	84
2	Bale	122	404	526	20	96	116	11	57	68	31	153	184	14478	12372	26850	51	146
3	Borana	100	330	430	34	66	100	15	29	44	49	95	144	7153	6367	13520	31	94
4	Buno Beddelle	64	327	391	14	59	73	63	104	167	77	163	240	10310	9261	19571	50	82
5	East Bale	45	295	340	3	43	46	23	26	49	26	69	95	8517	6726	15243	45	160
6	East Hararge	203	1224	1427	55	181	236	132	219	351	187	400	587	67109	54730	121839	85	208
7	East Shoa	631	508	1139	33	499	532	44	110	154	77	609	686	15907	14625	30532	27	45
8	East Wollegga	92	435	527	15	62	77	48	123	171	63	185	248	12804	11530	24334	46	98
9	Guji	268	399	667	84	194	278	65	42	107	149	236	385	16057	14374	30431	46	79
10	Horo Guduru Wollega	73	263	336	13	77	90	42	112	154	55	189	244	5768	5423	11191	33	46
11	Ilu Aba Bora	85	399	484	8	101	109	105	156	261	113	257	370	9890	9114	19004	39	51
12	Jimma	239	1216	1455	32	197	229	231	580	811	263	777	1040	57342	53824	111166	76	107
13	Kellem Wollegga	130	399	529	24	123	147	102	169	271	126	292	418	14169	13030	27199	51	65
14	North Shoa	233	497	730	16	178	194	13	40	53	29	218	247	9394	8193	17587	24	71
15	OSZS Finfinne	365	298	663	9	334	343	7	15	22	16	349	365	12697	11677	24374	37	67
16	South West Shoa	105	301	406	10	98	108	20	55	75	30	153	183	7231	6462	13693	34	75
17	West Arsi	303	467	770	45	212	257	69	113	182	114	325	439	23542	20849	44391	58	101
18	West Guji	149	464	613	34	129	163	39	40	79	73	169	242	20360	17386	37746	62	156
19	West Hararge	189	744	933	49	109	158	86	159	245	135	268	403	41272	33072	74344	80	184
20	West Shoa	294	746	1040	46	253	299	26	113	139	72	366	438	27046	24068	51114	49	117
21	West Wollega	161	699	860	43	144	187	67	121	188	110	265	375	21394	19784	41178	48	110
22	Adama AdminTown	1284	28	1312	21	874	895	33	61	94	54	935	989	10027	9544	19571	15	20
23	Ambo AdminTown	133	9	142	19	163	182	1	12	13	20	175	195	2101	2067	4168	29	21
24	Asalla AdminTown	155	5	160	17	148	165	2	6	8	19	154	173	1248	1313	2561	16	15
25	Batu AdminTown	177	4	181	30	107	137	13	19	32	43	126	169	2037	2228	4265	24	25
26	Bishan Gurracha AdminTown	9	2	11		18	18	1		1	1	18	19	552	534	1086	99	57
27	Bishoftu AdminTown	677	24	701	14	373	387	18	29	47	32	402	434	4302	4140	8442	12	19
28	Burrayyu AdminTown	855	11	866	18	663	681	7	11	18	25	674	699	6908	6958	13866	16	20
29	Dukam AdminTown	63	7	70	5	86	91	3	5	8	8	91	99	1296	1245	2541	36	26
30	Galan AdminTown	79	6	85	5	62	67	2	3	5	7	65	72	621	607	1228	14	17
31	Holeta AdminTown	124	7	131	6	109	115		3	3	6	112	118	1270	1239	2509	19	21
32	Jimma AdminTown	302	14	316	23	322	345	4	11	15	27	333	360	2950	2795	5745	18	16
33	L/T/L/Dadhi AdminTown	128	7	135	2	166	168	2	5	7	4	171	175	1550	1532	3082	23	18
34	Mojo AdminTown	143	5	148		116	116	2	8	10	2	124	126	1358	1285	2643	18	21
35	Nekemte AdminTown	142	10	152	3	174	177		7	7	3	181	184	3585	3485	7070	47	38
36	Robe AdminTown	61	7	68	5	114	119	4	6	10	9	120	129	1232	1107	2339	34	18
37	Sabata AdminTown	877	13	890	4	590	594	3	9	12	7	599	606	5733	5731	11464	13	19
38	Shashanne AdminTown	388	11	399	20	347	367	4	8	12	24	355	379	3459	3434	6893	17	18
39	Sululta AdminTown	220	7	227	5	126	131	1	11	12	6	137	143	1808	1769	3577	16	25
40	Woliso AdminTown	79	6	85	8	94	102	2	12	14	10	106	116	977	997	1974	23	17
Total Oromia		10111	11388	21499	829	8101	8930	1378	2748	4126	2207	10849	13056	479296	426241	905537	42	69

As shown in table 1.5.1 above, the number of O-class and Kindergarten teachers were in 2013 (2020/21 G.C) were 13,056 (M=2,207 and F=10,849) where 83.1% of them are female. Among the total 13,056 teachers, 8,930 (M=829 and F=8,101) of them are employed as KG teachers and 4,126 (M= 1,378 and F=2,748) teachers are primary school teachers but also have engaged in O-class program teaching and learning process.

As shown in the same table, the regional average of Pupil Teacher Ratio (PTR) for KG and O-class in the academic year have reached 69:1 in 2013 (2020/21 G.C.) which is far from the standard PTR (40:1). Administrative towns have a better average pre-primary PTR which is 23:1 than that of Zones' average pre-primary PTR which is 102:1 and is extremely far from the standard PTR.

Concerning to Pupil Section Ratio (PSR), it is presented in the table 1.5.1 above that the regional average PSR for KG and O-class in the academic year has reached 42:1 in 2013 (2020/21 G.C.) which seems to approach the standard. The average PSR of KG and O-class for administrative towns and zones have reached 26:1 and 48:1 respectively.

CHAPTER TWO

2. Primary Education

2.1. Equitable Access in Primary Education

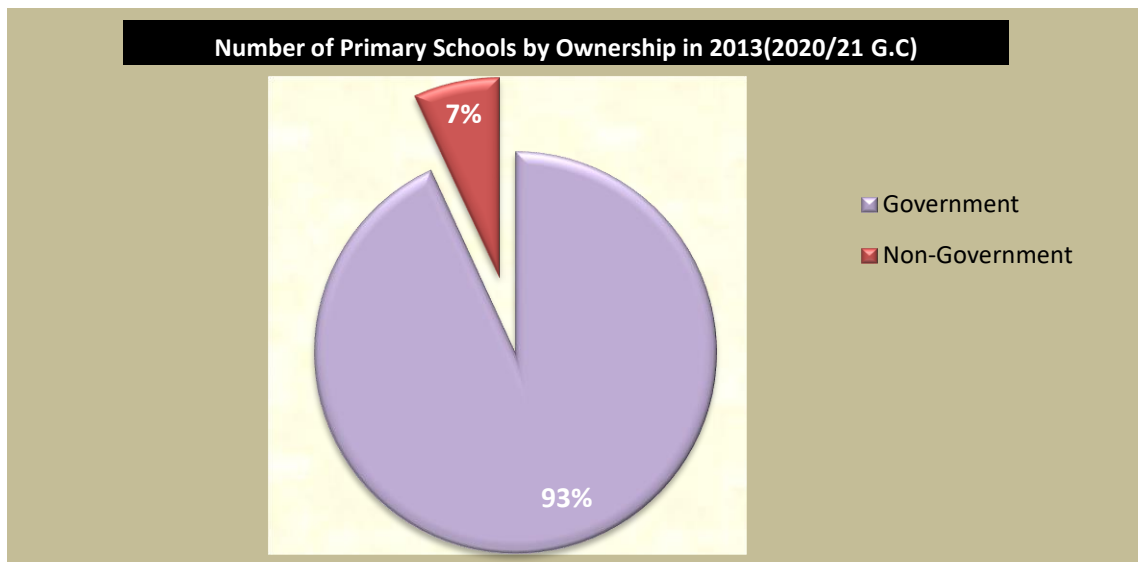
In Ethiopia, primary education is defined as education in Grades 1-8 that can be categorized in to two cycles; 1st cycle (grades 1-6) and 2nd cycle (grades 7-8). The program is normally designed on a unit or project based on basic education to develop pupils' ability to obtain and use information they need about their home, environment/community or the country.

2.1.1. Number of Primary Schools

I. Number of Primary Schools by Ownership, Cycle & Number of CRCs

There were 15,086 primary schools in the Region which were responded to the year 2013 (2020/21 G.C.) of the census. This number shows an increment of 149 schools (1%) as compared to 14,937 primary schools in 2012 (2019/20 G.C.). As shown in Graph 2.1.1 below among 15,086 primary schools 13, 970 (92.6%) were government owned whereas the rest 1,116 (7.4%) were owned by non-government organizations.

Graph 2.1. 1 Number of Primary Schools by Ownership



On the other hand, table 2.1.1 below also shows these primary schools in each Zones and administrative towns by cycle.

Table 2.1. 1 Primary Schools by Ownership

Primary Schools, By Ownership 2013 (2020/21 G.C.)										
SN	ZONE/ADMIN TOWN	Government	Church	International Community	Local community/ Public	Mission	Mosque	Private	Other	Total
1	Arsi	1068	9	0	3	0	1	21	1	1103
2	Bale	511	6	0	2	1	2	10	0	532
3	Borena	413	2	1	0	2	0	19	0	437
4	Buno Beddele	352	0	0	0	0	0	3	0	355
5	East Bale	319	1	0	0	0	0	5	0	325
6	East Hararge	1369	3	0	17	1	16	14	0	1420
7	East Shoa	595	18	5	2	6	2	35	1	664
8	East Wollega	637	4	0	0	2	0	12	0	655
9	Guji	787	8	0	2	3	0	20	1	821
10	Horo Guduru Wollega	315	0	0	0	0	0	21	0	336
11	Ilu Aba Bora	431	1	0	0	1	0	4	0	437
12	Jima	1254	2	0	0	0	2	5	0	1263
13	Kellem Wollega	446	8	0	1	5	1	5	1	467
14	North Shoa	682	6	0	0	0	0	9	2	699
15	OSZS Finfinne	298	1	1	0	0	0	29	0	329
16	South West Shoa	398	4	1	0	2	0	8	0	413
17	West Arsi	728	8	0	3	5	4	33	4	785
18	West Gujii	562	6	0	1	0	0	10	0	579
19	West Hararge	932	4	0	3	2	6	12	0	959
20	West Shoa	857	12	1	3	5	0	24	0	902
21	West Wollega	801	11	0	1	3	1	21	0	838
22	Adama Admin Town	28	11	2	3	1	1	72	2	120
23	Ambo Admin Town	10	2	0	0	2	0	7	0	21
24	Assela Admin Town	9	2	0	0	2	0	16	0	29
25	Batu Admin Town	6	1	1	0	2	1	7	0	18
26	Bishan Gurracha Admin Town	2	0	0	0	0	0	2	0	4
27	Bishoftu Admin Town	29	7	2	0	1	0	38	1	78
28	Burayu Admin Town	11	2	0	0	0	0	77	1	91
29	Dukem Admin Town	8	0	0	0	0	0	9	0	17
30	Gelan Admin Town	6	0	0	0	0	0	6	0	12
31	Holota Admin Town	9	1	0	1	0	0	7	0	18
32	Jima Admin Town	25	4	1	1	2	0	17	0	50
33	L/Tafo L/Dadhi Admin Town	7	0	0	0	0	0	18	0	25
34	Modjo Admin Town	5	1	1	0	0	0	4	0	11
35	Nekemte Admin Town	11	7	2	0	2	0	20	0	42
36	Robe Admin Town	7	8	0	0	0	0	8	1	24
37	Sebeta Admin Town	15	1	0	0	0	0	71	2	89
38	Shashemenne Admin Town	12	8	2	4	4	0	40	1	71
39	Sululta Admin Town	9	0	0	0	0	0	26	0	35
40	Woliso Admin Town	6	3	0	0	0	0	3	0	12
Oromia		13970	172	20	47	54	37	768	18	15086

Table 2.1. 2 Number of CRCs and Schools by Ownership and Cycle

Number of CRCs and Schools by Cycle and Ownership, in 2013(2020/21G.C.)														
SN	Zone/Administrative Town/ Woredas	Number of Primary Schools by Cycle				Number of Primary Schools by Ownership								
		CRC School	(1-6)	(7-8)	Grand total (1-8)	Government	Church	International Community	Local community	Mission	Mosque	Private	Other	Total
1	Arsi	239	897	909	1103	1068	9	0	3	0	1	21	1	1103
2	Bale	102	410	419	532	511	6	0	2	1	2	10	0	532
3	Borena	75	161	169	437	413	2	1	0	2	0	19	0	437
4	Buno Beddele	63	175	177	355	352	0	0	0	0	0	3	0	355
5	East Bale	66	243	244	325	319	1	0	0	0	0	5	0	325
6	East Hararge	265	772	793	1420	1369	3	0	17	1	16	14	0	1420
7	East Shoa	113	308	335	664	595	18	5	2	6	2	35	1	664
8	East Wollega	126	432	435	655	637	4	0	0	2	0	12	0	655
9	Guji	152	444	457	821	787	8	0	2	3	0	20	1	821
10	Horo Guduru Wollega	72	208	211	336	315	0	0	0	0	0	21	0	336
11	Ilu Aba Bora	84	244	247	437	431	1	0	0	1	0	4	0	437
12	Jima	237	957	962	1263	1254	2	0	0	0	2	5	0	1263
13	Kellem Wollega	98	339	347	467	446	8	0	1	5	1	5	1	467
14	North Shoa	139	408	411	699	682	6	0	0	0	0	9	2	699
15	OSZS Finfinne	61	198	211	329	298	1	1	0	0	0	29	0	329
16	South West Shoa	85	287	292	413	398	4	1	0	2	0	8	0	413
17	West Arsi	158	506	531	785	728	8	0	3	5	4	33	4	785
18	West Gujji	109	322	332	579	562	6	0	1	0	0	10	0	579
19	West Hararge	192	435	441	959	932	4	0	3	2	6	12	0	959
20	West Shoa	186	694	709	902	857	12	1	3	5	0	24	0	902
21	West Wollega	178	581	596	838	801	11	0	1	3	1	21	0	838
22	Adama Admin Town	9	21	70	120	28	11	2	3	1	1	72	2	120
23	Ambo Admin Town	3	9	18	21	10	2	0	0	2	0	7	0	21
24	Assela Admin Town	4	8	19	29	9	2	0	0	2	0	16	0	29
25	Batu Admin Town	3	6	11	18	6	1	1	0	2	1	7	0	18
26	Bishan Gurracha Admin Town	1	1	2	4	2	0	0	0	0	0	2	0	4
27	Bishoftu Admin Town	7	15	42	78	29	7	2	0	1	0	38	1	78
28	Burayu Admin Town	9	10	51	91	11	2	0	0	0	0	77	1	91
29	Dukem Admin Town	3	2	8	17	8	0	0	0	0	0	9	0	17
30	Gelan Admin Town	2	6	10	12	6	0	0	0	0	0	6	0	12
31	Holota Admin Town	3	7	12	18	9	1	0	1	0	0	7	0	18
32	Jima Admin Town	5	18	32	50	25	4	1	1	2	0	17	0	50
33	L/Tafo L/Dadhi Admin Town	4	4	11	25	7	0	0	0	0	0	18	0	25
34	Modjo Admin Town	3	4	8	11	5	1	1	0	0	0	4	0	11
35	Nekemte Admin Town	5	11	24	42	11	7	2	0	2	0	20	0	42
36	Robe Admin Town	3	7	15	24	7	8	0	0	0	0	8	1	24
37	Sebeta Admin Town	4	11	57	89	15	1	0	0	0	0	71	2	89
38	Shashemenne Admin Town	5	12	41	71	12	8	2	4	4	0	40	1	71
39	Sululta Admin Town	4	6	16	35	9	0	0	0	0	0	26	0	35
40	Woliso Admin Town	2	6	9	12	6	3	0	0	0	0	3	0	12
	Oromia	2879	9185	9684	15086	13970	172	20	47	54	37	768	18	15086

Table 2.1. 3 Number of Primary Schools by Grade Level

Government and Non-Government Primary Schools by Grade Level in 2013(2020/21 G.C.)																					
SN	ZONE/ADMIN.TOWNS	Grade 1->1	Grade 1->2	Grade 1->3	Grade 1->4	Grade 1->5	Grade 1->6	Grade 2->2	Grade 2->3	Grade 2->4	Grade 2->5	Grade 3->6	Total 1_6	Grade 1->7	Grade 1->8	Grade 2->8	Grade 4->8	Grade 5->8	Grade 6->8	Grade 7->8	Total 7_8
1	Arsi	1	8	11	80	22	71			1			194	33	875			1			909
2	Bale		5	8	35	25	39	1					113	27	392						419
3	Borena	4	21	22	129	36	56						268	8	158			2		1	169
4	Buno Beddele		2	3	131	7	35						178	8	165			4			177
5	East Bale		3	1	19	14	44						81	30	214						244
6	East Hararge	10	42	60	333	56	126						627	40	747			5	1		793
7	East Shoa	6	7	17	212	26	59			1	1		329	21	314						335
8	East Wollega	3	11	8	131	39	28						220	16	418			1			435
9	Guji	13	25	55	144	52	75						364	40	413			4			457
10	Horo Guduru Wollega	3	1	8	89	10	14						125	3	207			1			211
11	Illu Aba Bora		2	4	139	14	31						190	6	239			2			247
12	Jima	3	9	7	148	38	96						301	54	901	1		4	1	1	962
13	Kellem Wollega	3	11	12	51	23	20						120	10	337						347
14	North Shoa	2		3	193	24	64			2			288	29	382						411
15	OSZS Finfinne		3	3	93	5	14						118	7	204						211
16	South West Shoa	1	2	3	91	12	12						121	5	287						292
17	West Arsi	2	18	20	125	29	60						254	23	508						531
18	West Gujii	3	7	8	108	52	69						247	38	291		1	2			332
19	West Hararge	6	15	27	292	54	124						518	40	398			2		1	441
20	West Shoa	4	9	16	90	26	48						193	18	688			2		1	709
21	West Wollega	2	1	16	172	22	28	1					242	23	573						596
22	Adama Admin Town	2	2	2	33	1	9		1				50	3	66			1			70
23	Ambo Admin Town				1	2							3		18						18
24	Assela Admin Town			2	3	4	1						10	1	18						19
25	Batu Admin Town	2	2	1	2								7		11						11
26	Bishan Gurracha Admin Town					2							2		2						2
27	Bishoftu Admin Town	2	1	6	21	1	5						36	2	40						42
28	Burayu Admin Town	2		6	15	9	8						40	9	42						51
29	Dukem Admin Town	1		2		1	5						9		8						8
30	Gelan Admin Town		1				1						2		10						10
31	Holota Admin Town			3	3								6	1	11						12
32	Jima Admin Town		2	2	7	2	5						18	2	30						32
33	L/Tafo L/Dadhi Admin Town		1		7		6						14		11						11
34	Modjo Admin Town				2	1							3		8						8
35	Nekemte Admin Town	1	2	3	7	1	4						18	1	23						24
36	Robe Admin Town	4			3	1	1						9	1	14						15
37	Sebeta Admin Town			2	15	2	13						32	4	53						57
38	Shashemenne Admin Town		1	4	18	4	3						30	4	33		2	2			41
39	Sululta Admin Town	2	2		10	1	3	1					19		16						16
40	Woliso Admin Town				2		1						3		9						9
Oromia		82	216	345	2954	618	1178	3	1	3	1	1	5402	507	9134	1	3	33	2	4	9684

Table 2.1. 4 Government Primary Schools by Grade Level

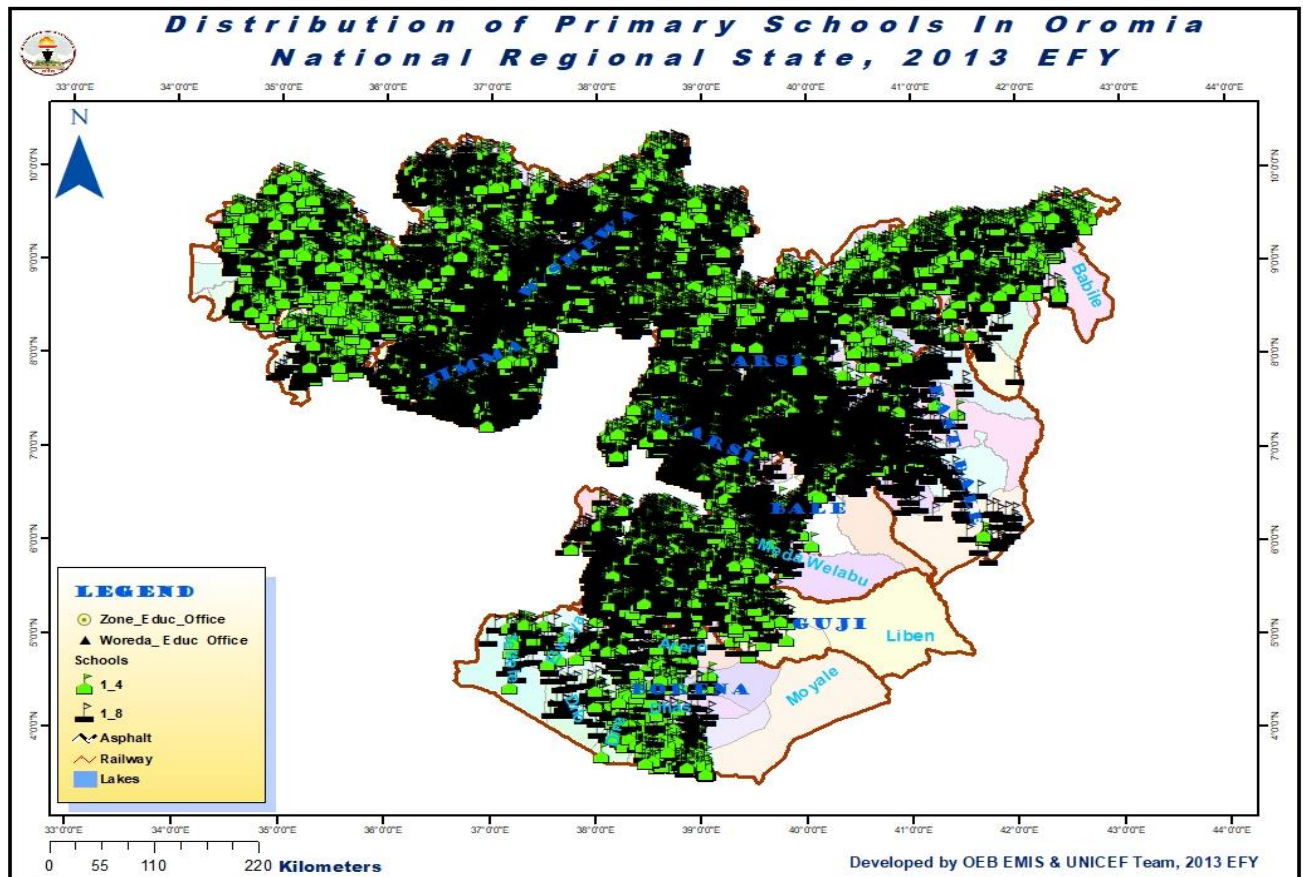
Government Primary Schools by Grade Level in 2013(2020/21 G.C)																	
SN	ZONE/ADMIN TOWN	Grade 1->1	Grade 1->2	Grade 1->3	Grade 1->4	Grade 1->5	Grade 1->6	Grade 2->4	Total_6	Grade 1->7	Grade 1->8	Grade 2->8	Grade 4->8	Grade 5->8	Grade 6->8	Grade 7->8	Total_8
1	Arsi	1	6	7	68	19	69	1	171	31	865			1			897
2	Bale		1	6	33	24	37		101	26	384						410
3	Borena	3	16	19	126	33	55		252	8	150			2		1	161
4	Buno Beddele		2	3	130	7	35		177	7	164			4			175
5	East Bale		1		19	13	43		76	30	213						243
6	East Hararge	6	40	57	320	54	120		597	38	728			5	1		772
7	East Shoa	2	3	12	196	21	53		287	19	289						308
8	East Wollega	3	10	4	124	37	27		205	16	415			1			432
9	Guji	12	22	53	134	50	72		343	40	401			3			444
10	Horo Guduru Wollega	1		5	84	7	10		107	3	204			1			208
11	Ilu Aba Bora		2	4	137	13	31		187	6	236			2			244
12	Jima	3	8	7	147	37	95		297	54	896	1		4	1	1	957
13	Kellem Wollega	2	10	12	47	21	15		107	10	329						339
14	North Shoa			1	186	22	63	2	274	28	380						408
15	OSZS Finfinne		1	2	86	2	9		100	1	197						198
16	South West Shoa		1	2	86	10	12		111	4	283						287
17	West Arsi	2	15	19	112	23	51		222	23	483						506
18	West Gujii	3	7	7	104	52	67		240	36	283		1	2			322
19	West Hararge	4	10	24	284	52	123		497	40	392			2		1	435
20	West Shoa	3	3	12	80	24	41		163	18	673			2		1	694
21	West Wollega	2	1	6	164	21	26		220	20	561						581
22	Adama Admin Town				5		2		7	1	20						21
23	Ambo Admin Town					1			1		9						9
24	Assela Admin Town						1		1		8						8
25	Batu Admin Town										6						6
26	Bishan Gurracha Admin Town					1			1		1						1
27	Bishoftu Admin Town			2	10		2		14		15						15
28	Burayu Admin Town						1		1	1	9						10
29	Dukem Admin Town	1				1	4		6		2						2
30	Gelan Admin Town										6						6
31	Holota Admin Town			1	1				2		7						7
32	Jima Admin Town				3		4		7	2	16						18
33	L/Tafo L/Dadhi Admin Town				3				3		4						4
34	Modjo Admin Town					1			1		4						4
35	Nekemte Admin Town										11						11
36	Robe Admin Town										7						7
37	Sebeta Admin Town				1		3		4	2	9						11
38	Shashemenne Admin Town									1	11						12
39	Sululta Admin Town				3				3		6						6
40	Woliso Admin Town										6						6
	Oromia	48	159	265	2693	546	1071	3	4785	465	8683	1	1	29	2	4	9185

Table 2.1. 5 Non-Government Primary Schools by Grade Level

Non-Government Primary Schools by Grade Level in 2013(2020/21 G.C.)																	
SN	ZONE/ADMIN TOWN	1->1	1->2	1->3	1->4	1->5	1->6	2->2	2->3	2->5	3->6	Total	1->7	1->8	4->8	5->8	Total
1	Arsi		2	4	12	3	2					23	2	10			12
2	Bale		4	2	2	1	2	1				12	1	8			9
3	Borena	1	5	3	3	3	1					16		8			8
4	Buno Beddele				1							1	1	1			2
5	East Bale		2	1		1	1					5		1			1
6	East Hararge	4	2	3	13	2	6					30	2	19			21
7	East Shoa	4	4	5	16	5	6			1	1	42	2	25			27
8	East Wollega		1	4	7	2	1					15		3			3
9	Guji	1	3	2	10	2	3					21		12		1	13
10	Horo Guduru Wollega	2	1	3	5	3	4					18		3			3
11	Illu Aba Bora				2	1						3		3			3
12	Jima		1		1	1	1					4		5			5
13	Kellem Wollega	1	1		4	2	5					13		8			8
14	North Shoa	2		2	7	2	1					14	1	2			3
15	OSZS Finfinne		2	1	7	3	5					18	6	7			13
16	South West Shoa	1	1	1	5	2						10	1	4			5
17	West Arsi		3	1	13	6	9					32		25			25
18	West Gujii			1	4		2					7	2	8			10
19	West Hararge	2	5	3	8	2	1					21		6			6
20	West Shoa	1	6	4	10	2	7					30		15			15
21	West Wollega			10	8	1	2	1				22	3	12			15
22	Adama Admin Town	2	2	2	28	1	7		1			43	2	46		1	49
23	Ambo Admin Town				1	1						2		9			9
24	Assela Admin Town			2	3	4						9	1	10			11
25	Batu Admin Town	2	2	1	2							7		5			5
26	BishanGurrachaAdmin Town					1						1		1			1
27	Bishoftu Admin Town	2	1	4	11	1	3					22	2	25			27
28	Burayu Admin Town	2		6	15	9	7					39	8	33			41
29	Dukem Admin Town			2			1					3		6			6
30	Gelan Admin Town		1				1					2		4			4
31	Holota Admin Town			2	2							4	1	4			5
32	Jima Admin Town		2	2	4	2	1					11		14			14
33	L/Tafo L/Dadhi Admin Town		1		4		6					11		7			7
34	Modjo Admin Town				2							2		4			4
35	Nekemte Admin Town	1	2	3	7	1	4					18	1	12			13
36	Robe Admin Town	4			3	1	1					9	1	7			8
37	Sebeta Admin Town			2	14	2	10					28	2	44			46
38	Shashemenne Admin Town		1	4	18	4	3					30	3	22	2	2	29
39	Sululta Admin Town	2	2		7	1	3	1				16		10			10
40	Woliso Admin Town				2		1					3		3			3
Oromia		34	57	80	261	72	107	3	1	1	1	617	42	451	2	4	499

I. Geographical Locations of Primary (Grade 1-8) Schools in the Region

Map 2.1.1 Primary schools (Grade 1-8) Geographical Locations in the Region



Map 2.1.1 shows the distribution of all primary schools in the Region, it means those schools having grade level (1-8). As we have seen from the map the schools are highly dense at central, North East and North West areas of the region, whereas scattered in Southern part of the region. The map also shows the accessibility of major roads to the schools. As the map indicates, most of pastoral areas are still unreachable of primary schools within 3 km buffer zone, so that it needs special attention from concerned bodies.

II. Representative Index (RI)

The representative Index measures/gauges the amount of equitable education services that one region earned among the available services rendered. This answers indicator questions like how many of the educational institutions are equitably distributed among the regions.

How much of schools of the region has equitably distributed education services among zones? How far the zones have distributed educational institutions among districts? How much the districts have maintaining equitable distribution of educational institutions among the kebeles? To verify/confirm the equitable distribution of schools as per the number of school age student population in zones/towns of a region we use the following formula

$$(RI) \text{ of Zones/ Towns} = \frac{\text{Rate of the share of the schools in the Zone/Town}}{\text{Rate of the share of the students in the Zone/Town}}$$

- If the result is 1 the distribution is equitable.
- If the result is below 1 it is not equitable & under representative.
- If the result is above 1 it is over representative.

As depicted in table 2.1.6 in primary 7-8 schools' distribution the zones and administrative towns that have over representative share are 10 and 12 respectively. On the other hand the administrative towns and zones that have under representation are Arsi, Borana, Buno Beddelle, East Shoa, Ilu Aba Bora, North Shoa, South West Shoa, West Arsi, West Hararge, West Shoa, as well as Asallaa, Batu, Woliso, Modjo, Jimma and Bishan Gurracha Administrative towns. This implies that those zones and towns that have under representation need special attention of the government ahead.

Table 2.1. 6 Representative Index-(RI) of Primary 7-8 Schools in 2013(2020/21G.C.)

Representative Index-(RI) of Schools in Primary Schools in 2013(2020/21G.C.)						
SN	Zones/Administrative Towns	Primary 7_8 School				
		SAP (13-14)	No of 7-8 Primary Schools (7-8)	Share of Zone/Admin Town from Oromia SAP	Share of Zone/Admin Town Schools from Oromia Schools	Representative Index-(RI) of Schools
1	Arsi	189067	909	0.0999	0.0939	0.9398
2	Bale	64284	419	0.0340	0.0433	1.2741
3	Borana	36030	169	0.0190	0.0175	0.9169
4	Buno Beddelle	37061	177	0.0196	0.0183	0.9336
5	East Bale	33623	244	0.0178	0.0252	1.4186
6	East Hararge	160222	793	0.0846	0.0819	0.9675
7	East Shoa	78503	335	0.0415	0.0346	0.8342
8	East Wollegga	81083	435	0.0428	0.0449	1.0487
9	Guji	78632	457	0.0415	0.0472	1.1361
10	Horo Guduru Wollega	39837	211	0.0210	0.0218	1.0354
11	Ilu Aba Bora	51475	247	0.0272	0.0255	0.9380
12	Jimma	160491	962	0.0848	0.0993	1.1717
13	Kellem Wollegga	57674	347	0.0305	0.0358	1.1761
14	North Shoa	92487	411	0.0489	0.0424	0.8687
15	OSZS Finfinne	38755	211	0.0205	0.0218	1.0643
16	South West Shoa	65560	292	0.0346	0.0302	0.8707
17	West Arsi	128335	531	0.0678	0.0548	0.8088
18	West Guji	61960	332	0.0327	0.0343	1.0474
19	West Hararge	121208	441	0.0640	0.0455	0.7112
20	West Shoa	146747	709	0.0775	0.0732	0.9445
21	West Wollegga	98595	596	0.0521	0.0615	1.1817
22	Adama Admin Town	13422	70	0.0071	0.0072	1.0195
23	Ambo Admin Town	3016	18	0.0016	0.0019	1.1667
24	Asalla Admin Town	4134	19	0.0022	0.0020	0.8984
25	Batu Admin Town	2651	11	0.0014	0.0011	0.8111
26	Bishan Gurracha Admin Town	1351	2	0.0007	0.0002	0.2894
27	Bishoftu Admin Town	6470	42	0.0034	0.0043	1.2690
28	Burrayyu Admin Town	4097	51	0.0022	0.0053	2.4334
29	Dukam Admin Town	632	8	0.0003	0.0008	2.4744
30	Galan Admin Town	748	10	0.0004	0.0010	2.6134
31	Holeta Admin Town	1639	12	0.0009	0.0012	1.4312
32	Jimma Admin Town	7631	32	0.0040	0.0033	0.8197
33	L/T/L/Dadhi Admin Town	1095	11	0.0006	0.0011	1.9637
34	Mojo Admin Town	2770	8	0.0015	0.0008	0.5646
35	Nekemte Admin Town	4666	24	0.0025	0.0025	1.0055
36	Robe Admin Town	2794	15	0.0015	0.0015	1.0495
37	Sabata Admin Town	3291	57	0.0017	0.0059	3.3857
38	Shashamanne Admin Town	6972	41	0.0037	0.0042	1.1496
39	Sululta Admin Town	1293	16	0.0007	0.0017	2.4189
40	Woliso Admin Town	2726	9	0.0014	0.0009	0.6454
Oromia		1893027	9684			

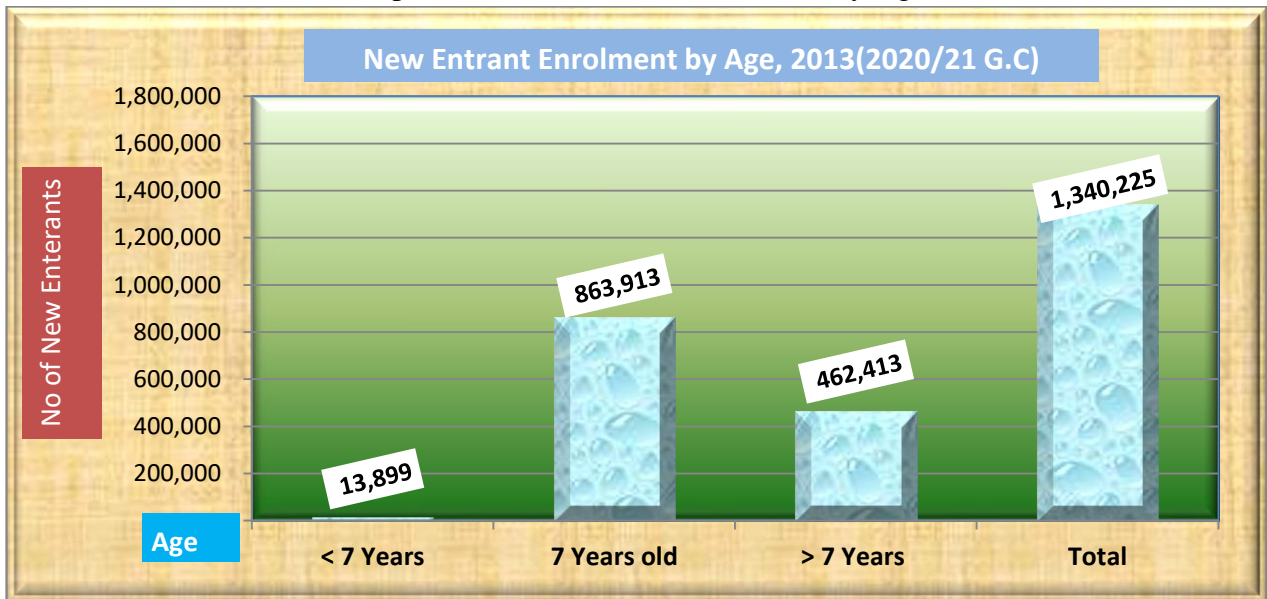
2.1.2. Primary Education Enrolment

2.1.2.1. New Entrants to Grade one in Primary Education

I. New Entrants by Age

The Annual School Census of 2013 E.C incorporates new entrants to grade one by age. The government recognized the official school beginning age as 7 years (MoE, 1994). Upon this, the findings are summarized in the figure below.

Graph 2.1. 2 New Entrant Enrolment by Age



From graph 2.1.2 above, it is possible to observe that a total of 1,340,225 new entrants have been registered in the year. When compared by age, the biggest number of new entrants (64.46%) is 7 years old which is the officially recognized age of primary school entry. The data shows that 1.03% of the entrants were underage whereas 34.5% of the new entrants were over age. On the other hand, this figure represents 95.05% (95.01% Males and 95.10% Females) of the total enrolment of grade one in the year.

II. New Entrants by Zone and Administrative Towns

Table 2.1.7 below shows that the number of new entrants by age in their respective zones and administrative towns. Since the number of new entrants depends on the size of population we can't interpret in such away.

Table 2.1. 7 New Entrant to Grade One by Age

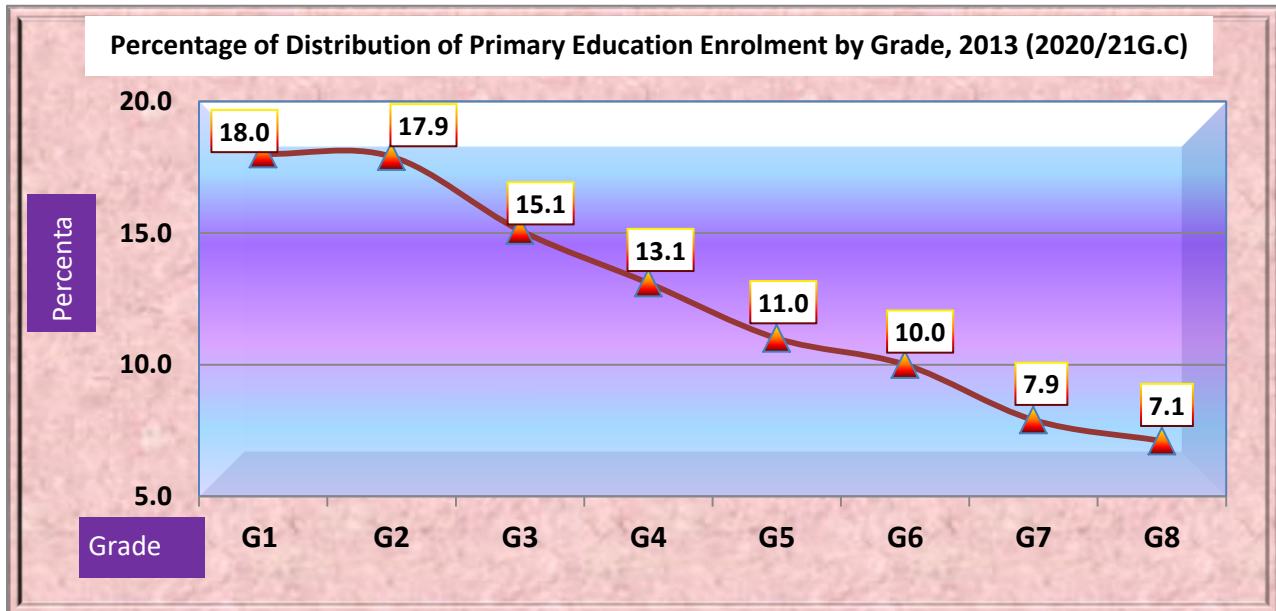
Grade 1 New entrants by Age, 2013(2020/21 G.C)													
SN	Zones/Administrative Towns	< 7 age			Age 7			> Age 7			Total		
		M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	372	344	716	33753	29952	63705	14776	12362	27138	48901	42658	91559
2	Bale	36	16	52	19127	15747	34874	7117	5448	12565	26280	21211	47491
3	Borena	161	139	300	6787	6463	13250	5070	4400	9470	12018	11002	23020
4	Buno Beddele	38	23	61	10597	9747	20344	4037	3311	7348	14672	13081	27753
5	East Bale	128	63	191	10326	8112	18438	4219	2982	7201	14673	11157	25830
6	East Hararge	342	293	635	69016	55775	124791	33761	26436	60197	103119	82504	185623
7	East Shoa	200	230	430	12677	11422	24099	8069	7073	15142	20946	18725	39671
8	East Wollega	267	276	543	16829	15367	32196	6552	5636	12188	23648	21279	44927
9	Guji	349	276	625	22768	18274	41042	19845	16144	35989	42962	34694	77656
10	Horo Guduru Wollega	104	86	190	7551	7136	14687	3469	2959	6428	11124	10181	21305
11	Ilu Aba Bora	280	212	492	9987	9163	19150	4612	3926	8538	14879	13301	28180
12	Jima	1639	1501	3140	45979	42431	88410	16943	15327	32270	64561	59259	123820
13	Kellem Wollega	33	29	62	12770	11274	24044	5010	4073	9083	17813	15376	33189
14	North Shoa	122	123	245	10985	9604	20589	4835	4077	8912	15942	13804	29746
15	OSZS Finfinne	98	106	204	6142	5578	11720	4817	3878	8695	11057	9562	20619
16	South West Shoa	316	278	594	11977	10330	22307	8331	6964	15295	20624	17572	38196
17	West Arsi	204	220	424	32106	28651	60757	15329	12800	28129	47639	41671	89310
18	West Gujii	479	386	865	17512	14272	31784	21601	17212	38813	39592	31870	71462
19	West Hararge	589	539	1128	45911	37451	83362	32362	27424	59786	78862	65414	144276
20	West Shoa	266	239	505	23918	21343	45261	16687	14980	31667	40871	36562	77433
21	West Wollega	245	234	479	16395	15044	31439	6462	5633	12095	23102	20911	44013
22	Adama Admin Town	108	94	202	3553	3798	7351	674	629	1303	4335	4521	8856
23	Ambo Admin Town	65	68	133	805	848	1653	467	554	1021	1337	1470	2807
24	Assela Admin Town	5	10	15	413	496	909	139	147	286	557	653	1210
25	Batu Admin Town	10	10	20	838	752	1590	258	309	567	1106	1071	2177
26	Bishan Gurracha Admin Town	0	0	0	137	141	278	180	177	357	317	318	635
27	Bishoftu Admin Town	236	240	476	1281	1270	2551	455	481	936	1972	1991	3963
28	Burayu Admin Town	88	99	187	1615	1546	3161	501	714	1215	2204	2359	4563
29	Dukem Admin Town	7	5	12	580	534	1114	150	297	447	737	836	1573
30	Gelan Admin Town	7	6	13	269	231	500	74	84	158	350	321	671
31	Holota Admin Town	9	9	18	443	463	906	203	339	542	655	811	1466
32	Jima Admin Town	117	162	279	1576	1507	3083	951	990	1941	2644	2659	5303
33	L/Tafo L/Dadhi Admin Town	18	15	33	414	399	813	66	166	232	498	580	1078
34	Modjo Admin Town	0	0	0	546	554	1100	125	140	265	671	694	1365
35	Nekemte Admin Town	15	20	35	983	1047	2030	473	570	1043	1471	1637	3108
36	Robe Admin Town	9	8	17	846	803	1649	193	196	389	1048	1007	2055
37	Sebeta Admin Town	107	140	247	1880	1852	3732	879	1034	1913	2866	3026	5892
38	Shashemenne Admin Town	83	103	186	1420	1421	2841	860	829	1689	2363	2353	4716
39	Sululta Admin Town	0	0	0	567	608	1175	304	317	621	871	925	1796
40	Woliso Admin Town	78	67	145	560	668	1228	248	291	539	886	1026	1912
Oromia		7230	6669	13899	461839	402074	863913	251104	211309	462413	720173	620052	1340225

2.1.2.2. Primary Grade1-8 Enrolments

I. Primary Enrolment by Grade and Gender

In the year 2013 E.C (2020/21 G.C) Annual School Census (ASC), enrolment was captured by grade and gender to establish their percentage distribution for better planning and allocation of school facilities as well as soliciting for support from various stakeholders. A total of 7,846,552 of which Male 4,224,655 and Female 3,621,897 pupils have enrolled in the year for primary education. Considering pupil enrolment distribution by grade, higher enrolment figures were registered in lower classes and gradually decreases as the grade goes up. Accordingly, as shown in graph 2.1.3 below grade one enrolment accounts 18% and the share of grade eight is only about 7.1%. In general, the percentage distribution of pupils by grade from the graph tells that there is a high dropout rate and repetition rate when we move from grade one to grade eight in the system.

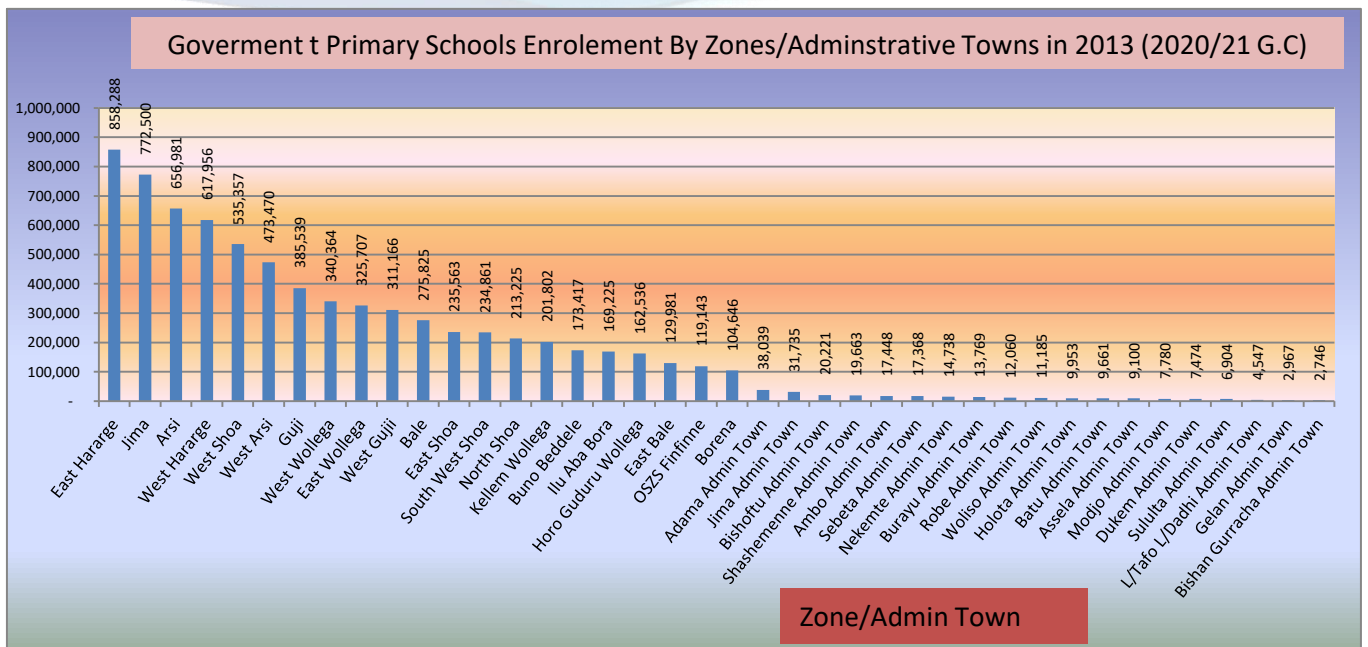
Graph 2.1. 3 Percentage of Primary Education Enrolment by Grade



II. Primary Enrolment by Zone, Ownership, Locality and Program Mode

Enrolment was categorized according to Zones/ Administrative towns to establish which zones have the highest and/or the lowest enrolment rate. Enrolment rate again depends on SAP.

Graph 2.1. 4 Government Primary Schools Enrolment by Zones/ Administrative Towns



Concerning ownership of primary schools, the role of government is much greater than that of non-governmental organizations. Graph 2.1.5 below shows that out of primary schools 96.3% (96.5% Male and 96 % Female) enrolment belongs to government schools, whereas, out of 3.7% schools (3.5% Male and 4.0% Female) enrolment belongs to non-Government schools. Moreover, enrolment of primary education can be categorized by locality (urban 21.8% and rural 78.2%), program mode (regular 99.7% and evening 0.31%) and language of instruction (Afan Oromo 95.98% and Amharic 4.02%).

Graph 2.1. 5 Primary Enrolment share by Ownership, Program and Language of Instruction

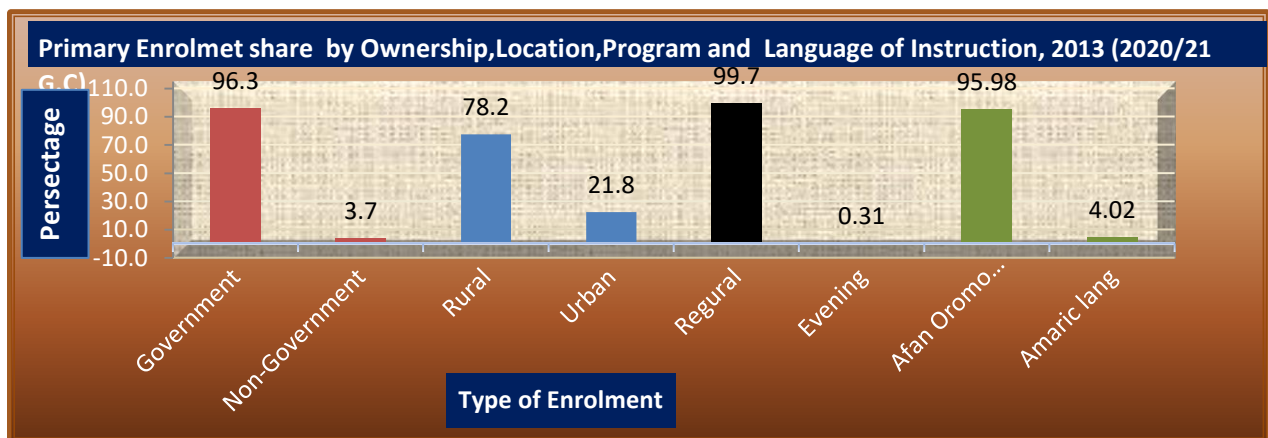


Table 2.1. 8 Primary Enrolment by cycle in Government and Non-Government Schools

Primary Enrolment by Grade Government and Non Government Schools in 2013(2020/21 G.C)																				
SN	Zones/ Admin. Towns	Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Grade 7		Grade 8		(1-8)		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T
1	Arsi	51498	44781	59252	53141	50752	46498	45910	42191	41961	38641	39287	37056	31083	27632	28666	24921	348409	314861	663270
2	Bale	27314	21981	29462	23754	24379	19910	20198	16648	17633	14012	15569	12408	11378	8736	9400	7576	155333	125025	280358
3	Borena	12345	11282	10916	9835	9128	8231	7997	7311	6119	5190	4944	4317	3759	3085	3382	2748	58590	51999	110589
4	Buno Beddele	15474	13751	16357	14510	13333	11825	11992	10823	9985	9057	9590	8792	7775	6965	7296	6504	91802	82227	174029
5	East Bale	14949	11350	14712	11013	12188	8767	10036	6850	8374	5764	7082	4755	5213	3261	4293	2639	76847	54399	131246
6	East Hararge	112636	90295	105872	83208	82670	62990	64192	46376	47621	32756	40448	25412	31279	18030	26245	13520	510963	372587	883550
7	East Shoa	21941	19597	23996	21532	20436	18270	17529	16217	14005	13117	13284	12515	10683	10072	9737	9393	131611	120713	252324
8	East Wollega	24902	22386	28820	25473	24635	22373	22731	20957	20904	19648	19486	19504	15398	14220	14135	12900	171011	157461	328472
9	Gujji	44856	36235	38684	30045	34332	26301	29632	22682	24377	17455	21198	14658	17355	11130	15602	8722	226036	167228	393264
10	Horo Guduru Wollega	11546	10558	12569	11408	11857	11126	11314	10782	10347	10232	10369	10468	8665	8005	8343	8096	85010	80675	165685
11	Ilu Aba Bora	15603	13863	14681	13152	12429	11344	11162	10442	9925	9186	9643	8704	8189	7353	8186	7271	89818	81315	171133
12	Jima	67225	61652	70382	64008	60081	55445	52282	48899	45342	43445	41294	40313	33828	33492	28397	28732	398831	375986	774817
13	Kellem Wollega	18379	15803	17600	15086	14265	12798	13138	11891	12666	11518	12489	11343	10700	9419	10761	9137	109998	96995	206993
14	North Shoa	16326	14092	19062	16333	17178	14836	15899	13998	13834	12129	13496	11910	10247	9095	9378	8095	115420	100488	215908
15	OSZS Finfinne	11471	9916	10939	9218	9738	8359	8680	7249	7695	6443	7177	6045	5910	5031	5421	4698	67031	56959	123990
16	South West Shoa	22231	18935	23488	19465	20298	17200	18357	15048	14938	12213	12654	10537	9445	7859	8253	6646	129664	107903	237567
17	West Arsi	50710	44056	48906	44506	40138	36369	33459	29773	26098	23601	23680	21124	18812	16410	16919	13824	258722	229663	488385
18	West Gujji	40731	32728	32332	26041	25641	20898	22874	17838	18096	13578	15867	11343	12818	8343	11612	6675	179971	137444	317415
19	West Hararge	82022	67918	73729	59360	56726	44078	46223	34200	33585	23507	28336	18097	19831	11846	16169	9018	356621	268024	624645
20	West Shoa	43518	38938	47800	42560	43802	39306	40097	35363	35951	32003	30267	27538	24102	22151	19326	287688	256181	543869	
21	West Wollega	24191	21907	27095	24654	24222	22437	23835	21859	21701	20087	22350	21676	18663	16676	19189	17298	181246	166594	347840
22	Adama Admin Town	4461	4714	4502	4789	4164	4472	4015	4413	3735	4117	3722	4426	3764	4245	3949	4910	32312	36086	68398
23	Ambo Admin Town	1417	1651	1745	2104	1190	1507	1137	1456	1059	1417	1076	1481	1079	1137	1125	1504	9828	12257	22085
24	Assela Admin Town	736	821	922	969	948	1036	845	950	850	1009	900	1025	1005	1076	1071	1264	7277	8150	15427
25	Batu Admin Town	1188	1201	1103	1190	1038	1045	976	936	944	957	926	1033	916	935	983	903	8074	8200	16274
26	Bishan Gurracha Admin Town	337	335	248	261	266	253	213	199	167	157	136	122	123	99	108	87	1598	1513	3111
27	Bishoftu Admin Town	2050	2145	2206	2488	1986	2339	1814	2049	1756	2092	1756	2219	1670	2154	1782	2486	15020	17972	32992
28	Burayu Admin Town	2260	2533	1903	2390	1873	2099	1586	1954	1391	1766	1196	1654	1079	1488	1008	1441	12296	15325	27621
29	Dukem Admin Town	753	858	705	674	654	691	648	645	581	587	665	701	467	572	592	750	5065	5478	10543
30	Gelan Admin Town	376	348	305	321	310	349	205	218	170	201	206	204	170	200	164	236	1906	2077	3983
31	Holota Admin Town	665	826	896	1029	788	908	722	853	754	838	807	845	672	706	720	955	6024	6960	12984
32	Jima Admin Town	2812	2821	3193	3256	2730	2859	2528	2583	2375	2451	2199	2477	2274	2508	1999	2173	20110	21128	41238
33	L/Tafo L/Dadhi Admin Town	559	668	613	664	541	634	513	513	430	450	386	490	337	422	353	435	3732	4276	8008
34	Modjo Admin Town	678	699	666	741	716	754	596	674	635	728	620	705	558	654	574	747	5043	5702	10745
35	Nekemte Admin Town	1510	1684	1531	1632	1251	1456	1223	1440	1259	1467	1215	1552	1122	1446	1212	1558	10323	12235	22558
36	Robe Admin Town	1065	1022	1279	1296	1202	1187	1040	1051	928	938	1044	1030	913	910	919	937	8390	8371	16761
37	Sebeta Admin Town	2986	3189	2720	3058	2537	2890	2286	2607	1985	2257	1914	2154	1492	1718	1528	1836	17448	19709	37157
38	Shashemenne Admin Town	2418	2406	2281	2272	2290	2620	2232	2232	2161	2096	2051	2234	2105	2219	2277	2117	17815	18196	36011
39	Sululta Admin Town	915	988	852	827	839	896	709	767	678	747	610	737	479	551	507	631	5589	6144	11733
40	Woliso Admin Town	950	1078	846	1102	793	934	722	883	765	869	755	864	629	757	723	904	6183	7391	13574
Oromia		758004	652011	755170	649365	634344	548290	551547	473820	463780	398726	420694	364468	335987	281604	305129	253613	4224655	3621897	7846552

Table 2.1. 9 Primary Enrolment by Grade in Government Schools

Primary Enrolment by Grade Government Schools in 2013(2020/21 G.C)																				
SN	Zones/ Admin Towns	Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Grade 7		Grade 8		(1-8)		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T
1	Arsi	50925	44165	58640	52572	50205	45976	45512	41761	41647	38320	39040	36803	30881	27416	28465	24653	345315	311666	656981
2	Bale	26904	21561	29041	23328	24083	19642	19881	16409	17355	13773	15286	12198	11179	8553	9229	7403	152958	122867	275825
3	Borena	11730	10743	10348	9294	8701	7804	7584	6888	5806	4863	4687	4072	3527	2875	3177	2547	55560	49086	104646
4	Buno Beddele	15399	13659	16297	14444	13289	11782	11956	10787	9958	9029	9559	8766	7764	6946	7282	6500	91504	81913	173417
5	East Bale	14811	11210	14577	10861	12065	8687	9956	6775	8325	5705	7038	4700	5174	3231	4261	2605	76207	53774	129981
6	East Hararge	109514	87498	103103	80817	80376	60980	62516	44906	46400	31675	39412	24591	30573	17352	25612	12963	497506	360782	858288
7	East Shoa	20481	18222	22563	20112	19083	16975	16376	15080	13115	12242	12506	11700	10001	9344	9091	8672	123216	112347	235563
8	East Wollega	24592	22048	28505	25186	24377	22143	22535	20738	20794	19537	19399	19435	15350	14152	14063	12853	169615	156092	325707
9	Guji	43904	35378	38002	29426	33734	25785	29097	22209	23980	17122	20841	14351	17042	10867	15323	8478	221923	163616	385539
10	Horo Guduru Wollega	11106	10114	12250	11130	11558	10865	11086	10574	10201	10099	10289	10378	8611	7946	8300	8029	83401	79135	162536
11	Illu Aba Bora	15362	13623	14495	12986	12281	11188	11033	10323	9849	9117	9578	8621	8123	7288	8135	7223	88856	80369	169225
12	Jima	67019	61406	70215	63796	59910	55286	52095	48739	45227	43317	41193	40204	33754	33393	28317	28629	397730	374770	772500
13	Kellem Wollega	17911	15358	17190	14710	13874	12453	12763	11525	12336	11211	12212	11105	10490	9225	10509	8930	107285	94517	201802
14	North Shoa	16017	13787	18813	16050	16953	14595	15701	13794	13710	12010	13408	11832	10179	9025	9324	8027	114105	99120	213225
15	OSZS Finfinne	10952	9426	10459	8735	9421	8009	8346	6932	7420	6180	6974	5847	5732	4851	5299	4560	64603	54540	119143
16	South West Shoa	21970	18664	23259	19255	20047	16988	18143	14834	14789	12055	12540	10418	9379	7773	8180	6567	128307	106554	234861
17	West Arsi	49355	42774	47615	43273	39011	35327	32455	28852	25245	22837	22975	20417	18136	15777	16209	13212	251001	222469	473470
18	West Gujii	40049	32080	31778	25551	25163	20417	22494	17432	17756	13271	15586	11063	12566	8106	11387	6467	176779	134387	311166
19	West Hararge	81068	67051	73008	58650	56160	43570	45817	33803	33328	23242	28128	17898	19649	11692	16004	8888	353162	264794	617956
20	West Shoa	42675	38028	46943	41760	43127	38621	39540	34776	35529	31554	29948	27222	23832	20849	21870	19083	283464	251893	535357
21	West Wollega	23342	21124	26425	23983	23645	21876	23408	21456	21369	19753	22024	21340	18376	16369	18893	16981	177482	162882	340364
22	Adama Admin Town	1966	2258	2117	2488	2031	2311	2007	2444	1983	2443	2173	2799	2376	2756	2588	3299	17241	20798	38039
23	Ambo Admin Town	958	1253	1273	1647	906	1225	865	1223	796	1144	850	1282	892	921	931	1282	7471	9977	17448
24	Assela Admin Town	352	394	468	494	498	590	480	545	486	659	572	657	643	715	660	887	4159	4941	9100
25	Batu Admin Town	596	706	619	707	603	636	532	524	518	616	557	657	593	614	605	578	4623	5038	9661
26	Bishan Gurracha Admin Town	295	279	214	226	224	226	181	175	153	144	127	113	119	91	101	78	1414	1332	2746
27	Bishoftu Admin Town	967	1139	1175	1520	1125	1395	1022	1264	1079	1391	1069	1519	1061	1474	1207	1814	8705	11516	20221
28	Burayu Admin Town	793	1177	741	1214	775	1020	663	1028	645	985	583	1017	568	937	617	1006	5385	8384	13769
29	Dukem Admin Town	437	541	465	445	415	466	430	481	406	449	527	555	334	439	467	617	3481	3993	7474
30	Gelan Admin Town	253	227	212	237	246	268	136	158	110	155	169	155	131	175	136	199	1393	1574	2967
31	Holota Admin Town	418	595	643	741	556	684	512	657	579	656	632	688	564	590	611	827	4515	5438	9953
32	Jima Admin Town	1967	2078	2394	2535	1927	2218	1883	1996	1815	1938	1724	1991	1868	2045	1599	1757	15177	16558	31735
33	L/Tafo L/Dadhi Admin Town	229	348	269	354	302	387	274	290	219	278	216	318	208	308	226	321	1943	2604	4547
34	Modjo Admin Town	424	440	451	497	513	540	400	494	481	559	464	573	382	507	443	612	3558	4222	7780
35	Nekemte Admin Town	781	923	858	961	797	968	685	924	809	1012	799	1100	814	1137	920	1250	6463	8275	14738
36	Robe Admin Town	627	587	947	954	859	884	721	747	636	661	810	788	688	709	703	739	5991	6069	12060
37	Sebeta Admin Town	1275	1527	1162	1464	1051	1343	977	1264	880	1062	898	1069	775	882	745	994	7763	9605	17368
38	Shashemenne Admin Town	1247	1337	1098	1193	1189	1486	1118	1220	1134	1182	1104	1342	1155	1337	1329	1192	9374	10289	19663
39	Sululta Admin Town	461	512	452	427	458	511	401	461	417	445	390	458	322	383	347	459	3248	3656	6904
40	Woliso Admin Town	693	816	652	861	621	761	560	742	649	738	649	739	562	677	657	808	5043	6142	11185
Oromia		729,825	625,056	729,736	624,884	612,159	526,888	532,141	455,230	447,934	383,429	406,936	350,781	324,373	269,727	293,822	241,989	4,076,926	3,477,984	7,554,910

Table 2.1.10 Primary Enrolment by Grade in Non-Government Schools

Non- Government Schools Primary Enrolment by Grade in 2013(2020/21 G.C)																		
SN	Zones/ Admin Towns	Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Grade 7		Grade 8		M
		M	F	M	F	M	F	M	F	M	F	M	F	M	F			
1	Arsi	573	616	612	569	547	522	398	430	314	321	247	253	202	216	201	268	3094
2	Bale	410	420	421	426	296	268	317	239	278	239	283	210	199	183	171	173	2375
3	Borena	615	539	568	541	427	427	413	423	313	327	257	245	232	210	205	201	3030
4	Buno Beddele	75	92	60	66	44	43	36	36	27	28	31	26	11	19	14	4	298
5	East Bale	138	140	135	152	123	80	80	75	49	59	44	55	39	30	32	34	640
6	East Hararge	3122	2797	2769	2391	2294	2010	1676	1470	1221	1081	1036	821	706	678	633	557	13457
7	East Shoa	1460	1375	1433	1420	1353	1295	1153	1137	890	875	778	815	682	728	646	721	8395
8	East Wollega	310	338	315	287	258	230	196	219	110	111	87	69	48	68	72	47	1396
9	Guji	952	857	682	619	598	516	535	473	397	333	357	307	313	263	279	244	4113
10	Horo Guduru Wollega	440	444	319	278	299	261	228	208	146	133	80	90	54	59	43	67	1609
11	Ilu Aba Bora	241	240	186	166	148	156	129	119	76	69	65	83	66	65	51	48	962
12	Jima	206	246	167	212	171	159	187	160	115	128	101	109	74	99	80	103	1101
13	Kellem Wollega	468	445	410	376	391	345	375	366	330	307	277	238	210	194	252	207	2713
14	North Shoa	309	305	249	283	225	241	198	204	124	119	88	78	68	70	54	68	1315
15	OSZS Finfinne	519	490	480	483	317	350	334	317	275	263	203	198	178	180	122	138	2428
16	South West Shoa	261	271	229	210	251	212	214	214	149	158	114	119	66	86	73	79	1357
17	West Arsi	1355	1282	1291	1233	1127	1042	1004	921	853	764	705	707	676	633	710	612	7721
18	West Gujii	682	648	554	490	478	481	380	406	340	307	281	280	252	237	225	208	3192
19	West Hararge	954	867	721	710	566	508	406	397	257	265	208	199	182	154	165	130	3459
20	West Shoa	843	910	857	800	675	685	557	587	422	449	319	316	270	298	281	243	4224
21	West Wollega	849	783	670	671	577	561	427	403	332	334	326	336	287	307	296	317	3764
22	Adama Admin Town	2495	2456	2385	2301	2133	2161	2008	1969	1752	1674	1549	1627	1388	1489	1361	1611	15071
23	Ambo Admin Town	459	398	472	457	284	282	272	233	263	273	226	199	187	216	194	222	2357
24	Assela Admin Town	384	427	454	475	450	446	365	405	364	350	328	368	362	361	411	377	3118
25	Batu Admin Town	592	495	484	483	435	409	444	412	426	341	369	376	323	321	378	325	3451
26	Bishan Gurracha Admin	42	56	34	35	42	27	32	24	14	13	9	9	4	8	7	9	184
27	Bishoftu Admin Town	1083	1006	1031	968	861	944	792	785	677	701	687	700	609	680	575	672	6315
28	Burayu Admin Town	1467	1356	1162	1176	1098	1079	923	926	746	781	613	637	511	551	391	435	6911
29	Dukem Admin Town	316	317	240	229	239	225	218	164	175	138	138	146	133	133	125	133	1584
30	Gelan Admin Town	123	121	93	84	64	81	69	60	60	46	37	49	39	25	28	37	513
31	Holota Admin Town	247	231	253	288	232	224	210	196	175	182	175	157	108	116	109	128	1509
32	Jima Admin Town	845	743	799	721	803	641	645	587	560	513	475	486	406	463	400	416	4933
33	L/Tafo L/Dadhi Admin	330	320	344	310	239	247	239	223	211	172	170	172	129	114	127	114	1789
34	Modjo Admin Town	254	259	215	244	203	214	196	180	154	169	156	132	176	147	131	135	1485
35	Nekemte Admin Town	729	761	673	671	454	488	538	516	450	455	416	452	308	309	292	308	3860
36	Robe Admin Town	438	435	332	342	343	303	319	304	292	277	234	242	225	201	216	198	2399
37	Sebeta Admin Town	1711	1662	1558	1594	1486	1547	1309	1343	1105	1195	1016	1085	717	836	783	842	9685
38	Shashemenne Admin	1171	1069	1183	1079	1101	1134	1114	1012	1027	914	947	892	950	882	948	925	8441
39	Sululta Admin Town	454	476	400	400	381	385	308	306	261	302	220	279	157	168	160	172	2341
40	Woliso Admin Town	257	262	194	241	172	173	162	141	116	131	106	125	67	80	66	96	1140
Oromia		28179	26955	25434	24481	22185	21402	19406	18590	15846	15297	13758	13687	11614	11877	11307	11624	147729

Table 2.1. 11 Rural Primary Enrolment by Grade, All Ownership Schools

Rural Primary Enrolment by Grade, All Ownership Schools in 2013(2020/21 G.C.)																				
SN	ZONE/ Administrative Towns	Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Grade 7		Grade 8		(1-8)		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T
1	Arsi	45526	38982	50895	45211	43191	38946	39001	35264	34995	31596	32071	29528	24859	21558	22259	18647	292797	259732	552529
2	Bale	23642	18711	24848	19585	20557	16373	16915	13500	14544	11285	12613	9770	8795	6533	7151	5526	129065	101283	230348
3	Borena	10391	9218	9051	7866	7505	6483	6409	5612	4645	3662	3514	2786	2471	1834	2118	1528	46104	38989	85093
4	Buno Beddele	13696	12033	14199	12408	11530	10123	10335	9153	8173	7196	7706	6849	6151	5166	5553	4626	77343	67554	144897
5	East Bale	13366	9900	12734	9292	10675	7487	8677	5683	7171	4660	5809	3677	4216	2547	3367	1942	66015	45188	111203
6	East Hararge	100109	79358	92665	72294	72018	54147	55632	39375	39638	26274	32877	19735	24539	13241	19690	9067	437168	313491	750659
7	East Shoa	18010	15706	19731	17182	16453	14290	13799	12445	10477	9533	9317	8539	7170	6440	6176	5651	101133	89786	190919
8	East Wollega	19856	17737	22716	19749	19109	17005	17749	16115	15738	14485	14129	13855	10901	9869	9948	8665	130146	117480	247626
9	Guji	40413	31990	34976	26542	30905	23038	26582	19484	21314	14614	18319	11922	14567	8582	12945	6296	200021	142468	342489
10	Horo Guduru Wollega	8821	7838	9534	8329	8733	7910	8257	7724	7339	6926	7135	7011	5820	5208	5511	5059	61150	56005	117155
11	Ilu Aba Bora	13356	11798	12419	11050	10532	9504	9385	8691	7947	7212	7542	6601	6254	5498	6132	5224	73567	65578	139145
12	Jima	61512	56032	63510	57122	54073	49591	46873	43354	40138	37992	35766	34527	28944	28243	23464	23381	354280	330242	684522
13	Kellem Wollega	15502	13068	14831	12610	11953	10455	11054	9851	10303	9134	10094	8992	8564	7268	8254	6872	90555	78250	168805
14	North Shoa	12751	10514	14703	12064	13170	10902	12174	10272	10077	8280	9554	7871	7076	5906	6069	4849	85574	70658	156232
15	OSZS Finfinne	9568	7977	8851	7237	7874	6419	7092	5622	5801	4530	5450	4225	4352	3409	3921	2916	52909	42335	95244
16	South West Shoa	19523	16133	19906	16060	17215	14085	15471	12273	12023	9425	9939	7833	7357	5834	6425	4832	107859	86475	194334
17	West Arsi	43301	37134	40974	36621	32833	29311	26948	23589	20436	18223	18233	16080	13938	11888	12096	9809	208759	182655	391414
18	West Gujii	36709	28813	29216	23000	23075	18075	20320	15306	15835	11207	13825	9162	10778	6313	9527	4797	159285	116673	275958
19	West Hararge	75310	61743	66164	52782	50496	38632	40966	29580	28128	18920	22930	13668	15389	8307	11592	5675	310975	229307	540282
20	West Shoa	37107	32436	40394	34930	36839	32154	33791	28932	29338	25504	24399	21402	19101	16051	16906	14219	237875	205628	443503
21	West Wollega	19054	16973	21775	19539	19644	17995	19529	17514	17223	15585	17386	16561	14704	12600	14630	12605	143945	129372	273317
22	Adama Admin Town																			
23	Ambo Admin Town	51	54	79	60	81	61	66	62	64	36	60	56	50	40	53	44	504	413	917
24	Assela Admin Town																			
25	Batu Admin Town																			
26	Bishan Gurracha Admin Town																			
27	Bishoftu Admin Town																			
28	Burayu Admin Town	56	45	47	41	45	59	35	34	32	42	26	30	16	23	23	28	280	302	582
29	Dukem Admin Town																			
30	Gelan Admin Town																			
31	Holota Admin Town																			
32	Jima Admin Town																			
33	L/Tafo L/Dadhi Admin Town																			
34	Modjo Admin Town																			
35	Nekemte Admin Town																			
36	Robe Admin Town																			
37	Sebeta Admin Town																			
38	Shashemenne Admin Town																			
39	Sululta Admin Town																			
40	Woliso Admin Town																			
Oromia		637630	534193	624218	521574	518506	433045	447060	369435	361379	296321	318694	260680	246012	192358	213810	162258	3367309	2769864	6137173

Table 2.1. 12 Urban Primary Enrolment by Grade, All Ownership Schools

Urban Primary Enrolment by Grade, All Ownership Schools in 2013(2020/21 G.C.)																				
SN	Zones/ Administrative Towns	Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Grade 7		Grade 8		(1-8)		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T
1	Arsi	5972	5799	8357	7930	7561	7552	6909	6927	6966	7045	7216	7528	6224	6074	6407	6274	55612	55129	110741
2	Bale	3672	3270	4614	4169	3822	3537	3283	3148	3089	2727	2956	2638	2583	2203	2249	2050	26268	23742	50010
3	Borena	1954	2064	1865	1969	1623	1748	1588	1699	1474	1528	1430	1531	1288	1251	1264	1220	12486	13010	25496
4	Buno Beddele	1778	1718	2158	2102	1803	1702	1657	1670	1812	1861	1884	1943	1624	1799	1743	1878	14459	14673	29132
5	East Bale	1583	1450	1978	1721	1513	1280	1359	1167	1203	1104	1273	1078	997	714	926	697	10832	9211	20043
6	East Hararge	12527	10937	13207	10914	10652	8843	8560	7001	7983	6482	7571	5677	6740	4789	6555	4453	73795	59096	132891
7	East Shoa	3931	3891	4265	4350	3983	3980	3730	3772	3528	3584	3967	3976	3513	3632	3561	3742	30478	30927	61405
8	East Wollega	5046	4649	6104	5724	5526	5368	4982	4842	5166	5163	5357	5649	4497	4351	4187	4235	40865	39981	80846
9	Guji	4443	4245	3708	3503	3427	3263	3050	3198	3063	2841	2879	2736	2788	2548	2657	2426	26015	24760	50775
10	Horo Guduru Wollega	2725	2720	3035	3079	3124	3216	3057	3058	3008	3306	3234	3457	2845	2797	2832	3037	23860	24670	48530
11	Ilu Aba Bora	2247	2065	2262	2102	1897	1840	1777	1751	1978	1974	2101	2103	1935	1855	2054	2047	16251	15737	31988
12	Jima	5713	5620	6872	6886	6008	5854	5409	5545	5204	5453	5528	5786	4884	5249	4933	5351	44551	45744	90295
13	Kellem Wollega	2877	2735	2769	2476	2312	2343	2084	2040	2363	2384	2395	2351	2136	2151	2507	2265	19443	18745	38188
14	North Shoa	3575	3578	4359	4269	4008	3934	3725	3726	3757	3849	3942	4039	3171	3189	3309	3246	29846	29830	59676
15	OSZS Finfinne	1903	1939	2088	1981	1864	1940	1588	1627	1894	1913	1727	1820	1558	1622	1500	1782	14122	14624	28746
16	South West Shoa	2708	2802	3582	3405	3083	3115	2886	2775	2915	2788	2715	2704	2088	2025	1828	1814	21805	21428	43233
17	West Arsi	7409	6922	7932	7885	7305	7058	6511	6184	5662	5378	5447	5044	4874	4522	4823	4015	49963	47008	96971
18	West Gujii	4022	3915	3116	3041	2566	2823	2554	2532	2261	2371	2042	2181	2040	2030	2085	1878	20686	20771	41457
19	West Hararge	6712	6175	7565	6578	6230	5446	5257	4620	5457	4587	5406	4429	4442	3539	4577	3343	45646	38717	84363
20	West Shoa	6411	6502	7406	7630	6963	7152	6306	6431	6613	6499	5868	6136	5001	5096	5245	5107	49813	50553	100366
21	West Wollega	5137	4934	5320	5115	4578	4442	4306	4345	4478	4502	4964	5115	3959	4076	4559	4693	37301	37222	74523
22	Adama Admin Town	4461	4714	4502	4789	4164	4472	4015	4413	3735	4117	3722	4426	3764	4245	3949	4910	32312	36086	68398
23	Ambo Admin Town	1366	1597	1666	2044	1109	1446	1071	1394	995	1381	1016	1425	1029	1097	1072	1460	9324	11844	21168
24	Assela Admin Town	736	821	922	969	948	1036	845	950	850	1009	900	1025	1005	1076	1071	1264	7277	8150	15427
25	Batu Admin Town	1188	1201	1103	1190	1038	1045	976	936	944	957	926	1033	916	935	983	903	8074	8200	16274
26	Bishan Gurracha Admin Town	337	335	248	261	266	253	213	199	167	157	136	122	123	99	108	87	1598	1513	3111
27	Bishoftu Admin Town	2050	2145	2206	2488	1986	2339	1814	2049	1756	2092	1756	2219	1670	2154	1782	2486	15020	17972	32992
28	Burayu Admin Town	2204	2488	1856	2349	1828	2040	1551	1920	1359	1724	1170	1624	1063	1465	985	1413	12016	15023	27039
29	Dukem Admin Town	753	858	705	674	654	691	648	645	581	587	665	701	467	572	592	750	5065	5478	10543
30	Gelan Admin Town	376	348	305	321	310	349	205	218	170	201	206	204	170	200	164	236	1906	2077	3983
31	Holota Admin Town	665	826	896	1029	788	908	722	853	754	838	807	845	672	706	720	955	6024	6960	12984
32	Jima Admin Town	2812	2821	3193	3256	2730	2859	2528	2583	2375	2451	2199	2477	2274	2508	1999	2173	20110	21128	41238
33	L/Tafo L/Dadhi Admin Town	559	668	613	664	541	634	513	513	430	450	386	490	337	422	353	435	3732	4276	8008
34	Modjo Admin Town	678	699	666	741	716	754	596	674	635	728	620	705	558	654	574	747	5043	5702	10745
35	Nekemte Admin Town	1510	1684	1531	1632	1251	1456	1223	1440	1259	1467	1215	1552	1122	1446	1212	1558	10323	12235	22558
36	Robe Admin Town	1065	1022	1279	1296	1202	1187	1040	1051	928	938	1044	1030	913	910	919	937	8390	8371	16761
37	Sebeta Admin Town	2986	3189	2720	3058	2537	2890	2286	2607	1985	2257	1914	2154	1492	1718	1528	1836	17448	19709	37157
38	Shashemenne Admin Town	2418	2406	2281	2272	2290	2620	2232	2232	2161	2096	2051	2234	2105	2219	2277	2117	17815	18196	36011
39	Sululta Admin Town	915	988	852	827	839	896	709	767	678	747	610	737	479	551	507	631	5589	6144	11733
40	Woliso Admin Town	950	1078	846	1102	793	934	722	883	765	869	755	864	629	757	723	904	6183	7391	13574
Oromia		120374	117818	130952	127791	115838	115245	104487	104385	102401	102405	102000	103788	89975	89246	91319	91355	857346	852033	1709379

Table 2.1. 13 Primary Education Enrolment by Cycle, All Ownership

Primary Education Enrolment by Cycle, All Ownership in 2013 (2020/21 G.C.)										
SN	Zone/Administrative Town	Grade 1-6			Grade 7-8			Grade 1-8		
		M	F	T	M	F	T	M	F	T
1	Arsi	288660	262308	550968	59749	52553	112302	348409	314861	663270
2	Bale	134555	108713	243268	20778	16312	37090	155333	125025	280358
3	Borena	51449	46166	97615	7141	5833	12974	58590	51999	110589
4	Buno Beddele	76731	68758	145489	15071	13469	28540	91802	82227	174029
5	East Bale	67341	48499	115840	9506	5900	15406	76847	54399	131246
6	East Hararge	453439	341037	794476	57524	31550	89074	510963	372587	883550
7	East Shoa	111191	101248	212439	20420	19465	39885	131611	120713	252324
8	East Wollega	141478	130341	271819	29533	27120	56653	171011	157461	328472
9	Guji	193079	147376	340455	32957	19852	52809	226036	167228	393264
10	Horo Guduru Wollega	68002	64574	132576	17008	16101	33109	85010	80675	165685
11	Ilu Aba Bora	73443	66691	140134	16375	14624	30999	89818	81315	171133
12	Jima	336606	313762	650368	62225	62224	124449	398831	375986	774817
13	Kellem Wollega	88537	78439	166976	21461	18556	40017	109998	96995	206993
14	North Shoa	95795	83298	179093	19625	17190	36815	115420	100488	215908
15	OSZS Finfinne	55700	47230	102930	11331	9729	21060	67031	56959	123990
16	South West Shoa	111966	93398	205364	17698	14505	32203	129664	107903	237567
17	West Arsi	222991	199429	422420	35731	30234	65965	258722	229663	488385
18	West Gujii	155541	122426	277967	24430	15018	39448	179971	137444	317415
19	West Hararge	320621	247160	567781	36000	20864	56864	356621	268024	624645
20	West Shoa	241435	215708	457143	46253	40473	86726	287688	256181	543869
21	West Wollega	143394	132620	276014	37852	33974	71826	181246	166594	347840
22	Adama Admin Town	24599	26931	51530	7713	9155	16868	32312	36086	68398
23	Ambo Admin Town	7624	9616	17240	2204	2641	4845	9828	12257	22085
24	Assela Admin Town	5201	5810	11011	2076	2340	4416	7277	8150	15427
25	Batu Admin Town	6175	6362	12537	1899	1838	3737	8074	8200	16274
26	Bishan Gurracha Admin Town	1367	1327	2694	231	186	417	1598	1513	3111
27	Bishoftu Admin Town	11568	13332	24900	3452	4640	8092	15020	17972	32992
28	Burayu Admin Town	10209	12396	22605	2087	2929	5016	12296	15325	27621
29	Dukem Admin Town	4006	4156	8162	1059	1322	2381	5065	5478	10543
30	Gelan Admin Town	1572	1641	3213	334	436	770	1906	2077	3983
31	Holota Admin Town	4632	5299	9931	1392	1661	3053	6024	6960	12984
32	Jima Admin Town	15837	16447	32284	4273	4681	8954	20110	21128	41238
33	L/Tafo L/Dadhi Admin Town	3042	3419	6461	690	857	1547	3732	4276	8008
34	Modjo Admin Town	3911	4301	8212	1132	1401	2533	5043	5702	10745
35	Nekemte Admin Town	7989	9231	17220	2334	3004	5338	10323	12235	22558
36	Robe Admin Town	6558	6524	13082	1832	1847	3679	8390	8371	16761
37	Sebeta Admin Town	14428	16155	30583	3020	3554	6574	17448	19709	37157
38	Shashemenne Admin Town	13433	13860	27293	4382	4336	8718	17815	18196	36011
39	Sululta Admin Town	4603	4962	9565	986	1182	2168	5589	6144	11733
40	Woliso Admin Town	4831	5730	10561	1352	1661	3013	6183	7391	13574
Oromia		3583539	3086680	6670219	641116	535217	1176333	4224655	3621897	7846552

Table 2.1. 14 Primary Education Evening Enrolment by Grade, All Ownership

Primary Evening Enrolment by Grade Government and Non-Government Schools in 2013 (2020/21 G.C)																				
SN	Zones/ Administrative Towns	Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Grade 7		Grade 8		(1-8)		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T
1	Arsi	2	2	3	2	8	6	8	4	19	11	18	20	35	16	39	17	132	78	210
2	Bale	23	0	18	0	28	0	43	0	28	0	37	0	17	0	20	0	214	0	214
3	Borena	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Buno Beddele	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	East Bale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	East Hararge	22	12	38	14	42	36	62	37	148	126	136	64	74	73	125	82	647	444	1091
7	East Shoa	6	9	2	4	17	8	17	3	21	6	29	6	36	8	96	26	224	70	294
8	East Wollega	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Guji	33	21	17	30	26	26	30	24	39	32	56	26	80	29	92	29	373	217	590
10	Horo Guduru Wollega	8	9	12	6	6	7	14	14	10	17	18	13	25	19	37	27	130	112	242
11	Ilu Aba Bora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Jima	0	0	3	3	3	6	15	9	12	2	11	4	27	10	21	10	92	44	136
13	Kellem Wollega	0	0	0	0	0	0	0	0	2	6	22	31	44	35	98	62	166	134	300
14	North Shoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	OSZS Finfinne	19	23	19	37	22	34	30	23	31	24	29	23	27	29	33	46	210	239	449
16	South West Shoa	7	8	7	7	6	3	11	4	25	5	17	8	22	13	27	9	122	57	179
17	West Arsi	0	0	2	0	2	0	2	1	2	0	5	1	3	0	20	6	36	8	44
18	West Gujii	7	4	2	5	10	8	6	8	13	9	15	8	27	20	63	32	143	94	237
19	West Hararge	3	21	7	26	10	32	14	56	19	50	35	48	58	56	60	48	206	337	543
20	West Shoa	11	15	20	45	30	32	42	34	68	46	52	52	108	50	184	54	515	328	843
21	West Wollega	0	0	0	0	0	0	0	0	1	15	39	43	44	52	72	78	156	188	344
22	Adama Admin Town	114	182	137	220	107	162	129	206	203	214	248	272	328	290	449	446	1715	1992	3707
23	Ambo Admin Town	26	115	47	228	48	122	63	118	76	104	108	136	114	145	196	183	678	1151	1829
24	Assela Admin Town	0	0	0	0	9	19	11	18	15	16	30	37	32	21	58	35	155	146	301
25	Batu Admin Town	39	90	16	37	12	22	19	28	28	20	40	38	57	39	86	55	297	329	626
26	Bishan Gurracha Admin Town	12	10	10	9	12	11	10	16	13	10	15	3	16	6	0	0	88	65	153
27	Bishoftu Admin Town	41	115	44	103	35	99	56	110	68	143	66	147	69	130	118	180	497	1027	1524
28	Burayu Admin Town	43	121	46	120	51	96	56	143	99	153	87	190	118	181	164	213	664	1217	1881
29	Dukem Admin Town	16	22	24	19	22	36	21	38	15	28	19	33	21	30	33	168	239	407	
30	Gelan Admin Town	14	20	20	21	19	18	10	23	14	17	17	15	21	17	26	20	141	151	292
31	Holota Admin Town	6	11	17	28	14	35	22	39	28	28	35	33	41	29	60	56	223	259	482
32	Jima Admin Town	100	101	118	94	110	66	119	119	158	73	139	122	386	297	173	128	1303	1000	2303
33	L/Tafo L/Dadhi Admin Town	53	81	32	42	49	34	33	35	44	44	37	48	54	76	66	89	368	449	817
34	Modjo Admin Town	0	0	5	13	16	17	9	17	11	23	20	21	28	18	41	41	130	150	280
35	Nekemte Admin Town	0	9	1	12	4	8	3	16	21	52	41	73	60	93	109	91	239	354	593
36	Robe Admin Town	2	1	3	2	14	5	16	5	29	10	28	10	37	13	42	15	171	61	232
37	Sebeta Admin Town	37	94	31	73	33	63	26	75	45	79	42	61	56	76	71	100	341	621	962
38	Shashemenne Admin Town	51	57	48	54	61	46	107	50	122	35	114	38	139	42	194	59	836	381	1217
39	Sululta Admin Town	27	40	20	36	24	39	23	32	25	43	35	44	31	29	50	47	235	310	545
40	Woliso Admin Town	0	0	20	51	22	68	21	51	32	49	32	32	39	36	61	39	227	326	553
Oromia		722	1193	789	1341	872	1164	1048	1356	1484	1490	1672	1700	2274	1978	2981	2356	11842	12578	24420

Table 2.1. 15 Government Primary Schools Evening Enrolment by Grade

Government Primary Schools Evening Enrolment by Grade in 2013 (2020/21 G.C)																				
SN	Zones/ Administrative Towns	Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Grade 7		Grade 8		(1-8)		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T
1	Arsi	2	2	3	2	8	6	8	4	19	11	18	20	35	16	39	17	132	78	210
2	Bale					8	0	4	0	8	0	15	0	5	0			40	0	40
3	Borena																			
4	Buno Beddele																			
5	East Bale																			
6	East Hararge	22	12	28	12	25	15	46	23	102	111	61	36	56	33	69	54	409	296	705
7	East Shoa	6	9	2	4	17	8	17	3	21	6	29	6	36	8	96	26	224	70	294
8	East Wollega																			
9	Guji	33	21	17	30	26	26	30	24	39	32	56	26	80	29	92	29	373	217	590
10	Horo Guduru Wollega	8	9	12	6	6	7	14	14	10	17	18	13	25	19	37	27	130	112	242
11	Ilu Aba Bora																			
12	Jima			3	3	3	6	15	9	12	2	11	4	27	10	21	10	92	44	136
13	Kellem Wollega									2	6	22	31	44	35	98	62	166	134	300
14	North Shoa																			
15	OSZS Finfinne	17	21	16	26	21	28	26	19	29	20	28	22	25	24	29	32	191	192	383
16	South West Shoa	7	8	7	7	6	3	11	4	25	5	12	6	16	4	27	9	111	46	157
17	West Arsi															7	3	7	3	10
18	West Gujii											6	5	23	10	47	18	76	33	109
19	West Hararge	3	8	7	13	7	17	14	32	17	35	29	36	50	39	60	48	187	228	415
20	West Shoa	10	11	16	37	22	25	31	26	50	27	38	32	65	29	112	30	344	217	561
21	West Wollega											10	1	14	4	18	11	42	16	58
22	Adama Admin Town	98	163	118	177	97	127	108	164	161	163	192	214	271	214	364	340	1409	1562	2971
23	Ambo Admin Town	26	115	47	228	48	122	63	118	76	104	108	136	114	145	196	183	678	1151	1829
24	Assela Admin Town					2	4	10	8	5	2	20	19	15	10	34	20	86	63	149
25	Batu Admin Town	39	90	16	37	12	22	19	28	28	20	40	38	57	39	86	55	297	329	626
26	Bishan Gurracha Admin Town	12	10	10	9	12	11	10	16	13	10	15	3	16	6			88	65	153
27	Bishoftu Admin Town	41	113	42	100	35	93	56	110	68	137	61	145	69	130	118	180	490	1008	1498
28	Burayu Admin Town	33	99	34	80	37	68	48	117	81	122	76	158	100	130	137	161	546	935	1481
29	Dukem Admin Town	16	22	24	19	22	36	21	38	15	28	19	33	21	30	30	33	168	239	407
30	Gelan Admin Town	14	20	20	21	19	18	10	23	14	17	17	15	21	17	26	20	141	151	292
31	Holota Admin Town	6	11	17	28	14	35	22	39	28	28	35	33	41	29	60	56	223	259	482
32	Jima Admin Town	100	101	118	94	110	66	119	119	158	73	139	122	386	297	173	128	1303	1000	2303
33	L/Tafo L/Dadhi Admin Town	53	81	32	42	49	34	33	35	44	44	37	48	54	76	66	89	368	449	817
34	Modjo Admin Town			5	13	16	17	9	17	11	23	20	21	28	18	41	41	130	150	280
35	Nekemte Admin Town	0	9	1	12	4	8	3	16	21	52	41	73	60	93	109	91	239	354	593
36	Robe Admin Town	2	1	3	2	3	1	6	5	10	10	9	8	15	10	7	10	55	47	102
37	Sebeta Admin Town	29	70	25	40	29	38	20	46	37	50	29	36	46	39	59	48	274	367	641
38	Shashemenne Admin Town	0	4	3	6	3	4	9	6	8	3	8	5	15	6	27	12	73	46	119
39	Sululta Admin Town	21	28	17	23	20	25	17	21	17	25	25	32	27	23	31	25	175	202	377
40	Woliso Admin Town			20	51	22	68	21	51	32	49	32	32	39	36	61	39	227	326	553
Oromia		598	1038	663	1122	703	938	820	1135	1161	1232	1276	1409	1896	1608	2377	1907	9494	10389	19883

Table 2.1. 16 Non-Government Primary Schools Evening Enrolment by Grade

Non-Government Primary Schools Evening Enrolment by Grade in 2013 (2020/21 G.C)																				
SN	Zones/ Administrative Towns	Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Grade 7		Grade 8		(1-8)		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T
1	Arsi																			
2	Bale	23	0	18	0	20	0	39	0	20	0	22	0	12	0	20	0	174	0	174
3	Borena																			
4	Buno Beddele																			
5	East Bale																			
6	East Hararge	0	0	10	2	17	21	16	14	46	15	75	28	18	40	56	28	238	148	386
7	East Shoa																			
8	East Wollega																			
9	Guji																			
10	Horo Guduru Wollega																			
11	Ilu Aba Bora																			
12	Jima																			
13	Kellem Wollega																			
14	North Shoa																			
15	OSZS Finfinne	2	2	3	11	1	6	4	4	2	4	1	1	2	5	4	14	19	47	66
16	South West Shoa											5	2	6	9	0	0	11	11	22
17	West Arsi			2	0	2	0	2	1	2	0	5	1	3	0	13	3	29	5	34
18	West Gujii	7	4	2	5	10	8	6	8	13	9	9	3	4	10	16	14	67	61	128
19	West Hararge	0	13	0	13	3	15	0	24	2	15	6	12	8	17	0	0	19	109	128
20	West Shoa	1	4	4	8	8	7	11	8	18	19	14	20	43	21	72	24	171	111	282
21	West Wollega	0	0	0	0	0	0	0	0	1	15	29	42	30	48	54	67	114	172	286
22	Adama Admin Town	16	19	19	43	10	35	21	42	42	51	56	58	57	76	85	106	306	430	736
23	Ambo Admin Town																			
24	Assela Admin Town	0	0	0	0	7	15	1	10	10	14	10	18	17	11	24	15	69	83	152
25	Batu Admin Town																			
26	Bishan Gurracha Admin Town																			
27	Bishoftu Admin Town	0	2	2	3	0	6	0	0	0	6	5	2	0	0	0	0	7	19	26
28	Burayu Admin Town	10	22	12	40	14	28	8	26	18	31	11	32	18	51	27	52	118	282	400
29	Dukem Admin Town																			
30	Gelan Admin Town																			
31	Holota Admin Town																			
32	Jima Admin Town																			
33	L/Tafo L/Dadhi Admin Town																			
34	Modjo Admin Town																			
35	Nekemte Admin Town																			
36	Robe Admin Town	0	0	0	0	11	4	10	0	19	0	19	2	22	3	35	5	116	14	130
37	Sebeta Admin Town	8	24	6	33	4	25	6	29	8	29	13	25	10	37	12	52	67	254	321
38	Shashemenne Admin Town	51	53	45	48	58	42	98	44	114	32	106	33	124	36	167	47	763	335	1098
39	Sululta Admin Town	6	12	3	13	4	14	6	11	8	18	10	12	4	6	19	22	60	108	168
40	Woliso Admin Town																			
Oromia		124	155	126	219	169	226	228	221	323	258	396	291	378	370	604	449	2348	2189	4537

Table 2.1. 17 Primary Schools Enrolment by in Amharic Language Schools

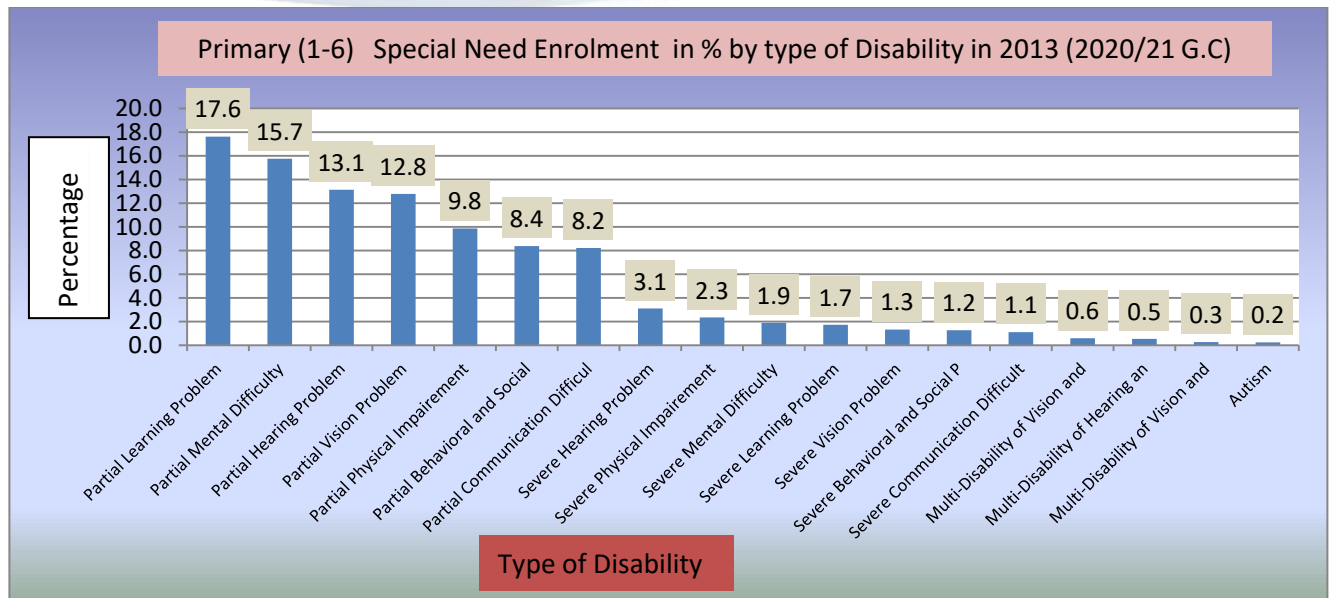
Number of Primary Schools and Enrolment by Grade, Amharic Language as Media of Instruction , in 2013 (2020/21 .G.C)																					
SN	Zones/ Administrative Towns	No of schools	Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Grade 7		Grade 8		Grade (1-8)		
			M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T
1	Arsi	80	1013	1012	1461	1316	1471	1426	1516	1440	1591	1524	1665	1667	1560	1474	1646	1547	11923	11406	23329
2	Bale	8	160	183	197	200	176	184	180	205	175	184	175	153	226	203	182	190	1471	1502	2973
3	Borena	2	39	39	49	43	31	23	33	21	8	18	16	17	7	17	14	14	197	192	389
4	Buno Beddele	4	26	39	78	62	69	64	63	66	62	68	63	75	58	78	83	66	502	518	1020
5	East Bale	5	135	129	115	127	134	121	100	92	102	90	102	88	77	80	94	92	859	819	1678
6	East Hararge	7	187	189	191	209	178	193	139	176	153	179	154	152	74	55	98	93	1174	1246	2420
7	East Shoa	115	2206	2044	2245	2164	2216	2132	2326	2240	2015	1901	2108	2055	1932	2009	1949	2015	16997	16560	33557
8	East Wollega	27	505	431	522	470	740	651	632	615	619	637	523	488	455	400	387	342	4383	4034	8417
9	Guji	24	804	733	718	722	859	778	732	751	718	684	708	722	610	598	576	613	5725	5601	11326
10	Horo Guduru Wollega	11							407	368	350	377	371	368	291	268	230	205	1649	1586	3235
11	Ilu Aba Bora	9	114	96	75	89	155	144	188	168	134	116	138	120	142	140	122	112	1068	985	2053
12	Jima	19	242	226	263	318	337	315	422	434	497	546	537	550	545	564	457	498	3300	3451	6751
13	Kellem Wollega	1	36	27	49	21	24	18	27	26									136	92	228
14	North Shoa	143	2681	2477	2827	2607	2602	2405	2502	2338	2109	2051	2095	2039	1566	1585	1548	1425	17930	16927	34857
15	OSZS Finfinne	30	508	549	530	471	492	465	529	493	532	506	455	455	404	431	390	457	3840	3827	7667
16	South West Shoa	5	166	153	211	186	250	219	235	213	206	188	177	181	165	140	129	129	1539	1409	2948
17	West Arsi	25	339	356	367	372	370	377	347	424	393	439	345	379	379	419	398	399	2938	3165	6103
18	West Gujii	6	272	262	208	200	197	189	169	167	204	186	166	193	166	169	96	84	1478	1450	2928
19	West Hararge	15	361	304	321	247	343	273	236	263	236	217	328	262	408	330	403	349	2636	2245	4881
20	West Shoa	7	58	58	100	77	115	153	148	155	136	159	138	158	178	175	150	189	1023	1124	2147
21	West Wollega																				
22	Adama Admin Town	96	2511	2615	2442	2450	2528	2725	2482	2598	2295	2434	2143	2193	2284	2517	2136	2564	18821	20096	38917
23	Ambo Admin Town																				
24	Assela Admin Town	19	323	356	407	415	388	397	373	397	412	446	424	435	438	506	443	543	3208	3495	6703
25	Batu Admin Town	12	464	457	414	435	393	365	381	359	361	386	347	365	317	342	349	278	3026	2987	6013
26	Bishan Gurracha Admin Town	2	101	108	88	104	87	107	86	109	92	107	85	95	68	64	80	67	687	761	1448
27	Bishoftu Admin Town	59	1282	1246	1340	1345	1246	1386	1157	1249	1164	1265	1185	1324	1164	1332	1273	1467	9811	10614	20425
28	Burayu Admin Town	60	726	717	617	591	723	689	568	608	526	515	411	427	343	361	264	280	4178	4188	8366
29	Dukem Admin Town	14	235	245	225	204	314	320	336	259	297	292	311	277	290	297	280	379	2288	2273	4561
30	Gelan Admin Town	6	108	109	85	77	69	76	65	55	50	56	37	39	39	25	28	37	481	474	955
31	Holota Admin Town	5	106	97	180	163	153	158	142	186	138	160	145	149	106	141	132	168	1102	1222	2324
32	Jima Admin Town	22	695	859	864	907	823	1007	850	960	822	823	807	888	858	859	789	953	6508	7256	13764
33	L/Tafo L/Dadhi Admin Town	16	194	185	203	179	188	195	166	170	159	153	114	128	101	112	100	108	1225	1230	2455
34	Modjo Admin Town	9	387	394	388	432	459	447	409	399	410	428	412	405	370	408	345	387	3180	3300	6480
35	Nekemte Admin Town																				
36	Robe Admin Town	3	33	42	35	31	55	46	49	51	75	68	58	61	53	62	53	52	411	413	824
37	Sebeta Admin Town	69	1634	1596	1514	1567	1479	1532	1319	1352	1241	1328	1183	1254	913	1055	976	1046	10259	10730	20989
38	Shashemene Admin Town	44	787	842	871	898	906	1010	804	834	771	833	836	863	739	846	752	846	6466	6972	13438
39	Sululta Admin Town	22	377	376	356	351	342	365	274	280	279	305	243	283	194	219	209	210	2274	2389	4663
40	Woliso Admin Town	6	274	249	250	232	220	182	230	231	218	226	250	224	194	203	218	235	1854	1782	3636
Oromia		1007	20089	19800	20806	20282	21132	21137	20622	20752	19550	19895	19255	19532	17714	18484	17379	18439	156547	158321	314868

2.1.2.3. Enrolment of Children with Special Needs

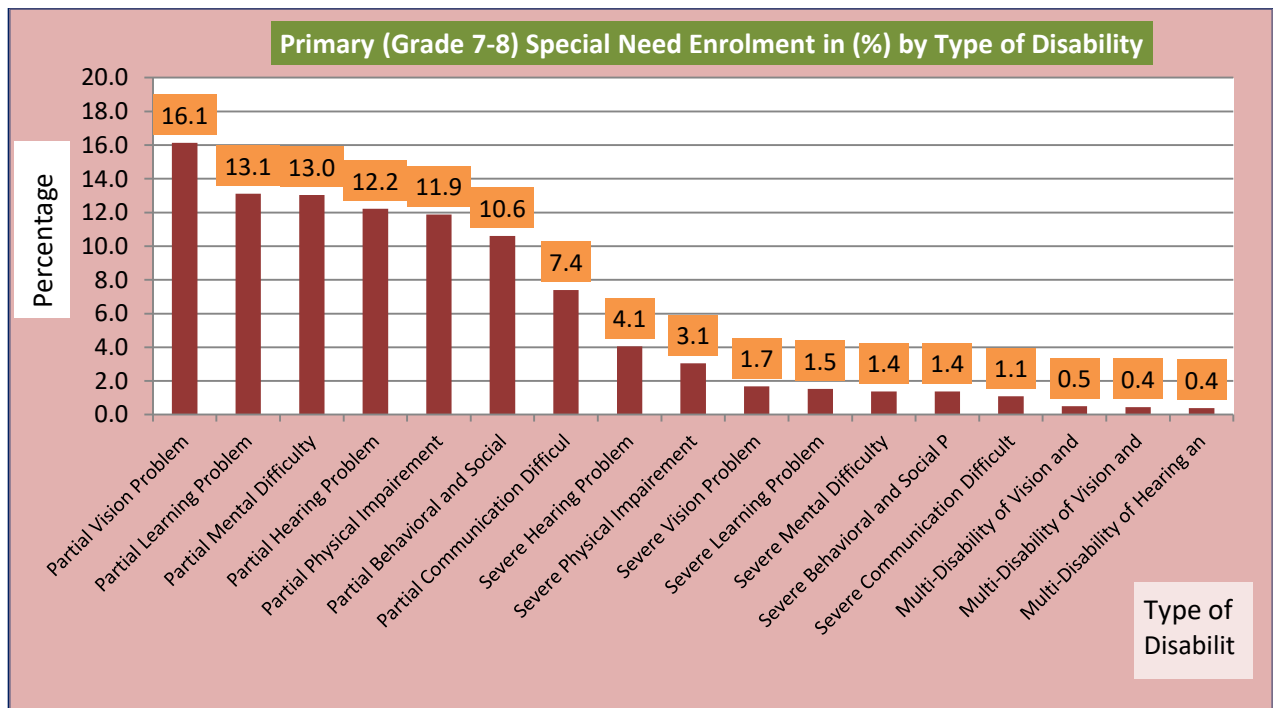
The issue of special needs data has also been addressed in the process of collecting educational data of 2013 (2020/21 G.C) ASC. Graphs 2.1.6, 2.1.7 & 2.1.8 below illustrate enrolment with Special Needs by type of disability in the primary first and second cycle. In the academic year, there were 68,069 (Male 39,852, Female 28,217) children with Special Needs enrolment in the region. Amongst, 8,527 (12.53%) have partial and severe physical difficulty, 9,911 (14.56%) have partial and severe vision difficulty, 11,047 (16.2%) have partial and severe hearing difficulty and 11,730 (17.2%) have partial and severe mental difficulty and the other types of disabilities such as multi disabilities, autism, communication difficulties, learning difficulties, behavioral and social difficulties incorporate 26,854 (39.45%).

This data indicates that, there are a lot of children with Special Needs who are currently not attending schools throughout the region as compared to 10% (As UNESCO estimate) of school age population of their level. The above figure accounts only 0.87% of the total primary enrolment in the region. The existence of such a large number of students with special needs in the region requires the attention of all concerned for designing and implementing the already existing inclusive policy and strategy to provide them the support of teachers training, physical infrastructure, provision of learning equipment and preparing special schools where it is needed. Therefore, the issue needs great attention of all concerned bodies to enable them to get an opportunity to learn in an inclusive environment and keep their right to learn.

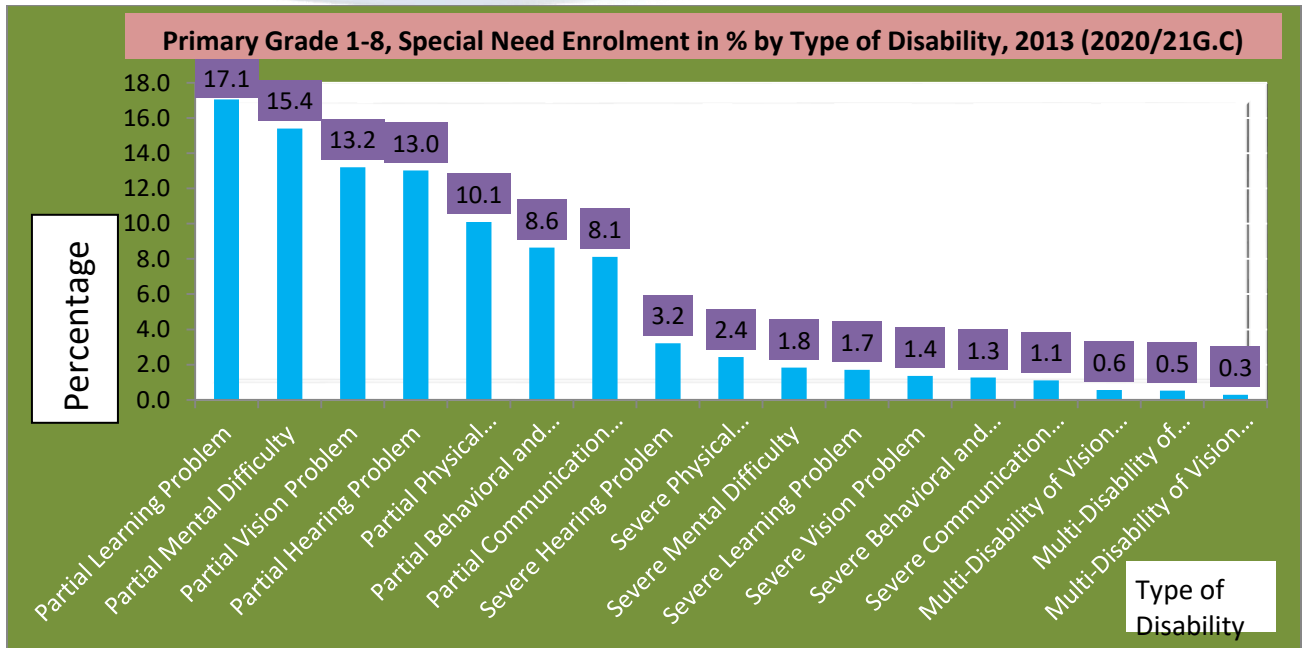
Graph 2.1. 6 Primary 1-6 Special Need Enrolment by Type of Disability



Graph 2.1. 7 Primary 7-8 Special Need Enrolment in % by Type of Disability 2013 (2020/21G.C)

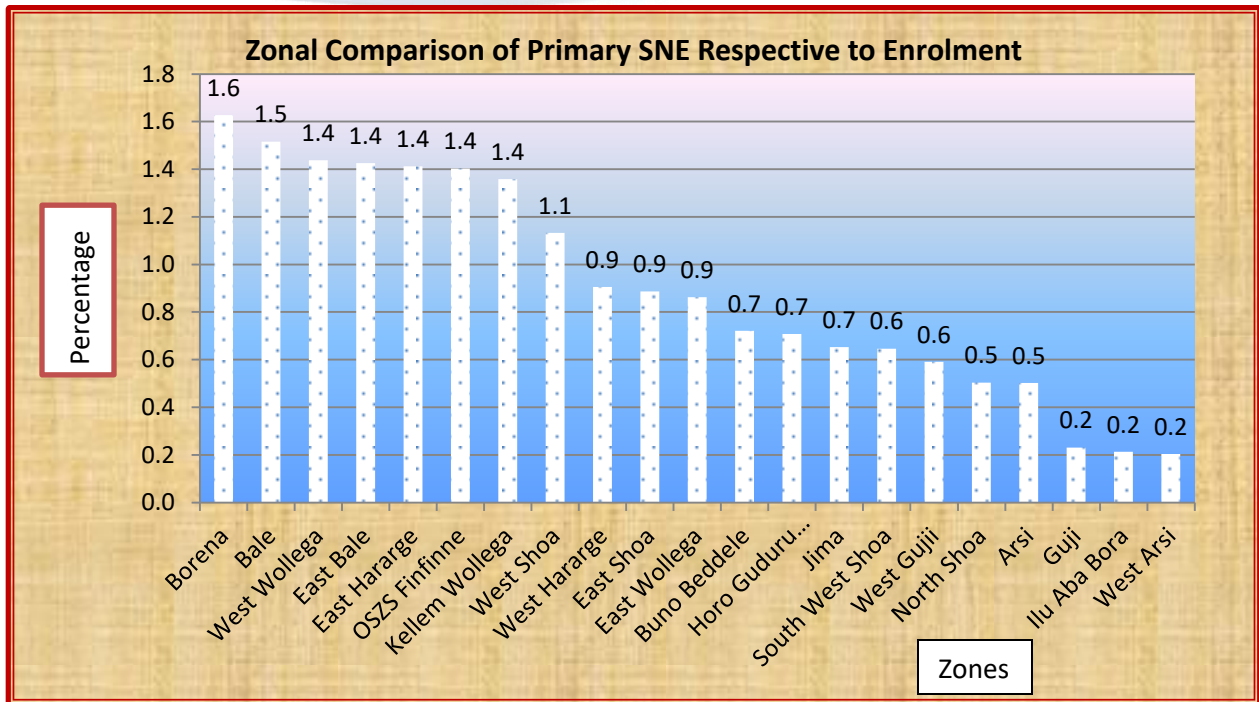


Graph 2.1. 8 Primary Grade 1-8, Special Needs Enrolment in % by Type of Disability



As shown in graph 2.1.9 below, the zonal analysis on children with special needs in primary schools shows that Borena has relatively the largest share of special needs enrolment with its respective enrolment which accounts for 1.6%. On the other hand, West Arsi has the least share of special needs enrolment in respective to its enrolment which accounts for 0.2%. As shown in graph 2.1.10 below, Woliso administrative town has relatively the highest share of special needs enrolment which accounts for of 2.0% when compared with its respective enrolment, whereas Bishan Guracha administrative town is the only administrative town with no special need enrolment in the year.

Graph 2.1. 9 Zonal Comparison of Primary Special Need Education Respective to Enrolment



Graph 2.1. 10 Administrative Town Comparison of Primary SNE Respective to Enrolment

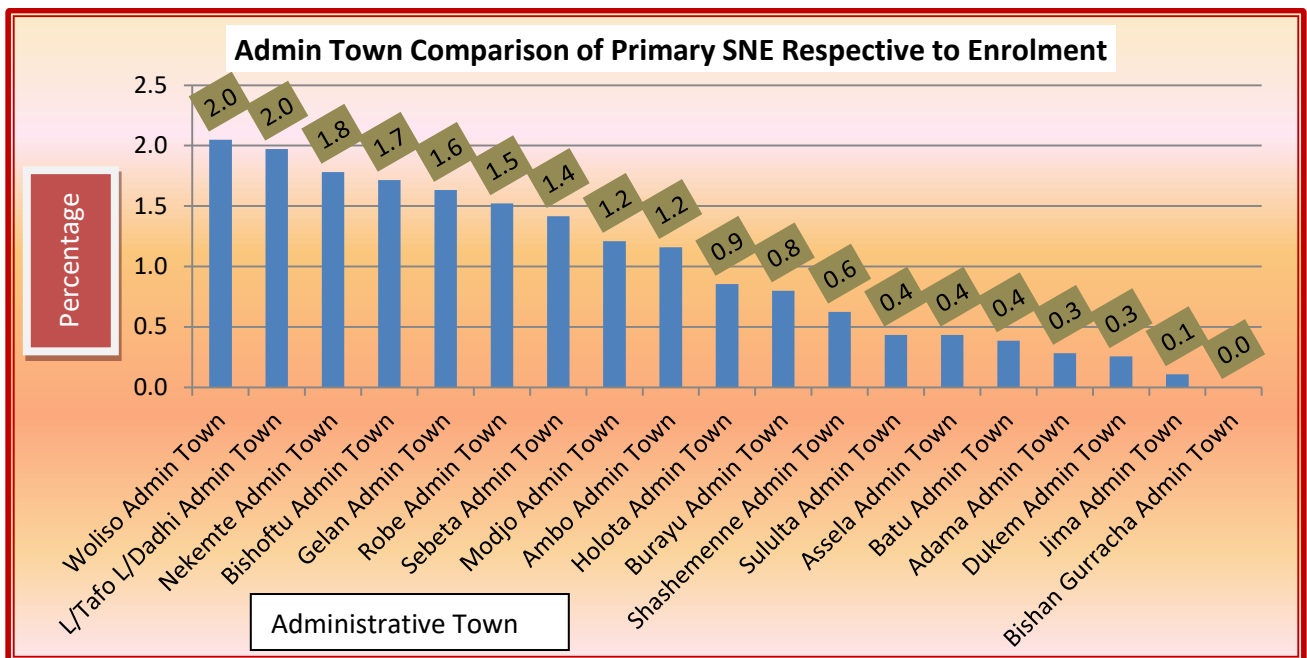


Table 2.1. 18 Primary Enrolment of Children with Special Need

Primary Enrollment of Children with Special Need Education By Zone/Admin Towns; 2013 (2020/21 G.C)										
SN	Zone/ Administrative Towns	(1-6)			(7-8)			(1-8)		
		M	F	T	M	F	T	M	F	T
1	Arsi	1671	1241	2912	239	183	422	1910	1424	3334
2	Bale	2239	1508	3747	318	185	503	2557	1693	4250
3	Borena	885	744	1629	98	72	170	983	816	1799
4	Buno Beddele	639	481	1120	84	51	135	723	532	1255
5	East Bale	1024	674	1698	106	67	173	1130	741	1871
6	East Hararge	6996	4263	11259	800	423	1223	7796	4686	12482
7	East Shoa	1111	836	1947	165	126	291	1276	962	2238
8	East Wollega	1412	1014	2426	233	174	407	1645	1188	2833
9	Guji	492	301	793	79	35	114	571	336	907
10	Horo Guduru Wollega	560	446	1006	90	77	167	650	523	1173
11	Ilu Aba Bora	188	140	328	24	13	37	212	153	365
12	Jima	2473	1853	4326	435	298	733	2908	2151	5059
13	Kellem Wollega	1391	1047	2438	222	153	375	1613	1200	2813
14	North Shoa	548	411	959	74	55	129	622	466	1088
15	OSZS Finfinne	881	730	1611	79	50	129	960	780	1740
16	South West Shoa	825	516	1341	130	64	194	955	580	1535
17	West Arsi	530	338	868	86	43	129	616	381	997
18	West Gujii	956	679	1635	151	88	239	1107	767	1874
19	West Hararge	2957	2129	5086	328	242	570	3285	2371	5656
20	West Shoa	3042	2241	5283	495	384	879	3537	2625	6162
21	West Wollega	2406	1765	4171	497	331	828	2903	2096	4999
22	Adama Admin Town	84	81	165	13	16	29	97	97	194
23	Ambo Admin Town	100	121	221	12	23	35	112	144	256
24	Assela Admin Town	33	24	57	6	4	10	39	28	67
25	Batu Admin Town	29	27	56	3	4	7	32	31	63
26	Bishan Gurracha Admin Town	0	0	0	0	0	0	0	0	0
27	Bishoftu Admin Town	248	222	470	41	55	96	289	277	566
28	Burayu Admin Town	87	92	179	22	20	42	109	112	221
29	Dukem Admin Town	16	6	22	4	1	5	20	7	27
30	Gelan Admin Town	28	11	39	7	19	26	35	30	65
31	Holota Admin Town	59	37	96	5	10	15	64	47	111
32	Jima Admin Town	26	13	39	2	3	5	28	16	44
33	L/Tafo L/Dadhi Admin Town	75	61	136	9	13	22	84	74	158
34	Modjo Admin Town	61	39	100	16	14	30	77	53	130
35	Nekemte Admin Town	157	165	322	43	37	80	200	202	402
36	Robe Admin Town	100	84	184	35	36	71	135	120	255
37	Sebeta Admin Town	237	201	438	41	47	88	278	248	526
38	Shashemenne Admin Town	103	77	180	22	23	45	125	100	225
39	Sululta Admin Town	22	20	42	6	3	9	28	23	51
40	Woliso Admin Town	129	129	258	12	8	20	141	137	278
Oromia		34820	24767	59587	5032	3450	8482	39852	28217	68069

Table 2.1. 19 Primary Special Need Enrollment Share by Cycle

Primary Enrollment of Children with Special Need Education By Zones/Admin Towns and Share from Their Enrolment ; 2013 (2020/21 G.C)																			
SN	Zones/ Administrative Towns	(1-6)			% of Enrolment			(7-8)			% of Enrolment			(1-8)			% of Enrolment		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	1671	1241	2912	0.58	0.47	0.53	239	183	422	0.40	0.35	0.38	1910	1424	3334	0.55	0.45	0.50
2	Bale	2239	1508	3747	1.66	1.39	1.54	318	185	503	1.53	1.13	1.36	2557	1693	4250	1.65	1.35	1.52
3	Borena	885	744	1629	1.72	1.61	1.67	98	72	170	1.37	1.23	1.31	983	816	1799	1.68	1.57	1.63
4	Buno Beddele	639	481	1120	0.83	0.70	0.77	84	51	135	0.56	0.38	0.47	723	532	1255	0.79	0.65	0.72
5	East Bale	1024	674	1698	1.52	1.39	1.47	106	67	173	1.12	1.14	1.12	1130	741	1871	1.47	1.36	1.43
6	East Hararge	6996	4263	11259	1.54	1.25	1.42	800	423	1223	1.39	1.34	1.37	7796	4686	12482	1.53	1.26	1.41
7	East Shoa	1111	836	1947	1.00	0.83	0.92	165	126	291	0.81	0.65	0.73	1276	962	2238	0.97	0.80	0.89
8	East Wollega	1412	1014	2426	1.00	0.78	0.89	233	174	407	0.79	0.64	0.72	1645	1188	2833	0.96	0.75	0.86
9	Guji	492	301	793	0.25	0.20	0.23	79	35	114	0.24	0.18	0.22	571	336	907	0.25	0.20	0.23
10	Horo Guduru Wollega	560	446	1006	0.82	0.69	0.76	90	77	167	0.53	0.48	0.50	650	523	1173	0.76	0.65	0.71
11	Ilu Aba Bora	188	140	328	0.26	0.21	0.23	24	13	37	0.15	0.09	0.12	212	153	365	0.24	0.19	0.21
12	Jima	2473	1853	4326	0.73	0.59	0.67	435	298	733	0.70	0.48	0.59	2908	2151	5059	0.73	0.57	0.65
13	Kellem Wollega	1391	1047	2438	1.57	1.33	1.46	222	153	375	1.03	0.82	0.94	1613	1200	2813	1.47	1.24	1.36
14	North Shoa	548	411	959	0.57	0.49	0.54	74	55	129	0.38	0.32	0.35	622	466	1088	0.54	0.46	0.50
15	OSZS Finfinne	881	730	1611	1.58	1.55	1.57	79	50	129	0.70	0.51	0.61	960	780	1740	1.43	1.37	1.40
16	South West Shoa	825	516	1341	0.74	0.55	0.65	130	64	194	0.73	0.44	0.60	955	580	1535	0.74	0.54	0.65
17	West Arsi	530	338	868	0.24	0.17	0.21	86	43	129	0.24	0.14	0.20	616	381	997	0.24	0.17	0.20
18	West Gujii	956	679	1635	0.61	0.55	0.59	151	88	239	0.62	0.59	0.61	1107	767	1874	0.62	0.56	0.59
19	West Hararge	2957	2129	5086	0.92	0.86	0.90	328	242	570	0.91	1.16	1.00	3285	2371	5656	0.92	0.88	0.91
20	West Shoa	3042	2241	5283	1.26	1.04	1.16	495	384	879	1.07	0.95	1.01	3537	2625	6162	1.23	1.02	1.13
21	West Wollega	2406	1765	4171	1.68	1.33	1.51	497	331	828	1.31	0.97	1.15	2903	2096	4999	1.60	1.26	1.44
22	Adama Admin Town	84	81	165	0.34	0.30	0.32	13	16	29	0.17	0.17	0.17	97	97	194	0.30	0.27	0.28
23	Ambo Admin Town	100	121	221	1.31	1.26	1.28	12	23	35	0.54	0.87	0.72	112	144	256	1.14	1.17	1.16
24	Assela Admin Town	33	24	57	0.63	0.41	0.52	6	4	10	0.29	0.17	0.23	39	28	67	0.54	0.34	0.43
25	Batu Admin Town	29	27	56	0.47	0.42	0.45	3	4	7	0.16	0.22	0.19	32	31	63	0.40	0.38	0.39
26	Bishan Gurracha Admin Town	0	0	0	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00	0	0	0	0.00	0.00	0.00
27	Bishoftu Admin Town	248	222	470	2.14	1.67	1.89	41	55	96	1.19	1.19	1.19	289	277	566	1.92	1.54	1.72
28	Burayu Admin Town	87	92	179	0.85	0.74	0.79	22	20	42	1.05	0.68	0.84	109	112	221	0.89	0.73	0.80
29	Dukem Admin Town	16	6	22	0.40	0.14	0.27	4	1	5	0.38	0.08	0.21	20	7	27	0.39	0.13	0.26
30	Gelan Admin Town	28	11	39	1.78	0.67	1.21	7	19	26	2.10	4.36	3.38	35	30	65	1.84	1.44	1.63
31	Holota Admin Town	59	37	96	1.27	0.70	0.97	5	10	15	0.36	0.60	0.49	64	47	111	1.06	0.68	0.85
32	Jima Admin Town	26	13	39	0.16	0.08	0.12	2	3	5	0.05	0.06	0.06	28	16	44	0.14	0.08	0.11
33	L/Tafo L/Dadhi Admin Town	75	61	136	2.47	1.78	2.10	9	13	22	1.30	1.52	1.42	84	74	158	2.25	1.73	1.97
34	Modjo Admin Town	61	39	100	1.56	0.91	1.22	16	14	30	1.41	1.00	1.18	77	53	130	1.53	0.93	1.21
35	Nekemte Admin Town	157	165	322	1.97	1.79	1.87	43	37	80	1.84	1.23	1.50	200	202	402	1.94	1.65	1.78
36	Robe Admin Town	100	84	184	1.52	1.29	1.41	35	36	71	1.91	1.95	1.93	135	120	255	1.61	1.43	1.52
37	Sebeta Admin Town	237	201	438	1.64	1.24	1.43	41	47	88	1.36	1.32	1.34	278	248	526	1.59	1.26	1.42
38	Shashemenne Admin Town	103	77	180	0.77	0.56	0.66	22	23	45	0.50	0.53	0.52	125	100	225	0.70	0.55	0.62
39	Sululta Admin Town	22	20	42	0.48	0.40	0.44	6	3	9	0.61	0.25	0.42	28	23	51	0.50	0.37	0.43
40	Woliso Admin Town	129	129	258	2.67	2.25	2.44	12	8	20	0.89	0.48	0.66	141	137	278	2.28	1.85	2.05
Oromia		34820	24767	59587	0.97	0.80	0.89	5032	3450	8482	0.78	0.64	0.72	39852	28217	68069	0.94	0.78	0.87

2.1.2.4. Orphan Students in Primary Education

Orphan students are those who have lost both their father and mother due to different reasons. The 2013 (2020/21 G.C) ASC indicates that there were 33,581(18,103 boys and 15,478 girls) orphans lost both of their parents that accounting 0.42% in both sexes of the entire pupil enrolled in primary schools. The regional analysis of orphan student in primary schools indicates that among the 20 zones in the region Kellem Wollega, South West Shoa, Bale, West Wollega and East Wollega had the highest proportion of orphans that accounts for 0.80%, 0.58% and 0.57% respectively. Concerning the 19 administrative towns, L/Tafo L/Dadhi, Modjo, Sebeta and Ambo have the highest proportion of orphan pupils rating 1.05%, 1.01% and 0.86% respectively. The total number of orphans in primary education is determined and expressed as a proportion to the total enrolment which is indicated in tables 2.1.20 and 2.1.21 below.

Table 2.1. 20 Primary Education Orphans Enrolment by Zones/Administrative Towns

Primary Education Orphans Enrolment by Grade and Zone/Administrative Town, 2013 (2020/21 G.C)																										
SN	ZONE/ Admin Towns	Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		Grade 1-6			Grade 7		Grade 8		Grades (7-8)			Grades (1-8)		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	T	M	F	M	F	M	F	T	M	F	T
1	Arsi	302	249	266	218	242	200	226	215	215	186	188	160	1439	1228	2667	163	122	161	106	324	228	552	1763	1456	3219
2	Bale	176	130	152	121	159	105	106	101	99	82	103	58	795	597	1392	68	55	53	44	121	99	220	916	696	1612
3	Borana	47	42	44	37	38	35	43	33	26	30	20	22	218	199	417	21	22	14	11	35	33	68	253	232	485
4	Buno Beddelle	57	41	58	33	32	41	43	38	28	31	31	28	249	212	461	17	23	20	18	37	41	78	286	253	539
5	East Bale	50	38	44	30	37	21	33	22	36	24	24	11	224	146	370	16	19	11	4	27	23	50	251	169	420
6	East Hararge	372	319	324	254	263	196	219	163	153	120	148	111	1479	1163	2642	126	92	109	56	235	148	383	1714	1311	3025
7	East Shoa	110	83	104	88	100	84	65	74	61	51	40	34	480	414	894	44	40	31	28	75	68	143	555	482	1037
8	East Wollega	162	128	142	136	146	109	120	114	107	108	126	113	803	708	1511	96	89	98	71	194	160	354	997	868	1865
9	Guji	128	99	98	103	93	72	65	78	62	59	78	53	524	464	988	64	36	52	34	116	70	186	640	534	1174
10	Horo Guduru Wollega	40	34	40	34	42	46	24	38	31	34	28	27	205	213	418	30	27	25	23	55	50	105	260	263	523
11	Ilu Aba Bora	61	48	52	44	43	32	33	35	42	25	31	30	262	214	476	17	22	18	12	35	34	69	297	248	545
12	Jimma	267	227	232	226	233	196	227	198	197	170	174	155	1330	1172	2502	161	138	134	110	295	248	543	1625	1420	3045
13	Kellem Wollega	146	119	132	116	112	111	96	105	103	90	97	84	686	625	1311	90	88	100	68	190	156	346	876	781	1657
14	North Shoa	50	41	49	56	54	46	44	49	47	53	46	32	290	277	567	43	30	38	32	81	62	143	371	339	710
15	OSZS Finfinne	51	51	48	40	50	49	38	33	33	27	23	33	243	233	476	29	23	31	21	60	44	104	303	277	580
16	South West Shoa	129	106	123	102	97	103	110	96	77	76	84	72	620	555	1175	65	42	58	39	123	81	204	743	636	1379
17	West Arsi	153	113	126	88	123	89	89	71	59	66	47	37	597	464	1061	44	38	38	19	82	57	139	679	521	1200
18	West Guji	90	57	70	48	56	38	48	35	49	28	45	19	358	225	583	25	15	23	17	48	32	80	406	257	663
19	West Hararge	361	270	286	229	263	198	225	183	148	136	117	83	1400	1099	2499	66	65	72	59	138	124	262	1538	1223	2761
20	West Shoa	289	236	264	246	197	211	218	203	174	188	168	172	1310	1256	2566	140	135	107	94	247	229	476	1557	1485	3042
21	West Wollega	168	124	158	135	159	123	108	119	135	118	127	116	855	735	1590	107	79	116	96	223	175	398	1078	910	1988
22	Adama Administrative Town	28	32	27	21	23	27	26	25	21	8	24	5	149	118	267	13	6	15	17	28	23	51	177	141	318
23	Ambo Administrative Town	18	22	15	16	16	15	15	10	2	12	5	8	71	83	154	11	4	14	6	25	10	35	96	93	189
24	Asalla Administrative Town	0	1	1	0	2	1	2	2	1	5	1	1	7	10	17	3	2	2	0	5	2	7	12	12	24
25	Batu Administrative Town	3	2	6	2	6	5	3	2	2	5	1	5	21	21	42	3	4	2	6	5	10	15	26	31	57
26	BishanGurracha AdminTown	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
27	Bishoftu Administrative Town	12	14	14	18	14	16	12	15	9	7	3	12	64	82	146	14	16	13	27	27	43	70	91	125	216
28	Burrayyu Administrative Town	9	9	8	10	3	6	2	4	9	7	9	3	40	39	79	6	11	3	9	9	20	29	49	59	108
29	Dukam Administrative Town	2	2	1	0	0	2	0	0	1	0	0	0	4	4	8	0	0	0	0	0	0	0	4	4	8
30	Galan Administrative Town	0	0	3	5	3	3	1	3	1	3	3	0	11	14	25	1	2	2	0	3	2	5	14	16	30
31	Holeta Administrative Town	4	5	4	4	3	4	3	2	5	6	3	3	22	24	46	5	4	2	1	7	5	12	29	29	58
32	Jimma Administrative Town	13	13	9	12	7	12	9	3	6	13	3	2	47	55	102	5	4	2	2	7	6	13	54	61	115
33	L/T/L/D Admin Town	5	5	10	8	9	6	9	9	5	6	1	2	39	36	75	3	2	2	2	5	4	9	44	40	84
34	Mojo Administrative Town	0	0	3	5	12	4	9	9	8	6	9	6	41	30	71	8	9	13	8	21	17	38	62	47	109
35	Nekemte Administrative Town	10	15	14	20	16	11	13	10	14	12	8	10	75	78	153	9	6	8	8	17	14	31	92	92	184
36	Robe Administrative Town	1	3	4	6	0	5	3	1	5	5	3	2	16	22	38	2	4	3	4	5	8	13	21	30	51
37	Sabata Administrative Town	14	23	21	33	17	38	28	25	8	23	9	26	97	168	265	7	24	4	20	11	44	55	108	212	320
38	Shashamane Admin Town	9	10	3	11	9	5	3	6	3	4	7	5	34	41	75	8	6	6	10	14	16	30	48	57	105
39	Sululta Administrative Town	1	2	2	4	7	8	2	5	5	1	1	1	18	21	39	3	2	1	0	4	2	6	22	23	45
40	Woliso Administrative Town	10	10	5	7	5	6	1	4	8	4	11	8	40	39	79	3	3	3	3	6	6	12	46	45	91
Oromia		3348	2723	2962	2566	2691	2279	2321	2138	1995	1829	1846	1549	15163	13084	28247	1536	1309	1404	1085	2940	2394	5334	18103	15478	33581

Table 2.1. 21 Proportion of Orphans Enrolment in Primary Education

Percentage of Orphans Enrolment with Respective to Total Enrolment in Primary Education by Zone 2013 (2020/21 G.C.)										
SN	Zones/ Administrative Towns	Percentage of Orphans (Grade1-6)			Percentage of Orphans (Grade 7-8)			Percentage of Orphans (Grade 1-8)		
		M	F	T	M	F	T	M	F	T
1	Arsi	0.50	0.47	0.48	0.54	0.43	0.49	0.51	0.46	0.49
2	Bale	0.59	0.55	0.57	0.58	0.61	0.59	0.59	0.56	0.57
3	Borena	0.42	0.43	0.43	0.49	0.57	0.52	0.43	0.45	0.44
4	Buno Beddele	0.32	0.31	0.32	0.25	0.30	0.27	0.31	0.31	0.31
5	East Bale	0.33	0.30	0.32	0.28	0.39	0.32	0.33	0.31	0.32
6	East Hararge	0.33	0.34	0.33	0.41	0.47	0.43	0.34	0.35	0.34
7	East Shoa	0.43	0.41	0.42	0.37	0.35	0.36	0.42	0.40	0.41
8	East Wollega	0.57	0.54	0.56	0.66	0.59	0.62	0.58	0.55	0.57
9	Guji	0.27	0.31	0.29	0.35	0.35	0.35	0.28	0.32	0.30
10	Horo Guduru Wollega	0.30	0.33	0.32	0.32	0.31	0.32	0.31	0.33	0.32
11	Ilu Aba Bora	0.36	0.32	0.34	0.21	0.23	0.22	0.33	0.30	0.32
12	Jima	0.40	0.37	0.38	0.47	0.40	0.44	0.41	0.38	0.39
13	Kellem Wollega	0.77	0.80	0.79	0.89	0.84	0.86	0.80	0.81	0.80
14	North Shoa	0.30	0.33	0.32	0.41	0.36	0.39	0.32	0.34	0.33
15	OSZS Finfinne	0.44	0.49	0.46	0.53	0.45	0.49	0.45	0.49	0.47
16	South West Shoa	0.55	0.59	0.57	0.69	0.56	0.63	0.57	0.59	0.58
17	West Arsi	0.27	0.23	0.25	0.23	0.19	0.21	0.26	0.23	0.25
18	West Gujii	0.23	0.18	0.21	0.20	0.21	0.20	0.23	0.19	0.21
19	West Hararge	0.44	0.44	0.44	0.38	0.59	0.46	0.43	0.46	0.44
20	West Shoa	0.54	0.58	0.56	0.53	0.57	0.55	0.54	0.58	0.56
21	West Wollega	0.60	0.55	0.58	0.59	0.52	0.55	0.59	0.55	0.57
22	Adama Admin Town	0.61	0.44	0.52	0.36	0.25	0.30	0.55	0.39	0.46
23	Ambo Admin Town	0.93	0.86	0.89	1.13	0.38	0.72	0.98	0.76	0.86
24	Assela Admin Town	0.13	0.17	0.15	0.24	0.09	0.16	0.16	0.15	0.16
25	Batu Admin Town	0.34	0.33	0.34	0.26	0.54	0.40	0.32	0.38	0.35
26	BishanGurrachaAdmin Town	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27	Bishoftu Admin Town	0.55	0.62	0.59	0.78	0.93	0.87	0.61	0.70	0.65
28	Burayu Admin Town	0.39	0.31	0.35	0.43	0.68	0.58	0.40	0.38	0.39
29	Dukem Admin Town	0.10	0.10	0.10	0.00	0.00	0.00	0.08	0.07	0.08
30	Gelan Admin Town	0.70	0.85	0.78	0.90	0.46	0.65	0.73	0.77	0.75
31	Holota Admin Town	0.47	0.45	0.46	0.50	0.30	0.39	0.48	0.42	0.45
32	Jima Admin Town	0.30	0.33	0.32	0.16	0.13	0.15	0.27	0.29	0.28
33	L/Tafo L/Dadhi Admin Town	1.28	1.05	1.16	0.72	0.47	0.58	1.18	0.94	1.05
34	Modjo Admin Town	1.05	0.70	0.86	1.86	1.21	1.50	1.23	0.82	1.01
35	Nekemte Admin Town	0.94	0.84	0.89	0.73	0.47	0.58	0.89	0.75	0.82
36	Robe Admin Town	0.24	0.34	0.29	0.27	0.43	0.35	0.25	0.36	0.30
37	Sebeta Admin Town	0.67	1.04	0.87	0.36	1.24	0.84	0.62	1.08	0.86
38	Shashemenne Admin Town	0.25	0.30	0.27	0.32	0.37	0.34	0.27	0.31	0.29
39	Sululta Admin Town	0.39	0.42	0.41	0.41	0.17	0.28	0.39	0.37	0.38
40	Woliso Admin Town	0.83	0.68	0.75	0.44	0.36	0.40	0.74	0.61	0.67
Oromia		0.42	0.42	0.42	0.46	0.45	0.45	0.43	0.43	0.43

2.1.3. Primary Education Enrolment Rates

2.1.3.1. Intake Rates

Intake rate is used to indicate the extent of new entrants to the first grade of primary education. It indicates the proportion of children who join the primary education system for the first time in terms of official school age for the first grade. It compares children who come to school for the first time, registered at first grade (grade 1) with children of official school admission age (7 years old children). Under this umbrella, Apparent Intake Rate (AIR), Net Intake Rate (NIR), Early Starters and Late Starters are analyzed.

I. Apparent Intake Rate (AIR)

AIR is the percentage of new entrants (irrespective of age) in Grade 1, out of the number of children of the official primary admission age 7 in a given year. Sometimes, it is also called the Gross Intake Rate (GIR). AIR tends to reflect those students who may have not been enrolled in school at the appropriate age, and often reflects the backlog of students who could not be enrolled before. A high Apparent Intake Rate indicates a high degree of access to the first grade of primary education. The calculation includes all new entrants to the first grade (regardless of age). The Apparent Intake Rate can be more than 100%, due to over-aged and under-aged children entering primary school for the first time and/or due to inconsistencies in population data. Here is the formula to calculate AIR.

$$\text{AIR} = \frac{\text{Number of New Entrants in Grade 1}}{\text{Population at the official school-entrance age}} \times 100$$

Graph 2.1. 11 Trend of AIR for the Last Five Years

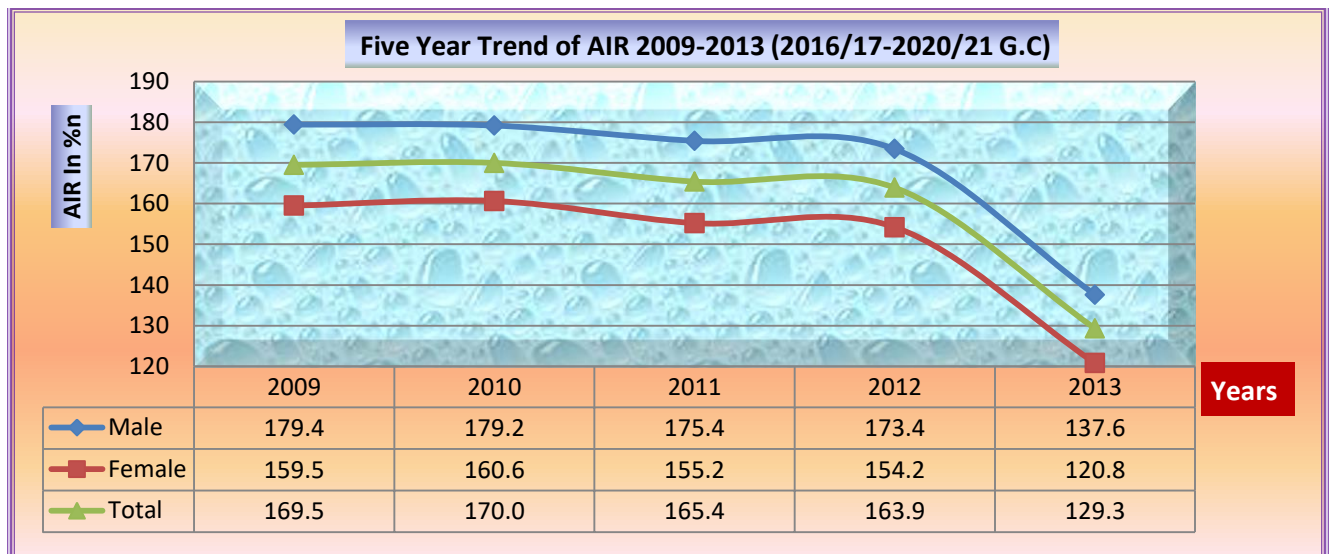


Table 2.1. 22 AIR and Equity Indicators by Zones and Administrative Towns

Apparent Intake Rate (AIR) Equity Indicator of Grade 1, 2013(2020/21 G.C)												
SN	Zones/ Administrative Towns	SAP (age 7)			New enterant Grade 1 all			AIR (%)			GG (%)	GPI
		M	F	T	M	F	T	M	F	T		
1	Arsi	54956	53982	108938	48901	42658	91559	89.0	79.0	84.0	10.0	0.89
2	Bale	18917	18444	37361	26280	21211	47491	138.9	115.0	127.1	23.9	0.83
3	Borena	8791	8390	17181	12018	11002	23020	136.7	131.1	134.0	5.6	0.96
4	Buno Beddele	12465	12265	24730	14672	13081	27753	117.7	106.7	112.2	11.1	0.91
5	East Bale	10200	10144	20344	14673	11157	25830	143.9	110.0	127.0	33.9	0.76
6	East Hararge	48923	47092	96015	103119	82504	185623	210.8	175.2	193.3	35.6	0.83
7	East Shoa	19108	18442	37550	20946	18725	39671	109.6	101.5	105.6	8.1	0.93
8	East Wollega	21745	21679	43424	23648	21279	44927	108.8	98.2	103.5	10.6	0.90
9	Guji	20805	20444	41249	42962	34694	77656	206.5	169.7	188.3	36.8	0.82
10	Horo Guduru Wollega	9981	10709	20690	11124	10181	21305	111.5	95.1	103.0	16.4	0.85
11	Ilu Aba Bora	13525	13053	26578	14879	13301	28180	110.0	101.9	106.0	8.1	0.93
12	Jima	51487	50569	102056	64561	59259	123820	125.4	117.2	121.3	8.2	0.93
13	Kellem Wollega	15020	14701	29721	17813	15376	33189	118.6	104.6	111.7	14.0	0.88
14	North Shoa	19496	19265	38761	15942	13804	29746	81.8	71.7	76.7	10.1	0.88
15	OSZS Finfinne	8567	8110	16677	11057	9562	20619	129.1	117.9	123.6	11.2	0.91
16	South West Shoa	16102	15667	31769	20624	17572	38196	128.1	112.2	120.2	15.9	0.88
17	West Arsi	42710	41835	84545	47639	41671	89310	111.5	99.6	105.6	11.9	0.89
18	West Guji	18787	18828	37615	39592	31870	71462	210.7	169.3	190.0	41.5	0.80
19	West Hararge	36976	35578	72554	78862	65414	144276	213.3	183.9	198.9	29.4	0.86
20	West Shoa	36064	35704	71768	40871	36562	77433	113.3	102.4	107.9	10.9	0.90
21	West Wollega	26144	25275	51419	23102	20911	44013	88.4	82.7	85.6	5.6	0.94
22	Adama Admin Town	2261	2408	4669	4335	4521	8856	191.7	187.7	189.7	4.0	0.98
23	Ambo Admin Town	466	536	1002	1337	1470	2807	286.9	274.3	280.1	12.7	0.96
24	Assela Admin Town	628	705	1333	557	653	1210	88.7	92.6	90.8	-3.9	1.04
25	Batu Admin Town	520	600	1120	1106	1071	2177	212.7	178.5	194.4	34.2	0.84
26	Bishan Gurracha Admin Town	453	359	812	317	318	635	70.0	88.6	78.2	-18.6	1.27
27	Bishoftu Admin Town	1021	1045	2066	1972	1991	3963	193.1	190.5	191.8	2.6	0.99
28	Burayu Admin Town	782	815	1597	2204	2359	4563	281.8	289.4	285.7	-7.6	1.03
29	Dukem Admin Town	151	131	282	737	836	1573	488.1	638.2	557.8	-150.1	1.31
30	Gelan Admin Town	169	184	353	350	321	671	207.1	174.5	190.1	32.6	0.84
31	Holota Admin Town	275	306	581	655	811	1466	238.2	265.0	252.3	-26.9	1.11
32	Jima Admin Town	1293	1263	2556	2644	2659	5303	204.5	210.5	207.5	-6.0	1.03
33	L/Tafo L/Dadhi Admin Town	269	205	474	498	580	1078	185.1	282.9	227.4	-97.8	1.53
34	Modjo Admin Town	534	569	1103	671	694	1365	125.7	122.0	123.8	3.7	0.97
35	Nekemte Admin Town	833	771	1604	1471	1637	3108	176.6	212.3	193.8	-35.7	1.20
36	Robe Admin Town	551	607	1158	1048	1007	2055	190.2	165.9	177.5	24.3	0.87
37	Sebeta Admin Town	529	540	1069	2866	3026	5892	541.8	560.4	551.2	-18.6	1.03
38	Shashemenne Admin Town	1287	1447	2734	2363	2353	4716	183.6	162.6	172.5	21.0	0.89
39	Sululta Admin Town	268	246	514	871	925	1796	325.0	376.0	349.4	-51.0	1.16
40	Woliso Admin Town	421	476	897	886	1026	1912	210.5	215.5	213.2	-5.1	1.02
Oromia		523480	513389	1036869	720173	620052	1340225	137.6	120.8	129.3	16.80	0.88

As shown on graph 2.1.11 above the AIR of the Region was greater than 100% for the last five years; because of over children enrolment. The AIR has been fluctuating from year to year. As the data shows, there are children in the system that have not been enrolled in schools until this year, and often reflects the backlog of children who could not enrolled before. If children older than the official age 7 registered to attain grade 1, the Apparent Intake Rate might be over 100%, as it can be seen on table 2.1.22.

Moreover, as indicated in the table, it is possible to see that AIR of the region in 2013 (2020/21 G.C) is 129.3% (M=137.6% and F=120.8%). The table also shows that, except Assela and Bishan Guracha from administrative towns and West Wollega, Arsi and North Shoa from zones have AIR greater than 100%. Concerning GPI, 7 zones & 3 Admin Towns have GPI less than that of the regional average (0.88). The rest 14 zones and 16 administrative towns have GPI greater than the regional average and three zones have GPI which is equal to the regional average.

Table 2.1. 23 New Entrants to Grade One by Age

New Entrants to Grade One by Age 2013 (2020/21 G.C)													
SN	Zones/Admin Towns	Less than 7 years			7 years			Above 7 years			TOTAL		
		M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	372	344	716	33753	29952	63705	14776	12362	27138	48901	42658	91559
2	Bale	36	16	52	19127	15747	34874	7117	5448	12565	26280	21211	47491
3	Borena	161	139	300	6787	6463	13250	5070	4400	9470	12018	11002	23020
4	Buno Beddele	38	23	61	10597	9747	20344	4037	3311	7348	14672	13081	27753
5	East Bale	128	63	191	10326	8112	18438	4219	2982	7201	14673	11157	25830
6	East Hararge	342	293	635	69016	55775	124791	33761	26436	60197	103119	82504	185623
7	East Shoa	200	230	430	12677	11422	24099	8069	7073	15142	20946	18725	39671
8	East Wollega	267	276	543	16829	15367	32196	6552	5636	12188	23648	21279	44927
9	Guji	349	276	625	22768	18274	41042	19845	16144	35989	42962	34694	77656
10	Horo Guduru Wollega	104	86	190	7551	7136	14687	3469	2959	6428	11124	10181	21305
11	Ilu Aba Bora	280	212	492	9987	9163	19150	4612	3926	8538	14879	13301	28180
12	Jima	1639	1501	3140	45979	42431	88410	16943	15327	32270	64561	59259	123820
13	Kellem Wollega	33	29	62	12770	11274	24044	5010	4073	9083	17813	15376	33189
14	North Shoa	122	123	245	10985	9604	20589	4835	4077	8912	15942	13804	29746
15	OSZS Finfinne	98	106	204	6142	5578	11720	4817	3878	8695	11057	9562	20619
16	South West Shoa	316	278	594	11977	10330	22307	8331	6964	15295	20624	17572	38196
17	West Arsi	204	220	424	32106	28651	60757	15329	12800	28129	47639	41671	89310
18	West Gujii	479	386	865	17512	14272	31784	21601	17212	38813	39592	31870	71462
19	West Hararge	589	539	1128	45911	37451	83362	32362	27424	59786	78862	65414	144276
20	West Shoa	266	239	505	23918	21343	45261	16687	14980	31667	40871	36562	77433
21	West Wollega	245	234	479	16395	15044	31439	6462	5633	12095	23102	20911	44013
22	Adama Admin Town	108	94	202	3553	3798	7351	674	629	1303	4335	4521	8856
23	Ambo Admin Town	65	68	133	805	848	1653	467	554	1021	1337	1470	2807
24	Assela Admin Town	5	10	15	413	496	909	139	147	286	557	653	1210
25	Batu Admin Town	10	10	20	838	752	1590	258	309	567	1106	1071	2177
26	BishanGurrachaAdminTown	0	0	0	137	141	278	180	177	357	317	318	635
27	Bishoftu Admin Town	236	240	476	1281	1270	2551	455	481	936	1972	1991	3963
28	Burayu Admin Town	88	99	187	1615	1546	3161	501	714	1215	2204	2359	4563
29	Dukem Admin Town	7	5	12	580	534	1114	150	297	447	737	836	1573
30	Gelan Admin Town	7	6	13	269	231	500	74	84	158	350	321	671
31	Holota Admin Town	9	9	18	443	463	906	203	339	542	655	811	1466
32	Jima Admin Town	117	162	279	1576	1507	3083	951	990	1941	2644	2659	5303
33	L/Tafo L/Dadhi Admin Town	18	15	33	414	399	813	66	166	232	498	580	1078
34	Modjo Admin Town	0	0	0	546	554	1100	125	140	265	671	694	1365
35	Nekemte Admin Town	15	20	35	983	1047	2030	473	570	1043	1471	1637	3108
36	Robe Admin Town	9	8	17	846	803	1649	193	196	389	1048	1007	2055
37	Sebeta Admin Town	107	140	247	1880	1852	3732	879	1034	1913	2866	3026	5892
38	Shashemenne Admin Town	83	103	186	1420	1421	2841	860	829	1689	2363	2353	4716
39	Sululta Admin Town	0	0	0	567	608	1175	304	317	621	871	925	1796
40	Woliso Admin Town	78	67	145	560	668	1228	248	291	539	886	1026	1912
Ormia		7230	6669	13899	461839	402074	863913	251104	211309	462413	720173	620052	1340225

As from table 2.1.23 above, it is possible to see that a total sum of 1,340,225 (720,173 are Male and 620,052 are female) new entrants have joined grade 1. The largest number of new entrants (64.5%) was children of 7 years old which is the officially recognized age of primary school entry. The data

shows that, 1.03% of the new entrants were underage whereas 34.5% of the new entrants were overaged.

II. Net Intake Rate (NIR)

Net Intake Rate shows new entrants in the first grade of education system who are of the official school-entrance age, expressed as a percentage of the population of the same age. The calculation requires new entrants in the first grade of primary education which are of the official school entrance age (7 years old) and the population at the official school-entrance age. It is calculated as follows:

$$\text{NIR} = \frac{\text{New entrant in 1st grade of primary education who are of the official school entrance age}}{\text{Population at the official school entrance age}} \times 100$$

A high Intake Rate for primary education of official primary school-entrance age children indicates a high degree of access for official school entrance age to the first grade of primary education

Graph 2.1. 12 Trend of NIR for the Last Five Years

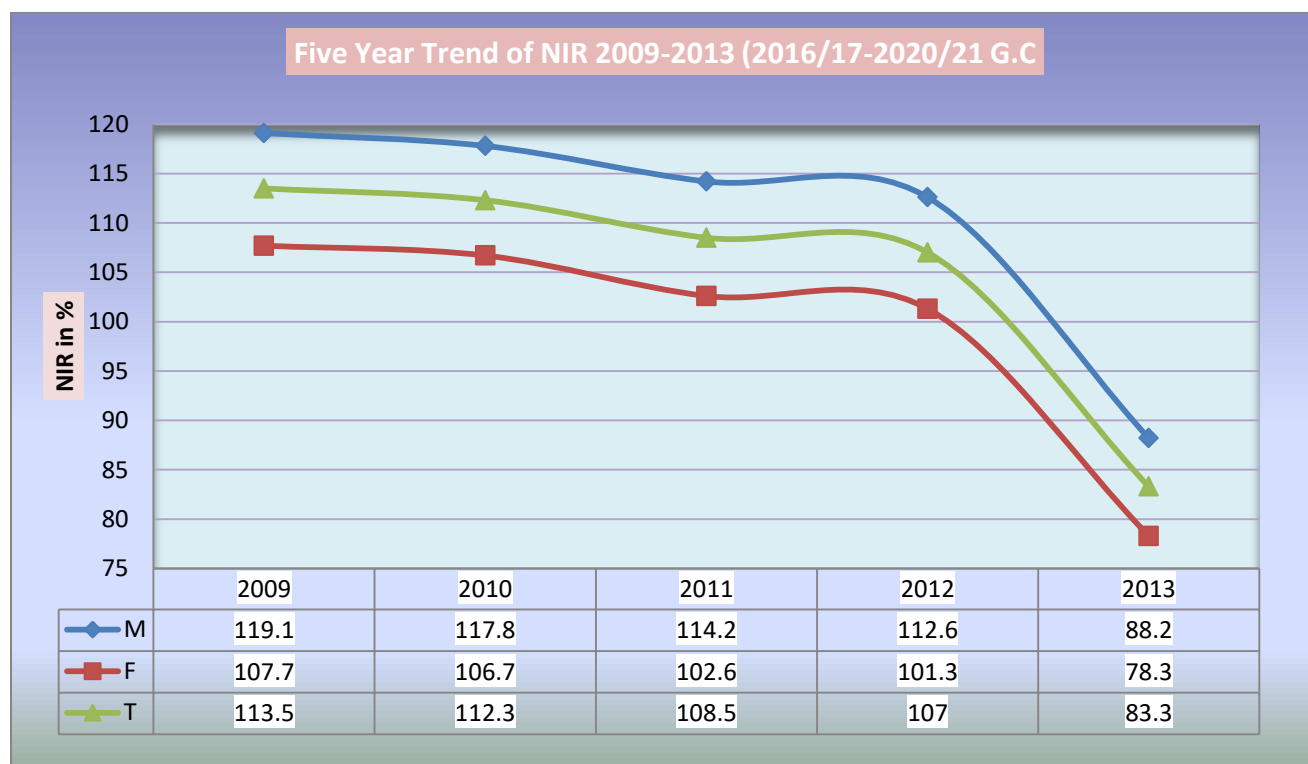


Table 2.1. 24 Net Intake Rate and Equity Indicators by Zones and Administrative Towns

Net Intake Rate and Equity Indicators by zones & Administrative Towns in 2013(2020/21G.C)												
SN	Zones/Administrative Twons	SAP (age 7)			New Enterant Grade 1 Age 7			NIR (%)			GG (%)	GPI
		M	F	T	M	F	T	M	F	T		
1	Arsi	54956	53982	108938	33753	29952	63705	61.4	55.5	58.5	5.9	0.90
2	Bale	18917	18444	37361	19127	15747	34874	101.1	85.4	93.3	15.7	0.84
3	Borena	8791	8390	17181	6787	6463	13250	77.2	77.0	77.1	0.2	1.00
4	Buno Beddele	12465	12265	24730	10597	9747	20344	85.0	79.5	82.3	5.5	0.93
5	East Bale	10200	10144	20344	10326	8112	18438	101.2	80.0	90.6	21.3	0.79
6	East Hararge	48923	47092	96015	69016	55775	124791	141.1	118.4	130.0	22.6	0.84
7	East Shoa	19108	18442	37550	12677	11422	24099	66.3	61.9	64.2	4.4	0.93
8	East Wollega	21745	21679	43424	16829	15367	32196	77.4	70.9	74.1	6.5	0.92
9	Guji	20805	20444	41249	22768	18274	41042	109.4	89.4	99.5	20.0	0.82
10	Horo Guduru Wollega	9981	10709	20690	7551	7136	14687	75.7	66.6	71.0	9.0	0.88
11	Ilu Aba Bora	13525	13053	26578	9987	9163	19150	73.8	70.2	72.1	3.6	0.95
12	Jima	51487	50569	102056	45979	42431	88410	89.3	83.9	86.6	5.4	0.94
13	Kellem Wollega	15020	14701	29721	12770	11274	24044	85.0	76.7	80.9	8.3	0.90
14	North Shoa	19496	19265	38761	10985	9604	20589	56.3	49.9	53.1	6.5	0.88
15	OSZS Finfinne	8567	8110	16677	6142	5578	11720	71.7	68.8	70.3	2.9	0.96
16	South West Shoa	16102	15667	31769	11977	10330	22307	74.4	65.9	70.2	8.4	0.89
17	West Arsi	42710	41835	84545	32106	28651	60757	75.2	68.5	71.9	6.7	0.91
18	West Gujii	18787	18828	37615	17512	14272	31784	93.2	75.8	84.5	17.4	0.81
19	West Hararge	36976	35578	72554	45911	37451	83362	124.2	105.3	114.9	18.9	0.85
20	West Shoa	36064	35704	71768	23918	21343	45261	66.3	59.8	63.1	6.5	0.90
21	West Wollega	26144	25275	51419	16395	15044	31439	62.7	59.5	61.1	3.2	0.95
22	Adama Admin Town	2261	2408	4669	3553	3798	7351	157.1	157.7	157.4	-0.6	1.00
23	Ambo Admin Town	466	536	1002	805	848	1653	172.7	158.2	165.0	14.5	0.92
24	Assela Admin Town	628	705	1333	413	496	909	65.8	70.4	68.2	-4.6	1.07
25	Batu Admin Town	520	600	1120	838	752	1590	161.2	125.3	142.0	35.8	0.78
26	BishanGurrachaAdmin Town	453	359	812	137	141	278	30.2	39.3	34.2	-9.0	1.30
27	Bishoftu Admin Town	1021	1045	2066	1281	1270	2551	125.5	121.5	123.5	3.9	0.97
28	Burayu Admin Town	782	815	1597	1615	1546	3161	206.5	189.7	197.9	16.8	0.92
29	Dukem Admin Town	151	131	282	580	534	1114	384.1	407.6	395.0	-23.5	1.06
30	Gelan Admin Town	169	184	353	269	231	500	159.2	125.5	141.6	33.6	0.79
31	Holota Admin Town	275	306	581	443	463	906	161.1	151.3	155.9	9.8	0.94
32	Jima Admin Town	1293	1263	2556	1576	1507	3083	121.9	119.3	120.6	2.6	0.98
33	L/Tafo L/Dadhi Admin Town	269	205	474	414	399	813	153.9	194.6	171.5	-40.7	1.26
34	Modjo Admin Town	534	569	1103	546	554	1100	102.2	97.4	99.7	4.9	0.95
35	Nekemte Admin Town	833	771	1604	983	1047	2030	118.0	135.8	126.6	-17.8	1.15
36	Robe Admin Town	551	607	1158	846	803	1649	153.5	132.3	142.4	21.2	0.86
37	Sebeta Admin Town	529	540	1069	1880	1852	3732	355.4	343.0	349.1	12.4	0.97
38	Shashemenne Admin Town	1287	1447	2734	1420	1421	2841	110.3	98.2	103.9	12.1	0.89
39	Sululta Admin Town	268	246	514	567	608	1175	211.6	247.2	228.6	-35.6	1.17
40	Woliso Admin Town	421	476	897	560	668	1228	133.0	140.3	136.9	-7.3	1.06
Oromia		523480	513389	1036869	461839	402074	863913	88.22	78.32	83.32	9.9	0.89

As can be seen from graph 2.1.12 above, the trend of NIR in the last five years has been decreasing at the regional level. The graph also shows that NIR of Grade 1 by 2009 was 113.5% (M=119.1%, F=107.7%) and by 2013 the figure decreased to 83.3% (M=88.2& F= 78.3%).

Table 2.1.24 above also shows the NIR, GG and GPI by Zones and Administrative towns. Among all zones in the region North shoa, Arsi and West Wolleg, have the lowest NIR (53.1%, 58.5% and 61.1%) respectively. As of administrative towns, all except Bishan Guracha and Assela administrative town have NIR greater than 100% which is seems to be illogical.

2.1.3.2. Primary Education Gross Enrolment Rate (GER)

Gross Enrolment Rate is defined as the enrolment in a specific level of education, regardless of age expressed as a percentage of the official school-age population corresponding to the same level of education in a given school year. GER is a crude measure of education coverage. Since it includes under-aged and over-aged pupils, GER can be greater than 100%, and frequently seen in developing countries to address the backlog of students who didn't attend schools. The researchers may identify the reason behind the observed problems.

The data required to calculate GER is, the enrolment in a specific level of education, regardless of age and official school-age population corresponding to the same level of education. The method of calculation is as follows:

$$GER = \frac{\text{Total enrolment in a specific level of education, regardless of age}}{\text{official school- age population corresponding to the same level of education}} \times 100$$

GER does not appear to be a good indicator of school coverage. Although early or late entry is a minor issue that all children attend school is most important. Consequently, the GER is often considered as an indicator of the system's physical capacity rather than one of school coverage.

A GER of 100% would not imply that all children are attending school those have not got education due to different reasons yet and doesn't show that the schools have the capacity to educate all children of school age.

I. Gross Enrolment Rate of Primary School (Grade 1-6)

Gross Enrolment Rate of primary School (grade 1-6) is the rate calculated simply by dividing the number of students enrolled in primary School (grade 1-6) (irrespective of their age) to the population of 7-12 years old

$$\text{Grade 1 - 6 GER} = \frac{\text{All age grade 1 - 6 Enrolments}}{\text{School Age population of age 7 - 12}} \times 100$$

The Gross Enrolment Rate (GER) of primary School (grade 1-6) regular and ABE enrolment of the year is 114.3% (121.8% for boys and 106.6% for girls). This implies that there is an existence of overage and underage pupils enrolled in primary School (grade 1-6) and ABE schools.

As it's seen from table 2.1.25 below, the number of over age and under age children in the system has not decreased yet. As the data shows, 15 zones and 2 administrative towns North Shoa (73.3%), Ilu Aba Bora (92.7%), Arsi (93.7%), East Shoa (94.6%), West Wollega (95.1%), West Arsi (96.8%), Kellem Wollega (97.8%), OSZS Finfinne (100.1%), East Bale(108%), West Shoa (109.1%), Borena (110%), South West Shoa (110.1%), Horo Guduru Wollega (112%, Buno Beddele (113.3%) and East Wollega (113.8%) as well as Bishan Gurracha (61.3%) Admin towns only have GER of primary School (grade 1-6) below the regional average 114.3%. While the rest zones and administrative towns have above the regional average.

Concerning the GPI, seven zones have GPI less than the regional average which is 0.87. The rest zones and administrative towns have GPI equal to or greater than the regional average. Among 19 administrative towns, all of them have GPI greater than the regional average.

The other method in analyzing gender issues is comparing the gender gap of the level. The gender gap is expected to be zero, which indicates whether both sexes have got an equal chance to join school equally or not. A negative gender gap indicates female participation is greater than that of the male and a positive gender gap indicates male participation is greater than that of female. As illustrated in the same table, among all zones and Admin Towns, no town or zone has GG equal to 0.

Among the 21 zones and 19 administrative towns in the region, seven zones and two Admin Towns of the region have gender gap greater than the regional average which is 15.3%. Guji, East Hararge, West Gujii, East Bale, West Hararge and Bale Zones have the highest GG (32%, 31.6%, 29.1%, 28.8%, 28.0%, 20.8% and 17.1%) favoring to male whereas Lega Tafo Lege Dadhi, Dukem, Sululta, Burayu, Nekemte, Bishan Gurracha, Modjo, Woliso, Gelan and Ambo administrative towns have the highest GG (-67.5%, -67.1%, -27.5%, -24.8%, -14.8%, -13.1%, -5.6%, -3.9%, -1.4% and -0.8%) respectively favoring to female.

Table 2.1. 25 Primary First Cycle Gross Enrolment Rate

Primary School (Grade 1_6) Gross Enrolment Rate (GER) (Regular & ABE) 2013 (2020/21 G.C.)																					
SN	Zones/Administrative Twons	SAP (7-12)			Enrol. (Reg) (1-6)			Enrol ABE ²			Enrol Grade 1_6 Reg+ABE			GER (1-6) Reg			GER (1-6) Reg+ABE			GG	GPI
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T		
1	Arsi	302755	299404	602159	288660	262308	550968	7951	5585	13536	296611	267893	564504	95.3	87.6	91.5	98.0	89.5	93.7	8.5	0.91
2	Bale	102297	97505	199802	134555	108713	243268	2773	1863	4636	137328	110576	247904	131.5	111.5	121.8	134.2	113.4	124.1	20.8	0.84
3	Borena	55573	52952	108525	51449	46166	97615	13088	8694	21782	64537	54860	119397	92.6	87.2	89.9	116.1	103.6	110.0	12.5	0.89
4	Buno Beddele	64693	64287	128980	76731	68758	145489	333	279	612	77064	69037	146101	118.6	107.0	112.8	119.1	107.4	113.3	11.7	0.90
5	East Bale	56139	52844	108983	67341	48499	115840	1130	746	1876	68471	49245	117716	120.0	91.8	106.3	122.0	93.2	108.0	28.8	0.76
6	East Hararge	300572	285384	585956	453439	341037	794476	4577	3775	8352	458016	344812	802828	150.9	119.5	135.6	152.4	120.8	137.0	31.6	0.79
7	East Shoa	114428	111971	226399	111191	101248	212439	1004	855	1859	112195	102103	214298	97.2	90.4	93.8	98.0	91.2	94.7	6.9	0.93
8	East Wollega	122293	121925	244218	141478	130341	271819	3283	2779	6062	144761	133120	277881	115.7	106.9	111.3	118.4	109.2	113.8	9.2	0.92
9	Guji	129530	123836	253366	193079	147376	340455	11261	8327	19588	204340	155703	360043	149.1	119.0	134.4	157.8	125.7	142.1	32.0	0.80
10	Horo Guduru Wollega	60049	63086	123135	68002	64574	132576	2821	2538	5359	70823	67112	137935	113.2	102.4	107.7	117.9	106.4	112.0	11.6	0.90
11	Ilu Aba Bora	75110	76209	151319	73443	66691	140134	132	116	248	73575	66807	140382	97.8	87.5	92.6	98.0	87.7	92.8	10.3	0.89
12	Jima	266732	265088	531820	336606	313762	650368	60	53	113	336666	313815	650481	126.2	118.4	122.3	126.2	118.4	122.3	7.8	0.94
13	Kellem Wollega	86391	86887	173278	88537	78439	166976	1471	1166	2637	90008	79605	169613	102.5	90.3	96.4	104.2	91.6	97.9	12.6	0.88
14	North Shoa	122374	122007	244381	95795	83298	179093			0	95795	83298	179093	78.3	68.3	73.3	78.3	68.3	73.3	10.0	0.87
15	OSZS Finfinne	52100	50766	102866	55700	47230	102930	33	34	67	55733	47264	102997	106.9	93.0	100.1	107.0	93.1	100.1	13.9	0.87
16	South West Shoa	94530	92158	186688	111966	93398	205364	65	38	103	112031	93436	205467	118.4	101.3	110.0	118.5	101.4	110.1	17.1	0.86
17	West Arsi	226149	219852	446001	222991	199429	422420	5320	4188	9508	228311	203617	431928	98.6	90.7	94.7	101.0	92.6	96.8	8.3	0.92
18	West Guji	108340	105825	214165	155541	122426	277967	6146	4727	10873	161687	127153	288840	143.6	115.7	129.8	149.2	120.2	134.9	29.1	0.81
19	West Hararge	219960	209091	429051	320621	247160	567781	4064	2957	7021	324685	250117	574802	145.8	118.2	132.3	147.6	119.6	134.0	28.0	0.81
20	West Shoa	216788	215024	431812	241435	215708	457143	7465	6368	13833	248900	222076	470976	111.4	100.3	105.9	114.8	103.3	109.1	11.5	0.90
21	West Wollega	146674	145953	292627	143394	132620	276014	1153	1024	2177	144547	133644	278191	97.8	90.9	94.3	98.5	91.6	95.1	7.0	0.93
22	Adama Admin Town	14380	16455	30835	24599	26931	51530	80	77	157	24679	27008	51687	171.1	163.7	167.1	171.6	164.1	167.6	7.5	0.96
23	Ambo Admin Town	3004	3769	6773	7624	9616	17240	29	17	46	7653	9633	17286	253.8	255.1	254.5	254.8	255.6	255.2	-0.8	1.00
24	Assela Admin Town	4351	4965	9316	5201	5810	11011			0	5201	5810	11011	119.5	117.0	118.2	119.5	117.0	118.2	2.5	0.98
25	Batu Admin Town	3118	3617	6735	6175	6362	12537			0	6175	6362	12537	198.0	175.9	186.1	198.0	175.9	186.1	22.2	0.89
26	Bishan Gurracha Admin Town	2462	1935	4397	1367	1327	2694			0	1367	1327	2694	55.5	68.6	61.3	55.5	68.6	61.3	-13.1	1.24
27	Bishoftu Admin Town	6404	7439	13843	11568	13332	24900	28	26	54	11596	13358	24954	180.6	179.2	179.9	181.1	179.6	180.3	1.5	0.99
28	Burayu Admin Town	4769	5190	9959	10209	12396	22605			0	10209	12396	22605	214.1	238.8	227.0	214.1	238.8	227.0	-24.8	1.12
29	Dukem Admin Town	947	848	1795	4006	4156	8162			0	4006	4156	8162	423.0	490.1	454.7	423.0	490.1	454.7	-67.1	1.16
30	Gelan Admin Town	1018	1053	2071	1572	1641	3213			0	1572	1641	3213	154.4	155.8	155.1	154.4	155.8	155.1	-1.4	1.01
31	Holota Admin Town	1752	2017	3769	4632	5299	9931			0	4632	5299	9931	264.4	262.7	263.5	264.4	262.7	263.5	1.7	0.99
32	Jima Admin Town	7856	8970	16826	15837	16447	32284	73	88	161	15910	16535	32445	201.6	183.4	191.9	202.5	184.3	192.8	18.2	0.91
33	L/tafo L/Dadhi Admin Town	1636	1346	2982	3042	3419	6461	44	29	73	3086	3448	6534	185.9	254.0	216.7	188.6	256.2	219.1	-67.5	1.36
34	Modjo Admin Town	3481	3646	7127	3911	4301	8212			0	3911	4301	8212	112.4	118.0	115.2	112.4	118.0	115.2	-5.6	1.05
35	Nekemte Admin Town	5274	5558	10832	7989	9231	17220	11	22	33	8000	9251	17253	151.5	166.1	159.0	151.7	166.5	159.3	-14.8	1.10
36	Robe Admin Town	3333	3670	7003	6558	6524	13082			0	6558	6524	13082	196.8	177.8	186.8	196.8	177.8	186.8	19.0	0.90
37	Sebeta Admin Town	3268	3797	7065	14428	16155	30583			0	14428	16155	30583	441.5	425.5	432.9	441.5	425.5	432.9	16.0	0.96
38	Shashemenne Admin Town	8086	8979	17065	13433	13860	27293	415	431	846	13848	14291	28139	166.1	154.4	159.9	171.3	159.2	164.9	12.1	0.93
39	Sululta Admin Town	1652	1621	3273	4603	4962	9565			0	4603	4962	9565	278.6	306.1	292.2	278.6	306.1	292.2	-27.5	1.10
40	Woliso Admin Town	2629	3053	5682	4831	5730	10561			0	4831	5730	10561	183.8	187.7	185.9	183.8	187.7	185.9	-3.9	1.02
	Oromia	3002897	2949982	5952879	3583539	3086680	6670219	74810	56802	131612	3658349	3143482	6801831	119.3	104.6	112.1	121.8	106.6	114.3	15.3	0.87

II. Gross Enrolment Rate of Primary School (Grade 7-8)

The Gross Enrolment Rate of primary school (Grade 7-8) is the rate calculated simply by dividing the total- number of students enrolled in primary school (Grade 7-8) (irrespective of their age) to the total population of 13-14 years old.

$$\text{Grade 7 – 8 GER} = \frac{\text{All age grade 7 – 8 enrolments}}{\text{School Age population of age 13 – 14}} \times 100$$

The regional average participation of students in primary School (Grade 7_8) still it is very low and needs serious attention to overcome the problem as shown in table 2.1.26 below

Table 2.1. 26 Primary Second Cycle Gross Enrolment Rate

Primary School (Grade 1_6) & (Grade 7-8) Gross Enrolment Rate (GER) 2013 (2020/21G.C.)												
SN	Zones/Administrative Towns	SAP (13-14)			Enrol. (7-8)			GER (7-8)			GG(%)	GPI
		M	F	T	M	F	T	M	F	T		
1	Arsi	93150	95917	189067	59749	52553	112302	64.1	54.8	59.4	9.4	0.85
2	Bale	32778	31506	64284	20778	16312	37090	63.4	51.8	57.7	11.6	0.82
3	Borena	18755	17275	36030	7141	5833	12974	38.1	33.8	36.0	4.3	0.89
4	Buno Beddele	18423	18638	37061	15071	13469	28540	81.8	72.3	77.0	9.5	0.88
5	East Bale	17437	16186	33623	9506	5900	15406	54.5	36.5	45.8	18.1	0.67
6	East Hararge	84662	75560	160222	57524	31550	89074	67.9	41.8	55.6	26.2	0.61
7	East Shoa	39521	38982	78503	20420	19465	39885	51.7	49.9	50.8	1.7	0.97
8	East Wollega	40222	40861	81083	29533	27120	56653	73.4	66.4	69.9	7.1	0.90
9	Guji	40662	37970	78632	32957	19852	52809	81.1	52.3	67.2	28.8	0.65
10	Horo Guduru Wollega	19569	20268	39837	17008	16101	33109	86.9	79.4	83.1	7.5	0.91
11	Ilu Aba Bora	25196	26279	51475	16375	14624	30999	65.0	55.6	60.2	9.3	0.86
12	Jima	80763	79728	160491	62225	62224	124449	77.0	78.0	77.5	-1.0	1.01
13	Kellem Wollega	28022	29652	57674	21461	18556	40017	76.6	62.6	69.4	14.0	0.82
14	North Shoa	47404	45083	92487	19625	17190	36815	41.4	38.1	39.8	3.3	0.92
15	OSZS Finfinne	19950	18805	38755	11331	9729	21060	56.8	51.7	54.3	5.1	0.91
16	South West Shoa	33426	32134	65560	17698	14505	32203	52.9	45.1	49.1	7.8	0.85
17	West Arsi	63645	64690	128335	35731	30234	65965	56.1	46.7	51.4	9.4	0.83
18	West Gujii	32414	29546	61960	24430	15018	39448	75.4	50.8	63.7	24.5	0.67
19	West Hararge	63981	57227	121208	36000	20864	56864	56.3	36.5	46.9	19.8	0.65
20	West Shoa	73751	72996	146747	46253	40473	86726	62.7	55.4	59.1	7.3	0.88
21	West Wollega	47484	51111	98595	37852	33974	71826	79.7	66.5	72.8	13.2	0.83
22	Adama Admin Town	5838	7584	13422	7713	9155	16868	132.1	120.7	125.7	11.4	0.91
23	Ambo Admin Town	1300	1716	3016	2204	2641	4845	169.5	153.9	160.6	15.6	0.91
24	Assela Admin Town	1757	2377	4134	2076	2340	4416	118.2	98.4	106.8	19.7	0.83
25	Batu Admin Town	1213	1438	2651	1899	1838	3737	156.6	127.8	141.0	28.7	0.82
26	Bishan Gurracha Admin Town	734	617	1351	231	186	417	31.5	30.1	30.9	1.3	0.96
27	Bishoftu Admin Town	2705	3765	6470	3452	4640	8092	127.6	123.2	125.1	4.4	0.97
28	Burayu Admin Town	1815	2282	4097	2087	2929	5016	115.0	128.4	122.4	-13.4	1.12
29	Dukem Admin Town	338	294	632	1059	1322	2381	313.3	449.7	376.7	-136.3	1.44
30	Gelan Admin Town	374	374	748	334	436	770	89.3	116.6	102.9	-27.3	1.31
31	Holota Admin Town	743	896	1639	1392	1661	3053	187.3	185.4	186.3	2.0	0.99
32	Jima Admin Town	3386	4245	7631	4273	4681	8954	126.2	110.3	117.3	15.9	0.87
33	L/Tafo L/Dadhi Admin Town	597	498	1095	690	857	1547	115.6	172.1	141.3	-56.5	1.49
34	Modjo Admin Town	1340	1430	2770	1132	1401	2533	84.5	98.0	91.4	-13.5	1.16
35	Nekemte Admin Town	2105	2561	4666	2334	3004	5338	110.9	117.3	114.4	-6.4	1.06
36	Robe Admin Town	1320	1474	2794	1832	1847	3679	138.8	125.3	131.7	13.5	0.90
37	Sebeta Admin Town	1480	1811	3291	3020	3554	6574	204.1	196.2	199.8	7.8	0.96
38	Shashemenne Admin Town	3112	3860	6972	4382	4336	8718	140.8	112.3	125.0	28.5	0.80
39	Sululta Admin Town	670	623	1293	986	1182	2168	147.2	189.7	167.7	-42.6	1.29
40	Woliso Admin Town	1124	1602	2726	1352	1661	3013	120.3	103.7	110.5	16.6	0.86
Oromia		953166	939861	1893027	641116	535217	1176333	67.3	56.9	62.1	10.3	0.85

As data from Table 2.1.26 above shows the GER primary School (grade 7-8) of 8 zones and 18 administrative towns exceed the regional average which is 62.1% (M=67.3%, F= 56.9%). The rest 13 zones and one administrative town have registered less than the regional average. Bishan Guracha administrative town and Borena zone have the least GER of all with 30.9% and 36% respectively.

Regarding GPI, among 21 zones in the region 9 of them (West Wollega, West Arsi, Kellem Wollega, Bale, West Gujii, East Bale, West Hararghe, Guji and East Hararge) and only three Administrative Towns (Assela (0.83), Batu (0.82) and Shashemenne (0.80)) has registered GPI less than the regional average which is 0.85. The rest zones and administrative towns have GPI greater than or equal to the regional average. On the other hand, 20 zones have GPI less than 1, and 7 administrative towns have GPI greater than 1.

III. Gross Enrolment Rate /GER/ of Primary Education (1-8)

The Gross Enrollment Rate of primary education (Grade 1-8) is a crude measure of primary educational coverage, which indicates the percentage of total enrollment in primary schools irrespective of age out of the corresponding primary school age (7-14) population. It includes under-aged and over aged pupils. So that GER can be greater than 100%.

$$\text{Primary GER} = \frac{\text{All age grade (1 - 8) Enrolments}}{\text{School Age population of age 7 - 14}} \times 100$$

The trend of GER for complete primary education in the region has shown slight fluctuating for the last five years. As can be seen from graph 2.1.13 below it has increased from 104.4% (M=115.5%, F=97.1%) in 2009 (2016/17 G.C) to 101.7% (M=108.7%, F=94.6%) by 2013 (2020/21 G.C).

Graph 2.1. 13 Trend of Primary 1-8 GER for the last five years.

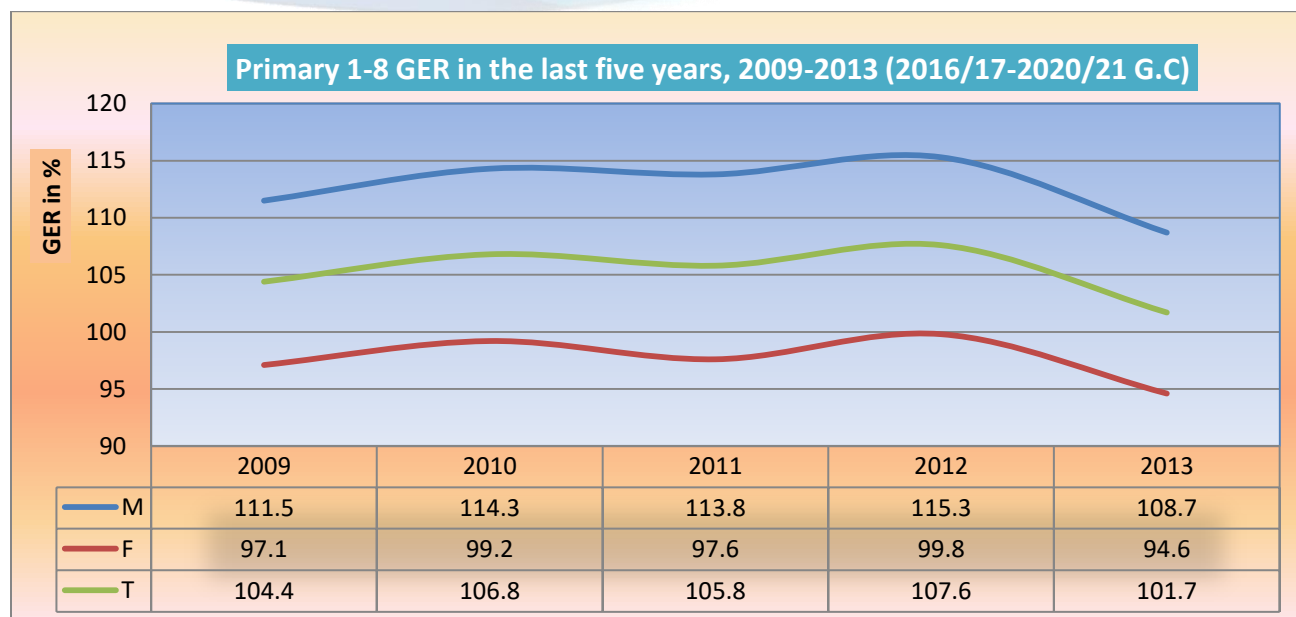


Table 2.1.27 below also illustrates complete primary education GER, GPI and GG of the region by zone and administrative towns. Accordingly, among 21 zones and 19 administrative towns in the region 12 zones and one administrative town in the region have GER below the regional average in the academic year which is 101.7%. To the contrary, the rest zones and administrative towns have above the regional average. Regarding GPI, eight zones have registered GPI less than the regional average which is 0.87; while 13 zones and 18 administrative towns have GPI above or equal to the regional average. Among them, only Batu Administrative town have GPI less than 1.0, which means female children have got less access to primary education than male.

Table 2.1. 27 Complete Primary Gross Enrolment Rate

Complete Primary Gross Enrolment Rate (GER) (1-8) (Regular & ABE) 2013 (2020/21 G.C.)																					
SN	Zones/ Administrative Towns	SAP (7-14)			Enrolment (1-8)			Enrolment ABE			Enrolment (1-8 +ABE)			GER (1-8) Reg			GER (1-8) Reg+ABE			GG (%)	GPI
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T		
1	Arsi	395905	395321	791226	348409	314861	663270	7951	5585	13536	356360	320446	676806	88.0	79.6	83.8	90.0	81.1	85.5	9.0	0.90
2	Bale	135075	129011	264086	155333	125025	280358	2773	1863	4636	158106	126888	284994	115.0	96.9	106.2	117.1	98.4	107.9	18.7	0.84
3	Borena	74328	70227	144555	58590	51999	110589	13088	8694	21782	71678	60693	132371	78.8	74.0	76.5	96.4	86.4	91.6	10.0	0.90
4	Buno Beddele	83116	82925	166041	91802	82227	174029	333	279	612	92135	82506	174641	110.5	99.2	104.8	110.9	99.5	105.2	11.4	0.90
5	East Bale	73576	69030	142606	76847	54399	131246	1130	746	1876	77977	55145	133122	104.4	78.8	92.0	106.0	79.9	93.3	26.1	0.75
6	East Hararge	385234	360944	746178	510963	372587	883550	4577	3775	8352	515540	376362	891902	132.6	103.2	118.4	133.8	104.3	119.5	29.6	0.78
7	East Shoa	153949	150953	304902	131611	120713	252324	1004	855	1859	132615	121568	254183	85.5	80.0	82.8	86.1	80.5	83.4	5.6	0.93
8	East Wollega	162515	162786	325301	171011	157461	328472	3283	2779	6062	174294	160240	334534	105.2	96.7	101.0	107.2	98.4	102.8	8.8	0.92
9	Guji	170192	161806	331998	226036	167228	393264	11231	8314	19545	237267	175542	412809	132.8	103.4	118.5	139.4	108.5	124.3	30.9	0.78
10	Horo Guduru Wollega	79618	83354	162972	85010	80675	165685	2821	2538	5359	87831	83213	171044	106.8	96.8	101.7	110.3	99.8	105.0	10.5	0.90
11	Ilu Aba Bora	100306	102488	202794	89818	81315	171133	132	116	248	89950	81431	171381	89.5	79.3	84.4	89.7	79.5	84.5	10.2	0.89
12	Jima	347495	344816	692311	398831	375986	774817	60	53	113	398891	376039	774930	114.8	109.0	111.9	114.8	109.1	111.9	5.7	0.95
13	Kellem Wollega	114413	116539	230952	109998	96995	206993	1471	1166	2637	111469	98161	209630	96.1	83.2	89.6	97.4	84.2	90.8	13.2	0.86
14	North Shoa	169778	167090	336868	115420	100488	215908	0	0	0	115420	100488	215908	68.0	60.1	64.1	68.0	60.1	64.1	7.8	0.88
15	OSZS Finfinne	72050	69571	141621	67031	56959	123990	33	34	67	67064	56993	124057	93.0	81.9	87.6	93.1	81.9	87.6	11.2	0.88
16	South West Shoa	127956	124292	252248	129664	107903	237567	65	38	103	129729	107941	237670	101.3	86.8	94.2	101.4	86.8	94.2	14.5	0.86
17	West Arsi	289794	284542	574336	258722	229663	488385	5320	4188	9508	264042	233851	497893	89.3	80.7	85.0	91.1	82.2	86.7	8.9	0.90
18	West Gujii	140754	135371	276125	179971	137444	317415	6146	4727	10873	186117	142171	328288	127.9	101.5	115.0	132.2	105.0	118.9	27.2	0.79
19	West Hararge	283941	266318	550259	356621	268024	624645	4064	2957	7021	360685	270981	631666	125.6	100.6	113.5	127.0	101.8	114.8	25.3	0.80
20	West Shoa	290539	288020	578559	287688	256181	543869	7465	6368	13833	295153	262549	557702	99.0	88.9	94.0	101.6	91.2	96.4	10.4	0.90
21	West Wollega	194158	197064	391222	181246	166594	347840	1153	1024	2177	182399	167618	350017	93.3	84.5	88.9	93.9	85.1	89.5	8.9	0.91
22	Adama Admin Town	20218	24039	44257	32312	36086	68398	80	77	157	32392	36163	68555	159.8	150.1	154.5	160.2	150.4	154.9	9.8	0.94
23	Ambo Admin Town	4304	5485	9789	9828	12257	22085	29	17	46	9857	12274	22131	228.3	223.5	225.6	229.0	223.8	226.1	5.2	0.98
24	Assela Admin Town	6108	7342	13450	7277	8150	15427	0	0	0	7277	8150	15427	119.1	111.0	114.7	119.1	111.0	114.7	8.1	0.93
25	Batu Admin Town	4331	5055	9386	8074	8200	16274	0	0	0	8074	8200	16274	186.4	162.2	173.4	186.4	162.2	173.4	24.2	0.87
26	BishanGurachaAdminTown	3196	2552	5748	1598	1513	3111	0	0	0	1598	1513	3111	50.0	59.3	54.1	50.0	59.3	54.1	-9.3	1.19
27	Bishoftu Admin Town	9109	11204	20313	15020	17972	32992	28	26	54	15048	17998	33046	164.9	160.4	162.4	165.2	160.6	162.7	4.6	0.97
28	Burayu Admin Town	6584	7472	14056	12296	15325	27621	0	0	0	12296	15325	27621	186.8	205.1	196.5	186.8	205.1	196.5	-18.3	1.10
29	Dukem Admin Town	1285	1142	2427	5065	5478	10543	0	0	0	5065	5478	10543	394.2	479.7	434.4	394.2	479.7	434.4	-85.5	1.22
30	Gelan Admin Town	1392	1427	2819	1906	2077	3983	0	0	0	1906	2077	3983	136.9	145.6	141.3	136.9	145.6	141.3	-8.6	1.06
31	Holota Admin Town	2495	2913	5408	6024	6960	12984	0	0	0	6024	6960	12984	241.4	238.9	240.1	241.4	238.9	240.1	2.5	0.99
32	Jima Admin Town	11242	13215	24457	20110	21128	41238	73	88	161	20183	21216	41399	178.9	159.9	168.6	179.5	160.5	169.3	19.0	0.89
33	L/Tafo L/D Admin Town	2233	1844	4077	3732	4276	8008	44	29	73	3776	4305	8081	167.1	231.9	196.4	169.1	233.5	198.2	-64.4	1.38
34	Modjo Admin Town	4821	5076	9897	5043	5702	10745	0	0	0	5043	5702	10745	104.6	112.3	108.6	104.6	112.3	108.6	-7.7	1.07
35	Nekemte Admin Town	7379	8119	15498	10323	12235	22558	11	22	33	10334	12257	22591	139.9	150.7	145.6	140.0	151.0	145.8	-10.9	1.08
36	Robe Admin Town	4653	5144	9797	8390	8371	16761	0	0	0	8390	8371	16761	180.3	162.7	171.1	180.3	162.7	171.1	17.6	0.90
37	Sebeta Admin Town	4748	5608	10356	17448	19709	37157	0	0	0	17448	19709	37157	367.5	351.4	358.8	367.5	351.4	358.8	16.0	0.96
38	Shashemenne Admin Town	11198	12839	24037	17815	18196	36011	415	431	846	18230	18627	36857	159.1	141.7	149.8	162.8	145.1	153.3	17.7	0.89
39	Sululta Admin Town	2322	2244	4566	5589	6144	11733	0	0	0	5589	6144	11733	240.7	273.8	257.0	240.7	273.8	257.0	-33.1	1.14
40	Woliso Admin Town	3753	4655	8408	6183	7391	13574	0	0	0	6183	7391	13574	164.7	158.8	161.4	164.7	158.8	161.4	6.0	0.96
Oromia		3956063	3889843	7845906	4224655	3621897	7846552	74780	56789	131569	4299435	3678686	7978121	106.8	93.1	100.0	108.7	94.6	101.7	14.11	0.87

2.1.3.3. Net Enrolment Rate (NER)

It is the rate of the official school age group enrolled for a given level of education expressed as a percentage of the corresponding school age population. NER is the better way of measuring organized timely school participation and is a more refined indicator of school and enrolment coverage in terms of explaining the proportion of pupils enrolled from the official age group. NER is usually lower than the GER since it excludes over-aged and under-aged pupils. NER of primary education is calculated by dividing the total enrolment of proper age for primary education (ages 7-14 for Ethiopia) by the number of children of school ages (7-14) population.

$$NER = \frac{\text{Total Enrolment in a specific level of Education with official age - group}}{\text{Official school age population corresponding to the same level of Education}} \times 100$$

A high NER denotes a high degree of participation of the official school-age population. The theoretical maximum value of NER is 100%. Increasing trends can be considered as reflecting improvement in participation of the official school-age population at the specified level of education. When NER is compared with GER, the difference between the two ratios highlights the incidence of under-aged and over-aged enrolment. If the NER is below 100% then the difference with 100% provides a measure of the proportion of children not enrolled at the specified level of education. However, some of these children might be enrolled at other levels of education.

The NER is a measure of school coverage for theoretical age, but is unfortunately not well to adapting measuring overall coverage. NER is severely affected by the inaccuracy of school age population data. Children's reported ages as per school censuses are often wrong due to children's or their teachers' ignorance, particularly when the registration of births is not widespread, or due to amendments to the birth register.

I. Net Enrolment Rate (NER) in Primary School (Grade 1-6)

It is the percentage of students who enrolled in primary first cycle, whose age is 7-12 years, compared to the school age population of this level; that is total population of 7-12 years old.

$$\text{Grade 1 - 6 NER} = \frac{\text{Grade 1 - 6 Enrolments of age 7 - 12}}{\text{School Age population of age 7 - 12}} \times 100$$

At normal circumstance, the NER at any education level never exceeds 100% that implies all school age children of the level have joined schools. But in the year 2013 (2020/21 G.C) the NER of primary School Grade 1-6 at the regional level exceeds 100%. Thus, we need to dig out the root cause of data inflation (i.e., $NER > 100\%$) for it being beyond the optimum rate.

Table 2.1.28 below also demonstrates NER, GPI and GG of primary School (Grade 1-6) of the region by zone and administrative towns. Accordingly, 11 zones (South West Shoa, West Shoa, Kellem Wollega, West Arsi, Borena, West Wollega, Arsi, OSZS Finfinne, Ilu Aba Bora, East Shoa & North Shoa) as well as two administrative town Modjo and Bishan Guracha have NER less than the ideal value which is 100%. The other zones and administrative towns have NER greater than 100%. The case of administrative towns like Dukem, Sebeta, Sululta and Holota those NER exceeds 200% needs to be identified by research.

Regarding GPI, seven zones have less than the regional average GPI (0.88). The rest 14 zones and 18 Administrative towns have GPI greater than regional average; among them, 11 administrative towns have registered GPI greater than 1.0 which implies female students are accessible than male students.

Table 2.1. 28 Primary Grade (1_6) Net Enrolment Rate (NER)

Primary School (Grade 1-6) Net Enrolment and Net Enrolment Rate 2013 (2020/21 G.C.)																						
SN	Zones/ Administrative Towns	SAP (7-12)			Net Enrol. (Reg) (1-6)			Net Enrol ABE (Age 7-12) (age 7-10)			Total Net Enrol Grade 1_6 (Reg+ABE)			NER (1-6) Reg			NER (1-6) Reg+ABE			GG (%)		GPI
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	NER	NER	
1	Arsi	302755	299404	602159	260632	236578	497210	6281	4387	10668	266913	240965	507878	86.1	79.0	82.6	88.2	80.5	84.3	7.68	0.91	
2	Bale	102297	97505	199802	126725	103144	229869	2242	1547	3789	128967	104691	233658	123.9	105.8	115.0	126.1	107.4	116.9	18.70	0.85	
3	Borena	55573	52952	108525	42271	38398	80669	8349	5565	13914	50620	43963	94583	76.1	72.5	74.3	91.1	83.0	87.2	8.06	0.91	
4	Buno Beddele	64693	64287	128980	70645	63523	134168	242	199	441	70887	63722	134609	109.2	98.8	104.0	109.6	99.1	104.4	10.45	0.90	
5	East Bale	56139	52844	108983	62336	45721	108057	1065	728	1793	63401	46449	109850	111.0	86.5	99.2	112.9	87.9	100.8	25.04	0.78	
6	East Hararge	300572	285384	585956	414206	316250	730456	3678	3048	6726	417884	319298	737182	137.8	110.8	124.7	139.0	111.9	125.8	27.15	0.80	
7	East Shoa	114428	111971	226399	95808	87370	183178	929	778	1707	96737	88148	184885	83.7	78.0	80.9	84.5	78.7	81.7	5.82	0.93	
8	East Wollega	122293	121925	244218	128763	118420	247183	2772	2311	5083	131535	120731	252266	105.3	97.1	101.2	107.6	99.0	103.3	8.54	0.92	
9	Guji	129530	123836	253366	155169	121322	276491	8516	6185	14701	163685	127507	291192	119.8	98.0	109.1	126.4	103.0	114.9	23.40	0.81	
10	Horo Guduru Wollega	60049	63086	123135	60879	57551	118430	2428	2220	4648	63307	59771	123078	101.4	91.2	96.2	105.4	94.7	100.0	10.68	0.90	
11	Ilu Aba Bora	75110	76209	151319	64980	59326	124306	97	79	176	65077	59405	124482	86.5	77.8	82.1	86.6	78.0	82.3	8.69	0.90	
12	Jima	266732	265088	531820	306990	285972	592962	60	53	113	307050	286025	593075	115.1	107.9	111.5	115.1	107.9	111.5	7.22	0.94	
13	Kellem Wollega	86391	86887	173278	81143	72035	153178	1171	915	2086	82314	72950	155264	93.9	82.9	88.4	95.3	84.0	89.6	11.32	0.88	
14	North Shoa	122374	122007	244381	81235	70972	152207				81235	70972	152207	66.4	58.2	62.3	66.4	58.2	62.3	8.21	0.88	
15	OSZS Finfinne	52100	50766	102866	46020	39529	85549	20	19	39	46040	39548	85588	88.3	77.9	83.2	88.4	77.9	83.2	10.47	0.88	
16	South West Shoa	94530	92158	186688	96778	81058	177836	64	37	101	96842	81095	177937	102.4	88.0	95.3	102.4	88.0	95.3	14.45	0.86	
17	West Arsi	226149	219852	446001	201827	182076	383903	3889	3092	6981	205716	185168	390884	89.2	82.8	86.1	91.0	84.2	87.6	6.74	0.93	
18	West Guji	108340	105825	214165	123056	97539	220595	4784	3700	8484	127840	101239	229079	113.6	92.2	103.0	118.0	95.7	107.0	22.33	0.81	
19	West Hararge	219960	209091	429051	284963	223460	580423	3552	2535	6087	288515	225995	514510	129.6	106.9	118.5	131.2	108.1	119.9	23.08	0.82	
20	West Shoa	216788	215024	431812	205221	184086	389307	5779	4976	10755	211000	189062	400062	94.7	85.6	90.2	97.3	87.9	92.6	9.40	0.90	
21	West Wollega	146674	145953	292627	131248	121244	252492	968	884	1852	132216	122128	254344	89.5	83.1	86.3	90.1	83.7	86.9	6.47	0.93	
22	Adama Admin Town	14380	16455	30835	22106	24253	46359	63	58	121	22169	24311	46480	153.7	147.4	150.3	154.2	147.7	150.7	6.42	0.96	
23	Ambo Admin Town	3004	3769	6773	5817	7508	13325	16	8	24	5833	7516	13349	193.6	199.2	196.7	194.2	199.4	197.1	-5.24	1.03	
24	Assela Admin Town	4351	4965	9316	4358	5032	9390			0	4358	5032	9390	100.2	101.3	100.8	100.2	101.3	100.8	-1.19	1.01	
25	Batu Admin Town	3118	3617	6735	5219	5356	10575			0	5219	5356	10575	167.4	148.1	157.0	167.4	148.1	157.0	19.30	0.88	
26	Bishan Gurracha Admin Town	2462	1935	4397	1075	1057	2132			0	1075	1057	2132	43.7	54.6	48.5	43.7	54.6	48.5	-10.96	1.25	
27	Bischofu Admin Town	6404	7439	13843	9567	10434	20001	26	22	48	9593	10456	20049	149.4	140.3	144.5	149.8	140.6	144.8	9.24	0.94	
28	Burayu Admin Town	4769	5190	9959	8682	9883	18565			0	8682	9883	18565	182.1	190.4	186.4	182.1	190.4	186.4	-8.37	1.05	
29	Dukem Admin Town	947	848	1795	3614	3722	7336			0	3614	3722	7336	381.6	438.9	408.7	381.6	438.9	408.7	-57.29	1.15	
30	Gelan Admin Town	1018	1053	2071	1366	1405	2771			0	1366	1405	2771	134.2	133.4	133.8	134.2	133.4	133.8	0.76	0.99	
31	Holota Admin Town	1752	2017	3769	3510	4124	7634			0	3510	4124	7634	200.3	204.5	202.5	200.3	204.5	202.5	-4.12	1.02	
32	Jima Admin Town	7856	8970	16826	12581	13327	25908	73	88	161	12654	13415	26069	160.1	148.6	154.0	161.1	149.6	154.9	11.52	0.93	
33	U/Tofo U/Dadhi Admin Town	1636	1346	2982	2416	2582	4998	43	27	70	2459	2609	5068	147.7	191.8	167.6	150.3	193.8	170.0	-43.53	1.29	
34	Mojojo Admin Town	3481	3646	7127	3384	3720	7104			0	3384	3720	7104	97.2	102.0	99.7	97.2	102.0	99.7	-4.82	1.05	
35	Nekemte Admin Town	5274	5558	10832	6719	7756	14475	11	21	32	6730	7777	14507	127.4	139.5	133.6	127.6	139.9	133.9	-12.32	1.10	
36	Robe Admin Town	3333	3670	7003	5707	5807	11514			0	5707	5807	11514	171.2	158.2	164.4	171.2	158.2	164.4	13.00	0.92	
37	Sebeta Admin Town	3268	3797	7065	12375	13507	25882			0	12375	13507	25882	378.7	355.7	366.3	378.7	355.7	366.3	22.94	0.94	
38	Shashemenne Admin Town	8086	8979	17065	10489	11120	21609	260	265	525	10749	11385	22134	129.7	123.8	126.6	132.9	126.8	129.7	6.14	0.95	
39	Sululta Admin Town	1652	1621	3273	3517	3668	7185			0	3517	3668	7185	212.9	226.3	219.5	212.9	226.3	219.5	-13.39	1.06	
40	Woliso Admin Town	2629	3053	5682	4074	4916	8990			0	4074	4916	8990	155.0	161.0	158.2	155.0	161.0	158.2	-6.06	1.04	
Oromia		3002897	2949982	5952879	3167471	2744751	5912222	57378	43747	101125	3224849	2788498	6013347	105.5	93.0	99.3	107.4	94.5	101.0	12.9	0.88	

II. Net Enrolment Rate (NER) in Primary Schools (Grade 7-8)

Net Enrolment Rate /NER/ at primary schools (Grade 7_8) is the proportion of enrolment of students in primary School of the age (13-14), with an eligible school population of age (13-14).

$$\text{Grade 7 – 8 NER} = \frac{\text{Grade 7 – 8 enrolments of age 13 – 14}}{\text{School Age population of age 13 – 14}} \times 100$$

The NER of primary School (7-8) by regional average, zones and administrative towns indicates in table 2.1.29 below.

Table 2.1.29 below also shows the NER of primary Schools (Grade 7-8) of the region by zones and administrative towns. Accordingly, 13 zones and one administrative town have registered NER of primary second cycle less than the regional average, 40.1%. But eight zones and eighteen administrative towns have registered NER greater than the regional average. Regarding GPI, among the 21 zones and 19 admin towns in the region 10 zones and 2 admin towns have GPI less than the regional average (0.88). The rest 11 zones and 17 administrative towns have GPI greater or equal to the regional average. Among the zones, only Jima zone as well as eight administrative towns have registered GPI greater than or equal to 1.0

Table 2.1. 29 Primary School (Grade 7-8) Net Enrolment Rate

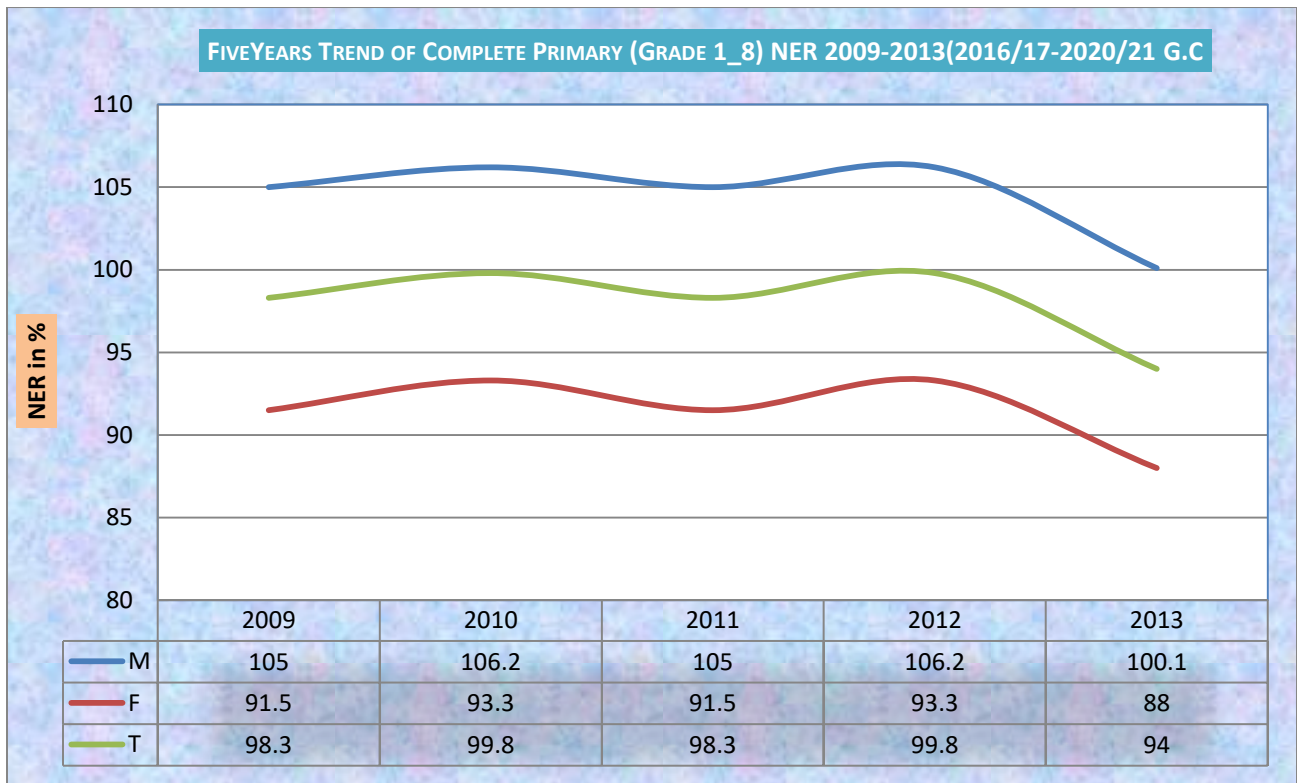
Primary School (Grade 7-8) Net Enrolment and Net Enrolment Rate (NER) , 2013 (2020/21 G.C.)												
SN	Zones/ Administrative Towns	SAP (13-14)			Net Enrol. (Reg) (7-8)			NER (7-8)			GG(%)	GPI
		M	F	T	M	F	T	M	F	T	NER	NER
1	Arsi	93150	95917	189067	40382	36573	76955	43.4	38.1	40.7	5.2	0.88
2	Bale	32778	31506	64284	17103	13844	30947	52.2	43.9	48.1	8.2	0.84
3	Borena	18755	17275	36030	3280	2737	6017	17.5	15.8	16.7	1.6	0.91
4	Buno Beddele	18423	18638	37061	10675	9711	20386	57.9	52.1	55.0	5.8	0.90
5	East Bale	17437	16186	33623	7345	4823	12168	42.1	29.8	36.2	12.3	0.71
6	East Hararge	84662	75560	160222	38259	22361	60620	45.2	29.6	37.8	15.6	0.65
7	East Shoa	39521	38982	78503	12850	12380	25230	32.5	31.8	32.1	0.8	0.98
8	East Wollega	40222	40861	81083	20735	19679	40414	51.6	48.2	49.8	3.4	0.93
9	Guji	40662	37970	78632	14524	9940	24464	35.7	26.2	31.1	9.5	0.73
10	Horo Guduru Wollega	19569	20268	39837	11536	11159	22695	59.0	55.1	57.0	3.9	0.93
11	Ilu Aba Bora	25196	26279	51475	9962	9438	19400	39.5	35.9	37.7	3.6	0.91
12	Jima	80763	79728	160491	43384	44020	87404	53.7	55.2	54.5	-1.5	1.03
13	Kellem Wollega	28022	29652	57674	16045	14180	30225	57.3	47.8	52.4	9.4	0.84
14	North Shoa	47404	45083	92487	10802	9631	20433	22.8	21.4	22.1	1.4	0.94
15	OSZS Finfinne	19950	18805	38755	5610	4910	10520	28.1	26.1	27.1	2.0	0.93
16	South West Shoa	33426	32134	65560	10684	8889	19573	32.0	27.7	29.9	4.3	0.87
17	West Arsi	63645	64690	128335	24451	21393	45844	38.4	33.1	35.7	5.3	0.86
18	West Gujii	32414	29546	61960	9698	6456	16154	29.9	21.9	26.1	8.1	0.73
19	West Hararge	63981	57227	121208	21238	13058	34296	33.2	22.8	28.3	10.4	0.69
20	West Shoa	73751	72996	146747	25862	22903	48765	35.1	31.4	33.2	3.7	0.89
21	West Wollega	47484	51111	98595	27813	25173	52986	58.6	49.3	53.7	9.3	0.84
22	Adama Admin Town	5838	7584	13422	5626	6907	12533	96.4	91.1	93.4	5.3	0.95
23	Ambo Admin Town	1300	1716	3016	730	917	1647	56.2	53.4	54.6	2.7	0.95
24	Assela Admin Town	1757	2377	4134	1097	1316	2413	62.4	55.4	58.4	7.1	0.89
25	Batu Admin Town	1213	1438	2651	1210	1214	2424	99.8	84.4	91.4	15.3	0.85
26	Bishan Gurracha Admin Town	734	617	1351	72	57	129	9.8	9.2	9.5	0.6	0.94
27	Bishoftu Admin Town	2705	3765	6470	1823	2438	4261	67.4	64.8	65.9	2.6	0.96
28	Burayu Admin Town	1815	2282	4097	1090	1469	2559	60.1	64.4	62.5	-4.3	1.07
29	Dukem Admin Town	338	294	632	760	956	1716	224.9	325.2	271.5	-100.3	1.45
30	Gelan Admin Town	374	374	748	221	303	524	59.1	81.0	70.1	-21.9	1.37
31	Holota Admin Town	743	896	1639	572	707	1279	77.0	78.9	78.0	-1.9	1.02
32	Jima Admin Town	3386	4245	7631	2236	2671	4907	66.0	62.9	64.3	3.1	0.95
33	L/Tafo L/Dadhi Admin Town	597	498	1095	262	264	526	43.9	53.0	48.0	-9.1	1.21
34	Modjo Admin Town	1340	1430	2770	739	912	1651	55.1	63.8	59.6	-8.6	1.16
35	Nekemte Admin Town	2105	2561	4666	1452	1979	3431	69.0	77.3	73.5	-8.3	1.12
36	Robe Admin Town	1320	1474	2794	1198	1321	2519	90.8	89.6	90.2	1.1	0.99
37	Sebeta Admin Town	1480	1811	3291	1613	1915	3528	109.0	105.7	107.2	3.2	0.97
38	Shashemenne Admin Town	3112	3860	6972	1966	2064	4030	63.2	53.5	57.8	9.7	0.85
39	Sululta Admin Town	670	623	1293	435	527	962	64.9	84.6	74.4	-19.7	1.30
40	Woliso Admin Town	1124	1602	2726	788	996	1784	70.1	62.2	65.4	7.9	0.89
Oromia		953166	939861	1893027	406128	352191	758319	42.6	37.5	40.1	5.1	0.88

III. Net Enrolment Rate (NER) in Complete Primary (1-8)

The Net Enrolment Rate (NER) for complete primary can also be calculated in a similar way of calculating NER for primary (Grade 1-6) and (Grade 7-8) schools. It is the proportion of the appropriate school age (7-14) children enrolled in primary school with the total school age (7-14) population. When the (Grade 1-6) and (Grade 7-8) NER are separately compared with complete primary in the region, it would take more time to achieve 100%. This is because those children in primary school of age 13-14 who are over aged for Grade 1-6, and students of age 7-12 who are under aged for the Grade 7-8 are included while calculating NER for complete primary.

$$\text{Primary grade 1 - 8 NER} = \frac{\text{Grade 1 - 8 enrolments of age 7 - 14}}{\text{School Age population of age 7 - 14}} \times 100$$

Graph 2.1. 14 Five Years Trend of Primary 1-8 Net Enrolment Rate



As illustrated on the graph 2.1.14 above; the NER of primary education has shown fluctuating from 2009 (2016/17 G.C) to 2013 (2020/21 G.C). On the other hand, the NER recorded in the year 2013 E.C is declined to 94% with different trends from the past four years. The reason why the trend is broken needs further investigation.

Table 2.1. 30 Complete Primary (1-8) Net Enrolment Rate

Complete Primary Net Enrolment and Net Enrolment Rate (NER) (1-8) 2013(2020/21 G.C.)																						
SN	Zones/ Administrative Towns	SAP (7_14)			Net Enrolment (Reg) (1-8)			Net Enrol ABE age 7-14 age (7-14)			Total Net Enrolment (Reg+ABE)			NER (1-8) (Reg)			NER (1-8) (Reg+ABE)			GG (%)		GPI
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	NER	NER	
1	Arsi	395905	395321	791226	324881	295359	620240	6908	4738	11646	331789	300097	631886	82.1	74.7	78.4	83.8	75.9	79.9	7.9	0.91	
2	Bale	135075	129011	264086	150088	121881	271969	2425	1677	4102	152513	123558	276071	111.1	94.5	103.0	112.9	95.8	104.5	17.1	0.85	
3	Borena	74328	70227	144555	51491	46579	98070	10400	6874	17274	61891	53453	115344	69.3	66.3	67.8	83.3	76.1	79.8	7.2	0.91	
4	Buno Beddele	83116	82925	166041	86442	77812	164254	270	221	491	86712	78033	164745	104.0	93.8	98.9	104.3	94.1	99.2	10.2	0.90	
5	East Bale	73576	69030	142606	73497	52954	126451	1115	743	1858	74612	53697	128309	99.9	76.7	88.7	101.4	77.8	90.0	23.6	0.77	
6	East Hararge	385234	360944	746178	484017	359445	843462	4250	3460	7710	488267	362905	851172	125.6	99.6	113.0	126.7	100.5	114.1	26.2	0.79	
7	East Shoa	153949	150953	304902	120925	111065	231990	981	831	1812	121906	111896	233802	78.5	73.6	76.1	79.2	74.1	76.7	5.1	0.94	
8	East Wollega	162515	162786	325301	160326	148440	308766	2871	2412	5283	163197	150852	314049	98.7	91.2	94.9	100.4	92.7	96.5	7.8	0.92	
9	Guji	170192	161806	331998	193573	148484	342057	9451	6849	16300	203024	155333	358357	113.7	91.8	103.0	119.3	96.0	107.9	23.3	0.80	
10	Horo Guduru Wollega	79618	83354	162972	78533	74800	153333	2641	2378	5019	81174	77178	158352	98.6	89.7	94.1	102.0	92.6	97.2	9.4	0.91	
11	Ilu Aba Bora	100306	102488	202794	81655	74937	156592	99	82	181	81754	75019	156773	81.4	73.1	77.2	81.5	73.2	77.3	8.3	0.90	
12	Jima	347495	344816	692311	374912	353060	727972	60	53	113	374972	353113	728085	107.9	102.4	105.2	107.9	102.4	105.2	5.5	0.95	
13	Kellem Wollega	114413	116539	230952	103128	91619	194747	1295	1007	2302	104423	92626	197049	90.1	78.6	84.3	91.3	79.5	85.3	11.8	0.87	
14	North Shoa	169778	167090	336868	103402	90550	193952	0	0	0	103402	90550	193952	60.9	54.2	57.6	60.9	54.2	57.6	6.7	0.89	
15	OSZS Finfinne	72050	69571	141621	59610	51037	110647	20	19	39	59630	51056	110686	82.7	73.4	78.1	82.8	73.4	78.2	9.4	0.89	
16	South West Shoa	127956	124292	252248	119333	99804	219137	64	37	101	119397	99841	219238	93.3	80.3	86.9	93.3	80.3	86.9	13.0	0.86	
17	West Arsi	289794	284542	574336	243035	217987	461022	4087	3232	7319	247122	221219	468341	83.9	76.6	80.3	85.3	77.7	81.5	7.5	0.91	
18	West Gujii	140754	135371	276125	153311	120095	273406	5530	4248	9778	158841	124343	283184	108.9	88.7	99.0	112.9	91.9	102.6	21.0	0.81	
19	West Hararge	283941	266318	550259	334074	255308	589382	3623	2604	6227	337697	257912	595609	117.7	95.9	107.1	118.9	96.8	108.2	22.1	0.81	
20	West Shoa	290539	288020	578559	260628	233240	493868	6568	5605	12173	267196	238845	506041	89.7	81.0	85.4	92.0	82.9	87.5	9.0	0.90	
21	West Wollega	194158	197064	391222	169850	156746	326596	1070	974	2044	170920	157720	328640	87.5	79.5	83.5	88.0	80.0	84.0	8.0	0.91	
22	Adama Admin Town	20218	24039	44257	29206	32925	62131	66	61	127	29272	32986	62258	144.5	137.0	140.4	144.8	137.2	140.7	7.6	0.95	
23	Ambo Admin Town	4304	5485	9789	7710	10143	17853	16	8	24	7726	10151	17877	179.1	184.9	182.4	179.5	185.1	182.6	-5.6	1.03	
24	Assela Admin Town	6108	7342	13450	6004	6961	12965	0	0	0	6004	6961	12965	98.3	94.8	96.4	98.3	94.8	96.4	3.5	0.96	
25	Batu Admin Town	4331	5055	9386	6971	7232	14203	0	0	0	6971	7232	14203	161.0	143.1	151.3	161.0	143.1	151.3	17.9	0.89	
26	Bishan Gurracha Admin Town	3196	2552	5748	1380	1343	2723	0	0	0	1380	1343	2723	43.2	52.6	47.4	43.2	52.6	47.4	-9.4	1.22	
27	Bishoftu Admin Town	9109	11204	20313	12990	14931	27921	28	26	54	13018	14957	27975	142.6	133.3	137.5	142.9	133.5	137.7	9.4	0.93	
28	Burayu Admin Town	6584	7472	14056	10807	12952	23759	0	0	0	10807	12952	23759	164.1	173.3	169.0	164.1	173.3	169.0	-9.2	1.06	
29	Dukem Admin Town	1285	1142	2427	4699	5005	9704	0	0	0	4699	5005	9704	365.7	438.3	399.8	365.7	438.3	399.8	-72.6	1.20	
30	Gelan Admin Town	1392	1427	2819	1726	1863	3589	0	0	0	1726	1863	3589	124.0	130.6	127.3	124.0	130.6	127.3	-6.6	1.05	
31	Holota Admin Town	2495	2913	5408	4971	5732	10703	0	0	0	4971	5732	10703	199.2	196.8	197.9	199.2	196.8	197.9	2.5	0.99	
32	Jima Admin Town	11242	13215	24457	16733	18233	34966	73	88	161	16806	18321	35127	148.8	138.0	143.0	149.5	138.6	143.6	10.9	0.93	
33	L/Tafo L/Dadhi Admin Town	2233	1844	4077	3004	3349	6353	44	29	73	3048	3378	6426	134.5	181.6	155.8	136.5	183.2	157.6	-46.7	1.34	
34	Modjo Admin Town	4821	5076	9897	4541	5085	9626	0	0	0	4541	5085	9626	94.2	100.2	97.3	94.2	100.2	97.3	-6.0	1.06	
35	Nekemte Admin Town	7379	8119	15498	9149	10954	20103	11	22	33	9160	10976	20136	124.0	134.9	129.7	124.1	135.2	129.9	-11.1	1.09	
36	Robe Admin Town	4653	5144	9797	7477	7693	15170	0	0	0	7477	7693	15170	160.7	149.6	154.8	160.7	149.6	154.8	11.1	0.93	
37	Sebeta Admin Town	4748	5608	10356	15518	17185	32703	0	0	0	15518	17185	32703	326.8	306.4	315.8	326.8	306.4	315.8	20.4	0.94	
38	Shashemenne Admin Town	11198	12839	24037	14509	15451	29960	263	276	539	14772	15727	30499	129.6	120.3	124.6	131.9	122.5	126.9	9.4	0.93	
39	Sululta Admin Town	2322	2244	4566	4713	4996	9709	0	0	0	4713	4996	9709	203.0	222.6	212.6	203.0	222.6	212.6	-19.7	1.10	
40	Woliso Admin Town	3753	4655	8408	5343	6507	11850	0	0	0	5343	6507	11850	142.4	139.8	140.9	142.4	139.8	140.9	2.6	0.98	
Oromia		3956063	3889843	7845906	3894162	3369742	7263904	64229	48554	112783	3958391	3418296	7376687	98.4	86.6	92.6	100.1	87.9	94.0	12	0.88	

Table 2.1.30 above shows complete primary education NER of the region by zones and administrative Towns. Accordingly, among all zones of the region, NER of 12 zones and only Bishan Gurracha administrative town were less than the regional average of primary education NER, 94% (M=100%, F=88%). On the other hand, 9 zones and 18 administrative towns have NER above the regional average. Furthermore, among all zones and administrative towns only 8 zones have GPI below the regional average (0.88). The remaining zones and all administrative towns have GPI above the regional average. Among these, nine administrative towns have registered GPI greater than or equal to 1.00 which means equal or more accessible for female students.

2.1.4. Primary Gender Equity for the Last Five Years

a. Equity

Education is considered to be one of the best channels to reduce socioeconomic inequalities and especially a powerful tool to reduce their trans-generational transmission. The level of qualifications and degrees obtained throughout schooling determine an individual's future socioeconomic status to a certain extent. Education systems are therefore expected to offer each child similar chances of success, based on merit over and above personal characteristics beyond their control (gender, area of residence, and so on). Given that schooling options are likely to be affected by individuals' financing ability and other specific characteristics, it is important to determine the extent to which education systems, especially those that are publicly funded, take these factors into account to limit their impact on individuals' access to school and results.

b. The Absolute Gap in Performance between Two Groups

The absolute gap in the performance of two groups A and B (such as urban and rural indicators or boys and girls) is calculated by subtracting the chosen performance indicator for group A from that for group B. The absolute gap is interpreted as the amount by which it is necessary to increase the performance indicator for group B (rural or girls in this instance) to achieve equity between the two groups.

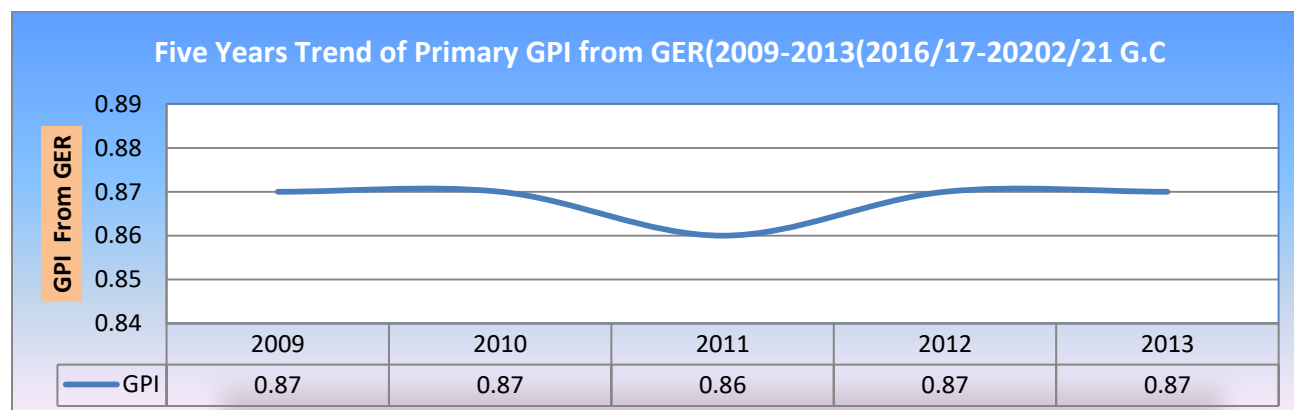
c. The Parity Index

The parity index comparing groups A and B is obtained by dividing the performance indicator of group B by that of group A. The parity index provides the factor by which it would be necessary to multiply the group B indicator (or divide the group A indicator) to achieve an equal value for both groups. Parity between the two groups is achieved when the parity index is equal to 1. An index value above 1 indicates an advantage for group B (numerator); conversely, an index value below 1 indicates a disadvantage for group B (numerator). The greater the divergence of the index from number one the greater the disparity between the two groups.

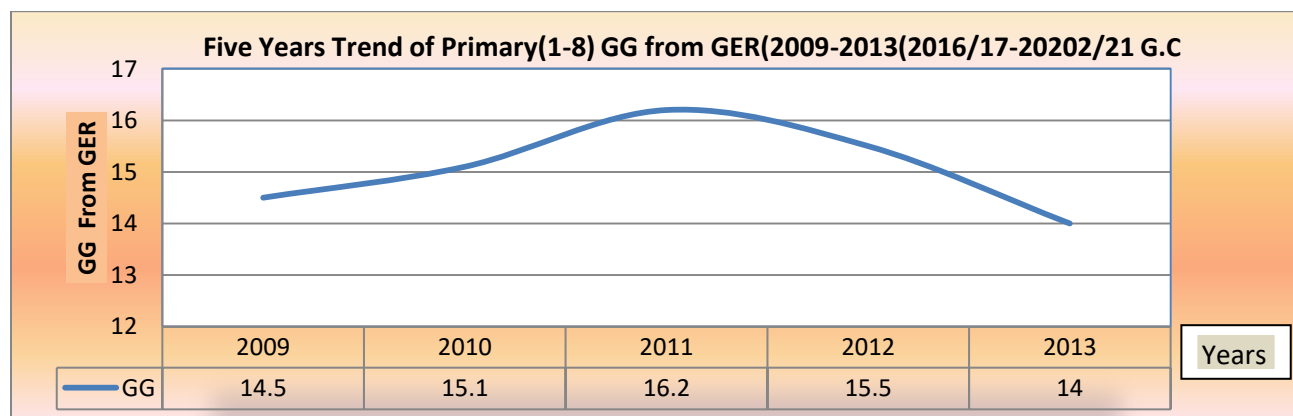
Table 2.1. 31 Five Years Trend of Primary (1-8) Gender Equity indicators by GER

Five Years 2009-2013 (2016/17-2020/21 G.C) Trend of Full Primary School Gender Equity				
Year	Primary (1-8)			
	GER		GPI	G G
	M	F		
2009	111.5	97.1	0.87	14.5
2010	114.3	99.2	0.87	15.1
2011	113.8	97.6	0.86	16.2
2012	115.3	99.8	0.87	15.5
2013	108.7	94.5	0.87	14

Graph 2.1. 15 Five Years Trend of Primary (1-8) Gender Equity indicators by GER



Graph 2.1. 16 Five Years Trend of Primary (1-8) Gender Gap by GER

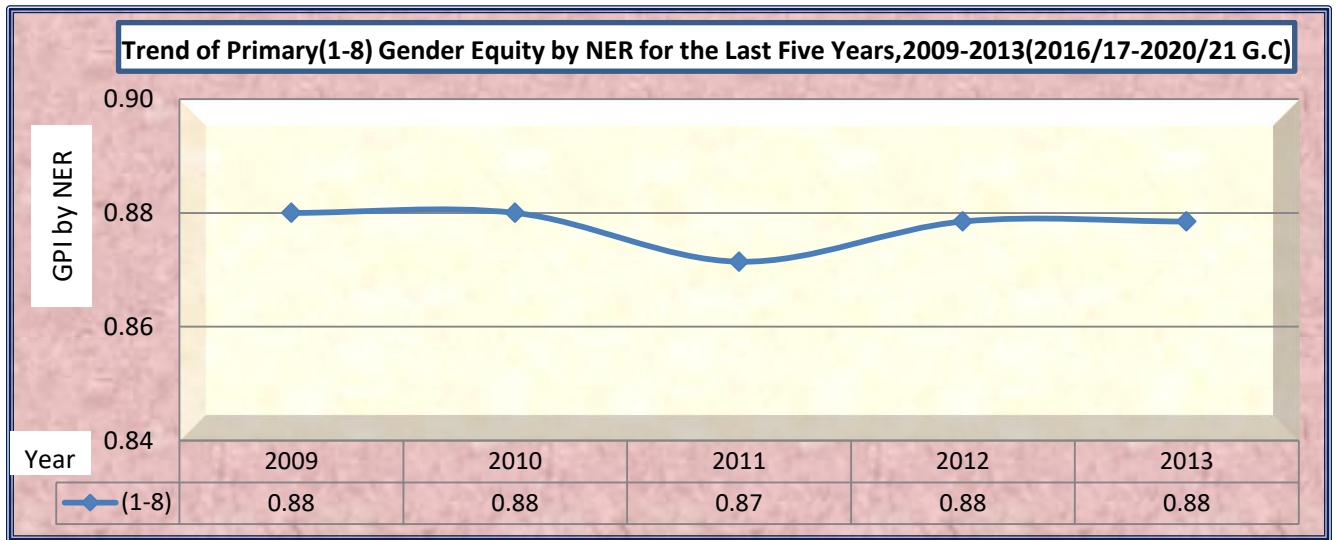


It is possible to see from table 2.1.31 and graph 2.1.16 above that the primary education (1-8) gender gap has been a little bit improved from 14.5 to 14.0 while the GPI has been more or less the same for the last five years by GER. For example, the GG at the regional level has been 14.5 in 2009 (2016/17 G.C) and then decreased to 14.0 in 2013 (2020/21 G.C), whereas the GPI at the regional level has been 0.88 in 2009 (2016/17 G.C) and still 0.88 in 2013 (2020/21 G.C). Which indicates that the participation of primary education favour male than female.

Table 2.1. 32 Five Years Trend of Primary (1-8) Gender Equity by NER

Five Years, 2009-2013 (2016/17-2020/21 G.C), Trend of Full Primary School Gender Equity by NER				
Year	Primary (1-8)			
	NER		GPI	GG
	M	F		
2009	103.5	91.4	0.88	12.0
2010	105.6	93.0	0.88	12.6
2011	105	91.5	0.87	13.5
2012	106.2	93.3	0.88	12.9
2013	100.1	88	0.88	12

Graph 2.1. 17 Five Years Trend of Primary Gender Equity by NER



As can be seen from table 2.1.32 and graph 2.1.17 above, gender equity of full primary (1-8) by NER has been expressed as Gender Gap 12% and GPI 0.88 respectively in 2009 (2016/17 G.C). After five years still Gender Gap (12%) and GPI (0.88) in 2013 (2020/21 G.C) which shows the participation related to gender goes apart; male participation is increasing and female participation is decreasing from year to year.

2.2. Quality Indicators in Primary Education

Quality of education is the key indicator to detect whether a given country is on the right track to achieve the intended goal of its education system or not. Quality of education system may refer to many different characteristics, such as quality of inputs into education system, quality of process, quality of educational outputs and outcomes. This document focuses on quality in relation to educational inputs such as teachers' qualification, text book distribution and class sizes.

2.2.1. TEACHERS IN PRIMARY EDUCATION

One of the main factors which affect the quality of education is the qualifications of teachers. The performance of pupils in primary schools is greatly affected by the quality of the teaching staff. According to national standards, primary education requires teachers with minimum qualification of Diploma from College of Teachers Education.

In 2013 (2020/21 G.C.) there were 168,856 (100,516 Male and 68,340 Female) teachers in primary schools in the region. As it is illustrated in table 2.2.1, 2.2.2 and 2.2.3 below, percentage of qualified teachers for primary (Grade 1-6) schools at regional level is 86.8% (M=84.2% & F=89.6%), where as in primary (Grade 7-8) schools the percentage of qualified teachers (Degree and above) is 27.3% (M=25.0% & F=34.0%). The percentage of qualified primary school (1-8) teachers (Diploma and above) is 90.0% (M=89.0% F=91.3%) at regional level. This implies that the qualification of teachers is an area which needs special attention particularly primary (Grade 7-8).

Table 2.2. 1 Primary (Grade 1-6) Teachers by Highest Education Level

Primary (Grade 1-6) Teachers by Highest Education Level, 2013 (2020/21 G.C)																				
SN	Zones/Administrative Towns	Belew Diploma		Diploma		Applied		BA or BSc or BEd		MA MSc MEd & above		Total			Qualified (Dipolma and Above)			% of Qualified (Dip & Above)		
		M	F	M	F	M	F	M	F	M	F	M	F	T	M	F	T	M	F	T
1	Arsi	794	473	3400	3142	67	61	549	418	5	2	4815	4096	8911	4021	3623	7644	83.5	88.5	85.8
2	Bale	332	224	1474	1516	47	104	123	248	2	0	1978	2092	4070	1646	1868	3514	83.2	89.3	86.3
3	Borena	435	130	1279	640	20	13	46	24	0	0	1780	807	2587	1345	677	2022	75.6	83.9	78.2
4	Buno Beddele	61	37	1195	1119	42	40	188	252	1	1	1487	1449	2936	1426	1412	2838	95.9	97.4	96.7
5	East Bale	240	190	991	924	21	21	43	71	0	0	1295	1206	2501	1055	1016	2071	81.5	84.2	82.8
6	East Hararge	1398	587	4897	2579	67	41	209	163	1	0	6572	3370	9942	5174	2783	7957	78.7	82.6	80.0
7	East Shoa	224	177	1600	1562	102	98	238	211	3	0	2167	2048	4215	1943	1871	3814	89.7	91.4	90.5
8	East Wollega	334	252	1743	2092	111	88	424	491	11	1	2623	2924	5547	2289	2672	4961	87.3	91.4	89.4
9	Guji	402	140	2662	1577	28	13	77	60	3	0	3172	1790	4962	2770	1650	4420	87.3	92.2	89.1
10	Horo Guduru Wollega	53	38	890	1110	102	99	299	391	7	1	1351	1639	2990	1298	1601	2899	96.1	97.7	97.0
11	Ilu Aba Bora	74	30	1320	1429	28	55	197	363	0	0	1619	1877	3496	1545	1847	3392	95.4	98.4	97.0
12	Jima	1178	1204	3224	4030	44	83	207	252	2	0	4655	5569	10224	3477	4365	7842	74.7	78.4	76.7
13	Kellem Wollega	148	71	1402	1635	26	31	154	192	3	0	1733	1929	3662	1585	1858	3443	91.5	96.3	94.0
14	North Shoa	79	78	1970	2405	14	25	165	290	1	0	2229	2798	5027	2150	2720	4870	96.5	97.2	96.9
15	OSZS Finfinne	31	33	848	916	50	38	104	84	2	0	1035	1071	2106	1004	1038	2042	97.0	96.9	97.0
16	South West Shoa	75	66	1275	1669	39	34	136	116	1	1	1526	1886	3412	1451	1820	3271	95.1	96.5	95.9
17	West Arsi	1038	266	2411	1848	60	43	309	194	1	1	3819	2352	6171	2781	2086	4867	72.8	88.7	78.9
18	West Gujii	876	162	2194	945	18	15	43	27	3	0	3134	1149	4283	2258	987	3245	72.0	85.9	75.8
19	West Hararge	976	630	3307	2368	29	13	170	131	0	1	4482	3143	7625	3506	2513	6019	78.2	80.0	78.9
20	West Shoa	329	302	2290	2843	87	76	438	516	11	6	3155	3743	6898	2826	3441	6267	89.6	91.9	90.9
21	West Wollega	468	251	2536	2276	199	167	513	571	9	2	3725	3267	6992	3257	3016	6273	87.4	92.3	89.7
22	Adama Admin Town	17	24	379	439	60	52	185	189	2	0	643	704	1347	626	680	1306	97.4	96.6	97.0
23	Ambo Admin Town	3	7	51	107	8	6	30	80	2	2	94	202	296	91	195	286	96.8	96.5	96.6
24	Assela Admin Town	12	14	82	107	10	5	26	18	0	0	130	144	274	118	130	248	90.8	90.3	90.5
25	Batu Admin Town	5	13	63	97	5	1	23	18	0	0	96	129	225	91	116	207	94.8	89.9	92.0
26	Bishan Gurracha Admin Town	1	1	10	13	0	0	10	12	0	0	21	26	47	20	25	45	95.2	96.2	95.7
27	Bishoftu Admin Town	22	50	159	253	23	45	85	97	1	1	290	446	736	268	396	664	92.4	88.8	90.2
28	Burayu Admin Town	27	12	159	164	40	38	143	117	5	0	374	331	705	347	319	666	92.8	96.4	94.5
29	Dukem Admin Town	11	10	53	118	3	10	16	24	0	0	83	162	245	72	152	224	86.7	93.8	91.4
30	Gelan Admin Town	0	2	24	49	2	2	30	26	1	0	57	79	136	57	77	134	100.0	97.5	98.5
31	Holota Admin Town	5	10	49	111	1	1	5	36	0	0	60	158	218	55	148	203	91.7	93.7	93.1
32	Jima Admin Town	5	21	163	265	19	10	87	127	2	0	276	423	699	271	402	673	98.2	95.0	96.3
33	L/Tafo L/Dadhi Admin Town	5	4	64	61	11	6	34	47	1	2	115	120	235	110	116	226	95.7	96.7	96.2
34	Modjo Admin Town	1	5	37	103	5	3	10	18	1	0	54	129	183	53	124	177	98.1	96.1	96.7
35	Nekemte Admin Town	8	11	101	135	7	8	45	95	2	2	163	251	414	155	240	395	95.1	95.6	95.4
36	Robe Admin Town	5	6	69	129	2	18	28	48	1	0	105	201	306	100	195	295	95.2	97.0	96.4
37	Sebeta Admin Town	21	34	205	312	63	46	104	95	1	0	394	487	881	373	453	826	94.7	93.0	93.8
38	Shashemenne Admin Town	67	102	185	219	11	10	47	44	0	3	310	378	688	243	276	519	78.4	73.0	75.4
39	Sululta Admin Town	6	7	79	108	15	8	35	29	2	0	137	152	289	131	145	276	95.6	95.4	95.5
40	Woliso Admin Town	2	10	43	123	2	0	15	21	0	0	62	154	216	60	144	204	96.8	93.5	94.4
Oromia		9768	5684	44883	41538	1488	1427	5590	6206	87	26	61816	54881	116697	52048	49197	101245	84.2	89.6	86.8

Table 2.2. 2 Primary (grade 7-8) Teachers by Highest Education Level

Primary (Grade 7-8) Teachers by Highest Education Level, 2013 (2020/21 G.C)																				
SN	Zones/Administrative Towns	Belew Diploma		Diploma		Applied		BA or BSc or BEd		MA MSc MEd & above		Total			Qualified (Degree and Above)			% of Qualified Teachers		
		M	F	M	F	M	F	M	F	M	F	M	F	T	M	F	T	M	F	T
1	Arsi	162	31	2682	751	110	43	1089	326	6	1	4049	1152	5201	1205	370	1575	29.8	32.1	30.3
2	Bale	40	12	985	335	80	74	271	173	4	2	1380	596	1976	355	249	604	25.7	41.8	30.6
3	Borena	17	1	467	107	16	4	57	22	1	0	558	134	692	74	26	100	13.3	19.4	14.5
4	Buno Beddele	4	0	554	186	34	22	236	135	2	3	830	346	1176	272	160	432	32.8	46.2	36.7
5	East Bale	34	6	667	213	26	26	100	61	0	0	827	306	1133	126	87	213	15.2	28.4	18.8
6	East Hararge	155	12	2755	535	91	22	369	91	4	1	3374	661	4035	464	114	578	13.8	17.2	14.3
7	East Shoa	34	8	838	350	132	73	333	131	1	0	1338	562	1900	466	204	670	34.8	36.3	35.3
8	East Wollega	33	17	875	280	135	64	550	218	16	3	1609	582	2191	701	285	986	43.6	49.0	45.0
9	Guji	43	15	1730	358	24	9	105	53	0	0	1902	435	2337	129	62	191	6.8	14.3	8.2
10	Horo Guduru Wollega	8	0	423	160	100	49	420	178	7	0	958	387	1345	527	227	754	55.0	58.7	56.1
11	Ilu Aba Bora	15	3	746	300	48	36	270	167	1	2	1080	508	1588	319	205	524	29.5	40.4	33.0
12	Jima	162	62	2854	1216	59	77	293	202	7	1	3375	1558	4933	359	280	639	10.6	18.0	13.0
13	Kellem Wollega	36	5	936	303	33	6	210	87	4	0	1219	401	1620	247	93	340	20.3	23.2	21.0
14	North Shoa	14	4	1234	492	30	14	296	176	3	0	1577	686	2263	329	190	519	20.9	27.7	22.9
15	OSZS Finfinne	6	0	600	208	60	16	138	61	1	0	805	285	1090	199	77	276	24.7	27.0	25.3
16	South West Shoa	9	5	893	298	68	27	257	106	1	0	1228	436	1664	326	133	459	26.5	30.5	27.6
17	West Arsi	180	26	1911	393	93	42	549	135	2	0	2735	596	3331	644	177	821	23.5	29.7	24.6
18	West Gujji	65	2	1217	205	20	7	37	11	0	0	1339	225	1564	57	18	75	4.3	8.0	4.8
19	West Hararge	63	16	1468	408	41	14	246	108	1	0	1819	546	2365	288	122	410	15.8	22.3	17.3
20	West Shoa	54	11	1693	482	145	51	729	290	24	11	2645	845	3490	898	352	1250	34.0	41.7	35.8
21	West Wollega	87	8	1301	285	144	53	511	202	9	0	2052	548	2600	664	255	919	32.4	46.5	35.3
22	Adama Admin Town	1	4	147	108	26	21	138	145	1	1	313	279	592	165	167	332	52.7	59.9	56.1
23	Ambo Admin Town	1	1	29	29	2	6	31	63	2	3	65	102	167	35	72	107	53.8	70.6	64.1
24	Assela Admin Town	0	4	72	112	6	4	21	52	0	0	99	172	271	27	56	83	27.3	32.6	30.6
25	Batu Admin Town	1	1	59	49	3	0	62	27	0	0	125	77	202	65	27	92	52.0	35.1	45.5
26	Bishan Gurracha Admin Town	0	0	4	5	0	0	2	1	0	0	6	6	12	2	1	3	33.3	16.7	25.0
27	Bishoftu Admin Town	4	2	77	57	23	7	94	67	1	0	199	133	332	118	74	192	59.3	55.6	57.8
28	Burayu Admin Town	5	1	30	13	22	12	56	44	1	0	114	70	184	79	56	135	69.3	80.0	73.4
29	Dukem Admin Town	2	1	30	19	7	6	26	16	0	0	65	42	107	33	22	55	50.8	52.4	51.4
30	Gelan Admin Town	0	0	11	6	7	1	17	11	0	0	35	18	53	24	12	36	68.6	66.7	67.9
31	Holota Admin Town	0	0	32	29	4	2	29	26	1	1	66	58	124	34	29	63	51.5	50.0	50.8
32	Jima Admin Town	1	1	60	75	5	4	53	65	5	2	124	147	271	63	71	134	50.8	48.3	49.4
33	L/Tafo L/Dadhi Admin Town	1	0	24	7	3	1	25	14	2	1	55	23	78	30	16	46	54.5	69.6	59.0
34	Modjo Admin Town	0	0	28	34	11	2	29	26	0	0	68	62	130	40	28	68	58.8	45.2	52.3
35	Nekemte Admin Town	0	0	39	36	4	5	32	58	6	7	81	106	187	42	70	112	51.9	66.0	59.9
36	Robe Admin Town	0	0	36	17	6	3	28	40	0	0	70	60	130	34	43	77	48.6	71.7	59.2
37	Sebeta Admin Town	3	3	70	52	28	17	81	44	3	0	185	116	301	112	61	173	60.5	52.6	57.5
38	Shashemenne Admin Town	16	6	142	65	16	7	57	33	0	2	231	113	344	73	42	115	31.6	37.2	33.4
39	Sululta Admin Town	0	0	25	17	11	5	21	8	0	0	57	30	87	32	13	45	56.1	43.3	51.7
40	Woliso Admin Town	0	0	27	23	0	1	16	26	0	0	43	50	93	16	27	43	37.2	54.0	46.2
Oromia		1256	268	27771	8618	1673	833	7884	3699	116	41	38700	13459	52159	9673	4573	14246	25	34	27

Table 2.2. 3 Primary Schools (grade 1-8) Teachers by Highest Education level

Primary Schools (1-8) Teachers by Highest Education Level, 2013 (2020/21 G.C)																				
SN	Zones/Administrative Towns	Below Diploma		Diploma		Applied		BA or BSc or BEd		MA MSc MEd & above		Qualified (Dipolma and Above)			Total			% OF Qualified (Dip & Above)		
		M	F	M	F	M	F	M	F	M	F	M	F	T	M	F	T	M	F	T
1	Arsi	956	504	6082	3893	177	104	1638	744	11	3	8864	5248	14112	7908	4744	12652	89.2	90.4	89.7
2	Bale	372	236	2459	1851	127	178	394	421	6	2	3358	2688	6046	2986	2452	5438	88.9	91.2	89.9
3	Borena	452	131	1746	747	36	17	103	46	1	0	2338	941	3279	1886	810	2696	80.7	86.1	82.2
4	Buno Beddele	65	37	1749	1305	76	62	424	387	3	4	2317	1795	4112	2252	1758	4010	97.2	97.9	97.5
5	East Bale	274	196	1658	1137	47	47	143	132	0	0	2122	1512	3634	1848	1316	3164	87.1	87.0	87.1
6	East Hararge	1553	599	7652	3114	158	63	578	254	5	1	9946	4031	13977	8393	3432	11825	84.4	85.1	84.6
7	East Shoa	258	185	2438	1912	234	171	571	342	4	0	3505	2610	6115	3247	2425	5672	92.6	92.9	92.8
8	East Wollega	367	269	2618	2372	246	152	974	709	27	4	4232	3506	7738	3865	3237	7102	91.3	92.3	91.8
9	Guji	445	155	4392	1935	52	22	182	113	3	0	5074	2225	7299	4629	2070	6699	91.2	93.0	91.8
10	Horo Guduru Wollega	61	38	1313	1270	202	148	719	569	14	1	2309	2026	4335	2248	1988	4236	97.4	98.1	97.7
11	Ilu Aba Bora	89	33	2066	1729	76	91	467	530	1	2	2699	2385	5084	2610	2352	4962	96.7	98.6	97.6
12	Jima	1340	1266	6078	5246	103	160	500	454	9	1	8030	7127	15157	6690	5861	12551	83.3	82.2	82.8
13	Kellem Wollega	184	76	2338	1938	59	37	364	279	7	0	2952	2330	5282	2768	2254	5022	93.8	96.7	95.1
14	North Shoa	93	82	3204	2897	44	39	461	466	4	0	3806	3484	7290	3713	3402	7115	97.6	97.6	97.6
15	OSZS Finfinne	37	33	1448	1124	110	54	242	145	3	0	1840	1356	3196	1803	1323	3126	98.0	97.6	97.8
16	South West Shoa	84	71	2168	1967	107	61	393	222	2	1	2754	2322	5076	2670	2251	4921	96.9	96.9	96.9
17	West Arsi	1218	292	4322	2241	153	85	858	329	3	1	6554	2948	9502	5336	2656	7992	81.4	90.1	84.1
18	West Guji	941	164	3411	1150	38	22	80	38	3	0	4473	1374	5847	3532	1210	4742	79.0	88.1	81.1
19	West Hararge	1039	646	4775	2776	70	27	416	239	1	1	6301	3689	9990	5262	3043	8305	83.5	82.5	83.1
20	West Shoa	383	313	3983	3325	232	127	1167	806	35	17	5800	4588	10388	5417	4275	9692	93.4	93.2	93.3
21	West Wollega	554	259	3838	2561	343	220	1024	773	18	2	5777	3815	9522	5223	3556	8779	90.4	93.2	91.5
22	Adama Admin Town	17	26	527	549	86	73	323	334	3	1	956	983	1939	939	957	1896	98.2	97.4	97.8
23	Ambo Admin Town	3	8	81	136	10	12	61	143	4	5	159	304	463	156	296	452	98.1	97.4	97.6
24	Assela Admin Town	12	18	154	219	16	9	47	70	0	0	229	316	545	217	298	515	94.8	94.3	94.5
25	Batu Admin Town	6	14	122	146	8	1	85	45	0	0	221	206	427	215	192	407	97.3	93.2	95.3
26	Bishan Gurracha Admin Town	1	1	14	18	0	0	12	13	0	0	27	32	59	26	31	57	96.3	96.9	96.6
27	Bishoftu Admin Town	26	52	236	310	46	52	179	164	2	1	489	579	1068	463	527	990	94.7	91.0	92.7
28	Burayu Admin Town	31	13	190	177	62	50	199	161	6	0	488	401	889	457	388	845	93.6	96.8	95.1
29	Dukem Admin Town	13	11	83	137	10	16	42	40	0	0	148	204	352	135	193	328	91.2	94.6	93.2
30	Gelan Admin Town	0	2	35	55	9	3	47	37	1	0	92	97	189	92	95	187	100.0	97.9	98.9
31	Holota Admin Town	5	10	81	140	5	3	34	62	1	1	126	216	342	121	206	327	96.0	95.4	95.6
32	Jima Admin Town	6	22	223	340	24	14	140	192	7	2	400	570	970	394	548	942	98.5	96.1	97.1
33	L/Tafo L/Dadhi Admin Town	6	4	88	68	14	7	59	61	3	3	170	143	313	164	139	303	96.5	97.2	96.8
34	Modjo Admin Town	1	5	65	137	16	5	39	44	1	0	122	191	313	121	186	307	99.2	97.4	98.1
35	Nekemte Admin Town	8	11	140	171	11	13	77	153	8	9	244	357	601	236	346	582	96.7	96.9	96.8
36	Robe Admin Town	5	6	105	146	8	21	56	88	1	0	175	261	436	170	255	425	97.1	97.7	97.5
37	Sebeta Admin Town	24	37	275	364	91	63	185	139	4	0	579	603	1182	555	566	1121	95.9	93.9	94.8
38	Shashemenne Admin Town	83	108	327	284	27	17	104	77	0	5	541	491	1032	458	383	841	84.7	78.0	81.5
39	Sululta Admin Town	6	7	104	125	26	13	56	37	2	0	194	182	376	188	175	363	96.9	96.2	96.5
40	Woliso Admin Town	2	10	70	146	2	1	31	47	0	0	105	204	309	103	194	297	98.1	95.1	96.1
Oromia		11020	5950	72658	50158	3161	2260	13474	9905	203	67	100516	68340	168856	89496	62390	151886	89.0	91.3	90.0

Table 2.2. 4 Primary School (1-8) Teachers by Rank

Primary Schools (1-8) Teachers by Rank, 2013 (2020/21 G.C)																				
SN	Zones/Administrative Towns	Beginner teacher		Junior Teacher		Teacher		Senior teacher		Associate Teacher		Lead Teacher		Senior Lead Teacher		No Rank		Total		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T
1	Arsi	1087	555	1755	1264	687	589	949	579	1258	771	1401	729	1023	458	704	303	8864	5248	14112
2	Bale	744	430	737	555	337	410	407	320	395	329	264	296	206	243	268	105	3358	2688	6046
3	Borena	740	237	554	237	241	135	206	97	142	61	35	35	33	22	387	117	2338	941	3279
4	Buno Beddele	452	305	650	476	238	289	300	203	287	209	123	147	223	141	44	25	2317	1795	4112
5	East Bale	491	284	664	467	241	244	193	131	148	108	131	103	104	89	150	86	2122	1512	3634
6	East Hararge	2681	926	2322	1063	833	506	1053	294	1046	295	877	315	432	341	702	291	9946	4031	13977
7	East Shoa	546	325	838	715	462	384	452	271	405	310	279	208	172	130	351	267	3505	2610	6115
8	East Wollega	740	494	961	917	394	484	542	427	535	481	533	367	306	195	221	141	4232	3506	7738
9	Guji	1475	578	1530	749	534	341	592	189	345	119	125	55	134	72	339	122	5074	2225	7299
10	Horo Guduru Wollega	286	222	405	401	241	316	321	263	379	282	255	263	305	218	117	61	2309	2026	4335
11	Ilu Aba Bora	550	439	546	472	322	343	431	283	321	348	177	247	258	199	94	54	2699	2385	5084
12	Jima	2214	1775	1748	1759	771	988	837	592	785	467	338	322	344	305	993	919	8030	7127	15157
13	Kellem Wollega	533	407	748	731	405	545	341	245	418	155	218	122	151	72	138	53	2952	2330	5282
14	North Shoa	400	214	941	863	600	679	488	493	780	544	290	265	244	359	63	67	3806	3484	7290
15	OSZS Finfinne	505	286	437	350	180	176	234	134	211	146	90	86	72	95	111	83	1840	1356	3196
16	South West Shoa	532	309	659	701	318	384	307	259	435	292	227	184	162	120	114	73	2754	2322	5076
17	West Arsi	944	420	969	556	611	364	1003	464	885	367	721	318	476	246	945	213	6554	2948	9502
18	West Gujii	1250	267	1526	472	324	223	284	106	230	84	89	48	51	23	719	151	4473	1374	5847
19	West Hararge	1977	931	1419	909	492	351	594	277	644	340	343	211	265	279	567	391	6301	3689	9990
20	West Shoa	991	633	1564	1308	583	619	693	513	877	640	500	406	331	299	261	170	5800	4588	10388
21	West Wollega	1010	621	1234	1028	540	534	954	487	891	432	405	301	382	272	361	140	5777	3815	9592
22	Adama Admin Town	120	94	150	134	140	93	90	74	30	62	36	61	84	179	306	286	956	983	1939
23	Ambo Admin Town	26	13	19	18	22	28	5	27	9	29	7	30	36	130	35	29	159	304	463
24	Assela Admin Town	10	14	23	30	17	33	12	14	13	28	14	43	27	75	113	79	229	316	545
25	Batu Admin Town	4	2	18	15	11	13	18	11	18	19	13	15	21	37	118	94	221	206	427
26	Bishan Gurracha Admin Town			2	2	3	3		3	3	7	2	5	2	2	15	10	27	32	59
27	Bishoftu Admin Town	13	8	61	31	59	39	33	42	22	43	16	40	83	157	202	219	489	579	1068
28	Burayu Admin Town	10	7	35	19	25	19	9	15	5	21	7	15	12	69	385	236	488	401	889
29	Dukem Admin Town	14	22	52	39	19	19	11	38	17	37	9	19	24	25	2	5	148	204	352
30	Gelan Admin Town	16	8	23	10	11	10	9	5	3	13	5	9	2	9	23	33	92	97	189
31	Holota Admin Town	9	5	19	21	5	7	4	18	5	18	6	26	19	76	59	45	126	216	342
32	Jima Admin Town	17	26	24	32	23	74	26	68	16	53	45	110	23	61	226	146	400	570	970
33	L/Tafo L/Dadhi Admin Town	16	15	34	19	55	38	15	12	4	9	4	9	13	25	29	16	170	143	313
34	Modjo Admin Town			8	11	11	12	8	11	13	41	13	27	16	36	53	53	122	191	313
35	Nekemte Admin Town	1		7	9	10	23	5	22	1	28	6	54	40	115	174	106	244	357	601
36	Robe Admin Town	1	4	16	17	1	8	3	18	16	39	12	36	34	75	92	64	175	261	436
37	Sebeta Admin Town	14	10	24	17	25	28	15	23	6	21	16	32	50	109	429	363	579	603	1182
38	Shashemenne Admin Town	12	18	35	23	22	34	16	37	29	43	25	40	51	66	351	230	541	491	1032
39	Sululta Admin Town		1	18	18	17	20	11	18	12	13	1	11	14	22	121	79	194	182	376
40	Woliso Admin Town	4	7	5	14	2	1	1	20	11	18	9	21	31	76	42	47	105	204	309
Oromia		20435	10912	22780	16472	9832	9406	11472	7103	11650	7322	7667	5631	6256	5522	10424	5972	100516	68340	168856

Table 2.2. 5 Primary School Teachers by specialization

Primary School by Specialization, 2013 (2020/21 G.C)																											
SN	Zones/Administrative Towns	Mathematics		Chemistry		Physics		Biology		Geography		History		Afan Oromo		Social Science		Natural Science		English		Amharic		Civics		Sports	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	Arsi	906	234	330	104	365	85	288	210	208	91	81	36	476	473	1138	879	1473	906	441	160	126	131	274	187	181	105
2	Bale	238	85	102	75	123	34	139	151	64	51	29	24	136	233	384	374	733	505	164	40	20	78	98	167	104	100
3	Borena	104	23	41	9	47	10	52	26	18	5	4	2	68	39	317	170	540	179	61	13	13	10	33	24	34	23
4	Buno Beddele	199	82	65	48	69	36	138	107	75	43	25	16	160	212	229	231	460	312	125	60	27	56	86	118	102	87
5	East Bale	130	27	55	29	44	24	46	60	30	17	11	7	73	92	307	258	516	314	73	21	10	15	55	81	68	46
6	East Hararge	634	87	323	66	289	60	462	183	170	68	80	34	366	262	1507	687	2104	687	308	102	30	62	263	151	130	73
7	East Shoa	379	110	158	80	158	72	157	150	73	41	37	31	168	201	399	373	673	444	190	77	53	79	129	105	90	99
8	East Wollega	372	166	182	93	179	104	224	212	118	63	44	33	281	415	388	353	741	562	258	118	75	66	187	202	102	117
9	Gujji	297	89	129	38	118	35	175	80	72	53	47	36	194	116	652	372	1245	425	235	68	38	36	95	65	99	58
10	Horo Guduru Wollega	240	112	121	68	124	56	125	144	80	85	38	19	218	306	194	232	365	314	157	70	33	29	84	119	66	47
11	Ilu Aba Bora	241	126	134	78	105	55	145	189	80	87	28	26	147	261	295	303	537	439	147	69	28	49	81	126	97	112
12	Jima	568	310	326	232	255	142	302	359	200	142	66	66	391	543	875	922	1623	1241	385	216	65	96	257	335	240	188
13	Kellem Wollega	249	103	109	47	98	46	113	90	66	56	36	28	123	178	387	365	754	616	148	65	38	20	70	103	55	58
14	North Shoa	282	127	111	61	139	54	143	119	99	90	38	26	131	183	483	561	874	766	116	90	56	222	145	110	164	127
15	OSZS Finfinne	282	103	112	62	124	39	104	112	53	38	30	30	172	184	137	135	212	160	212	74	24	40	78	73	79	64
16	South West Shoa	258	92	122	45	104	47	117	107	51	46	35	16	146	193	318	360	590	481	133	62	16	33	94	100	97	64
17	West Arsi	587	116	221	79	209	41	256	138	124	52	60	25	385	257	802	501	921	508	315	85	46	58	165	107	199	89
18	West Gujji	120	19	52	15	38	13	63	33	37	11	9	2	76	45	767	285	1041	326	91	20	11	6	46	19	92	39
19	West Hararge	303	73	141	40	121	36	170	125	52	26	30	17	207	182	822	587	1323	600	225	84	29	43	127	109	99	63
20	West Shoa	595	218	270	129	216	120	309	247	171	120	46	38	352	511	529	511	1148	808	309	165	35	55	246	213	191	164
21	West Wollega	475	211	213	93	228	83	216	200	167	117	75	34	262	363	516	504	1257	822	386	118	64	54	186	246	145	88
22	Adama Admin Town	111	65	53	40	37	26	47	63	29	25	6	10	49	75	69	91	104	98	126	84	58	116	26	33	20	10
23	Ambo Admin Town	21	26	7	13	7	10	7	25	5	4	1	2	16	65	10	28	14	24	22	23	4	14		13	7	12
24	Assela Admin Town	35	19	8	15	11	7	16	21	10	5	12	16	8	31	11	21	23	25	29	27	15	29	9	14	5	13
25	Batu Admin Town	28	12	9	5	12	2	11	17	4	2	6		12	15	15	21	10	24	34	12	7	14	8	3	5	7
26	Bishan Gurracha Admin Town	1	3	3		1		1			1			1	1	5	4	3	4	4	1	2	1		2	1	1
27	Bishoftu Admin Town	55	30	28	22	24	12	29	41	20	20	8	11	17	51	24	44	43	36	61	36	23	49	11	21	17	13
28	Burayu Admin Town	44	34	30	15	27	14	32	34	18	13	7	2	32	55	20	27	44	41	66	33	25	33	11	13	15	5
29	Dukem Admin Town	18	19	12	16	5	6	10	16	9	12	2	2	6	14	9	20	25	35	18	11	6	6	2	6	2	5
30	Gelan Admin Town	10	4	3	5	6	1	8	8	2	4	2		3	12	1	5	7	8	9	6	3	10	9	7	5	8
31	Holota Admin Town	10	15	7	3	6	4	5	14	3	8	2	1	4	22	11	24	12	25	16	14	4	12	3	2	3	5
32	Jima Admin Town	48	26	25	19	16	23	35	35	25	37	10	12	22	85	11	37	42	78	53	51	30	65	16	12	9	6
33	L/Tafo L/Dadhi Admin Town	19	7	14	7	11	6	16	17	11	7	3	1	4	10	9	10	15	8	20	12	8	14	6	5	6	6
34	Modjo Admin Town	15	19	7	6	6	5	9	13	6	4	3	2	2	10	11	19	6	22	26	10	6	16	2	9	3	5
35	Nekemte Admin Town	29	23	7	6	9	4	16	15	4	5	4	1	15	74	16	40	33	35	30	21	7	30	3	7	13	9
36	Robe Admin Town	16	11	4	15	10	7	8	11	3	1	2	2	9	27	16	23	22	30	24	22	9	10	13	23	3	15
37	Sebeta Admin Town	68	48	40	33	25	23	71	54	23	14	6	10	49	64	27	36	20	27	78	68	24	55	27	35	25	15
38	Shashemene Admin Town	50	27	15	7	20	9	24	19	11	8	11	6	20	33	48	48	75	61	58	27	25	25	15	13	4	5
39	Sululta Admin Town	16	7	14	8	14	6	16	24	9	11	3	2	12	12	11	15	26	24	23	13	7	11	10	4	3	5
40	Woliso Admin Town	11	8	6	2	4	7	4	7	5	5	2	3	2	20	10	33	20	31	8	14	5	11	1	1	4	4
Oromia		8064	2916	3609	1728	3404	1364	4109	3476	2205	1488	939	629	4815	5925	11780	9509	19674	###	5184	2262	1105	1759	2971	2983	2584	1960

Table 2.2. 6 Primary School Teachers by specialization

Primary School Teachers by Specialization, 2013 (2020/21 G.C)																											
SN	Zones/Administrative Towns	Language		Language & Civics		Special needs		Maths Basic Science & Civi		EDPM		Sign Language		Art		Music		Esthetics		General		Other		Not reported		Total	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
1	Arsi	697	546	28	32	50	44	342	187	164	27			95	59	18	33	214	204	599	371	8	5	362	139	14112	
2	Bale	311	225	31	25	19	22	80	88	32	12		1	16	15	15	16	123	113	213	171	23	17	161	66	6046	
3	Borena	317	159	9	6	27	10	36	15	13	3			23	20	1	3	47	27	231	66	21	14	281	85	3279	
4	Buno Beddele	218	163	13	10	18	10	88	48	29	3			41	43	3	9	62	54	50	22	15	7	20	18	4112	
5	East Bale	161	134	15	16	8	7	38	20	25	3			23	27	8	14	121	72	175	161	17	14	113	53	3634	
6	East Hararge	851	451	58	49	43	37	380	149	98	10			14	10	17	16	250	185	1098	385	16	3	455	214	13977	
7	East Shoa	244	234	11	8	13	25	41	32	47	10	1		47	66	11	25	47	70	145	137	99	63	135	78	6115	
8	East Wollega	313	280	12	21	15	16	34	43	83	10			84	121	11	26	82	135	277	212	67	54	103	84	7738	
9	Guji	652	293	86	47	24	13	172	69	34	6			74	36	4	2	116	56	204	131	19	7	293	94	7299	
10	Horo Guduru Wollega	158	166	4	16	23	11	14	17	55	13			50	58	4	8	38	50	66	48	47	32	5	6	4335	
11	Illu Aba Bora	302	224	15	19	11	10	50	70	32	9			36	16	1	7	68	62	87	33	16	8	16	7	5084	
12	Jima	554	477	51	64	60	50	241	302	88	21		1	52	63	8	16	80	72	470	426	3	3	870	840	15157	
13	Kellem Wollega	261	222	20	18	14	9	68	97	45	6			36	42	6	11	33	29	126	77	25	15	72	29	5282	
14	North Shoa	292	346	12	16	39	38	213	165	102	24			25	45	9	17	140	144	101	95	69	32	23	26	7290	
15	OSZS Finfinne	57	71	11	5	18	27	28	12	18	4			8	23	5	13	19	21	39	50	16	15	2	1	3196	
16	South West Shoa	225	242	11	15	42	57	102	124	58	6			52	54	1	17	37	42	75	72	48	32	22	15	5076	
17	West Arsi	361	257	22	11	31	22	182	88	89	5	3		36	17	6	14	197	129	766	215	103	37	468	97	9502	
18	West Gujii	605	206	22	7	49	23	158	27	19	1			10	9	9	6	202	94	361	56	6	4	589	108	5847	
19	West Hararge	778	456	35	29	62	26	227	95	66	8	1		30	24	12	17	212	188	819	539	23	12	388	309	9990	
20	West Shoa	421	402	8	19	40	38	95	54	120	20			24	34	11	31	148	239	333	327	74	34	109	91	10388	
21	West Wollega	582	321	13	12	19	24	77	41	127	10			38	38	5	9	115	123	382	184	47	33	182	87	9592	
22	Adama Admin Town	58	67	8	5	4	6	14	8	7	2		2	13	14	5	7	18	19	27	43	65	71	2	3	1939	
23	Ambo Admin Town	9	10	1	4	7	3	3	1	2	5			3	1			1	1	6	4	5	8	6		3	463
24	Assela Admin Town	11	34		1	1	2			2	1			1		1	4	8	10	11	17	1	2	1	2	545	
25	Batu Admin Town	12	25	2	3	2	3	12	10	6	1			3	5			12	7	4	12	6	5	1	1	427	
26	Bishan Gurracha Admin Town	1	4	1	2							1							3	1	1	2	3			59	
27	Bishoftu Admin Town	26	49	4	11	8	13	18	16	5	3	1					2	14	12	23	45	24	34	6	8	1068	
28	Burayu Admin Town	20	14	3	2	2	4	2	6	6	4			3	3	1	4	6	11	21	7	41	20	12	7	889	
29	Dukem Admin Town	8	21			1		2	2									1	11	7					2	5	352
30	Gelan Admin Town	3	3	1	2	1	1		2	4				1	1			2	3	1	5	11	2			189	
31	Holota Admin Town	8	23			2	1	10	17	6	8			1	1			4	5	5	8	4	2		2	342	
32	Jima Admin Town	27	43	1	4			3	1	7	5			3	2		2	1		10	20	6	3		4	970	
33	L/Tafo L/Dadhi Admin Town	5	8			4	2	2	1	1	4			3				1	2	2	7	2	4	12		1	313
34	Modjo Admin Town	8	25	1		1	2	2	8								1	1	2	2	5	5	7			1	313
35	Nekemte Admin Town	11	18	10	7	2	4	4	12	4	1			6	5	1	3	3	14	6	8	10	14	1	1	601	
36	Robe Admin Town	13	26	2	4	1	3	3	3	4	5				6		1	4	5	5	6	4	5			436	
37	Sebeta Admin Town	14	32	2	3	9	7	15	18	10	7	1		4	1	1		9	6	19	24	7	10	5	13	1182	
38	Shashemene Admin Town	18	28		4	3	8	4	4	6	4				2	1	1	5	9	76	84	43	37	9	22	1032	
39	Sululta Admin Town	10	19					3	1	1	1						1	3	6	6	6	6	5	1	1	376	
40	Woliso Admin Town	11	26	1	3	2	2	3	7	2	3			2	2		1		2	1	10		1	1	1	309	
Oromia		8633	6350	524	500	675	580	2766	1860	1417	266	6	5	857	863	175	339	2444	2232	6857	4093	1009	680	4710	2522	168856	

2.2.2. Primary Schools Principals, Vice Principals and CRC Supervisors

Table 2.2. 7 Primary School Principals

Primary Education School Principals by Highest Education Level and Percentage of Qualification 2013 (2020/21 G.C)																							
SN	Zone/Administrative Towns	Below Diploma			Diploma			First Degree			Above Degree			Total			Qualified (Degree & Above)			% Qualified			% of Female
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
1	Arsi	0	0	0	292	16	308	649	52	701	9	2	11	950	70	1020	658	54	712	69.3	77.1	69.8	6.9
2	Bale	4	1	5	132	23	155	305	23	328	15	1	16	456	48	504	320	24	344	70.2	50.0	68.3	9.5
3	Borana	4	0	4	191	30	221	161	15	176	5	0	5	361	45	406	166	15	181	46.0	33.3	44.6	11.1
4	Buno Beddelle	2	0	2	78	21	99	202	23	225	3	0	3	285	44	329	205	23	228	71.9	52.3	69.3	13.4
5	East Bale	0	1	1	100	38	138	149	10	159	1	0	1	250	49	299	150	10	160	60.0	20.4	53.5	16.4
6	East Hararge	8	2	10	1065	59	1124	261	20	281	7	0	7	1341	81	1422	268	20	288	20.0	24.7	20.3	5.7
7	East Shoa	4	2	6	184	53	237	310	54	364	7	0	7	505	109	614	317	54	371	62.8	49.5	60.4	17.8
8	East Wollega	8	0	8	102	5	107	439	36	475	19	0	19	568	41	609	458	36	494	80.6	87.8	81.1	6.7
9	Guji	5	1	6	467	21	488	256	20	276	6	1	7	734	43	777	262	21	283	35.7	48.8	36.4	5.5
10	Horo Guduru Wollega	7	0	7	36	0	36	239	11	250	11	0	11	293	11	304	250	11	261	85.3	100.0	85.9	3.6
11	llu Aba Bora	5	1	6	103	8	111	268	33	301	3	0	3	379	42	421	271	33	304	71.5	78.6	72.2	10.0
12	Jimma	2	1	3	805	62	867	331	21	352	2	0	2	1140	84	1224	333	21	354	29.2	25.0	28.9	6.9
13	Kellem Wollega	6	0	6	208	11	219	179	13	192	1	0	1	394	24	418	180	13	193	45.7	54.2	46.2	5.7
14	North Shoa	2	1	3	265	66	331	275	24	299	11	0	11	553	91	644	286	24	310	51.7	26.4	48.1	14.1
15	OSZS Finfinne	2	0	2	71	19	90	183	37	220	4	1	5	260	57	317	187	38	225	71.9	66.7	71.0	18.0
16	South West Shoa	2	2	4	84	15	99	289	11	300	0	1	1	375	29	404	289	12	301	77.1	41.4	74.5	7.2
17	West Arsi	8	1	9	131	33	164	488	30	518	5	0	5	632	64	696	493	30	523	78.0	46.9	75.1	9.2
18	West Guji	2	0	2	405	18	423	119	9	128	3	0	3	529	27	556	122	9	131	23.1	33.3	23.6	4.9
19	West Hararge	9	2	11	564	53	617	264	12	276	4	0	4	841	67	908	268	12	280	31.9	17.9	30.8	7.4
20	West Shoa	9	0	9	232	17	249	538	37	575	25	1	26	804	55	859	563	38	601	70.0	69.1	70.0	6.4
21	West Wollega	7	0	7	163	4	167	545	37	582	12	1	13	727	42	769	557	38	595	76.6	90.5	77.4	5.5
22	Adama Admin Town	3	1	4	5	9	14	73	12	85	12	0	12	93	22	115	85	12	97	91.4	54.5	84.3	19.1
23	Ambo Admin Town	1	1	2	3	0	3	11	2	13	3	0	3	18	3	21	14	2	16	77.8	66.7	76.2	14.3
24	Asalla Admin Town	1	0	1	8	4	12	12	1	13	1	0	1	22	5	27	13	1	14	59.1	20.0	51.9	18.5
25	Batu Admin Town	1	0	1	2	0	2	8	2	10	2	0	2	13	2	15	10	2	12	76.9	100.0	80.0	13.3
26	Bishan Gurracha Admin Town	0	0	0	0	0	0	3	0	3	1	1	2	4	1	5	4	1	5	100.0	100.0	100.0	20.0
27	Bishoftu Admin Town	4	1	5	5	2	7	38	13	51	7	1	8	54	17	71	45	14	59	83.3	82.4	83.1	23.9
28	Burrayyu Admin Town	1	3	4	8	6	14	55	3	58	10	2	12	74	14	88	65	5	70	87.8	35.7	79.5	15.9
29	Dukam Admin Town	0	0	0	2	0	2	9	2	11	2	0	2	13	2	15	11	2	13	84.6	100.0	86.7	13.3
30	Galan Admin Town	1	0	1	0	0	0	4	4	8	1	0	1	6	4	10	5	4	9	83.3	100.0	90.0	40.0
31	Holeta Admin Town	0	0	0	3	0	3	11	2	13	2	0	2	16	2	18	13	2	15	81.3	100.0	83.3	11.1
32	Jimma Admin Town	0	0	0	10	4	14	22	7	29	7	0	7	39	11	50	29	7	36	74.4	63.6	72.0	22.0
33	L/T/L/Dadhi Admin Town	0	2	2	1	1	2	18	1	19	4	0	4	23	4	27	22	1	23	95.7	25.0	85.2	14.8
34	Mojo Admin Town	0	0	0	0	0	0	6	2	8	2	0	2	8	2	10	8	2	10	100.0	100.0	100.0	20.0
35	Nekemte Admin Town	2	0	2	6	0	6	15	8	23	7	1	8	30	9	39	22	9	31	73.3	100.0	79.5	23.1
36	Robe Admin Town	0	0	0	0	0	0	20	1	21	1	0	1	21	1	22	21	1	22	100.0	100.0	100.0	4.5
37	Sabata Admin Town	3	2	5	14	4	18	41	10	51	12	0	12	70	16	86	53	10	63	75.7	62.5	73.3	18.6
38	Shashamane Admin Town	4	1	5	9	3	12	37	9	46	1	3	4	51	16	67	38	12	50	74.5	75.0	74.6	23.9
39	Sululta Admin Town	0	0	0	9	3	12	14	4	18	2	0	2	25	7	32	16	4	20	64.0	57.1	62.5	21.9
40	Woliso Admin Town	0	0	0	2	1	3	7	0	7	0	0	0	9	1	10	7	0	7	77.8	0.0	70.0	10.0
Oromia		117	26	143	5765	609	6374	6854	611	7465	230	16	246	12966	1262	14228	7084	627	7711	54.6	49.7	54.2	8.9

Table 2.2. 8 Primary School Vice Principals

Primary Education School Vice Principals by Higher Education Level and Percentage of Qualification 2013 (2020/21 G.C)																							
SN	Zone/Administrative Towns	Below Diploma			Diploma			First Degree			Above Degree			Total			Qualified (Degree & Above)			% Qualified			% of Female
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
1	Arsi	0	0	0	95	26	121	155	61	216	4	0	4	254	87	341	159	61	220	62.6	70.1	64.5	25.5
2	Bale	0	0	0	23	22	45	73	33	106	1	3	4	97	58	155	74	36	110	76.3	62.1	71.0	37.4
3	Borana	2	0	2	21	12	33	13	4	17	0	0	0	36	16	52	13	4	17	36.1	25.0	32.7	30.8
4	Buno Beddelle	1	0	1	22	2	24	37	11	48	0	0	0	60	13	73	37	11	48	61.7	84.6	65.8	17.8
5	East Bale	0	0	0	16	10	26	25	12	37	0	0	0	41	22	63	25	12	37	61.0	54.5	58.7	34.9
6	East Hararge	3	0	3	319	54	373	62	21	83	1	0	1	385	75	460	63	21	84	16.4	28.0	18.3	16.3
7	East Shoa	1	2	3	38	10	48	52	19	71	0	0	0	91	31	122	52	19	71	57.1	61.3	58.2	25.4
8	East Wollega	0	0	0	53	17	70	128	45	173	8	0	8	189	62	251	136	45	181	72.0	72.6	72.1	24.7
9	Guji	4	0	4	106	23	129	44	22	66	0	0	0	154	45	199	44	22	66	28.6	48.9	33.2	22.6
10	Horo Guduru Wollega	1	0	1	17	11	28	110	19	129	4	0	4	132	30	162	114	19	133	86.4	63.3	82.1	18.5
11	Ilu Aba Bora	1	1	2	27	4	31	61	12	73	0	0	0	89	17	106	61	12	73	68.5	70.6	68.9	16.0
12	Jimma	1	0	1	384	119	503	100	36	136	3	0	3	488	155	643	103	36	139	21.1	23.2	21.6	24.1
13	Kellem Wollega	3	0	3	78	16	94	62	26	88	0	0	0	143	42	185	62	26	88	43.4	61.9	47.6	22.7
14	North Shoa	0	0	0	54	17	71	56	19	75	2	0	2	112	36	148	58	19	77	51.8	52.8	52.0	24.3
15	OSZS Finfinne	1	0	1	7	13	20	23	9	32	2	0	2	33	22	55	25	9	34	75.8	40.9	61.8	40.0
16	South West Shoa	1	0	1	49	13	62	78	38	116	2	1	3	130	52	182	80	39	119	61.5	75.0	65.4	28.6
17	West Arsi	0	0	0	64	23	87	117	28	145	1	0	1	182	51	233	118	28	146	64.8	54.9	62.7	21.9
18	West Guji	0	0	0	87	21	108	15	13	28	0	0	0	102	34	136	15	13	28	14.7	38.2	20.6	25.0
19	West Hararge	4	2	6	159	37	196	56	31	87	1	1	2	220	71	291	57	32	89	25.9	45.1	30.6	24.4
20	West Shoa	0	0	0	151	40	191	175	53	228	5	0	5	331	93	424	180	53	233	54.4	57.0	55.0	21.9
21	West Wollega	1	0	1	73	13	86	144	40	184	3	1	4	221	54	275	147	41	188	66.5	75.9	68.4	19.6
22	Adama Admin Town	2	0	2	5	6	11	39	12	51	3	1	4	49	19	68	42	13	55	85.7	68.4	80.9	27.9
23	Ambo Admin Town	1	0	1	1	1	2	7	3	10	0	0	0	9	4	13	7	3	10	77.8	75.0	76.9	30.8
24	Asalla Admin Town	0	0	0	5	3	8	6	1	7	0	0	0	11	4	15	6	1	7	54.5	25.0	46.7	26.7
25	Batu Admin Town	0	0	0	0	1	1	7	3	10	2	0	2	9	4	13	9	3	12	100.0	75.0	92.3	30.8
26	Bishan Gurracha Admin Town	0	0	0	1	0	1	0	1	1	0	0	0	1	1	2	0	1	1	0.0	100.0	50.0	50.0
27	Bishoftu Admin Town	3	1	4	2	0	2	17	0	17	4	3	7	26	4	30	21	3	24	80.8	75.0	80.0	13.3
28	Burrayu Admin Town	1	0	1	2	1	3	10	3	13	2	0	2	15	4	19	12	3	15	80.0	75.0	78.9	21.1
29	Dukam Admin Town	0	0	0	2	0	2	4	2	6	1	0	1	7	2	9	5	2	7	71.4	100.0	77.8	22.2
30	Galan Admin Town	1	0	1	0	0	0	1	2	3	0	0	0	2	2	4	1	2	3	50.0	100.0	75.0	50.0
31	Holeta Admin Town	1	0	1	1	0	1	5	5	10	0	0	0	7	5	12	5	5	10	71.4	100.0	83.3	41.7
32	Jimma Admin Town	0	1	1	4	3	7	10	7	17	2	1	3	16	12	28	12	8	20	75.0	66.7	71.4	42.9
33	L/T/L/Dadhi Admin Town	1	0	1	2	0	2	8	1	9	0	0	0	11	1	12	8	1	9	72.7	100.0	75.0	8.3
34	Mojo Admin Town	0	0	0	1	0	1	5	4	9	2	0	2	8	4	12	7	4	11	87.5	100.0	91.7	33.3
35	Nekemte Admin Town	2	0	2	2	0	2	10	1	11	1	1	2	15	2	17	11	2	13	73.3	100.0	76.5	11.8
36	Robe Admin Town	0	0	0	0	0	0	12	3	15	0	0	0	12	3	15	12	3	15	100.0	100.0	100.0	20.0
37	Sabata Admin Town	4	1	5	7	1	8	20	7	27	5	1	6	36	10	46	25	8	33	69.4	80.0	71.7	21.7
38	Shashamane Admin Town	1	1	2	3	2	5	22	2	24	3	0	3	29	5	34	25	2	27	86.2	40.0	79.4	14.7
39	Sululta Admin Town	0	0	0	0	0	0	5	1	6	0	0	0	5	1	6	5	1	6	100.0	100.0	100.0	16.7
40	Woliso Admin Town	0	0	0	3	0	3	4	3	7	0	0	0	7	3	10	4	3	7	57.1	100.0	70.0	30.0
Oromia		41	9	50	1884	521	2405	1778	613	2391	62	13	75	3765	1156	4921	1840	626	2466	48.9	54.2	50.1	23.5

Table 2.2. 9 Primary School Cluster Resource Center Supervisors

Primary School Cluster Resource Center Supervisors by Higher Education Level and Percentage of Qualification 2013 (2020/21 G.C)																							
SN	Zone/Administrative Town	Below			Diploma			First Degree			Above			Total			Qualified			% Qualified			% of Female
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
1	Arsi	0	0	0	2	0	2	207	9	216	13	0	13	222	9	231	220	9	229	99.1	100	99.1	3.9
2	Bale	0	0	0	4	0	4	85	1	86	11	0	11	100	1	101	96	1	97	96	100	96	1
3	Borana	0	0	0	12	0	12	53	2	55	7	1	8	72	3	75	60	3	63	83.3	100	84	4
4	Buno Beddelle	0	0	0	1	0	1	48	1	49	3	0	3	52	1	53	51	1	52	98.1	100	98.1	1.9
5	East Bale	1	0	1	2	0	2	59	0	59	1	0	1	63	0	63	60	0	60	95.2		95.2	0
6	East Hararge	0	0	0	77	3	80	170	8	178	4	0	4	251	11	262	174	8	182	69.3	72.7	69.5	4.2
7	East Shoa	0	0	0	7	0	7	93	7	100	4	0	4	104	7	111	97	7	104	93.3	100	93.7	6.3
8	East Wollega	1	0	1	2	0	2	91	2	93	24	1	25	118	3	121	115	3	118	97.5	100	97.5	2.5
9	Guji	3	0	3	23	2	25	107	4	111	5	1	6	138	7	145	112	5	117	81.2	71.4	80.7	4.8
10	Horo Guduru Wollega	1	0	1	0	0	0	52	1	53	13	0	13	66	1	67	65	1	66	98.5	100	98.5	1.5
11	Ilu Aba Bora	0	0	0	4	0	4	66	2	68	7	1	8	77	3	80	73	3	76	94.8	100	95	3.8
12	Jimma	0	0	0	54	0	54	147	7	154	6	0	6	207	7	214	153	7	160	73.9	100	74.8	3.3
13	Kellem Wollega	0	0	0	9	0	9	77	1	78	4	0	4	90	1	91	81	1	82	90	100	90.1	1.1
14	North Shoa	1	0	1	7	0	7	113	3	116	3	0	3	124	3	127	116	3	119	93.5	100	93.7	2.4
15	OSZS Finfinne	0	0	0	3	0	3	53	0	53	2	0	2	58	0	58	55	0	55	94.8		94.8	0
16	South West Shoa	0	0	0	1	0	1	74	2	76	3	0	3	78	2	80	77	2	79	98.7	100	98.8	2.5
17	West Arsi	0	0	0	1	0	1	143	5	148	3	0	3	147	5	152	146	5	151	99.3	100	99.3	3.3
18	West Guji	0	0	0	44	2	46	58	2	60	2	0	2	104	4	108	60	2	62	57.7	50	57.4	3.7
19	West Hararge	0	0	0	44	1	45	115	6	121	10	0	10	169	7	176	125	6	131	74	85.7	74.4	4
20	West Shoa	0	0	0	1	2	3	145	4	149	18	0	18	164	6	170	163	4	167	99.4	66.7	98.2	3.5
21	West Wollega	0	0	0	2	0	2	154	3	157	13	0	13	169	3	172	167	3	170	98.8	100	98.8	1.7
22	Adama Admin Town	1	0	1	0	0	0	6	0	6	1	1	2	8	1	9	7	1	8	87.5	100	88.9	11.1
23	Ambo Admin Town	0	0	0	0	0	0	3	0	3	1	0	1	4	0	4	4	0	4	100		100	0
24	Asalla Admin Town	0	0	0	0	0	0	3	1	4	0	0	0	3	1	4	3	1	4	100	100	100	25
25	Batu Admin Town	0	0	0	0	0	0	1	0	1	0	0	0	1	0	1	1	0	1	100		100	0
26	Bishan Gurracha Admin Town	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	1	1		100	100	100
27	Bishoftu Admin Town	0	0	0	0	0	0	5	2	7	0	0	0	5	2	7	5	2	7	100	100	100	28.6
28	Burrayu Admin Town	0	0	0	0	0	0	1	5	6	3	0	3	4	5	9	4	5	9	100	100	100	55.6
29	Dukam Admin Town	0	0	0	0	0	0	3	0	3	0	0	0	3	0	3	3	0	3	100		100	0
30	Galan Admin Town	0	0	0	0	0	0	1	0	1	1	0	1	2	0	2	2	0	2	100		100	0
31	Holeta Admin Town	0	0	0	0	0	0	3	0	3	0	0	0	3	0	3	3	0	3	100		100	0
32	Jimma Admin Town	0	0	0	0	0	0	3	3	6	1	0	1	4	3	7	4	3	7	100	100	100	42.9
33	L/TL/Dadhi Admin Town	0	0	0	0	0	0	2	1	3	2	0	2	4	1	5	4	1	5	100	100	100	20
34	Mojo Admin Town	0	0	0	0	0	0	1	0	1	2	0	2	3	0	3	3	0	3	100		100	0
35	Nekemte Admin Town	0	0	0	0	0	0	1	2	3	1	1	2	2	3	5	2	3	5	100	100	100	60
36	Robe Admin Town	0	0	0	0	0	0	3	0	3	0	0	0	3	0	3	3	0	3	100		100	0
37	Sabata Admin Town	0	0	0	0	0	0	1	2	3	0	0	0	1	2	3	1	2	3	100	100	100	66.7
38	Shashamane Admin Town	0	0	0	0	0	0	4	1	5	0	0	0	4	1	5	4	1	5	100	100	100	20
39	Sululta Admin Town	0	0	0	0	0	0	3	1	4	0	0	0	3	1	4	3	1	4	100	100	100	25
40	Woliso Admin Town	0	0	0	0	0	0	2	0	2	0	0	0	2	0	2	2	0	2	100		100	0
Oromia		8	0	8	300	10	310	2156	89	2245	168	6	174	2632	105	2737	2324	95	2419	88.3	90.5	88.4	3.8

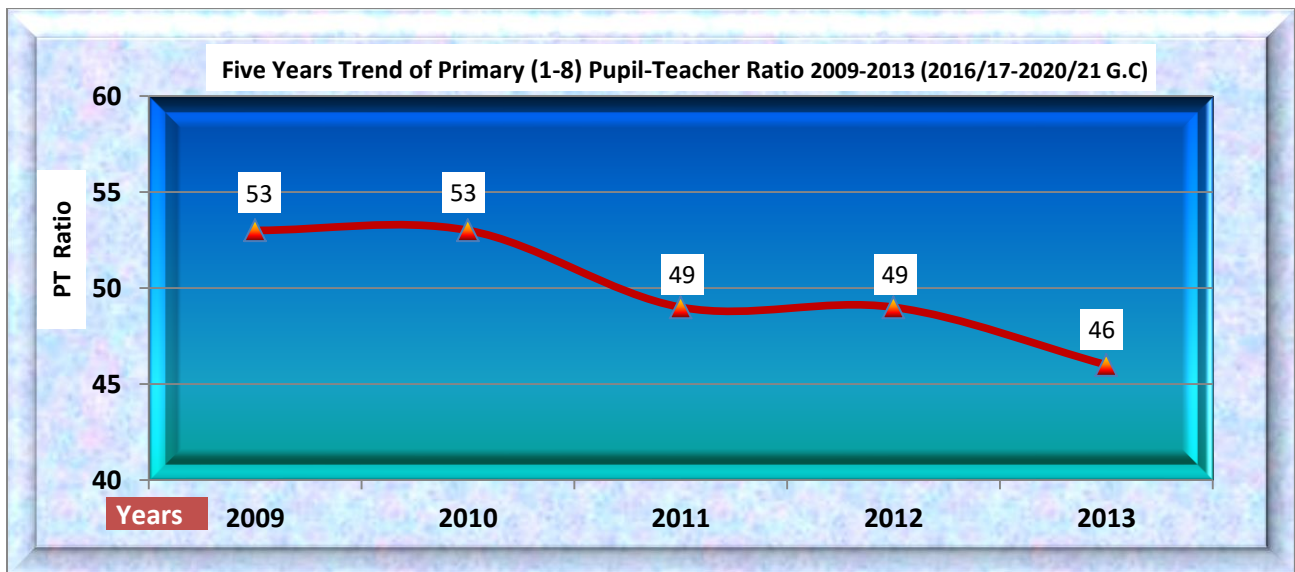
2.2.3. DIFFERENT RATIOS IN PRIMARY EDUCATION

I. Primary Education Pupils Teacher Ratio/PTR/

This is one of the most common indicators of quality education used in educational planning. It is believed that a lower number of pupils per teacher indicate that pupils might have better chance to contact their teachers within manageable class room. The standard set for pupil teacher ratio for primary education is 50:1. The 2013 E.C school census data reveal that the average PTR of 49:1 for regular enrollment. This implies that the region is achieving the standard. But when we disintegrate the analysis to subject, zone, administrative town, and schools more teachers are needed.

As shown in Graph 2.2.1 below, the PTR trend for the last five years indicates that it is improving to the extent it attains the standard at regional level.

Graph 2.2. 1 Five Years Trend of Primary (1-8) Pupils Teacher Ratio



As it is indicated in table 2.2.10 below; West Hararge, Guji and East Hararge zones are with the highest PTR of grade 1-8 having 63:1, 60:1 and 54:1 respectively in 2013 (2020/21 G.C.) when we compare with the Administrative Towns, Gelan, LegaTafu Lega Dadi and Burayu which are the lowest (20:1, 23:1 and 28:1) respectively. This achievement could be attained by increasing incentive schemes for teacher like; constructing more teachers' houses and improving the social infrastructure within Zones with higher Student to Teacher Ratios.

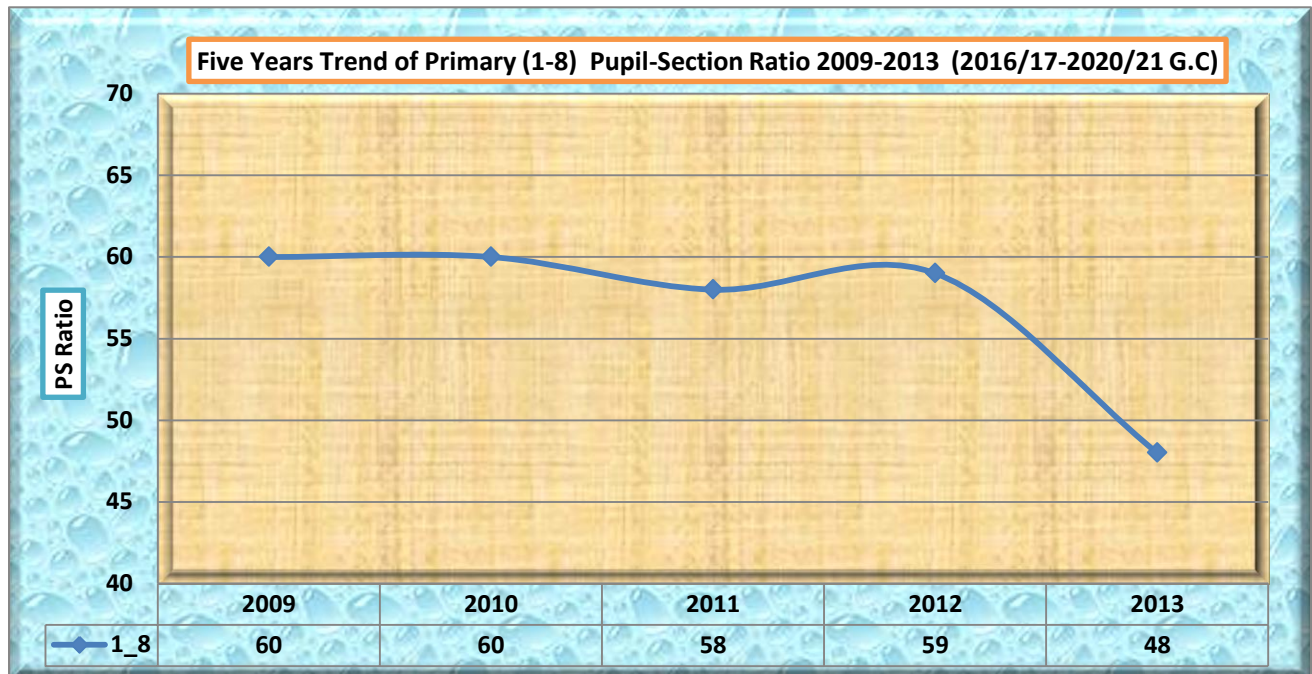
Table 2.2. 10 Primary Schools Student Teacher Ratio

Primary Schools Student Teacher Ratio in 2013 (2020/21 G.C.)										
SN	Zones/Administrative Towns	Number of Teachers by Cycle			Number of Students by Cycle (Regular)			Pupil:Teaches Ratio		
		(1-6)	(7-8)	(1-8)	(1-6)	(7-8)	(1-8)	(1-6)	(7-8)	(1-8)
1	Arsi	8911	5201	14112	550865	112195	663060	62	22	47
2	Bale	4070	1976	6046	243091	37053	280144	60	19	46
3	Borana	2587	692	3279	97615	12974	110589	38	19	34
4	Buno Beddelle	2936	1176	4112	145489	28540	174029	50	24	42
5	East Bale	2501	1133	3634	115840	15406	131246	46	14	36
6	East Hararge	9942	4035	13977	793739	88720	882459	80	22	63
7	East Shoa	4215	1900	6115	212311	39719	252030	50	21	41
8	East Wollegga	5547	2191	7738	271819	56653	328472	49	26	42
9	Guji	4962	2337	7299	340095	52579	392674	69	22	54
10	Horo Guduru Wollega	2990	1345	4335	132442	33001	165443	44	25	38
11	llu Aba Bora	3496	1588	5084	140134	30999	171133	40	20	34
12	Jimma	10224	4933	15157	650300	124381	774681	64	25	51
13	Kellem Wollegga	3662	1620	5282	166915	39778	206693	46	25	39
14	North Shoa	5027	2263	7290	179093	36815	215908	36	16	30
15	OSZS Finfinne	2106	1090	3196	102616	20925	123541	49	19	39
16	South West Shoa	3412	1664	5076	205256	32132	237388	60	19	47
17	West Arsi	6171	3331	9502	422405	65936	488341	68	20	51
18	West Guji	4283	1564	5847	277872	39306	317178	65	25	54
19	West Hararge	7625	2365	9990	567460	56642	624102	74	24	62
20	West Shoa	6898	3490	10388	456696	86330	543026	66	25	52
21	West Wollega	6992	2600	9592	275916	71580	347496	39	28	36
22	Adama Admin Town	1347	592	1939	49336	15355	64691	37	26	33
23	Ambo Admin Town	296	167	463	16049	4207	20256	54	25	44
24	Asalla Admin Town	274	271	545	10856	4270	15126	40	16	28
25	Batu Admin Town	225	202	427	12148	3500	15648	54	17	37
26	Bishan Gurracha Admin Town	47	12	59	2563	395	2958	55	33	50
27	Bishoftu Admin Town	736	332	1068	23873	7595	31468	32	23	29
28	Burrayyu Admin Town	705	184	889	21400	4340	25740	30	24	29
29	Dukam Admin Town	245	107	352	7869	2267	10136	32	21	29
30	Galan Admin Town	136	53	189	3005	686	3691	22	13	20
31	Holeta Admin Town	218	124	342	9635	2867	12502	44	23	37
32	Jimma Admin Town	699	271	970	30965	7970	38935	44	29	40
33	L/T/L/Dadhi Admin Town	235	78	313	5929	1262	7191	25	16	23
34	Mojo Admin Town	183	130	313	8060	2405	10465	44	19	33
35	Nekemte Admin Town	414	187	601	16980	4985	21965	41	27	37
36	Robe Admin Town	306	130	436	12957	3572	16529	42	27	38
37	Sabata Admin Town	881	301	1182	29924	6271	36195	34	21	31
38	Shashamanne Admin Town	688	344	1032	26510	8284	34794	39	24	34
39	Sululta Admin Town	289	87	376	9177	2011	11188	32	23	30
40	Woliso Admin Town	216	93	309	10183	2838	13021	47	31	42
Oromia		116697	52159	168856	6655388	1166744	7822132	57	22	46

II. Primary Education Pupil Section Ratio/PSR/

Pupil section ratio (PSR) is also one of the educational quality indicators that indicate average number of pupils per number of sections. It gives a rough estimation of class size, assesses the efficiency of resource utilization and it also used to assess the teaching- learning process. The standard set for pupil section ratio for primary education is 50:1. As it can be seen from graph 2.2.2 below the trend of PSR of the last five years in the region haven't yet attained the standard. Rather, the trend for last five years of PSR of primary school has revolving around 58:1, 59:1 and 60:1. But 34,000 addition class rooms were constructed by community participation to reduce the impact of COVID 19 in education that is why PSR falls down to 48:1 in 2013.

Graph 2.2. 2 Five Years Trend of Primary (1-8) Pupil-Section Ratio



As shown in table 2.2.10 below the PSR of 2013 (2020/21 G.C.) at zonal and administrative town level which East Hararge, West Hararge, and West Guji zones are with the highest PSR by having 71:1, 70:1 and 62:1 respectively. On the other hand, Administrative Towns such as LegaTafu Lega Dadhi, Dukem and Burrayu are with the lowest PSR by having 23:1, 24:1, 24:1 respectively.

Table 2.2. 11 Primary Schools Pupil Section Ratio

Primary Schools Pupil Section Ratios in 2013 (2020/21 G.C.)										
SN	Zones/Administrative Towns	Number of Sections			Number of Students (Regular)			Pupil:Section ratio		
		(1-6)	(7-8)	(1-8)	(1-6)	(7-8)	(1-8)	(1-6)	(7-8)	(1-8)
1	Arsi	13503	3262	16765	550865	112195	663060	41	34	40
2	Bale	4896	1122	6018	243091	37053	280144	50	33	47
3	Borana	2608	395	3003	97615	12974	110589	37	33	37
4	Buno Beddelle	2974	633	3607	145489	28540	174029	49	45	48
5	East Bale	2817	575	3392	115840	15406	131246	41	27	39
6	East Hararge	10579	1932	12511	793739	88720	882459	75	46	71
7	East Shoa	5098	1146	6244	212311	39719	252030	42	35	40
8	East Wollega	5119	1235	6354	271819	56653	328472	53	46	52
9	Guji	5642	1061	6703	340095	52579	392674	60	50	59
10	Horo Guduru Wollega	2811	739	3550	132442	33001	165443	47	45	47
11	Ilu Aba Bora	3192	750	3942	140134	30999	171133	44	41	43
12	Jimma	14670	3420	18090	650300	124381	774681	44	36	43
13	Kellem Wollega	3277	867	4144	166915	39778	206693	51	46	50
14	North Shoa	5252	1171	6423	179093	36815	215908	34	31	34
15	OSZS Finfinne	2490	583	3073	102616	20925	123541	41	36	40
16	South West Shoa	3815	842	4657	205256	32132	237388	54	38	51
17	West Arsi	7247	1454	8701	422405	65936	488341	58	45	56
18	West Guji	4339	792	5131	277872	39306	317178	64	50	62
19	West Hararge	7696	1219	8915	567460	56642	624102	74	46	70
20	West Shoa	9616	2231	11847	456696	86330	543026	47	39	46
21	West Wollega	5694	1522	7216	275916	71580	347496	48	47	48
22	Adama Admin Town	1792	526	2318	49336	15355	64691	28	29	28
23	Ambo Admin Town	442	117	559	16049	4207	20256	36	36	36
24	Asalla Admin Town	338	118	456	10856	4270	15126	32	36	33
25	Batu Admin Town	386	118	504	12148	3500	15648	31	30	31
26	Bishan Gurracha Admin Town	52	9	61	2563	395	2958	49	44	48
27	Bishoftu Admin Town	984	296	1280	23873	7595	31468	24	26	25
28	Burrayu Admin Town	891	188	1079	21400	4340	25740	24	23	24
29	Dukam Admin Town	314	100	414	7869	2267	10136	25	23	24
30	Galan Admin Town	113	30	143	3005	686	3691	27	23	26
31	Holeta Admin Town	328	100	428	9635	2867	12502	29	29	29
32	Jimma Admin Town	930	254	1184	30965	7970	38935	33	31	33
33	L/T/L/Dadhi Admin Town	271	46	317	5929	1262	7191	22	27	23
34	Mojo Admin Town	315	97	412	8060	2405	10465	26	25	25
35	Nekemte Admin Town	481	143	624	16980	4985	21965	35	35	35
36	Robe Admin Town	336	93	429	12957	3572	16529	39	38	39
37	Sabata Admin Town	1086	225	1311	29924	6271	36195	28	28	28
38	Shashamane Admin Town	811	229	1040	26510	8284	34794	33	36	33
39	Sululta Admin Town	285	71	356	9177	2011	11188	32	28	31
40	Woliso Admin Town	228	67	295	10183	2838	13021	45	42	44
Oromia		133718	29778	163496	6655388	1166744	7822132	50	39	48

2.2.4. Primary Schools Facilities

Research has found that school facilities can have a profound impact on both teacher and student outcomes. With respect to students, school facilities affect health, behavior, engagement, learning, and growth in achievement. Thus, researchers generally conclude that without adequate facilities and resources, it is extremely difficult to serve large numbers of children with complex needs. In this document, some school facilities availability and their status have been tried to be analyzed. Some of these school facilities include; toilet, water, electricity, laboratory, and others.

I. Primary Schools Toilet Availability

All schools are expected to have toilet for students and staffs. In reality and as shown in table 2.2.12 below, out of total of 15,086 primary schools in the region 14,273 of them (94.6%) have toilet. Still large numbers of schools 813 (5.4%) have no toilet for their students that may contribute for high dropout of students in the system especially girls. The condition of the toilets in 14,273 schools are categorized in to two: improved 5,711 (40.0%), and traditional 8,562 (60.0%).

Concerning ownership, out of total of 13,970 government owned primary schools of them 13,162 (94.2%), and 1,116 non-government organizations owned primary schools in the region 1,111 (99.6%) of them have toilet. In the same table, availability of toilet has also shown by zone and administrative towns. Accordingly, out of total of 19 administrative towns 19 (100%) of them reported that all primary schools have toilet. Among the 21 zones Kellem Wollega, West Wellega, Jimma and Ilu Ababora zones are the only three zones those reported as all primary schools have toilet. On the other hand, East Bale, East Hararge and Borena are the most three zones which have the least percentage of primary school's toilet availability by having 77.5%, 80.5%, and 87.2% respectively.

Table 2.2. 12 Government and Non-Government Primary School's Toilet availability

Primary Schools Toilet availability Information by Ownership 2013, (2020/21 G.C)																					
SN	Zones/Admin Towns	No of Schools			Toilet Available All Ownership		Toilet Available Government School		Toilet Available Non Government School		% Schools Having Toilet	% Schools with out Toilet	Traditional toilet	Improved Toilet	Percentage		Type of Improved Toilet				
		Gov	NGO	Total	Available	Not Available	Available	Not Available	Available	Not Available					Traditional	Improved	A Bio-gass toilet	A composting toilet	A flush toilet	A pour-flush toilet	Grand Total
1	Arsi	1068	35	1103	1059	44	1024	44	35	0	96.0	4.0	1036	23	97.8	2.2	1	5	10	7	23
2	Bale	511	21	532	497	35	476	35	21	0	93.4	6.6	269	228	54.1	45.9	0	0	5	223	228
3	Borena	413	24	437	381	56	358	55	23	1	87.2	12.8	125	256	32.8	67.2	0	0	34	222	256
4	Buno Beddele	352	3	355	351	4	348	4	3	0	98.9	1.1	237	114	67.5	32.5	0	0	22	92	114
5	East Bale	319	6	325	252	73	246	73	6	0	77.5	22.5	90	162	35.7	64.3	65	0	10	87	162
6	East Hararge	1369	51	1420	1143	277	1095	274	48	3	80.5	19.5	669	474	58.5	41.5	0	0	71	403	474
7	East Shoa	595	69	664	653	11	584	11	69	0	98.3	1.7	166	487	25.4	74.6	0	0	146	341	487
8	East Wollega	637	18	655	633	22	615	22	18	0	96.6	3.4	302	331	47.7	52.3	0	0	331	0	331
9	Guji	787	34	821	804	17	770	17	34	0	97.9	2.1	691	113	85.9	14.1	0	0	24	89	113
10	Horo Guduru Wollega	315	21	336	330	6	309	6	21	0	98.2	1.8	188	142	57.0	43.0	0	0	6	136	142
11	Ilu Aba Bora	431	6	437	437	0	431	0	6	0	100.0	0.0	299	138	68.4	31.6	0	0	6	132	138
12	Jima	1254	9	1263	1263	0	1254	0	9	0	100.0	0.0	1249	14	98.9	1.1	0	0	5	9	14
13	Kellem Wollega	446	21	467	467	0	446	0	21	0	100.0	0.0	381	86	81.6	18.4	0	0	45	41	86
14	North Shoa	682	17	699	624	75	607	75	17	0	89.3	10.7	245	379	39.3	60.7	0	0	374	5	379
15	OS2S Finfinne	298	31	329	324	5	293	5	31	0	98.5	1.5	149	175	46.0	54.0	1	2	5	167	175
16	South West Shoa	398	15	413	403	10	388	10	15	0	97.6	2.4	167	236	41.4	58.6	1	0	11	224	236
17	West Arsi	728	57	785	784	1	727	1	57	0	99.9	0.1	422	362	53.8	46.2	0	3	4	355	362
18	West Guji	562	17	579	528	51	511	51	17	0	91.2	8.8	362	166	68.6	31.4	0	3	139	24	166
19	West Hararge	932	27	959	850	109	824	108	26	1	88.6	11.4	377	473	44.4	55.6	0	2	381	90	473
20	West Shoa	857	45	902	885	17	840	17	45	0	98.1	1.9	428	457	48.4	51.6	0	0	22	435	457
21	West Wollega	801	37	838	838	0	801	0	37	0	100.0	0.0	681	157	81.3	18.7	0	0	155	2	157
22	Adama Admin Town	28	92	120	120	0	28	0	92	0	100.0	0.0	3	117	2.5	97.5	0	0	53	64	117
23	Ambo Admin Town	10	11	21	21	0	10	0	11	0	100.0	0.0	0	21	0.0	100.0	0	1	14	6	21
24	Assela Admin Town	9	20	29	29	0	9	0	20	0	100.0	0.0	1	28	3.4	96.6	0	28	0	0	28
25	Batu Admin Town	6	12	18	18	0	6	0	12	0	100.0	0.0	7	11	38.9	61.1	0	0	9	2	11
26	Bishan Gurracha Admin Town	2	2	4	4	0	2	0	2	0	100.0	0.0	0	4	0.0	100.0	0	0	4	0	4
27	Bishoftu Admin Town	29	49	78	78	0	29	0	49	0	100.0	0.0	2	76	2.6	97.4	2	1	9	64	76
28	Burayu Admin Town	11	80	91	91	0	11	0	80	0	100.0	0.0	0	91	0.0	100.0	0	0	22	69	91
29	Dukem Admin Town	8	9	17	17	0	8	0	9	0	100.0	0.0	0	17	0.0	100.0	0	0	1	16	17
30	Gelan Admin Town	6	6	12	12	0	6	0	6	0	100.0	0.0	0	12	0.0	100.0	0	0	0	12	12
31	Holota Admin Town	9	9	18	18	0	9	0	9	0	100.0	0.0	1	17	5.6	94.4	0	0	15	2	17
32	Jima Admin Town	25	25	50	50	0	25	0	25	0	100.0	0.0	3	47	6.0	94.0	0	0	44	3	47
33	L/Tafo L/Dadhi Admin Town	7	18	25	25	0	7	0	18	0	100.0	0.0	0	25	0.0	100.0	0	0	2	23	25
34	Modjo Admin Town	5	6	11	11	0	5	0	6	0	100.0	0.0	0	11	0.0	100.0	0	0	11	0	11
35	Nekemte Admin Town	11	31	42	42	0	11	0	31	0	100.0	0.0	0	42	0.0	100.0	0	0	7	35	42
36	Robe Admin Town	7	17	24	24	0	7	0	17	0	100.0	0.0	1	23	4.2	95.8	0	0	0	23	23
37	Sebeta Admin Town	15	74	89	89	0	15	0	74	0	100.0	0.0	9	80	10.1	89.9	2	29	41	8	80
38	Shashemenne Admin Town	12	59	71	71	0	12	0	59	0	100.0	0.0	2	69	2.8	97.2	0	1	24	44	69
39	Sululta Admin Town	9	26	35	35	0	9	0	26	0	100.0	0.0	0	35	0.0	100.0	0	0	4	31	35
40	Woyiso Admin Town	6	6	12	12	0	6	0	6	0	100.0	0.0	0	12	0.0	100.0	0	0	0	12	12
Oromia		13970	1116	15086	14273	813	13162	808	1111	5	94.6	5.4	8562	5711	60.0	40.0	72	75	2066	3498	5711

II. Primary Schools Water Availability

Water is one of the most school facilities that schools must own. According to the 2013 (2020/21 G.C) school census, out of total of 15,086 primary schools in the region only 5734 (30.0%) schools reported that there are water facilities. Most of primary schools 9352 (62.0%) in the region have not been supplied with water facilities. Concerning ownership, out of total of 13,970 government owned schools only 4672 (33.4%); and 1,116 None-government organizations owned primary schools 1,062 (95.2%) in the region have water. Table 2.2.13 below shows the availability of water by source of water with their distributions in the zone and administrative towns. Accordingly, out of total of 19 administrative towns 11 of them reported that all their primary schools have water. Among the 21 zones in the region Kellem Wollegga, West Guji and Guji, are the most three 19.9%, respectively. On the other hand, Borena, East Shoa and West Wollegga are the most three better zones which are reported as their primary schools have water having the percentages 68.4%, 53.3% and 48.2% respectively.

Table 2.2. 13 Primary Schools Water Availability by Ownership and by Source of Water

Primary Schools Water Availability by Source of Water and Ownership 2013, (2020/21 G.C)																			
SN	ZONE/ADMIN TOWN	No of Schools			Water Available All Ownership		Water Available Government School		Water Available Non Government School		% Schools Having Water	% Schools Not Having Water	Type of Sources of Water (a school may have more than one source of water)						
		Gov	NGO	Total	Availa ble	Not Availa ble	Availa ble	Not Availa ble	Availa ble	Not Availa ble			Pipe Water in School	Protected Spring	Unprotected Spring	Rain Water Collection	Surface Water(River, Dam, Lake, Cart with Small Tank/Drum)	Grand Total	
1	Arsi	1068	35	1103	450	653	416	652	34	1	40.8	59.2	374	29	5	21	25	2	456
2	Bale	511	21	532	213	319	192	319	21	0	40.0	60.0	154	12	4	26	19	1	216
3	Borena	413	24	437	299	138	281	132	18	6	68.4	31.6	36	2	1	244	5	25	313
4	Buno Beddele	352	3	355	109	246	106	246	3	0	30.7	69.3	53	18	4	17	17	0	109
5	East Bale	319	6	325	114	211	108	211	6	0	35.1	64.9	47	2	1	56	6	6	118
6	East Hararge	1369	51	1420	297	1123	258	1111	39	12	20.9	79.1	182	22	9	58	22	13	306
7	East Shoa	595	69	664	354	310	286	309	68	1	53.3	46.7	268	24	13	16	26	9	356
8	East Wollega	637	18	655	243	412	227	410	16	2	37.1	62.9	90	45	44	3	60	2	244
9	Guji	787	34	821	163	658	134	653	29	5	19.9	80.1	81	13	6	36	20	9	165
10	Horo Guduru Wollega	315	21	336	133	203	113	202	20	1	39.6	60.4	94	15	12	3	11	0	135
11	Ilu Aba Bora	431	6	437	160	277	154	277	6	0	36.6	63.4	86	35	23	1	18	0	163
12	Jima	1254	9	1263	483	780	474	780	9	0	38.2	61.8	199	146	17	16	111	2	491
13	Kellem Wollega	446	21	467	83	384	65	381	18	3	17.8	82.2	41	24	10	1	8	1	85
14	North Shoa	682	17	699	242	457	225	457	17	0	34.6	65.4	165	23	6	5	40	5	244
15	OSZS Finfinne	298	31	329	131	198	101	197	30	1	39.8	60.2	89	19	5	1	15	3	132
16	South West Shoa	398	15	413	196	217	182	216	14	1	47.5	52.5	150	20	1	1	25	0	197
17	West Arsi	728	57	785	331	454	280	448	51	6	42.2	57.8	229	27	8	53	13	1	331
18	West Gujii	562	17	579	104	475	87	475	17	0	18.0	82.0	54	10	3	35	1	1	104
19	West Hararge	932	27	959	235	724	215	717	20	7	24.5	75.5	144	17	5	42	30	1	239
20	West Shoa	857	45	902	236	666	198	659	38	7	26.2	73.8	172	44	8	0	15	2	241
21	West Wollega	801	37	838	404	434	368	433	36	1	48.2	51.8	124	78	36	12	153	3	406
22	Adama Admin Town	28	92	120	119	1	27	1	92	0	99.2	0.8	114	4	0	0	0	1	119
23	Ambo Admin Town	10	11	21	19	2	8	2	11	0	90.5	9.5	19	0	0	0	0	0	19
24	Assela Admin Town	9	20	29	29	0	9	0	20	0	100.0	0.0	28	1	0	0	0	0	29
25	Batu Admin Town	6	12	18	18	0	6	0	12	0	100.0	0.0	17	2	0	0	0	0	19
26	Bishan Gurracha Admin Town	2	2	4	3	1	1	1	2	0	75.0	25.0	2	1	1	0	0	0	4
27	Bishoftu Admin Town	29	49	78	74	4	25	4	49	0	94.9	5.1	72	1	0	0	0	1	74
28	Burayu Admin Town	11	80	91	91	0	11	0	80	0	100.0	0.0	87	0	0	0	0	4	91
29	Dukem Admin Town	8	9	17	17	0	8	0	9	0	100.0	0.0	17	0	0	0	0	0	17
30	Gelan Admin Town	6	6	12	12	0	6	0	6	0	100.0	0.0	11	1	0	0	0	0	12
31	Holota Admin Town	9	9	18	18	0	9	0	9	0	100.0	0.0	18	0	0	0	0	0	18
32	Jima Admin Town	25	25	50	48	2	23	2	25	0	96.0	4.0	46	0	2	0	0	0	48
33	L/Tafo L/Dadhi Admin Town	7	18	25	24	1	6	1	18	0	96.0	4.0	16	3	2	0	1	2	24
34	Modjo Admin Town	5	6	11	11	0	5	0	6	0	100.0	0.0	11	0	0	0	0	0	11
35	Nekemte Admin Town	11	31	42	42	0	11	0	31	0	100.0	0.0	42	0	0	0	0	0	42
36	Robe Admin Town	7	17	24	24	0	7	0	17	0	100.0	0.0	24	0	0	0	0	0	24
37	Sebeta Admin Town	15	74	89	88	1	14	1	74	0	98.9	1.1	80	0	0	0	0	8	88
38	Shashemenne Admin Town	12	59	71	71	0	12	0	59	0	100.0	0.0	63	4	0	3	0	1	71
39	Sululta Admin Town	9	26	35	34	1	8	1	26	0	97.1	2.9	30	1	0	0	0	7	38
40	Woliso Admin Town	6	6	12	12	0	6	0	6	0	100.0	0.0	12	1	0	0	0	0	13
Oromia		13970	1116	15086	5734	9352	4672	9298	1062	54	38.0	62.0	3541	644	226	650	641	110	5812

III. Primary Schools Electricity Availability

This days Electricity is becoming the demanding facilities in schools. But out of total of 15086 primary schools in the region only 4,150 (27.5%) of them reported that they are supplied with electricity. Most primary schools 10,936 (72.5%) in the region have no electricity. Concerning ownership, out of total of 13,970 government owned schools only 3,110 (22.3%) of them have reported that they are supplied with electricity. Out of total of 1,116 non-government organizations owned primary schools in the region 1040 (93.2%) of them have reported that they are supplied with electricity. As far as the location where schools are situated is concerned, out of total of 12,863 schools in rural areas only 2252 (17.5%) schools have access to electricity. On the other hand, out of total of 2,223 schools located in urban areas 1,898 (85.4%) of them have reported that they have electricity access. In table 2.2.14 below the availability of electricity for primary schools is also shown by zone and administrative towns. Accordingly, out of total of 21 zone 6 of them and all administrative towns in the region have percentage above the regional average (27.5%). Out of total of 21 zones in the region West Hararge, East Bale, and West Wollega zones have the least percentage of schools with electricity having only 12.6%, 14.8%, and 17.9% respectively.

Table 2.2. 14 Primary Schools Electricity Availability by Source and Ownership

Primary Schools Electricity Availability Information , in 2013 (2020/21 GC)																										
SN	Zones/ Admin Towns	Number of Schools					Availability of Electricity With Its Source																			
		Total	Ownership		Locality		Available			Not Available			Available		Not Available		%age of Availability					Type of Source of Electricity				
			Gov	NGO	Rural	Urban	Rural	Urban	Total	Rural	Urban	Total	Gov	NGO	Gov	NGO	Total	Gov	NGO	Rural	Urban	Hydro Elect	Generator	Solar	Other	Total
1	Arsi	1103	1068	35	998	105	172	86	258	826	19	845	224	34	844	1	23.4	21.0	97.1	17.2	81.9	224	10	24	0	258
2	Bale	532	511	21	472	60	97	49	146	375	11	386	125	21	386	0	27.4	24.5	100.0	20.6	81.7	121	8	17	0	146
3	Borena	437	413	24	393	44	56	32	88	337	12	349	70	18	343	6	20.1	16.9	75.0	14.2	72.7	55	2	31	0	88
4	Buno Beddele	355	352	3	322	33	61	29	90	261	4	265	87	3	265	0	25.4	24.7	100.0	18.9	87.9	65	6	19	0	90
5	East Bale	325	319	6	301	24	30	18	48	271	6	277	42	6	277	0	14.8	13.2	100.0	10.0	75.0	30	5	13	0	48
6	East Hararge	1420	1369	51	1298	122	175	92	267	1123	30	1153	227	40	1142	11	18.8	16.6	78.4	13.5	75.4	207	5	55	0	267
7	East Shoa	664	595	69	572	92	180	88	268	392	4	396	201	67	394	2	40.4	33.8	97.1	31.5	95.7	236	2	30	0	268
8	East Wollega	655	637	18	573	82	94	60	154	479	22	501	142	12	495	6	23.5	22.3	66.7	16.4	73.2	149	1	3	1	154
9	Guji	821	787	34	753	68	130	56	186	623	12	635	156	30	631	4	22.7	19.8	88.2	17.3	82.4	113	3	70	0	186
10	Horo Guduru Wollega	336	315	21	283	53	83	47	130	200	6	206	112	18	203	3	38.7	35.6	85.7	29.3	88.7	127	2	1	0	130
11	Ilu Aba Bora	437	431	6	394	43	63	37	100	331	6	337	94	6	337	0	22.9	21.8	100.0	16.0	86.0	88	1	11	0	100
12	Jima	1263	1254	9	1187	76	226	61	287	961	15	976	279	8	975	1	22.7	22.2	88.9	19.0	80.3	198	4	85	0	287
13	Kellem Wollega	467	446	21	414	53	60	39	99	354	14	368	79	20	367	1	21.2	17.7	95.2	14.5	73.6	82	8	9	0	99
14	North Shoa	699	682	17	633	66	91	56	147	542	10	552	130	17	552	0	21.0	19.1	100.0	14.4	84.8	116	1	30	0	147
15	OSZS Finfinne	329	298	31	286	43	72	40	112	214	3	217	84	28	214	3	34.0	28.2	90.3	25.2	93.0	94	0	18	0	112
16	South West Shoa	413	398	15	375	38	89	34	123	286	4	290	110	13	288	2	29.8	27.6	86.7	23.7	89.5	109	1	13	0	123
17	West Arsi	785	728	57	678	107	146	91	237	532	16	548	183	54	545	3	30.2	25.1	94.7	21.5	85.0	207	9	21	0	237
18	West Gujii	579	562	17	532	47	87	32	119	445	15	460	102	17	460	0	20.6	18.1	100.0	16.4	68.1	83	2	34	0	119
19	West Hararge	959	932	27	879	80	57	64	121	822	16	838	100	21	832	6	12.6	10.7	77.8	6.5	80.0	104	3	14	0	121
20	West Shoa	902	857	45	790	112	205	90	295	585	22	607	256	39	601	6	32.7	29.9	86.7	25.9	80.4	247	1	47	0	295
21	West Wollega	838	801	37	725	113	74	76	150	651	37	688	123	27	678	10	17.9	15.4	73.0	10.2	67.3	132	6	12	0	150
22	Adama Admin Town	120	28	92	0	120	0	116	116	0	4	4	24	92	4	0	96.7	85.7	100.0		96.7	116	0	0	0	116
23	Ambo Admin Town	21	10	11	2	19	1	18	19	1	1	2	8	11	2	0	90.5	80.0	100.0	50.0	94.7	19	0	0	0	19
24	Assela Admin Town	29	9	20	0	29	0	29	29	0	0	0	9	20	0	0	100.0	100.0	100.0		100.0	29	0	0	0	29
25	Batu Admin Town	18	6	12	0	18	0	18	18	0	0	0	6	12	0	0	100.0	100.0	100.0		100.0	18	0	0	0	18
26	Bishan Gurracha Admin Town	4	2	2	0	4	0	4	4	0	0	0	2	2	0	0	100.0	100.0	100.0		100.0	4	0	0	0	4
27	Bishoftu Admin Town	78	29	49	0	78	0	73	73	0	5	5	25	48	4	1	93.6	86.2	98.0		93.6	73	0	0	0	73
28	Burayu Admin Town	91	11	80	3	88	3	85	88	0	3	3	10	78	1	2	96.7	90.9	97.5	100.0	96.6	87	0	0	1	88
29	Dukem Admin Town	17	8	9	0	17	0	14	14	0	3	3	5	9	3	0	82.4	62.5	100.0		82.4	14	0	0	0	14
30	Gelan Admin Town	12	6	6	0	12	0	9	9	0	3	3	3	6	3	0	75.0	50.0	100.0		75.0	9	0	0	0	9
31	Holota Admin Town	18	9	9	0	18	0	16	16	0	2	2	7	9	2	0	88.9	77.8	100.0		88.9	16	0	0	0	16
32	Jima Admin Town	50	25	25	0	50	0	46	46	0	4	4	21	25	4	0	92.0	84.0	100.0		92.0	42	1	3	0	46
33	L/Tafo L/Dadhi Admin Town	25	7	18	0	25	0	24	24	0	1	1	6	18	1	0	96.0	85.7	100.0		96.0	17	0	7	0	24
34	Modjo Admin Town	11	5	6	0	11	0	11	11	0	0	0	5	6	0	0	100.0	100.0	100.0		100.0	11	0	0	0	11
35	Nekemte Admin Town	42	11	31	0	42	0	39	39	0	3	3	11	28	0	3	92.9	100.0	90.3		92.9	38	1	0	0	39
36	Robe Admin Town	24	7	17	0	24	0	21	21	0	3	3	6	15	1	2	87.5	85.7	88.2		87.5	21	0	0	0	21
37	Sebeta Admin Town	89	15	74	0	89	0	85	85	0	4	4	12	73	3	1	95.5	80.0	98.6		95.5	85	0	0	0	85
38	Shashemenne Admin Town	71	12	59	0	71	0	71	71	0	0	0	12	59	0	0	100.0	100.0	100.0		100.0	70	0	1	0	71
39	Sululta Admin Town	35	9	26	0	35	0	30	30	0	5	5	6	24	3	2	85.7	66.7	92.3		85.7	30	0	0	0	30
40	Woliso Admin Town	12	6	6	0	12	0	12	12	0	0	0	6	6	0	0	100.0	100.0	100.0		100.0	12	0	0	0	12
Oromia		15086	13970	1116	12863	2223	2252	1898	4150	10611	325	10936	3110	1040	10860	76	27.5	22.3	93.2	17.5	85.4	3498	82	568	2	4150

IV. Primary Schools Library and Laboratory Availability

A. Primary Schools Library

Library is an important source of knowledge to young minds in schools. It develops the important habit of reading among the students. The importance of a library in the school is unquestionable so that every school is required to have a library. While the role of the school library remains significant, its design, digital platform, strategies and tools are dynamic as technology is changing.

According to the 2013 (2020/21 G.C) school census as shown in table 2.2.15.1 below, out of total of 15,086 primary schools in the region only 7,209 (47.8 %) of them have reported that they have library. Arsi, West Shoa and South West Shoa are the three zones with better percentage of library in primary schools having 74.5%, 64.2% and 62.2% respectively. On the other hand, Borena, East Hararge and West Hararge, zones have the least percentage of school in availability of library having 13.7%, 23.5% and 27.3% respectively. Concerning administrative towns, all administrative towns have percentage of library availability above the regional average which is 47.8%.

B. Primary Schools Laboratory

To improve the quality of science education in primary schools, which is critical foundations for latter educational development, the availability of laboratories plays significant role. To strengthen science education in primary schools' availability of science laboratory in schools is important. A science laboratory is a workplace to conduct scientific research. It helps students to remember the concepts better. It also helps to transfer the experience to other learning situations. It is a facility that provides controlled conditions in which scientific research, experiments and measurement may be performed.

Data related to laboratories in primary schools in the year 2013 (2020/21 G.C) is also shown in table 2.2.15.2 below by zone and administrative towns. Accordingly, out of total 11,482 primary grade 5-8 schools in the region only 1,428 (12.4%) of them have reported that they have laboratory. Out of total of 21 zones and 19 administrative towns in the region 17 zones and 2 administrative towns which have laboratory less than regional average which is 12.50%. Asella, Adama, and Sebeta administrative towns have reached (91.7%, 82.5%, and 77.8% respectively) better in availability of laboratory than others.

Table 2.2. 15 Primary Schools Library Availability

Primary Schools Library Availability Information by Ownership 2013, (2020/21 G.C)																							
SN	Zones/Admin Towns	No of Schools					Library Availability									Availability by Locality						Functional Libraries	Percentage of functional Libraries
		Total	Gov	NGO	Rural	Urban	All Ownership			Government			Non-Government			Rural			Urban				
							Available	Not Available	Percentage of Available	Available	Not Available	Percentage of Available	Available	Not Available	Percentage of Available	Available	Not Available	Percentage of Available	Available	Not Available	Percentage of Available		
1	Arsi	1103	1068	35	998	105	822	281	74.5	802	266	75.1	20	15	57.1	734	264	73.5	88	17	83.8	711	86.5
2	Bale	532	511	21	472	60	236	296	44.4	224	287	43.8	12	9	57.1	196	276	41.5	40	20	66.7	222	94.1
3	Borena	437	413	24	393	44	60	377	13.7	52	361	12.6	8	16	33.3	41	352	10.4	19	25	43.2	39	65.0
4	Buno Beddele	355	352	3	322	33	165	190	46.5	164	188	46.6	1	2	33.3	142	180	44.1	23	10	69.7	130	78.8
5	East Bale	325	319	6	301	24	111	214	34.2	108	211	33.9	3	3	50.0	98	203	32.6	13	11	54.2	90	81.1
6	East Hararge	1420	1369	51	1298	122	333	1087	23.5	318	1051	23.2	15	36	29.4	268	1030	20.6	65	57	53.3	266	79.9
7	East Shoa	664	595	69	572	92	320	344	48.2	285	310	47.9	35	34	50.7	264	308	46.2	56	36	60.9	291	90.9
8	East Wollega	655	637	18	573	82	269	386	41.1	266	371	41.8	3	15	16.7	216	357	37.7	53	29	64.6	218	81.0
9	Guji	821	787	34	753	68	336	485	40.9	317	470	40.3	19	15	55.9	287	466	38.1	49	19	72.1	267	79.5
10	Horo Guduru Wollega	336	315	21	283	53	106	230	31.5	97	218	30.8	9	12	42.9	74	209	26.1	32	21	60.4	85	80.2
11	Ilu Aba Bora	437	431	6	394	43	212	225	48.5	207	224	48.0	5	1	83.3	173	221	43.9	39	4	90.7	172	81.1
12	Jima	1263	1254	9	1187	76	780	483	61.8	774	480	61.7	6	3	66.7	724	463	61.0	56	20	73.7	683	87.6
13	Kellem Wollega	467	446	21	414	53	220	247	47.1	208	238	46.6	12	9	57.1	186	228	44.9	34	19	64.2	183	83.2
14	North Shoa	699	682	17	633	66	318	381	45.5	308	374	45.2	10	7	58.8	272	361	43.0	46	20	69.7	279	87.7
15	OS2S Finfinne	329	298	31	286	43	190	139	57.8	169	129	56.7	21	10	67.7	157	129	54.9	33	10	76.7	184	96.8
16	South West Shoa	413	398	15	375	38	257	156	62.2	249	149	62.6	8	7	53.3	228	147	60.8	29	9	76.3	249	96.9
17	West Arsi	785	728	57	678	107	486	299	61.9	446	282	61.3	40	17	70.2	402	276	59.3	84	23	78.5	430	88.5
18	West Gujii	579	562	17	532	47	168	411	29.0	161	401	28.6	7	10	41.2	143	389	26.9	25	22	53.2	148	88.1
19	West Hararge	959	932	27	879	80	262	697	27.3	256	676	27.5	6	21	22.2	221	658	25.1	41	39	51.3	209	79.8
20	West Shoa	902	857	45	790	112	579	323	64.2	555	302	64.8	24	21	53.3	506	284	64.1	73	39	65.2	552	95.3
21	West Wollega	838	801	37	725	113	410	428	48.9	395	406	49.3	15	22	40.5	345	380	47.6	65	48	57.5	336	82.0
22	Adama Admin Town	120	28	92	0	120	79	41	65.8	15	13	53.6	64	28	69.6	0	0	0.0	79	41	65.8	64	81.0
23	Ambo Admin Town	21	10	11	2	19	13	8	61.9	5	5	50.0	8	3	72.7	1	1	50.0	12	7	63.2	13	100.0
24	Assela Admin Town	29	9	20	0	29	29	0	100.0	9	0	100.0	20	0	100.0	0	0	0.0	29	0	100.0	24	82.8
25	Batu Admin Town	18	6	12	0	18	11	7	61.1	4	2	66.7	7	5	58.3	0	0	0.0	11	7	61.1	11	100.0
26	Bishan Gurracha Admin Town	4	2	2	0	4	2	2	50.0	1	1	50.0	1	1	50.0	0	0	0.0	2	2	50.0	2	100.0
27	Bishoftu Admin Town	78	29	49	0	78	54	24	69.2	16	13	55.2	38	11	77.6	0	0	0.0	54	24	69.2	41	75.9
28	Burayu Admin Town	91	11	80	3	88	71	20	78.0	9	2	81.8	62	18	77.5	2	1	66.7	69	19	78.4	66	93.0
29	Dukem Admin Town	17	8	9	0	17	10	7	58.8	3	5	37.5	7	2	77.8	0	0	0.0	10	7	58.8	9	90.0
30	Gelan Admin Town	12	6	6	0	12	8	4	66.7	2	4	33.3	6	0	100.0	0	0	0.0	8	4	66.7	6	75.0
31	Holota Admin Town	18	9	9	0	18	12	6	66.7	6	3	66.7	6	3	66.7	0	0	0.0	12	6	66.7	12	100.0
32	Jima Admin Town	50	25	25	0	50	40	10	80.0	17	8	68.0	23	2	92.0	0	0	0.0	40	10	80.0	35	87.5
33	L/Tafo L/Dadhi Admin Town	25	7	18	0	25	18	7	72.0	5	2	71.4	13	5	72.2	0	0	0.0	18	7	72.0	18	100.0
34	Modjo Admin Town	11	5	6	0	11	8	3	72.7	4	1	80.0	4	2	66.7	0	0	0.0	8	3	72.7	7	87.5
35	Nekemte Admin Town	42	11	31	0	42	28	14	66.7	11	0	100.0	17	14	54.8	0	0	0.0	28	14	66.7	28	100.0
36	Robe Admin Town	24	7	17	0	24	20	4	83.3	6	1	85.7	14	3	82.4	0	0	0.0	20	4	83.3	17	85.0
37	Sebeta Admin Town	89	15	74	0	89	76	13	85.4	11	4	73.3	65	9	87.8	0	0	0.0	76	13	85.4	67	88.2
38	Shashemenne Admin Town	71	12	59	0	71	52	19	73.2	10	2	83.3	42	17	71.2	0	0	0.0	52	19	73.2	45	86.5
39	Sululta Admin Town	35	9	26	0	35	27	8	77.1	6	3	66.7	21	5	80.8	0	0	0.0	27	8	77.1	26	96.3
40	Woliso Admin Town	12	6	6	0	12	11	1	91.7	6	0	100.0	5	1	83.3	0	0	0.0	11	1	91.7	11	100.0
Oromia		15086	13970	1116	12863	2223	7209	7877	47.8	6507	7463	46.6	702	414	62.903	5680	7183	44.2	1529	694	68.781	6246	86.6

Table 2.2. 16 Primary Schools Laboratory Availability

Primary Schools Laboratory Availability Information by Ownership 2013, (2020/21 G.C)																							
SN	Zones/AdminTowns	No of Schools (5-8)					Laboratory Availability									Availability Laboratory by Locality						Functional Laboratories	Percentage of functional Laboratories
		Total	Gov	NGO	Rural	Urban	All Ownership			Government			Non-Government			Rural			Urban				
							Available	Not Available	Percentage of Available	Available	Not Available	Percentage of Available	Available	Not Available	Percentage of Available	Available	Not Available	Percentage of Available	Available	Not Available	Percentage of Available		
1	Arsi	1002	985	17	918	84	107	996	10.7	103	965	10.5	4	31	23.5	85	913	9.3	22	83	26.2	94	87.9
2	Bale	483	471	12	434	49	23	509	4.8	21	490	4.5	2	19	16.7	15	457	3.5	8	52	16.3	9	39.1
3	Borena	261	249	12	227	34	11	426	4.2	8	405	3.2	3	21	25.0	8	385	3.5	3	41	8.8	3	27.3
4	Buno Beddele	219	217	2	196	23	19	336	8.7	19	333	8.8	0	3	0.0	13	309	6.6	6	27	26.1	8	42.1
5	East Bale	302	299	3	281	21	8	317	2.6	7	312	2.3	1	5	33.3	6	295	2.1	2	22	9.5	3	37.5
6	East Hararge	975	946	29	876	99	20	1400	2.1	18	1351	1.9	2	49	6.9	7	1291	0.8	13	109	13.1	9	45.0
7	East Shoa	422	382	40	359	63	106	558	25.1	90	505	23.6	16	53	40.0	71	501	19.8	35	57	55.6	79	74.5
8	East Wollega	502	496	6	434	68	40	615	8.0	40	597	8.1	0	18	0.0	28	545	6.5	12	70	17.6	24	60.0
9	Guji	584	566	18	532	52	26	795	4.5	21	766	3.7	5	29	27.8	15	738	2.8	11	57	21.2	13	50.0
10	Horo Guduru Wollega	235	225	10	192	43	8	328	3.4	8	307	3.6	0	21	0.0	6	277	3.1	2	51	4.7	4	50.0
11	Ilu Aba Bora	292	288	4	253	39	36	401	12.3	35	396	12.2	1	5	25.0	27	367	10.7	9	34	23.1	16	44.4
12	Jima	1096	1089	7	1034	62	241	1022	22.0	239	1015	21.9	2	7	28.6	204	983	19.7	37	39	59.7	131	54.4
13	Kellem Wollega	390	375	15	345	45	109	358	27.9	105	341	28.0	4	17	26.7	88	326	25.5	21	32	46.7	74	67.9
14	North Shoa	499	493	6	444	55	42	657	8.4	40	642	8.1	2	15	33.3	25	608	5.6	17	49	30.9	17	40.5
15	OSZS Finfinne	230	209	21	195	35	23	306	10.0	11	287	5.3	12	19	57.1	9	277	4.6	14	29	40.0	11	47.8
16	South West Shoa	316	309	7	285	31	49	364	15.5	47	351	15.2	2	13	28.6	41	334	14.4	8	30	25.8	32	65.3
17	West Arsi	620	580	40	532	88	117	668	18.9	110	618	19.0	7	50	17.5	87	591	16.4	30	77	34.1	81	69.2
18	West Gujii	453	441	12	414	39	19	560	4.2	19	543	4.3	0	17	0.0	15	517	3.6	4	43	10.3	5	26.3
19	West Hararge	619	610	9	563	56	44	915	7.1	41	891	6.7	3	24	33.3	29	850	5.2	15	65	26.8	19	43.2
20	West Shoa	783	759	24	696	87	26	876	3.3	24	833	3.2	2	43	8.3	19	771	2.7	7	105	8.0	13	50.0
21	West Wollega	646	628	18	558	88	34	804	5.3	33	768	5.3	1	36	5.6	26	699	4.7	8	105	9.1	16	47.1
22	Adama Admin Town	80	23	57	0	80	66	54	82.5	15	13	65.2	51	41	89.5	0	0	0.0	66	54	82.5	42	63.6
23	Ambo Admin Town	20	10	10	2	18	1	20	5.0	0	10	0.0	1	10	10.0	0	2	0.0	1	18	5.6	0	0.0
24	Assela Admin Town	24	9	15	0	24	22	2	91.7	9	0	100.0	13	2	86.7	0	0	0.0	22	2	91.7	22	100.0
25	Batu Admin Town	11	6	5	0	11	6	12	54.5	2	4	33.3	4	8	80.0	0	0	0.0	6	12	54.5	4	66.7
26	Bishan Gurracha Admin Town	4	2	2	0	4	0	4	0.0	0	2	0.0	0	2	0.0	0	0	0.0	0	4	0.0	0	0.0
27	Bishoftu Admin Town	48	17	31	0	48	30	48	62.5	6	23	35.3	24	25	77.4	0	0	0.0	30	48	62.5	27	90.0
28	Burayu Admin Town	68	11	57	3	65	41	50	60.3	7	4	63.6	34	46	59.6	2	1	66.7	39	49	60.0	31	75.6
29	Dukem Admin Town	14	7	7	0	14	6	11	42.9	2	6	28.6	4	5	57.1	0	0	0.0	6	11	42.9	6	100.0
30	Gelan Admin Town	11	6	5	0	11	6	6	54.5	2	4	33.3	4	2	80.0	0	0	0.0	6	6	54.5	4	66.7
31	Holota Admin Town	12	7	5	0	12	0	18	0.0	0	9	0.0	0	9	0.0	0	0	0.0	0	18	0.0	0	0.0
32	Jima Admin Town	39	22	17	0	39	26	24	66.7	13	12	59.1	13	12	76.5	0	0	0.0	26	24	66.7	18	69.2
33	L/Tafo L/Dadhi Admin Town	17	4	13	0	17	7	18	41.2	0	7	0.0	7	11	53.8	0	0	0.0	7	18	41.2	5	71.4
34	Modjo Admin Town	9	5	4	0	9	7	4	77.8	3	2	60.0	4	2	100.0	0	0	0.0	7	4	77.8	6	85.7
35	Nekemte Admin Town	29	11	18	0	29	10	32	34.5	6	5	54.5	4	27	22.2	0	0	0.0	10	32	34.5	3	30.0
36	Robe Admin Town	17	7	10	0	17	10	14	58.8	4	3	57.1	6	11	60.0	0	0	0.0	10	14	58.8	3	30.0
37	Sebeta Admin Town	72	14	58	0	72	56	33	77.8	7	8	50.0	49	25	84.5	0	0	0.0	56	33	77.8	39	69.6
38	Shashemenne Admin Town	48	12	36	0	48	14	57	29.2	2	10	16.7	12	47	33.3	0	0	0.0	14	57	29.2	9	64.3
39	Sululta Admin Town	20	6	14	0	20	5	30	25.0	0	9	0.0	5	21	35.7	0	0	0.0	5	30	25.0	1	20.0
40	Woliso Admin Town	10	6	4	0	10	7	5	70.0	4	2	66.7	3	3	75.0	0	0	0.0	7	5	70.0	6	85.7
Oromia		11482	10802	680	9773	1709	1428	13653	12.4	1121	12849	10.4	307	804	45.1	826	12037	8.5	602	1616	35.2	887	62.1

V. Primary Schools Co-Curriculum Information

Table 2.2. 17 Primary schools Availability of Co-Curricular Clubs

Availability of Educational Co-curricular Clubs in Primary Schools, in 2013(2020/21 G C)										
SN	Zone/Administrative Towns	Number of Schools	Environmental Protection Club		Teachers of Tomorrow Club		Anti HIV/AIDS Club		Girls Club	
			Available	In %	Available	In %	Available	In %	Available	In %
1	Arsi	1103	950	86.1	595	53.9	921	83.5	929	84.2
2	Bale	532	507	95.3	372	69.9	491	92.3	497	93.4
3	Borena	437	407	93.1	186	42.6	381	87.2	390	89.2
4	Buno Beddele	355	346	97.5	217	61.1	338	95.2	338	95.2
5	East Bale	325	311	95.7	224	68.9	302	92.9	297	91.4
6	East Hararge	1420	1360	95.8	954	67.2	1273	89.6	1274	89.7
7	East Shoa	664	625	94.1	278	41.9	596	89.8	617	92.9
8	East Wollega	655	609	93.0	390	59.5	599	91.5	602	91.9
9	Guji	821	769	93.7	558	68.0	695	84.7	714	87.0
10	Horo Guduru Wollega	336	308	91.7	208	61.9	303	90.2	297	88.4
11	Ilu Aba Bora	437	405	92.7	263	60.2	403	92.2	403	92.2
12	Jima	1263	1237	97.9	948	75.1	1190	94.2	1192	94.4
13	Kellem Wollega	467	434	92.9	353	75.6	427	91.4	414	88.7
14	North Shoa	699	678	97.0	451	64.5	663	94.8	644	92.1
15	OSZS Finfinne	329	315	95.7	97	29.5	304	92.4	306	93.0
16	South West Shoa	413	401	97.1	161	39.0	380	92.0	390	94.4
17	West Arsi	785	751	95.7	534	68.0	718	91.5	714	91.0
18	West Gujii	579	553	95.5	414	71.5	538	92.9	538	92.9
19	West Hararge	959	835	87.1	482	50.3	785	81.9	810	84.5
20	West Shoa	902	856	94.9	565	62.6	841	93.2	841	93.2
21	West Wollega	838	811	96.8	560	66.8	786	93.8	779	93.0
22	Adama Admin Town	120	80	66.7	47	39.2	77	64.2	82	68.3
23	Ambo Admin Town	21	20	95.2	3	14.3	20	95.2	19	90.5
24	Assela Admin Town	29	22	75.9	6	20.7	26	89.7	25	86.2
25	Batu Admin Town	18	14	77.8	7	38.9	8	44.4	9	50.0
26	Bishan Gurracha Admin Town	4	3	75.0	2	50.0	3	75.0	3	75.0
27	Bishoftu Admin Town	78	55	70.5	26	33.3	48	61.5	52	66.7
28	Burayu Admin Town	91	77	84.6	37	40.7	79	86.8	77	84.6
29	Dukem Admin Town	17	12	70.6	7	41.2	14	82.4	15	88.2
30	Gelan Admin Town	12	10	83.3	5	41.7	10	83.3	9	75.0
31	Holota Admin Town	18	17	94.4	6	33.3	16	88.9	18	100.0
32	Jima Admin Town	50	39	78.0	27	54.0	40	80.0	41	82.0
33	L/Tafo L/Dadhi Admin Town	25	16	64.0	7	28.0	21	84.0	20	80.0
34	Modjo Admin Town	11	10	90.9	1	9.1	9	81.8	10	90.9
35	Nekemte Admin Town	42	34	81.0	17	40.5	30	71.4	32	76.2
36	Robe Admin Town	24	22	91.7	8	33.3	19	79.2	18	75.0
37	Sebeta Admin Town	89	65	73.0	35	39.3	74	83.1	68	76.4
38	Shashemenne Admin Town	71	45	63.4	35	49.3	53	74.6	52	73.2
39	Sululta Admin Town	35	23	65.7	5	14.3	27	77.1	28	80.0
40	Woliso Admin Town	12	12	100.0	5	41.7	10	83.3	11	91.7
Oromia		15086	14044	93.1	9096	60.3	13518	89.6	13575	90.0

Table 2.2. 18 Members of Student in co-curricular clubs in primary schools

Student Members in Co-curricular Clubs in Primary Schools, in 2013 (2020/21 G C)																	
SN	Zones/Administrative Towns	ENVIRONMENTAL PROTECTION CLUB			% Female	Teachers of Tomorrow Club			% Female	Anti HIV/AIDS Club			% Female	Girls Club			% Female
		M	F	T		M	F	T		M	F	T		M	F	T	
1	Arsi	53784	44137	97921	45.1	11407	9162	20569	44.5	31558	29555	61113	48.4	6503	87546	94049	93.1
2	Bale	17621	13897	31518	44.1	6502	5093	11595	43.9	13671	11339	25010	45.3	1853	43810	45663	95.9
3	Borena	7754	6704	14458	46.4	1910	1465	3375	43.4	5979	5244	11223	46.7	2543	21737	24280	89.5
4	Buno Beddele	10081	8914	18995	46.9	3491	3107	6598	47.1	8503	7126	15629	45.6	335	17895	18230	98.2
5	East Bale	10096	7275	17371	41.9	3868	2637	6505	40.5	7675	5505	13180	41.8	1386	14740	16126	91.4
6	East Hararge	81423	60914	142337	42.8	21472	14803	36275	40.8	49746	40149	89895	44.7	33870	69189	103059	67.1
7	East Shoa	18031	15035	33066	45.5	4429	4019	8448	47.6	13036	12144	25180	48.2	4838	23169	28007	82.7
8	East Wollega	17994	15795	33789	46.7	6776	6091	12867	47.3	14653	13035	27688	47.1	1566	44748	46314	96.6
9	Guji	21241	14508	35749	40.6	9192	6362	15554	40.9	15715	11835	27550	43.0	1837	33021	34858	94.7
10	Horo Guduru Wollega	10315	9489	19804	47.9	3561	3108	6669	46.6	7573	6598	14171	46.6	1449	20146	21595	93.3
11	Ilu Aba Bora	12746	11372	24118	47.2	3524	3306	6830	48.4	9135	8590	17725	48.5	669	24977	25646	97.4
12	Jima	40525	34766	75291	46.2	17995	16950	34945	48.5	30237	29558	59795	49.4	7163	64658	71821	90.0
13	Kellem Wollega	10770	9468	20238	46.8	5568	4254	9822	43.3	11194	9984	21178	47.1	334	22381	22715	98.5
14	North Shoa	16003	13916	29919	46.5	6708	5771	12479	46.2	12955	11718	24673	47.5	3257	18421	21678	85.0
15	OSZS Finfinne	8587	7311	15898	46.0	1091	934	2025	46.1	6549	5702	12251	46.5	1520	12415	13935	89.1
16	South West Shoa	15038	12840	27878	46.1	2767	2277	5044	45.1	10631	9416	20047	47.0	2363	20703	23066	89.8
17	West Arsi	28446	23772	52218	45.5	11224	8900	20124	44.2	20810	17545	38355	45.7	4699	54711	59410	92.1
18	West Guji	14137	9880	24017	41.1	5566	3635	9201	39.5	10251	7655	17906	42.8	3337	19910	23247	85.6
19	West Hararge	32086	24100	56186	42.9	8973	6731	15704	42.9	24594	17546	42140	41.6	5541	38071	43612	87.3
20	West Shoa	34000	29608	63608	46.5	9217	7444	16661	44.7	25287	23304	48591	48.0	4944	52772	57716	91.4
21	West Wollega	18260	18396	36656	50.2	7102	5627	12729	44.2	15122	12464	27586	45.2	1132	38680	39812	97.2
22	Adama Admin Town	1596	1651	3247	50.8	642	742	1384	53.6	1350	1475	2825	52.2	783	3290	4073	80.8
23	Ambo Admin Town	551	669	1220	54.8	170	222	392	56.6	459	514	973	52.8	177	1113	1290	86.3
24	Assela Admin Town	442	458	900	50.9	46	47	93	50.5	646	527	1173	44.9	257	604	861	70.2
25	Batu Admin Town	409	188	597	31.5	61	60	121	49.6	382	357	739	48.3	82	872	954	91.4
26	Bishan Gurracha Admin Town	65	48	113	42.5	16	15	31	48.4	64	69	133	51.9	21	188	209	90.0
27	Bishoftu Admin Town	1092	1281	2373	54.0	350	397	747	53.1	1003	1057	2060	51.3	613	1514	2127	71.2
28	Burayu Admin Town	1171	1035	2206	46.9	298	255	553	46.1	1053	1092	2145	50.9	358	1801	2159	83.4
29	Dukem Admin Town	282	276	558	49.5	97	97	194	50.0	274	361	635	56.9	170	370	540	68.5
30	Gelan Admin Town	191	193	384	50.3	75	93	168	55.4	142	149	291	51.2	75	237	312	76.0
31	Holota Admin Town	381	399	780	51.2	88	87	175	49.7	344	407	751	54.2	12	784	796	98.5
32	Jima Admin Town	864	864	1728	50.0	329	383	712	53.8	763	841	1604	52.4	235	1310	1545	84.8
33	L/Tafo L/Dadhi Admin Town	393	466	859	54.2	71	91	162	56.2	286	311	597	52.1	142	592	734	80.7
34	Modjo Admin Town	141	181	322	56.2	10	10	20	50.0	120	194	314	61.8	110	417	527	79.1
35	Nekemte Admin Town	467	529	996	53.1	189	164	353	46.5	625	635	1260	50.4	74	1798	1872	96.0
36	Robe Admin Town	538	598	1136	52.6	248	257	505	50.9	408	401	809	49.6	315	1992	2307	86.3
37	Sebeta Admin Town	1282	1596	2878	55.5	472	492	964	51.0	1642	1783	3425	52.1	357	2877	3234	89.0
38	Shashemenne Admin Town	1091	1087	2178	49.9	369	391	760	51.4	894	1105	1999	55.3	457	1195	1652	72.3
39	Sululta Admin Town	571	754	1325	56.9	50	70	120	58.3	676	823	1499	54.9	152	675	827	81.6
40	Woliso Admin Town	273	276	549	50.3	86	142	228	62.3	246	259	505	51.3	69	482	551	87.5
Oromia		490738	404646	895384	45.2	156010	125691	281701	44.6	356251	308372	664623	46.4	95598	765811	861409	88.9

VI. Primary Schools Finance

School finance involves the interrelated issues of raising, distributing, allocating, and using revenues for the purpose of educating children. School financing procedure is passed through two steps process in our region. The first involves fiscal transfers from the federal government to the region, and the second is from regional governments to woredas. Accordingly, Woredas allocate the block grant for primary and secondary schools based on the number of students they enrolled. This allocation can be by providing the necessary education materials in kind. Likewise, all schools used to generate additional income from different sources like community contribution. Tables 2.2.18 below illustrates estimation of the community contribution of primary schools in terms of cash, material and labor.

Table 2.2. 19 Government Primary Schools Community Contribution

Primary Government Schools Community Contribution , 2013 (2020/21 G.C)						
NS	Zones/Admin Towns	Community Contribution				
		In Cash	in Labor	In Material	Other	Total
1	Arsi	18,686,386.00	19,114,551.00	9,878,718.00	1,455,592.00	49,135,247.00
2	Bale	5,069,824.00	14,127,399.00	6,478,640.00	193,083.00	25,868,946.00
3	Borena	12,667,262.00	5,070,326.00	2,858,214.00	89,200.00	20,685,002.00
4	Buno Beddele	2,829,142.00	5,272,134.00	3,131,479.00	175,585.00	11,408,340.00
5	East Bale	3,071,442.00	5,501,763.00	3,492,320.00	130,100.00	12,195,625.00
6	East Hararge	24,194,811.00	53,246,993.00	19,812,911.00	600,985.00	97,855,700.00
7	East Shoa	14,384,487.00	4,739,078.00	2,978,069.00	1,991,827.00	24,093,461.00
8	East Wollega	6,731,247.00	11,637,216.00	4,554,375.00	345,410.00	23,268,248.00
9	Guji	13,093,132.00	6,649,068.00	4,412,577.00	2,112,550.00	26,267,327.00
10	Horo Guduru Wollega	1,538,552.00	1,921,573.00	713,215.00	306,058.00	4,479,398.00
11	ilu Aba Bora	2,717,232.00	4,921,119.00	2,033,161.00	186,692.00	9,858,204.00
12	Jima	27,256,336.00	23,243,893.00	18,485,186.00	1,573,970.00	70,559,385.00
13	Kellem Wollega	2,869,620.00	4,452,442.00	2,209,340.00	176,104.00	9,707,506.00
14	North Shoa	4,339,525.00	3,052,340.00	1,150,757.00	75,635.00	8,618,257.00
15	OSZS Finfinne	4,981,866.00	2,812,630.00	2,036,479.00	206,400.00	10,037,375.00
16	South West Shoa	8,663,624.00	2,340,100.00	608,672.00	3,250,571.00	14,862,967.00
17	West Arsi	8,547,979.00	7,024,845.00	3,798,674.00	1,511,847.00	20,883,345.00
18	West Gujii	13,651,310.00	5,599,092.00	3,057,184.00	280,900.00	22,588,486.00
19	West Hararge	19,626,854.00	19,334,292.00	9,059,262.00	281,148.00	48,301,556.00
20	West Shoa	15,603,263.00	5,611,382.00	2,645,320.00	650,687.00	24,510,652.00
21	West Wollega	5,996,218.00	11,017,040.00	6,056,245.00	263,929.00	23,333,432.00
22	Adama Admin Town	13,348,665.00	152,800.00	564,800.00		14,066,265.00
23	Ambo Admin Town	495,850.00	17,640.00	30,000.00	27,000.00	570,490.00
24	Assela Admin Town	258,836.00	81,905.00	27,650.00	4,000.00	372,391.00
25	Batu Admin Town	552,050.00	44,000.00	29,000.00	1,000.00	626,050.00
26	Bishan Gurracha Admin Town	50,000.00				50,000.00
27	Bishoftu Admin Town	3,747,547.00	174,991.00	357,000.00	15,850.00	4,295,388.00
28	Burayu Admin Town	1,128,520.00	68,900.00	340,539.00	809,350.00	2,347,309.00
29	Dukem Admin Town	344,277.00	9,250.00	2,400.00		355,927.00
30	Gelan Admin Town	218,200.00	68,800.00	92,920.00	2,000.00	381,920.00
31	Holota Admin Town	430,479.00	94,500.00	82,750.00	10,000.00	617,729.00
32	Jima Admin Town	950,376.00	498,295.00	3,406,703.00		4,855,374.00
33	L/Tafo L/Dadhi Admin Town	243,540.00	101,453.00	41,050.00		386,043.00
34	Modjo Admin Town	945,510.00	69,950.00	450,000.00	85,840.00	1,551,300.00
35	Nekemte Admin Town	729,022.00	60,173.00	26,487.00	700.00	816,382.00
36	Robe Admin Town	1,716,427.00	52,530.00	14,600.00	11,422.00	1,794,979.00
37	Sebeta Admin Town	283,224.00	171,213.00	21,100.00	1,334,837.00	1,810,374.00
38	Shashemenne Admin Town	1,230,110.00	98,500.00	56,500.00	140,355.00	1,525,465.00
39	Sululta Admin Town	390,831.00	1,030,676.00	89,870.00		1,511,377.00
40	Woliso Admin Town	928,885.00	32,000.00		16,600.00	977,485.00
	Oromia	244,512,461.00	219,516,852.00	115,084,167.00	18,317,227.00	597,430,707.00

Table 2.2. 20 School Grant Allocation for Government Primary Schools in 2013 (2020/21 G.C)

School Grant Budget Allocation for Government Primary Schools by Cycle in 2013 (2020/21 G.C)									
NS	Zones/Admin Towns	O-Class	(1-4)	(5-8)	ABE	(1-8)<200	IERC Allocation	Top up for Pastoralist District (5%)	Total
1	Arsi	1,180,320.00	22,294,700.00	14,243,955.00	492,250.00	1,061,525.00	60,000.00	-	39,332,750.00
2	Bale	975,660.00	14,233,950.00	7,106,220.00	323,750.00	809,335.00	30,000.00	498,233.50	23,977,148.50
3	Borana	204,960.00	3,589,000.00	1,573,550.00	1,084,550.00	4,876,050.00	30,000.00	573,533.50	11,931,643.50
4	Buno Beddelle	395,820.00	5,960,800.00	3,816,340.00	38,200.00	247,995.00	40,000.00	-	10,499,155.00
5	East Hararge	2,460,480.00	29,268,100.00	11,646,800.00	424,250.00	377,525.00	40,000.00	236,956.00	44,454,111.00
6	East Shoa	509,040.00	8,024,400.00	4,755,740.00	119,000.00	1,211,345.00	50,000.00	48,200.00	14,717,725.00
7	East Wollegga	562,560.00	11,038,400.00	7,122,500.00	298,300.00	1,365,440.00	130,000.00	-	20,517,200.00
8	Guji	556,080.00	14,473,350.00	6,825,280.00	1,005,250.00	1,695,520.00	40,000.00	373,098.25	24,968,578.25
9	Horo Guduru Wollega	265,380.00	5,076,400.00	3,881,625.00	214,350.00	636,120.00	60,000.00	-	10,133,875.00
10	Illu Aba Bora	427,980.00	5,381,200.00	3,864,905.00	11,200.00	683,435.00	40,000.00	-	10,408,720.00
11	Jimma	2,723,880.00	25,548,900.00	16,177,920.00	3,700.00	170,680.00	40,000.00	-	44,665,080.00
12	Kellem Wollegga	766,920.00	7,145,250.00	5,034,480.00	121,600.00	594,530.00	20,000.00	-	13,682,780.00
13	North Shoa	390,660.00	7,557,950.00	4,906,935.00	-	1,163,700.00	30,000.00	-	14,049,245.00
14	OSZS Finfinne	221,040.00	3,535,750.00	2,379,740.00	4,500.00	322,840.00	20,000.00	-	6,483,870.00
15	South West Shoa	485,760.00	8,886,500.00	4,115,650.00	42,050.00	89,635.00	40,000.00	-	13,659,595.00
16	West Arsi	1,085,040.00	18,251,100.00	8,303,075.00	556,750.00	498,000.00	50,000.00	-	28,743,965.00
17	West Guji	692,940.00	11,214,800.00	5,139,255.00	539,650.00	1,431,120.00	30,000.00	356,799.00	19,404,564.00
18	West Hararge	1,657,680.00	23,625,550.00	8,091,600.00	320,800.00	314,470.00	40,000.00	279,742.50	34,329,842.50
19	West Shoa	1,247,520.00	19,077,900.00	10,521,335.00	603,800.00	799,345.00	50,000.00	-	32,299,900.00
20	West Wollegga	806,640.00	10,704,700.00	8,622,020.00	108,050.00	943,510.00	70,000.00	-	21,254,920.00
21	Adama Admin Town	74,400.00	994,600.00	1,106,600.00	10,800.00	23,975.00	10,000.00	-	2,220,575.00
22	Ambo Admin Town	27,840.00	463,700.00	383,405.00	-	-	20,000.00	-	894,945.00
23	Asela Admin Town	22,740.00	235,150.00	331,980.00	8,150.00	32,845.00	10,000.00	-	640,865.00
24	Batu Admin Town	7,440.00	260,650.00	244,805.00	-	3,840.00	10,000.00	-	526,735.00
25	Bishan Guracha Admin Town	21,360.00	77,000.00	36,080.00	-	-	-	-	134,440.00
26	Bishoftu Admin Town	33,180.00	516,050.00	534,655.00	3,600.00	58,770.00	10,000.00	-	1,156,255.00
27	Burayu Admin Town	22,200.00	428,900.00	286,715.00	2,600.00	17,400.00	-	-	757,815.00
28	Dukem Admin Town	13,680.00	181,750.00	203,115.00	-	12,535.00	-	-	411,080.00
29	Gelan Admin Town	10,200.00	88,300.00	64,625.00	-	1,095.00	-	-	164,220.00
30	Holeta Admin Town	9,720.00	270,050.00	270,215.00	-	6,650.00	-	-	556,635.00
31	Jimma Admin Town	56,520.00	939,900.00	746,845.00	-	-	10,000.00	-	1,753,265.00
32	L/T/L/Dadhi Admin Town	10,560.00	112,400.00	80,465.00	-	7,300.00	-	-	210,725.00
33	Modjo Admin Town	14,220.00	196,150.00	209,275.00	-	-	10,000.00	-	429,645.00
34	Nekemte Admin Town	35,880.00	355,750.00	390,115.00	7,500.00	2,500.00	20,000.00	-	811,745.00
35	Robe Admin Town	41,040.00	357,950.00	337,865.00	-	-	10,000.00	-	746,855.00
36	Sebeta Admin Town	53,520.00	472,000.00	370,755.00	-	2,575.00	-	-	898,850.00
37	Shashamanne Admin Town	79,560.00	799,500.00	610,555.00	34,650.00	7,800.00	20,000.00	-	1,552,065.00
38	Sululta Admin Town	28,080.00	217,400.00	173,635.00	-	-	-	-	419,115.00
39	Woliso Admin Town	8,100.00	307,550.00	290,070.00	-	-	-	-	605,720.00
	Oromia	18,186,600.00	262,163,650.00	144,800,700.00	6,379,300.00	19,469,405.00	1,040,000.00	2,366,562.75	454,406,217.75

*Source: OEB GEQIP Coordination Unit

Table 2.2. 21 Non-Government Organization Owned Primary Schools Annual Revenue

Non Government Owned Primary Schools Annual Revenue, 2013 (2020/21 G.C)								
NS	Zones/Admin Towns	Community Contribution						
		In Cash	in Labor	In Material	Internal Income	Student fee	Other	Total
1	Arsi	2,378,412.00	73,100.00	26,600.00	356,260.00	109,702,495.00	388,650.00	112,925,517.00
2	Bale	163,170.00	8,400.00	32,500.00	247,352.00	9,703,950.00	798,888.00	10,954,260.00
3	Borena	152,500.00	63,600.00	69,500.00	486,480.00	4,780,809.00	524,238.00	6,077,127.00
4	Buno Beddele				45,000.00	1,051,628.00		1,096,628.00
5	East Bale					4,668,756.00		4,668,756.00
6	East Hararge	3,567,065.00	810,856.00	748,250.00	1,675,651.00	12,786,066.00	31,080,203.00	50,668,091.00
7	East Shoa	1,507,929.00	517,000.00	447,000.00	2,699,270.00	38,310,116.00	29,445,889.00	72,927,204.00
8	East Wollega	25,000.00	150,000.00	85,000.00	22,000.00	2,235,495.00	1,168,912.00	3,686,407.00
9	Guji	40,100.00	566,016.00	352,624.00	30,240.00	25,951,584.00	707,708.00	27,648,272.00
10	Horo Guduru Wollega	73,000.00	5,000.00	7,000.00	578,200.00	4,316,921.00	78,300.00	5,058,421.00
11	Illu Aba Bora					4,430,400.00	479,663.00	4,910,063.00
12	Jima		20,000.00	28,000.00	560,000.00	4,172,978.00	1,155,790.00	5,936,768.00
13	Kellem Wollega	800,000.00	5,000.00		773,169.00	13,381,094.00	23,085,431.00	38,044,694.00
14	North Shoa		121,290.00		12,671,832.00	4,447,791.00	519,460.00	17,760,373.00
15	OSZS Finfinne	30,000.00	46,000.00	27,000.00	52,000.00	23,759,891.00	3,406,590.00	27,321,481.00
16	South West Shoa	11,701.00	39,440.00		110,416.00	2,446,167.00	2,957,207.00	5,564,931.00
17	West Arsi	456,825.00	223,021.00	117,875.00	1,496,942.00	17,184,863.00	4,474,242.00	23,953,768.00
18	West Gujii	3,000.00			25,750.00	11,567,005.00	2,707,000.00	14,302,755.00
19	West Hararge	7,212,208.00	29,020.00	30,750.00	183,940.00	36,812,544.00	410,176.00	44,678,638.00
20	West Shoa	97,480.00	1,800.00	343,240.00	682,764.00	9,065,127.00	5,961,404.00	16,151,815.00
21	West Wollega	746,160.00	303,050.00	567,500.00	1,108,570.00	9,441,264.00	940,308.00	13,106,852.00
22	Adama Admin Town	8,917,042.00	347,354.00	1,560,718.00	5,915,566.00	273,180,518.00	2,808,013.00	292,729,211.00
23	Ambo Admin Town	8,000.00			51,000.00	14,330,549.00		14,389,549.00
24	Assela Admin Town	2,000.00	1,000.00	200,600.00	49,950.00	12,284,470.00		12,538,020.00
25	Batu Admin Town	7,454,589.00	807,211.00	331,907.00	2,832,169.00	6,839,998.00	24,117,443.00	42,383,317.00
26	Bishan Gurracha Admin Town	186,350.00	256,380.00	6,000.00		886,350.00		1,335,080.00
27	Bishoftu Admin Town	487,500.00	15,053.00	5,500.00	470,337.00	144,998,011.00	3,686,861.00	149,663,262.00
28	Burayu Admin Town	628,100.00	194,300.00	440,500.00	585,820.00	88,837,973.00	675,910.00	91,362,603.00
29	Dukem Admin Town					5,809,100.00		5,809,100.00
30	Gelan Admin Town					6,751,300.00	64,000.00	6,815,300.00
31	Holota Admin Town	247,000.00	10,500.00	10,000.00	278,400.00	4,580,826.00	503,575.00	5,630,301.00
32	Jima Admin Town	192,379.00	66,600.00	752,108.00	1,789,555.00	44,710,139.00	2,277,540.00	49,788,321.00
33	L/Tafo L/Dadhi Admin Town	3,000.00	5,000.00	10,500.00		39,643,954.00		39,662,454.00
34	Modjo Admin Town					13,384,276.00	2,760,610.00	16,144,886.00
35	Nekemte Admin Town	449,282.00	73,500.00	53,000.00	3,078,367.00	20,581,467.00	16,000.00	24,251,616.00
36	Robe Admin Town	100,000.00		20,000.00	363,788.00	22,429,842.00	214,200.00	23,127,830.00
37	Sebeta Admin Town	1,815,286.00	12,000.00	36,000.00	1,505,762.00	114,782,394.00	4,300,104.00	122,451,546.00
38	Shashemenne Admin Town	920,385.00	43,083.00	2,240,248.00	830,531.00	51,611,598.00	4,723,259.00	60,369,104.00
39	Sululta Admin Town		2,000.00	2,800.00	84,736.00	23,037,268.00	731,920.00	23,858,724.00
40	Woliso Admin Town				1,245,708.00	6,185,939.00	766,384.00	8,198,031.00
Oromia		38,675,463.00	4,816,574.00	8,552,720.00	42,887,525.00	1,245,082,916.00	157,935,878.00	1,497,951,076.00

2.2.5. General Education Inspection

Educational inspection is a task or an act of assessing the standard and quality of education provided to the learners. The main objective of general education inspection is to improve the outcomes and ethics of students at national level by assuring the quality and effectiveness of education.

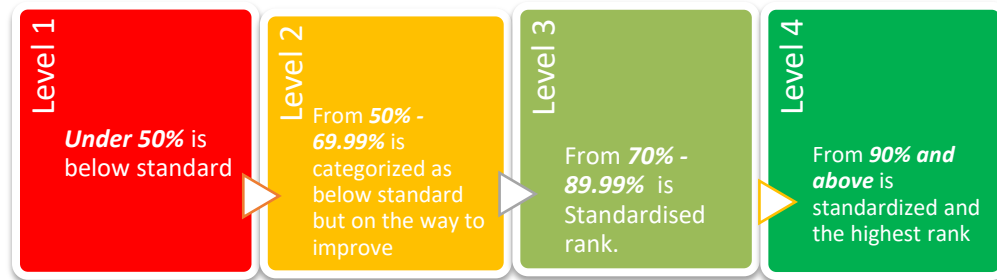
Criteria for General Education Inspection

General Education Inspection incorporates three criterion and five focus areas of inspection.

Criteria	Focus Areas of Inspection
Input	School facility, buildings, human and financial resources
	The learning environment
Process	Learning and teaching
	The school's engagement with parents and the community
Output	Student's outcomes and ethics

After schools inspected by educational inspectors, schools' level was identified, and then feedback will be given to all stakeholders and school communities. The four important weights from level one to four are as indicated on the following chart.

SCHOOL INSPECTION WEIGHTS



Inspection is a form of quality assurance, a process of independent external evaluation. It can provide an objective assessment of how well schools are performed in quality of education that they provide, as well as the outcomes and ethics that their students achieve. It can be a powerful tool for promoting improvement, by establishing the minimum levels of quality that all schools should achieve and by making schools accountable for their performance and progress.

The result of inspection at zonal, administrative towns and at regional level is indicated in table 2.2.22 below. Accordingly, out of a total of 15,086 primary schools in the region, 13,734 (91.0%) of them were inspected. Based on the standard of Ethiopian inspection framework, out of a total of 13,734 inspected primary schools, 2,092 (15.2%) of them ranked as level I, 10,201(74.3%) as level II, and 1,440 (10.48%) as level III. But only 1 (0.007%) of primary school in the region are ranked as level IV.

Table 2.2. 22 Primary Schools' Inspection Information

Primary schools Inspection information in 2013 (2020/21 G.C)														
SN	Zone/Admin Town/Woreda	Number of Primary School	Number of Inspected Primary Schools till this Year	% of Inspected Primary Schools till This Year	Primary Schools Inspection Rank									
					Level I		Level II		Level III		Level IV		Not Inspected	
					No	%	No	%	No	%	No	%	No	%
1	Arsi	1103	950	86.1	101	10.6	743	78.2	106	11.2		0.00	153	13.9
2	Bale	532	474	89.1	60	12.7	364	76.8	50	10.5		0.00	58	10.9
3	Borena	437	310	70.9	65	21.0	233	75.2	12	3.9		0.00	127	29.1
4	Buno Beddele	355	342	96.3	47	13.7	279	81.6	16	4.7		0.00	13	3.7
5	East Bale	325	315	96.9	37	11.7	271	86.0	7	2.2		0.00	10	3.1
6	East Hararge	1420	1049	73.9	290	27.6	642	61.2	117	11.2		0.00	371	26.1
7	East Shoa	664	598	90.1	57	9.5	515	86.1	26	4.3		0.00	66	9.9
8	East Wollega	655	635	96.9	66	10.4	512	80.6	57	9.0		0.00	20	3.1
9	Guji	821	655	79.8	128	19.5	500	76.3	27	4.1		0.00	166	20.2
10	Horo Guduru Wollega	336	299	89.0	20	6.7	222	74.2	57	19.1		0.00	37	11.0
11	Ilu Aba Bora	437	371	84.9	32	8.6	316	85.2	23	6.2		0.00	66	15.1
12	Jima	1263	1089	86.2	115	10.6	844	77.5	130	11.9		0.00	174	13.8
13	Kellem Wollega	467	271	58.0	59	21.8	207	76.4	5	1.8		0.00	196	42.0
14	North Shoa	699	688	98.4	163	23.7	506	73.5	19	2.8		0.00	11	1.6
15	OSZS Finfinne	329	299	90.9	49	16.4	246	82.3	4	1.3		0.00	30	9.1
16	South West Shoa	413	377	91.3	24	6.4	335	88.9	18	4.8		0.00	36	8.7
17	West Arsi	785	586	74.6	52	8.9	486	82.9	48	8.2		0.00	199	25.4
18	West Gujji	579	390	67.4	132	33.8	233	59.7	25	6.4		0.00	189	32.6
19	West Hararge	959	842	87.8	125	14.8	636	75.5	81	9.6		0.00	117	12.2
20	West Shoa	902	682	75.6	62	9.1	516	75.7	104	15.2		0.00	220	24.4
21	West Wollega	838	642	76.6	78	12.1	522	81.3	42	6.5		0.00	196	23.4
22	Adama Admin Town	120	55	45.8	3	5.5	49	89.1	3	5.5		0.00	65	54.2
23	Ambo Admin Town	21	20	95.2	7	35.0	12	60.0	1	5.0		0.00	1	4.8
24	Assela Admin Town	29	29	100.0	1	3.4	22	75.9	6	20.7		0.00	0	0.0
25	Batu Admin Town	18	15	83.3		0.0	14	93.3	1	6.7		0.00	3	16.7
26	Bishan Gurracha Admin Town	4	1	25.0		0.0		0.0	1	100.0		0.00	3	75.0
27	Bishoftu Admin Town	78	77	98.7		0.0	46	59.7	31	40.3		0.00	1	1.3
28	Burayu Admin Town	91	57	62.6	4	7.0	46	80.7	7	12.3		0.00	34	37.4
29	Dukem Admin Town	17	13	76.5		0.0	12	92.3	1	7.7		0.00	4	23.5
30	Gelan Admin Town	12	9	75.0		0.0	9	100.0		0.0		0.00	3	25.0
31	Holota Admin Town	18	16	88.9		0.0	16	100.0		0.0		0.00	2	11.1
32	Jima Admin Town	50	44	88.0	3	6.8	34	77.3	6	13.6	1	2.27	6	12.0
33	L/Tafo L/Dadhi Admin Town	25	17	68.0		0.0	8	47.1	9	52.9		0.00	8	32.0
34	Modjo Admin Town	11	8	72.7		0.0	7	87.5	1	12.5		0.00	3	27.3
35	Nekemte Admin Town	42	32	76.2	1	3.1	25	78.1	6	18.8		0.00	10	23.8
36	Robe Admin Town	24	18	75.0		0.0	13	72.2	5	27.8		0.00	6	25.0
37	Sebeta Admin Town	89	64	71.9	4	6.3	58	90.6	2	3.1		0.00	25	28.1
38	Shashemenne Admin Town	71	69	97.2	15	21.7	35	50.7	19	27.5		0.00	2	2.8
39	Sululta Admin Town	35	26	74.3	2	7.7	22	84.6	2	7.7		0.00	9	25.7
40	Woliso Admin Town	12	11	91.7		0.0	6	54.5	5	45.5		0.00	1	8.3
Oromia		15086	12445	82.5	1802	14.5	9562	76.834	1080	8.7	1	0.01	2641	17.51

Source Oromia Education Bureau - Inspection Directorate

2.3. EDUCATION INTERNAL EFFICIENCY

2.3.1. Primary Education Internal Efficiency

Education system is said to be efficient if maximum output is obtained from a given input or if a given output is obtained with minimum possible input within a minimum number of years. In education system both dropout and repetition are alarms that reduce an efficient system to the minimum.

2.3.1.1. Internal Efficiency Rate

There are several indicators used to measure the efficiency of the education system. Among these, internal efficiency rate is the one that measures the efficiency of education system throughout the years. The Internal Efficiency Rate (IER) is the ratio of number of student's years that should be ideally spent to carry out a certain number of students at the end of primary cycle out of the number of students-years effectively spent.

$$\text{IER} = \frac{\text{Student's years that should be ideally spent}}{\text{Number of student's years effectively spent}}$$

Internal Efficiency Rate (IER) is calculated with different methods such as Transverse, Longitudinal and Pseudo-Longitudinal Methods. In this case, we have used a longitudinal method for calculating internal efficiency rate.

Formula for Calculating IER by Longitudinal Method

$$\text{IER} = \frac{(\text{Survival Rate (Longitudinal Method) for the final grade}) * (\text{Duration (in years) of the education level})}{\text{SUM of Survival Rates (Survivors) From the first to the final grade of the same education level}}$$

Table 2.3. 1 Primary education Internal Efficiency Rate (IER)

Internal Efficiency Rate (IER) with Longitudinal Method in 2013 (2020/21 G.C)								
Grades	G1	G2	G3	G4	G5	G6	G7	G8
Survival Rates/Retention Rates	100.0	68.6	55.0	52.9	46.1	37.6	33.6	32.2
Efficient Students-years	258							
Effective Students-years	426							
IER	0.61							
1-IER (wasted Resource)	0.39							

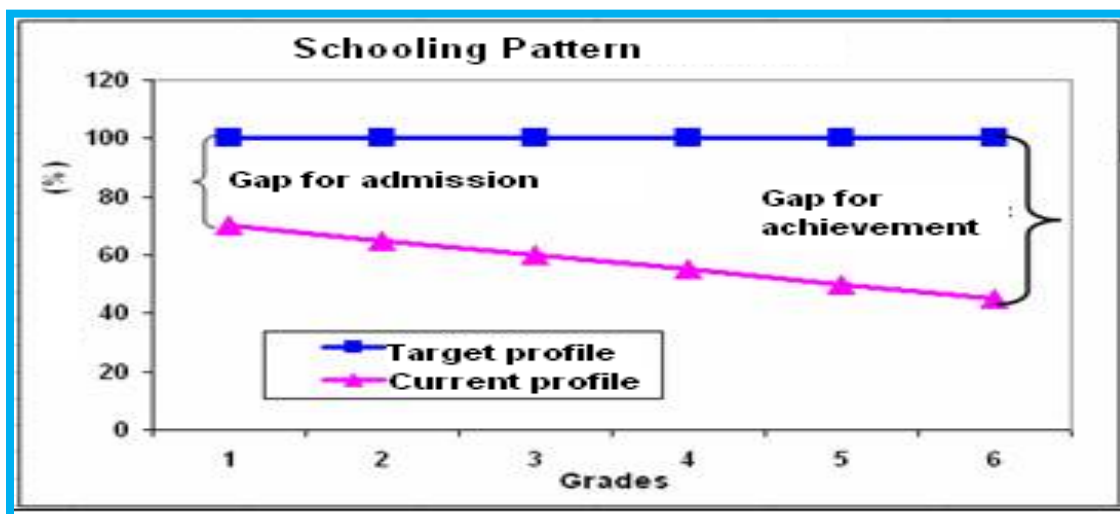
Interpretation of the Internal Efficiency Rate

Internal Efficiency Rate is a number between 0 and 1. The more this ratio closes to 1, the more the system is efficient. It is complementary to 1 (1-IER) which is interpreted as the percentage of resources wasted, because these resources have been used to finance dropouts and repetitions.

Schooling Profile /Enrolment Pattern/

The schooling profile is constituted of Age-Specific Enrolment Ratio for a given cycle of the education system.

Graph 2.3. 1 Enrolment Pattern

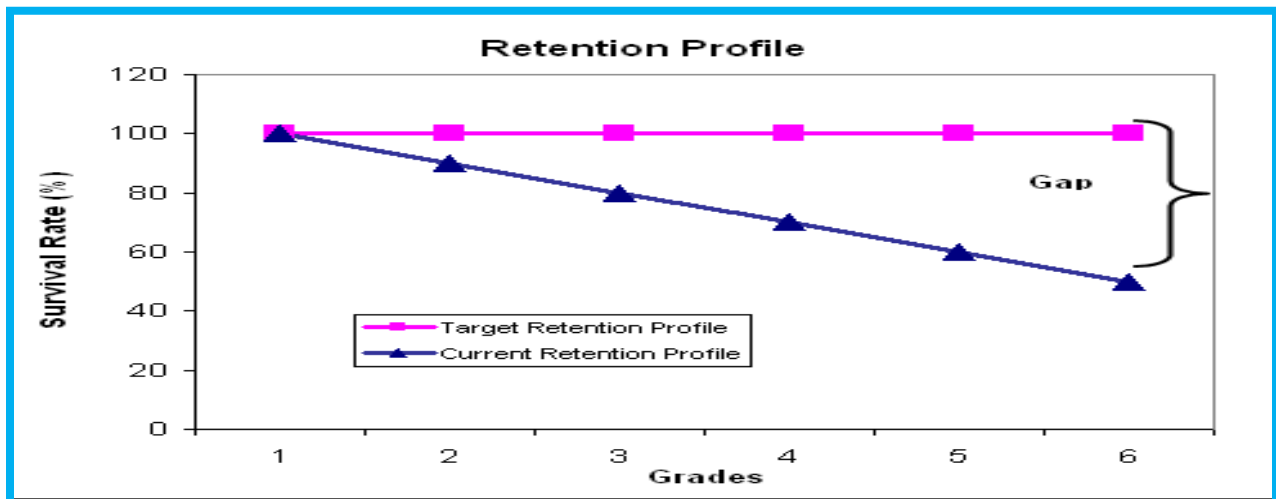


The schooling pattern is interpreted as the student flow through the education cycle. Its trend determines the efficiency of the system to keep students in the system until they complete their schooling. The value of the schooling profile resides mainly in its ability, as per indicated in graph 2.3.2 below, the level of enrolment for each grade to easily distinguish between access and retention issues. It especially distinguishes between the two main factors of weak cycle completion: weak first grade access and high dropout during the cycle. The figure graphically illustrates the most common situations in the cycle completion. Thus, a flat schooling profile constitutes retention ideal for the system (no dropout). Conversely, a slanted profile reflects the scale of dropout throughout the cycle and indicates low internal efficiency.

Retention Profile

The retention profile is constituted by the series of survival rate at each grade level. It measures the capacity of the system to keep students in the system until their schooling. Data required to determine retention profile are enrolment and news entrants by grade at least for two years

Graph 2.3. 2 Retention Profile



Survival Rate (SR)

A survival rate approaching indicates a high level of retention and low incidence of dropout. Survival rates may vary from grade to grade, giving an indication of grades with relatively more or less dropouts. The distinction between survival rates with and without repetition is necessary to compare the extent of wastage due to dropout and repetition.

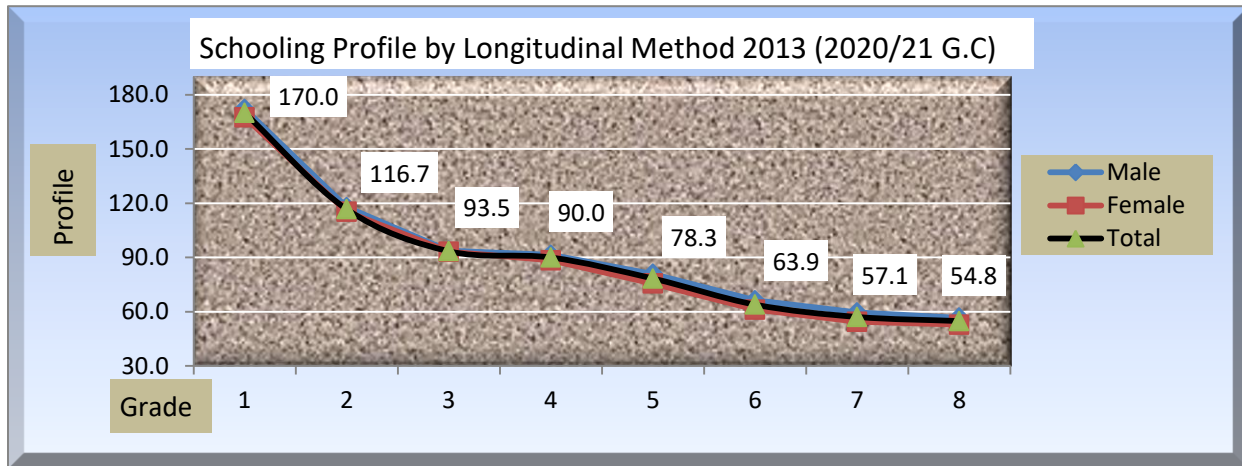
Schooling Profiles and Retention Profiles by Longitudinal Method

Schooling profiles present the advantage of providing more detailed information on enrolment while the simple average offered by the GER. It gives a visual representation of schooling careers from cycle access to completion. It also enables the analysis of retention that providing a more precise enrolment diagnosis. There are three main approaches of building schooling profiles; however, in this section we will be reviewing only the longitudinal method. This method relies on different basic information that offers a specific interpretation and complementary. The longitudinal profile follows one cohort of students through the cycle and describes their progression through the successive grades of the cycle. Data required for Longitudinal Method are, new entrants by grade for consecutive years of the total duration of education level. For instance, in Ethiopia, we need data for 8 consecutive years and population at the official school entrance age of 8 years ago to implement this method.

Table 2.3. 2 Schooling Profile by Longitudinal Methods

Survival Rate in Primary Education 2012->2013, (2019/20 G.C)													
With Longitudinal Method													
Population with 7 years old in 2006 E.C		Male	519,984										
		Female	466,239										
		Total	986,223										
New Entrants by Grade and Year		G1	G2	G3	G4	G5	G6	G7	G8				
2006	Male	895,257											
	Female	781,360											
	Total	1,676,617											
2007	Male		612,734										
	Female		537,700										
	Total		1,150,434										
2008	Male			487,224									
	Female			434,444									
	Total			921,668									
2009	Male				475,395								
	Female				412,008								
	Total				887,403								
2010	Male					420,374							
	Female					352,200							
	Total					772,574							
2011	Male						344,816						
	Female						285,291						
	Total						630,107						
2012	Male							309,536					
	Female							253,558					
	Total							563,094					
2013	Male								294,421				
	Female								246,137				
	Total								540,558				
Schooling profile,	Male	172.2%	117.8%	93.7%	91.4%	80.8%	66.3%	59.5%	56.6%				
	Female	167.6%	115.3%	93.2%	88.4%	75.5%	61.2%	54.4%	52.8%				
	Total	170.0%	116.7%	93.5%	90.0%	78.3%	63.9%	57.1%	54.8%				
Survival Rates	Male	100	68.4%	54.4%	53.1%	47.0%	38.5%	34.6%	32.9%				
	Female	100	68.8%	55.6%	52.7%	45.1%	36.5%	32.5%	31.5%				
	Total	100	68.6%	55.0%	52.9%	46.1%	37.6%	33.6%	32.2%				
Survival Rate at Grade 8th	Male	32.9%	Survival Rate at Grade 6th				Male	38.5%					
	Female	31.5%					Female	36.5%					
	Total	32.2%					Total	37.6%					
Year 2006	SAP	519,984	466,239	986,223									
Grade Level	Year	Enrolment			Repeaters			Readmiters			New Registered in the Year		
		Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Grade 1	2006										895,257	781,360	1,676,617
Grade 2	2007	672928	585807	1,258,735	48594	40196	88,790	11600	7911	19,511	612,734	537,700	1,150,434
Grade 3	2008	534075	471621	1,005,696	36563	30550	67,113	10288	6627	16,915	487,224	434,444	921,668
Grade 4	2009	519154	446910	966,064	35544	29639	65,183	8215	5263	13,478	475,395	412,008	887,403
Grade 5	2010	457022	379830	836,852	28591	22858	51,449	8057	4772	12,829	420,374	352,200	772,574
Grade 6	2011	377218	308312	685,530	25276	19314	44,590	7126	3707	10,833	344,816	285,291	630,107
Grade 7	2012	345548	283360	628,908	29550	26092	55,642	6462	3710	10,172	309,536	253,558	563,094
Grade 8	2013	305129	253613	558,742	7622	5769	13,391	3086	1707	4,793	294,421	246,137	540,558

Graph 2.3. 3 Schooling Profile by Longitudinal Method



2.3.1.2. Internal Efficiency Indicators and Flow Rate

The quantitative goals of education systems are not limited to increasing the number of children enrolled but also to ensure children who begin a cycle should complete it, and do so in the set number of years so as to not repeat. Besides to this, the pedagogical programs of each cycle are developed in such a way that to progressively provide learners with a coherent and self-reinforcing set of knowledge and skills. To the contrary, the early abandon of a cycle is thus likely to resulted in the partial or total loss of the knowledge and skills acquired in the years effectively attended. The most widely mentioned example is that of sustainable literacy, acquired during primary education. Though many children know how to read and write before the end of the cycle, it has been empirically demonstrated that a significant share of students who did not complete the primary cycle lose their literacy after a number of years.

This is to analyze the flow of pupils through a cycle and evaluating internal efficiency consists of comparing the number of children that access the first grade of the cycle with the number that reach the last grade in the set number of years (without repetition). Promotion, Repetition and Dropout rates are the paths of student flow from grade to grade and characterized the efficiency of the education system in generating graduates. These rates are used for evaluating, monitoring and projecting the efficiency of students flow in our education systems. In this publication, Table 2.3.3 below, the primary education system of Oromia Regional State can be evaluated in terms of promotion rate, repetition rate and dropout rate

Table 2.3. 3 Primary Internal Efficiency by Cycle

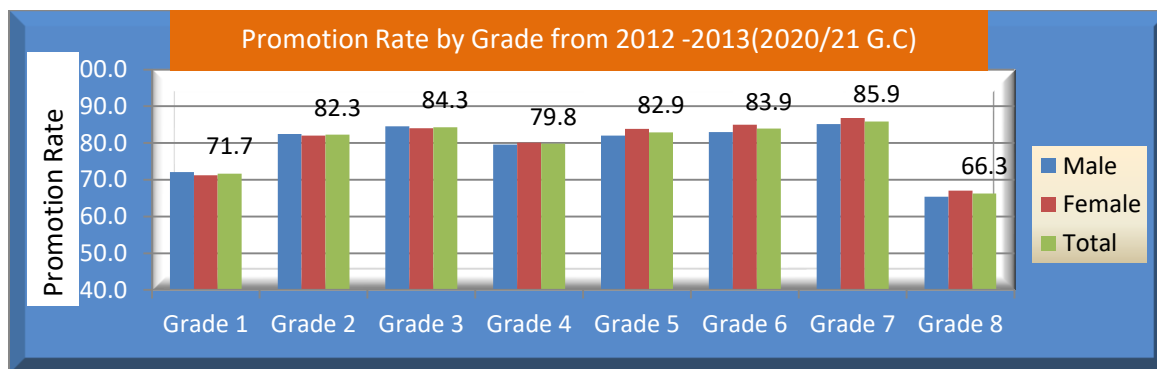
Primary Education 2012 Internal Efficiency, In 2013 E.C												
2013 E.C (2020/2021 G.C) Internal Efficiency												
Rates	Grade 1			(1-6)			(7-8)			(1-8)		
	M	F	T	M	F	T	M	F	T	M	F	T
Prom.Rate(%)	72.1%	71.3%	71.7%	79.6%	79.7%	79.7%	76.2%	78.1%	77.0%	79.1%	79.5%	79.3%
Rep.Rate(%)	3.1%	3.0%	3.1%	3.2%	3.1%	3.2%	2.6%	2.6%	2.6%	3.1%	3.0%	3.1%
Droup.Rate(%)	24.8%	25.7%	25.2%	17.2%	17.2%	17.2%	21.1%	19.4%	20.3%	17.7%	17.5%	17.6%
Internal Efficiency by Grade of 2013 (2020/2021 G.C)												
Total Pupils												
Enrolment & Rates in %	Grades											
	1	2	3	4	5	6	7	8	9			
Enr.2012	1879056	1380325	1167861	1037929	914941	709800	628908	509744				
Enr.2013	1410015	1404535	1182634	1025367	862506	785162	617591	558742	353152			
Rep.2013	58095	47762	38142	32749	26376	20456	16359	13391	12152			
Rad.2013	9091	9460	8770	8040	7071	6107	5180	4793	3127			
Transfer from other rigion	291	264	376	305	394	352	403	417	777			
Prom.Rate(%)	71.7%	82.3%	84.3%	79.8%	82.9%	83.9%	85.9%	66.3%				
Rep.Rate(%)	3.1%	3.5%	3.3%	3.2%	2.9%	2.9%	2.6%	2.6%				
Droup.Rate(%)	25.2%	14.3%	12.5%	17.0%	14.2%	13.2%	11.5%	31.1%				
Boys												
Enrolment & Rates in %	Grades											
	1	2	3	4	5	6	7	8	9			
Enr.2012	1004656	738052	626100	559070	494641	389883	345548	285015				
Enr.2013	758004	755170	634344	551547	463780	420694	335987	305129	195164			
Rep.2013	31639	25794	20665	17577	14564	11370	9078	7622	7184			
Rad.2013	5075	5325	4897	4580	4100	3525	3047	3086	1197			
Transfer from other rigion	137	136	222	127	200	159	205	203	382			
Prom.Rate(%)	72.1%	82.5%	84.5%	79.6%	82.0%	83.0%	85.1%	65.4%				
Rep.Rate(%)	3.1%	3.5%	3.3%	3.1%	2.9%	2.9%	2.6%	2.7%				
Droup.Rate(%)	24.8%	14.1%	12.2%	17.3%	15.0%	14.1%	12.2%	31.9%				
Girls												
Enrolment & Rates in %	Grades											
	1	2	3	4	5	6	7	8	9			
Enr.2012	874400	642273	541761	478859	420300	319917	283360	224729				
Enr.2013	652011	649365	548290	473820	398726	364468	281604	253613	157988			
Rep.2013	26456	21968	17477	15172	11812	9086	7281	5769	4968			
Rad.2013	4016	4135	3873	3460	2971	2582	2133	1707	1930			
Transfer from other rigion	154	128	154	178	194	193	198	214	395			
Prom.Rate(%)	71.3%	82.0%	84.0%	80.1%	83.9%	85.0%	86.8%	67.1%				
Rep.Rate(%)	3.0%	3.4%	3.2%	3.2%	2.8%	2.8%	2.6%	2.6%				
Droup.Rate(%)	25.7%	14.6%	12.8%	16.7%	13.3%	12.1%	10.6%	30.4%				

I. Primary Education Promotion Rate (PR)

Promotion Rate is the proportion of pupils enrolled in a given grades that reach the next grade in the following year. The data required in this calculation is new entrants in grade **j** for year **T** and enrolment in grade **j-1** for year **T-1**. It is also interpreted as a high level of promotion rate indicates a high level of retention or survival rate.

$$PR = \frac{\text{New entrants in grade } j \text{ for year } T}{\text{Enrolment in grade } j-1 \text{ for year } T-1} \times 100$$

Graph 2.3. 4 Primary Education Promotion Rate



II. Primary Education Repetition Rate (RR)

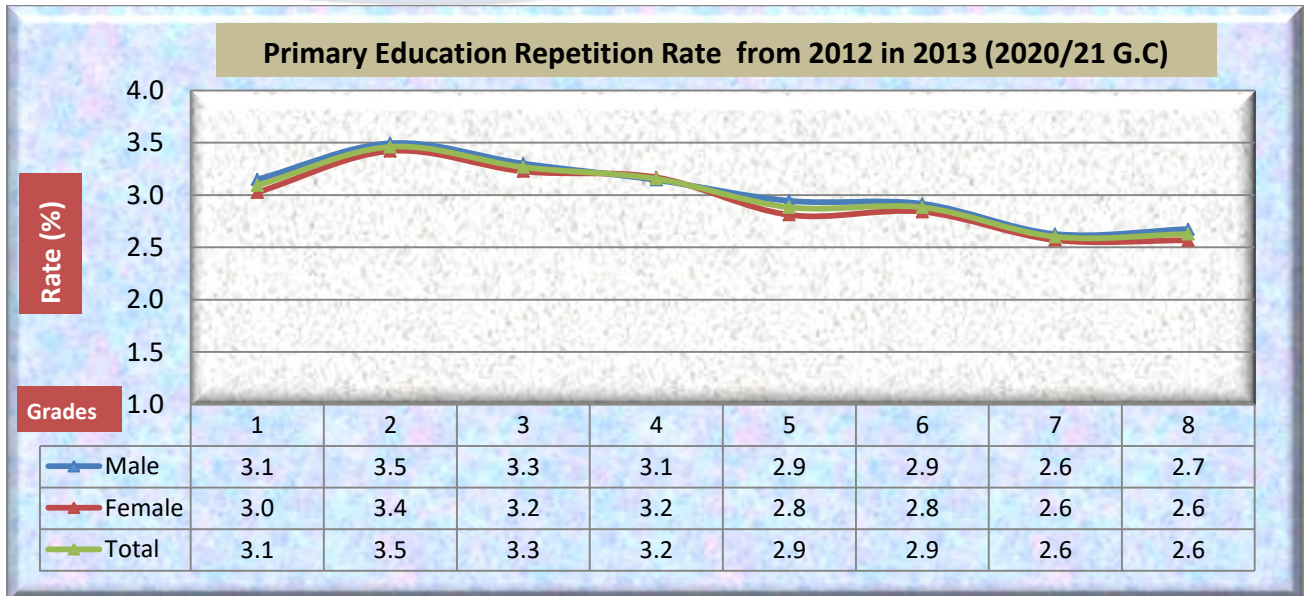
Repetition Rate is the proportion of pupils enrolled in a given grade for a given year who studied in the same grade for the previous year. Data required for this calculation is repeaters of grade **j**, in year **T** and enrollment of grade **j** of year **T-1**. It is interpreted as a high level of the repetition rate indicates a high level of repetition of grades. Repeating has directly impact on the system because of the following reasons:

1. Repeaters have wasted the resources they had used while they repeat in the same grade.
2. They occupied a school space that can be used by other new comers.

The formula to calculate Repetition Rate is;

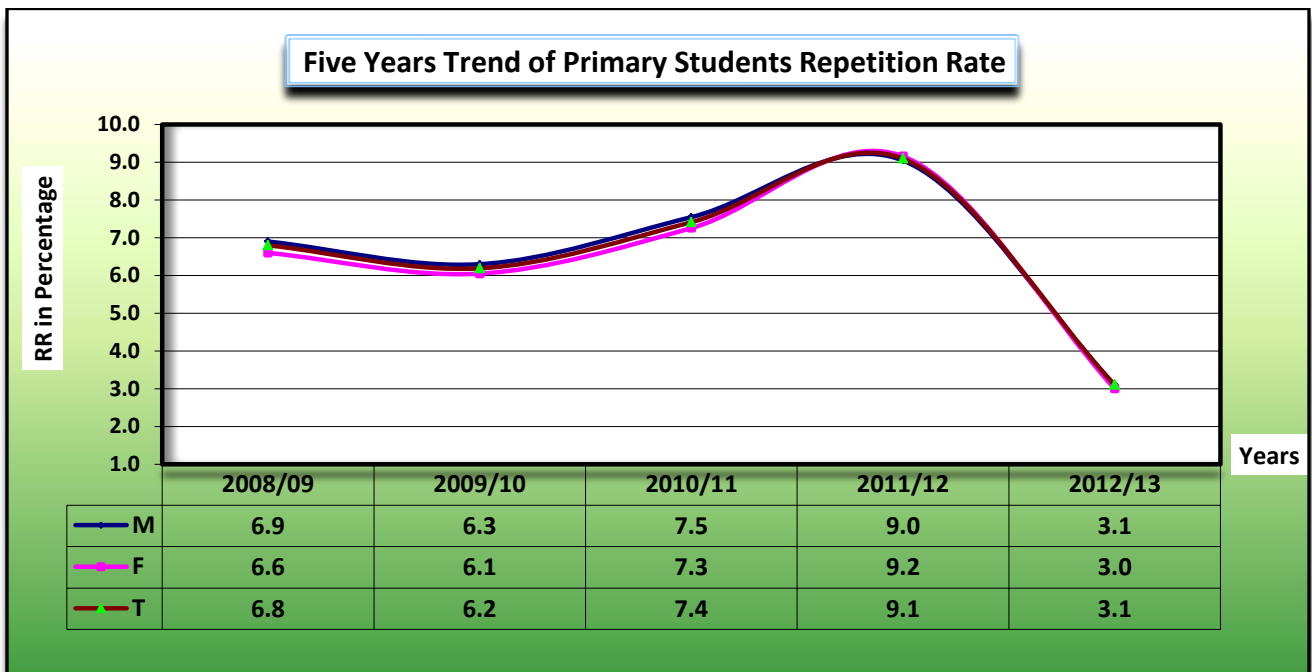
$$\text{Repetition Rate (RR)} = \frac{\text{Repeaters of grade } j, \text{ year } T}{\text{Enrolment of grade } j, \text{ year } T-1} \times 100$$

Graph 2.3. 5 Primary Education Repetition Rate



From the above graph 2.3.5 it is clear that repetition rate in grade 1 to 8 is oscillates between 2.5% and 3.5%. The repetition rate of both male and female is similar in all grades.

Graph 2.3.6 Five Years Trend of Primary Students Repetition Rate



As shown in graph 2.3.6 above repetition rate has decreased from 6.8% in 2008 (2015/16 G.C) to 3.1% in 2013 (2020/21 G.C).

III. Primary Education Dropout Rates (DR)

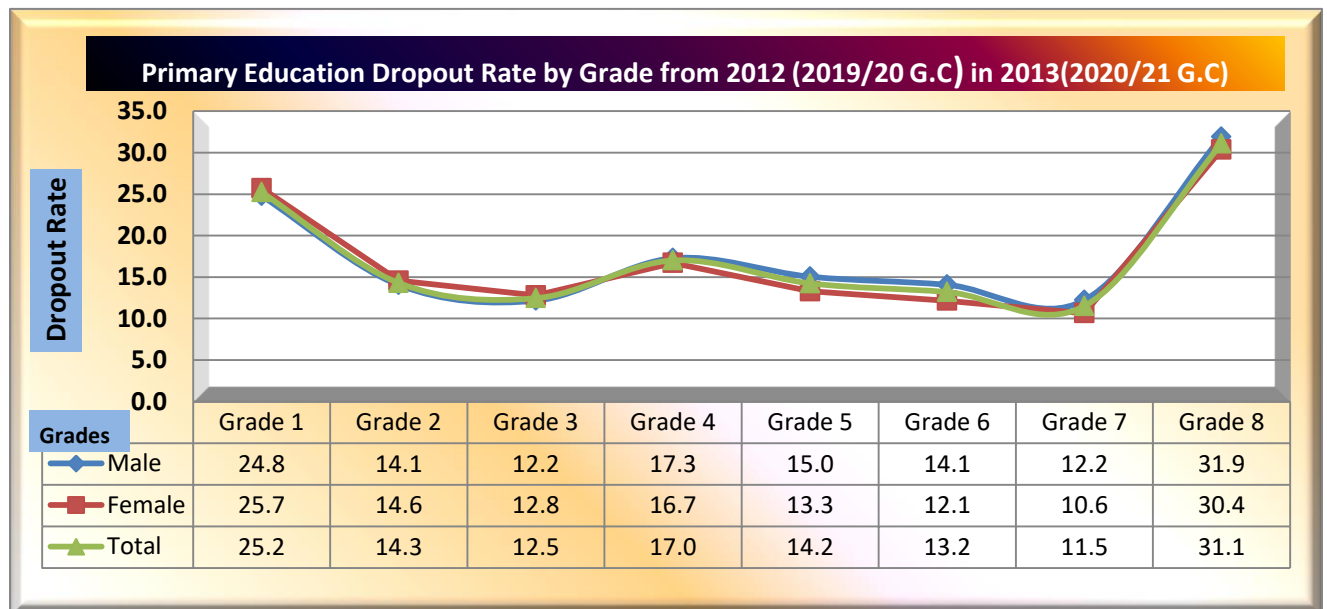
Dropout rate is the proportion of pupils who withdraw from a school in any year and who will not return back to school in the following year. It corresponds to the difference between 100% and the sum of promotion rate and repetition rates. Data required for the calculation of dropout rate are, promotion rate and repetition rate. High dropout rate is interpreted as an obstacle in the achievement of Universal Primary Education (UPE). Dropout problem has different impact on the system because of the following reasons:

1. Dropouts have wastage of resources.
2. They occupied a school space, which could use the other new comers if they readmitted.
3. They have not acquired the minimal levels of literacy and numeracy if they dropped out in early grades.

The formula to calculate dropout is,

$$\text{Dropout Rate} = (100\% - (\text{Promotion Rate} + \text{Repetition Rate}))$$

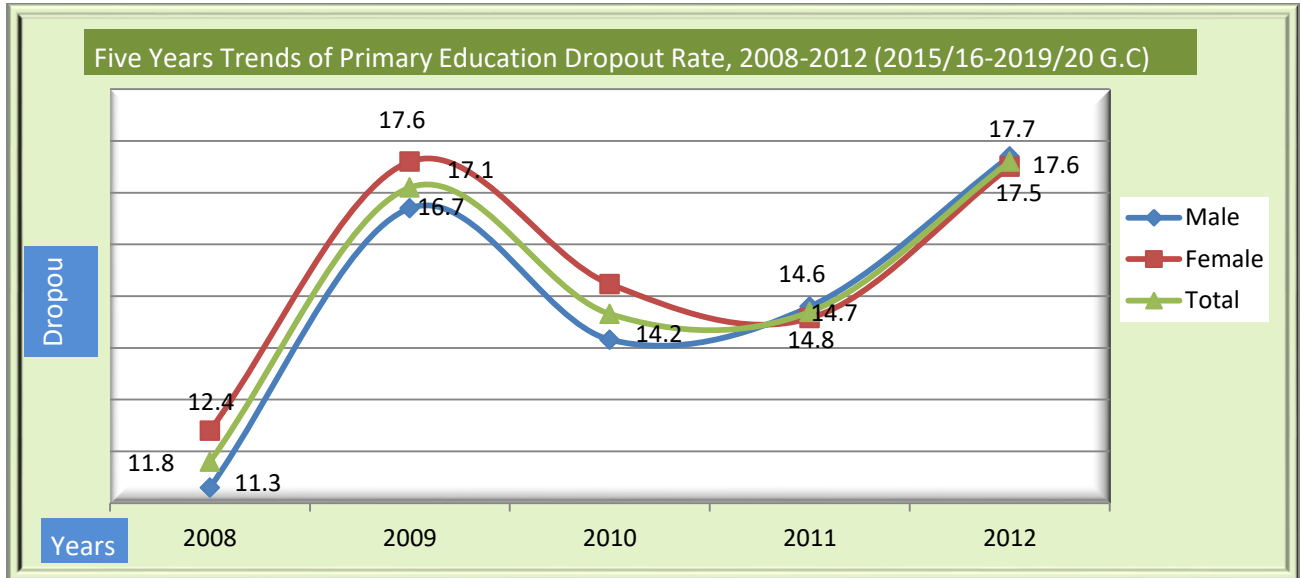
Graph 2.3. 7 Primary Education Dropout Rate by Grade



As shown on graph 2.3.7 above, the dropout rate is highest in grade 8 and lowest in grade 7 in primary education in 2012(2019/20 G.C). It was 31.0% at grade 8 and 11.5% at grade 7. Apparently graph

2.3.8 below indicates the comparison & trend of five years dropout. As shown, it has increased from 11.8% in 2008 to 17.6% in 2012. As we can see on the graph 2.3.9 below shows the trends of grade 1 dropout for last 5 years.

Graph 2.3. 8 Five Years Trend of Primary Education Dropout Rates



Graph 2.3. 9 Five Years Trend of Grade 1 Students Dropout Rates

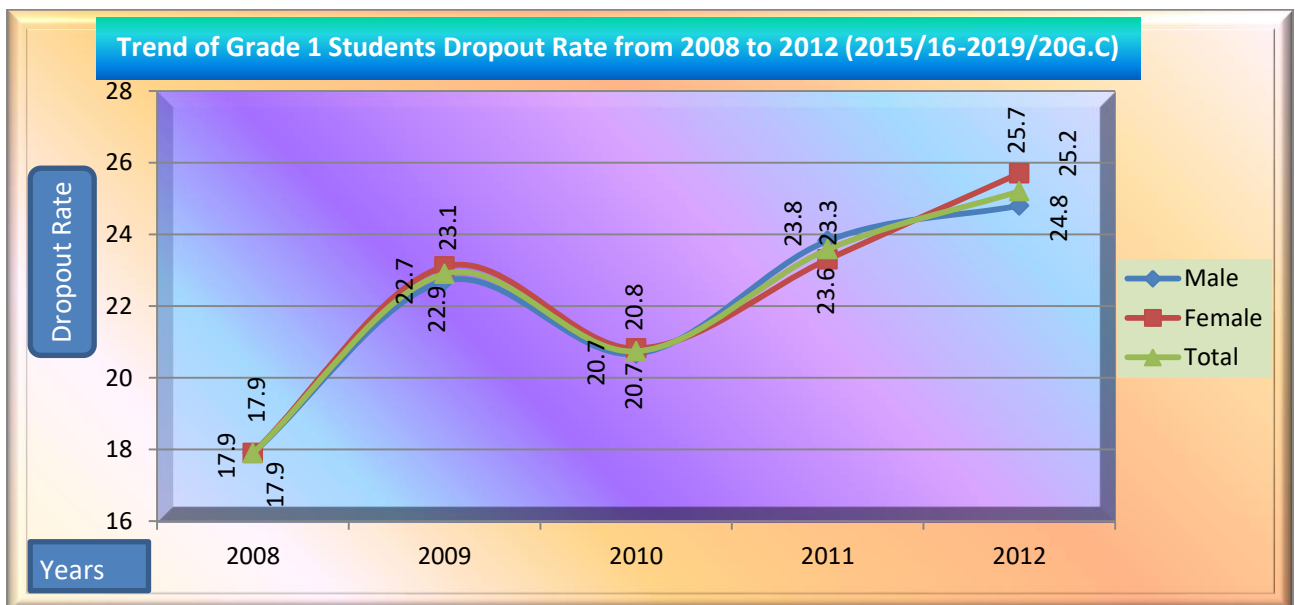


Table 2.3. 4 Primary schools Dropout Rate by Zone and Administrative Towns

Primary Schools Dropout Rate by Grade in 2012->2013, (2019/2020/21 G.C)																											
SN	Zones/Administrative Towns	1			2		3		4		5		6		(1-6)			7		8		(7-8)			(1-8)		
		M	F	T	M	F	M	F	M	F	M	F	M	F	M	F	T	M	F	M	F	M	F	T	M	F	T
1	Arsi	24.4	24.0	24.2	14.5	13.6	11.7	10.8	12.7	12.3	13.1	11.0	11.3	9.4	15.7	14.6	15.2	12.7	10.6	38.0	39.3	24.1	23.5	23.8	17.0	15.9	16.5
2	Bale	15.5	15.8	15.7	12.3	12.7	12.2	10.1	14.7	12.4	13.2	11.3	14.0	13.7	13.7	12.9	13.4	13.2	12.5	40.7	41.7	25.5	25.5	25.5	15.2	14.5	14.9
3	Borana	17.3	20.4	18.8	10.5	9.5	10.0	12.2	15.1	18.5	13.1	12.0	10.7	19.1	13.2	15.4	14.2	3.7	8.6	22.3	19.1	12.4	13.3	12.8	13.1	15.1	14.1
4	Buno Beddelle	25.0	24.7	24.8	14.8	13.8	12.1	11.7	19.9	19.6	18.2	16.2	18.4	18.5	18.6	18.0	18.3	17.2	13.5	36.0	28.8	25.6	20.2	23.1	19.7	18.3	19.0
5	East Bale	22.9	24.3	23.6	19.7	19.0	16.2	16.6	21.5	22.2	19.0	20.6	22.9	20.1	20.4	20.9	20.6	19.7	19.1	34.7	34.8	26.5	26.0	26.3	21.2	21.4	21.3
6	East Hararge	12.1	15.5	13.8	7.4	10.8	6.9	10.6	19.4	23.2	14.6	16.8	14.8	16.1	11.8	14.9	13.1	13.2	16.7	35.7	33.6	22.9	23.4	23.1	13.0	15.6	14.1
7	East Shoa	23.3	20.3	21.8	13.2	9.6	12.1	8.7	17.3	13.1	15.1	10.8	15.0	10.4	16.7	12.9	14.9	14.9	12.4	40.7	38.3	26.5	24.0	25.3	18.1	14.6	16.5
8	East Wollega	27.6	26.6	27.1	12.3	12.8	11.4	10.3	13.6	12.4	13.5	10.9	11.3	7.9	16.3	14.9	15.6	9.6	8.4	26.7	27.8	17.3	16.7	17.0	16.4	15.1	15.8
9	Guji	33.1	37.2	35.2	16.0	20.7	15.1	20.4	19.4	23.6	18.4	17.8	17.0	16.6	21.4	25.2	23.1	13.3	15.9	38.9	38.5	24.6	25.5	24.9	21.9	25.3	23.3
10	Horo Guduru Wollega	26.3	26.3	26.3	11.9	10.5	9.7	6.4	9.3	6.3	9.1	10.1	5.8	5.6	13.3	12.0	12.7	2.7	2.5	8.9	9.5	5.6	5.6	5.6	11.9	10.9	11.4
11	Ilu Aba Bora	22.3	21.6	22.0	11.2	9.4	10.9	10.1	16.5	15.4	15.5	14.5	13.1	13.7	15.5	14.6	15.1	11.6	9.7	34.9	33.3	22.2	20.3	21.3	16.7	15.6	16.2
12	Jimma	18.0	16.4	17.2	12.3	9.7	12.5	11.8	18.0	15.9	16.3	13.4	16.1	13.7	15.6	13.6	14.6	15.3	13.3	47.7	48.5	29.6	29.0	29.3	17.6	15.9	16.8
13	Kellem Wollega	39.1	39.4	39.2	21.0	20.6	17.0	16.7	20.1	19.4	17.9	17.7	17.4	14.3	24.2	23.6	23.9	14.8	12.5	24.4	23.6	19.2	17.5	18.4	23.3	22.6	23.0
14	North Shoa	23.7	23.0	23.3	16.4	16.6	15.7	15.0	23.4	21.5	18.4	16.0	18.5	15.2	19.6	18.3	19.0	13.4	12.9	29.2	25.0	20.4	18.2	19.4	19.7	18.3	19.0
15	OSZS Finfinne	14.4	11.9	13.2	6.1	5.3	3.8	4.5	10.6	10.9	8.9	7.1	6.1	4.0	8.8	7.7	8.3	4.9	3.7	39.7	38.7	21.1	19.6	20.4	10.7	9.6	10.2
16	South West Shoa	32.2	31.4	31.8	18.0	16.0	14.1	13.0	17.2	14.2	11.9	11.9	12.3	11.2	20.0	18.7	19.4	11.8	9.4	35.2	37.9	22.2	22.1	22.1	20.3	19.1	19.7
17	West Arsi	35.7	36.0	35.9	20.0	21.0	14.9	16.3	16.2	14.6	16.4	13.6	15.3	12.6	22.7	22.7	22.7	12.6	12.3	36.4	38.2	23.5	23.7	23.6	22.8	22.8	22.8
18	West Guji	32.4	36.3	34.4	14.2	17.1	10.8	15.8	16.5	16.5	16.8	14.6	16.1	13.1	19.9	22.4	21.0	13.9	13.0	41.3	34.6	26.9	22.4	25.4	20.9	22.4	21.6
19	West Hararge	23.6	27.5	25.5	16.4	20.8	14.4	18.9	26.6	29.8	18.4	20.1	20.6	20.6	20.2	23.8	21.8	16.0	14.6	37.5	33.2	25.3	22.3	24.3	20.7	23.7	22.0
20	West Shoa	29.7	28.7	29.2	14.5	13.6	13.1	11.0	14.2	12.2	13.1	11.5	9.2	7.7	17.4	15.9	16.7	8.6	6.3	23.3	22.3	15.1	13.1	14.2	17.0	15.5	16.3
21	West Wollega	24.3	22.9	23.6	11.1	10.2	9.2	8.9	15.1	15.1	12.3	11.0	10.2	9.2	14.5	13.5	14.0	9.1	8.3	17.3	16.6	12.8	11.9	12.4	14.1	13.2	13.7
22	Adama Admin Town	26.7	27.0	26.8	20.3	19.1	13.1	9.5	13.8	11.7	14.9	2.3	11.6	7.6	17.4	14.0	15.6	7.9	4.6	24.4	20.9	16.4	9.8	12.9	17.2	13.0	15.0
23	Ambo Admin Town	16.2	17.1	16.7	11.5	12.4	7.1	8.6	7.2	6.3	10.1	1.6	3.5	6.9	9.2	9.8	9.6	3.0	4.1	2.7	3.1	3.7	5.1	3.9	3.8	5.4	4.7
24	Asalla Admin Town	26.6	26.8	26.7	16.0	13.4	13.1	6.7	5.9	3.0	6.4	7.6	4.3	8.5	12.8	11.6	12.2	2.0	2.9	4.3	3.1	4.2	3.2	3.2	6.6	4.7	5.6
25	Batu Admin Town	25.5	24.2	24.9	16.8	9.4	12.0	12.5	3.4	4.3	15.7	4.0	6.2	4.6	13.9	7.9	10.9	8.7	5.2	3.3	0.5	6.1	3.0	4.6	12.1	6.8	9.5
26	Bishan Gurracha Admin Town	20.4	25.2	22.8	7.0	6.0	2.9	0.6	0.7	2.6	11.7	2.4	4.1	5.9	4.3	6.6	5.4	1.2	20.2	10.6	4.5	1.5	14.2	7.5	3.9	7.6	5.7
27	Bishoftu Admin Town	16.3	19.5	17.9	10.6	11.7	10.9	8.3	11.6	10.7	10.0	7.5	9.9	9.7	11.8	11.7	11.7	5.8	7.1	12.7	17.8	9.2	12.2	10.9	11.2	11.8	11.6
28	Burrayyu Admin Town	40.7	38.9	39.8	22.7	22.3	15.4	14.0	19.1	12.2	18.7	6.5	15.4	6.9	24.6	20.5	22.4	7.9	2.9	39.9	30.6	24.6	16.9	20.2	24.6	19.9	22.0
29	Dukam Admin Town	20.0	27.2	23.6	11.1	16.9	3.7	4.5	6.7	3.2	4.8	4.9	21.1	8.6	9.8	11.2	10.5	5.1	4.9	20.5	21.9	12.4	9.3	10.7	10.4	10.8	10.6
30	Galan Admin Town	38.5	34.8	36.6	27.3	15.6	15.1	13.3	5.0	14.9	13.6	6.6	17.8	3.5	23.1	18.0	20.5	10.3	3.1	10.0	9.4	10.2	4.0	4.9	20.7	14.6	17.6
31	Holeta Admin Town	22.9	25.1	24.0	8.1	8.2	11.2	10.6	14.2	8.1	10.9	10.5	6.1	4.5	13.0	12.4	12.7	12.6	6.3	0.8	5.2	1.8	5.8	4.0	10.6	10.9	10.8
32	Jimma Admin Town	24.5	25.6	25.1	12.8	11.7	8.2	12.1	7.2	10.2	15.6	11.3	3.5	0.6	13.2	13.2	13.2	9.2	7.1	22.9	7.5	16.0	7.3	11.5	13.8	12.1	12.9
33	L/T/L/Dadhi Admin Town	23.0	26.5	24.8	25.9	16.4	19.7	10.5	21.9	21.1	9.3	1.6	16.5	10.5	20.5	15.9	18.1	4.8	1.4	15.3	10.7	9.8	5.6	7.5	18.7	14.2	16.4
34	Mojo Admin Town	14.6	10.6	12.6	12.1	14.1	9.9	7.7	4.2	4.7	6.8	6.1	4.6	5.1	7.9	7.0	7.4	3.1	4.3	7.2	5.8	5.1	2.7	3.7	7.3	5.9	6.6
35	Nekemte Admin Town	15.6	13.2	14.4	4.1	2.6	3.9	3.9	6.2	2.5	7.4	4.5	4.5	1.8	7.5	5.1	6.2	9.7	3.2	2.3	2.0	3.4	2.9	2.1	5.6	1.2	3.2
36	Robe Admin Town	18.0	13.8	15.9	16.4	13.1	12.6	9.7	19.4	6.3	16.4	10.3	9.7	3.2	15.7	9.3	12.6	11.6	6.1	4.1	3.3	3.4	1.4	2.4	13.2	7.7	10.5
37	Sabata Admin Town	31.3	32.5	31.9	20.1	17.9	17.4	15.8	14.1	16.3	16.9	13.9	18.0	20.0	20.8	20.6	20.7	14.8	7.9	34.8	41.4	24.3	25.0	24.7	21.4	21.4	21.4
38	Shashamane Admin Town	54.1	56.7	55.4	35.1	32.8	29.0	31.4	25.1	27.3	24.5	24.4	20.3	10.6	34.0	34.0	34.0	13.0	16.5	3.3	7.0	8.1	11.8	9.9	28.8	29.8	29.3
39	Sululta Admin Town	33.3	38.6	36.0	24.3	22.6	19.4	16.5	16.9	8.4	11.6	4.7	19.1	15.6	22.3	20.1	21.2	11.8	9.8	24.1	20.5	17.7	14.8	16.1	21.5	19.1	20.3
40	Woliso Admin Town	27.4	20.6	24.1	17.3	20.4	9.4	12.8	9.1	14.6	10.3	9.3	10.8	8.2	15.1	15.1	15.1	12.7	6.9	1.0	2.0	2.0	3.0	3.0	8.0	9.2	8.7
Oromia		24.8	25.7	25.2	14.1	14.6	12.2	12.8	17.3	16.7	15.0	13.3	14.1	12.1	17.2	17.2	17.2	12.2	10.6	31.9	30.4	21.1	19.4	20.3	17.7	17.5	17.6

IV. Transition Rate (TR)

Transition Rate is new entrants to the first grade of primary second cycle (7th grade) or the beginning of secondary first cycle (9th grade) in a given year which can be expressed as a percentage of the number of pupils enrolled in the final grade of primary first cycle or primary second cycle education in the previous academic year respectively. Data required for calculating is new entrants in the first grade of primary second cycle or first grade of secondary first cycle for a given Year **T**, *and* total enrollment in final grade of primary first cycle or primary second cycle for Year **(T-1)**. For example, if the increment of transition rate of primary students to secondary is raised, in the same way the proportion of pupils from primary education who reaches secondary education also elevated up. Method of calculation for **TR** is the following;

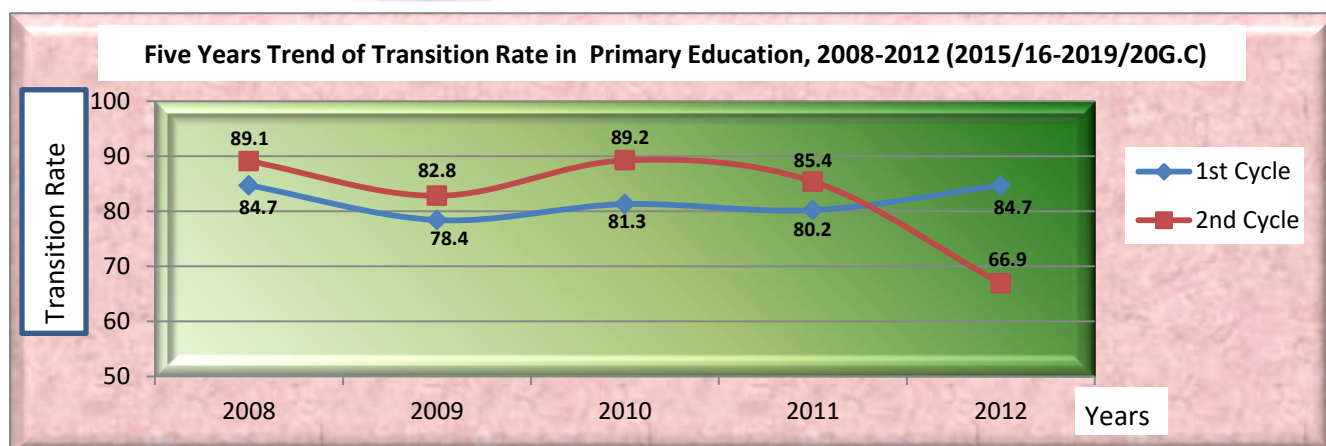
$$\text{Grade 6 Transition Rate or TR to grade 7} = \frac{\text{New entrants in 7 th for Year T}}{\text{Enrolment of 6 th for Year T - 1}} \times 100$$

$$\text{Grade 8 Transition rate or TR to grade 9} = \frac{\text{New entrants in 9th for Year T}}{\text{Enrolment of 8th for Year T - 1}} \times 100$$

Table 2.3. 5 Primary Education First and Second Cycle Transition Rate

Primary Education Transition Rate 2012->2013, (2019/2020/21 G.C)							
SN	ZONE	Primary First Cycle TR			Primary Second Cycle TR		
		M	F	T	M	F	T
1	Arsi	86.7	88.5	87.5	59.6	58.7	59.2
2	Bale	84.6	84.5	84.5	57.7	57.7	57.7
3	Borana	88.4	80.4	84.6	77.1	80.7	78.7
4	Buno Beddelle	78.7	78.8	78.8	60.8	67.7	63.9
5	East Bale	75.7	78.0	76.6	63.9	64.7	64.2
6	East Hararge	79.6	77.3	78.7	60.0	62.7	60.9
7	East Shoa	83.1	87.9	85.4	56.0	58.7	57.3
8	East Wollega	86.9	90.2	88.5	72.3	71.6	72.0
9	Guji	81.7	81.7	81.7	58.9	60.5	59.5
10	Horo Guduru Wollega	93.5	93.7	93.6	90.7	90.4	90.6
11	Illu Aba Bora	85.0	84.6	84.8	62.7	65.0	63.7
12	Jimma	81.4	83.9	82.6	50.2	49.8	50.0
13	Kellem Wollega	80.9	83.6	82.2	72.8	74.8	73.7
14	North Shoa	80.7	84.2	82.3	70.6	75.9	73.0
15	OSZS Finfinne	92.7	94.5	93.5	56.5	58.3	57.3
16	South West Shoa	85.3	86.5	85.9	62.2	59.8	61.1
17	West Arsi	82.8	85.4	84.0	62.2	60.7	61.6
18	West Guji	82.8	85.6	83.9	57.9	66.0	60.6
19	West Hararge	77.4	76.7	77.1	59.6	64.4	61.2
20	West Shoa	88.4	89.8	89.0	74.5	76.2	75.2
21	West Wollega	88.3	89.2	88.8	81.4	83.0	82.1
22	Adama Admin Town	88.4	92.5	90.5	74.3	78.2	76.4
23	Ambo Admin Town	104.1	92.2	97.6	100.0	100.0	100.0
24	Asalla Admin Town	96.1	91.2	93.5	100.0	100.0	100.0
25	Batu Admin Town	94.2	102.0	98.0	96.6	100.9	98.5
26	Bishan Gurracha Admin Town	98.3	96.1	97.3	90.4	95.5	92.5
27	Bishoftu Admin Town	92.1	91.8	91.9	85.7	79.6	82.2
28	Burrayyu Admin Town	86.8	95.0	91.4	57.3	65.0	61.6
29	Dukam Admin Town	79.4	91.1	85.4	79.6	78.2	78.9
30	Galan Admin Town	84.3	97.0	90.7	89.5	90.6	90.0
31	Holeta Admin Town	93.9	94.6	94.2	104.3	86.2	94.1
32	Jimma Admin Town	96.2	99.0	97.6	76.8	91.9	84.6
33	L/T/L/Dadhi Admin Town	83.8	89.2	86.7	81.2	88.5	85.0
34	Mojo Admin Town	94.9	94.6	94.7	94.9	92.9	93.7
35	Nekemte Admin Town	95.3	97.6	96.6	100.0	100.0	100.0
36	Robe Admin Town	90.7	102.5	96.2	100.0	100.0	100.0
37	Sabata Admin Town	81.0	79.6	80.3	61.6	56.5	58.7
38	Shashamanne Admin Town	80.6	89.3	84.8	93.5	88.6	91.1
39	Sululta Admin Town	80.9	84.3	82.7	74.0	78.5	76.4
40	Woliso Admin Town	86.5	90.2	88.5	100.0	100.0	100.0
Oromia		83.8	85.7	84.7	66.0	68.1	66.9

Graph 2.3. 10 Five Years Trend of Transition Rate in Primary Education



V. Primary Completion Rate

Primary Completion Rate is highly dependent on the accuracy of the single age population for both points of measurement (for Grade 8, age 14 and for Grade 6 age 12). Table 3.1.6 below shows the Completion Rates for both Grade 6 and Grade 8.

A high primary completion rate indicates a high degree of coverage, whether the pupils belong to the population of official/typical graduation age (14 years) or not. A school is classified as incomplete when it does not offer all the grades of a given cycle. In such cases the risk of dropout is high, especially if no alternative school nearby offers the missing grades.

Definition: Total number of new entrants who registered for grade 8 leaving examination regardless of age, expressed as percentage of the total population aged 14 years. The Primary Completion Rate is internationally an established measure of the outcomes of an education system and calculated with the following formula, Where;

“New entrant in last Grade” = (Total pupils in last Grade (Grade 8) – repeaters in last grade (grade 8))

$$\text{Completion Rate} = \frac{\text{New entrant in last Grade}}{\text{Population of official age in last grade}}$$

Bishan Gurracha Administrative Town, Borena and North Shoa zone are the least performing zones of primary completion rate by having 26.8%, 35.9% and 38.0% respectively by the year 2013 (2020/21 G.C).

Table 2.3. 6 Primary Education Completion Rate by Zone and Administrative town

Primary Education Completion Rate by Zone 2013, (2020/21G.C)							
SN	ZONE	Primary Grade 6 Completion Rate			Primary Grade 8 Completion Rate		
		M	F	T	M	F	T
1	Arsi	81.8	78.4	80.1	59.3	50.3	54.7
2	Bale	102.5	88.1	95.6	58.8	49.8	54.4
3	Borana	56.8	53.6	55.3	38.2	33.5	35.9
4	Buno Beddelle	90.2	81.4	85.8	75.5	69.3	72.5
5	East Bale	85.7	61.6	74.1	48.7	33.2	41.3
6	East Hararge	85.3	57.3	71.8	62.5	36.4	50.2
7	East Shoa	72.0	70.0	71.0	48.7	47.6	48.2
8	East Wollegga	94.5	94.7	94.6	68.5	60.5	64.5
9	Guji	99.2	71.2	85.5	69.5	41.9	56.2
10	Horo Guduru Wollega	100.0	99.7	99.8	83.5	78.4	80.9
11	Ilu Aba Bora	73.5	62.8	68.0	59.0	50.4	54.6
12	Jimma	95.4	94.9	95.1	75.2	77.4	76.3
13	Kellem Wollegga	83.1	71.2	77.0	72.3	58.6	65.3
14	North Shoa	63.6	57.7	60.7	39.5	36.4	38.0
15	OSZS Finfinne	80.9	72.8	77.0	52.4	48.5	50.5
16	South West Shoa	81.2	70.5	76.0	49.7	42.4	46.1
17	West Arsi	68.6	62.1	65.4	50.0	40.0	45.0
18	West Guji	89.4	65.3	77.5	68.1	43.3	56.3
19	West Hararge	80.9	55.6	68.7	49.8	31.4	41.1
20	West Shoa	82.8	75.7	79.3	58.0	50.9	54.4
21	West Wollega	85.4	79.3	82.3	72.8	59.8	66.0
22	Adama Admin Town	100.0	100.0	100.0	100.0	100.0	100.0
23	Ambo Admin Town	100.0	100.0	100.0	100.0	100.0	100.0
24	Asalla Admin Town	100.0	100.0	100.0	100.0	100.0	100.0
25	Batu Admin Town	100.0	100.0	100.0	100.0	100.0	100.0
26	Bishan Gurracha Admin Town	35.8	39.5	37.5	27.3	26.2	26.8
27	Bishoftu Admin Town	100.0	100.0	100.0	100.0	100.0	100.0
28	Burrayyu Admin Town	100.0	100.0	100.0	100.0	100.0	100.0
29	Dukam Admin Town	100.0	100.0	100.0	100.0	100.0	100.0
30	Galan Admin Town	100.0	100.0	100.0	100.0	100.0	100.0
31	Holeta Admin Town	100.0	100.0	100.0	100.0	100.0	100.0
32	Jimma Admin Town	100.0	100.0	100.0	100.0	100.0	100.0
33	L/T/L/Dadhi Admin Town	100.0	100.0	100.0	100.0	100.0	100.0
34	Mojo Admin Town	100.0	100.0	100.0	87.0	99.0	94.8
35	Nekemte Admin Town	100.0	100.0	100.0	100.0	100.0	100.0
36	Robe Admin Town	100.0	100.0	100.0	100.0	100.0	100.0
37	Sabata Admin Town	100.0	100.0	100.0	100.0	100.0	100.0
38	Shashamanne Admin Town	100.0	100.0	100.0	100.0	100.0	100.0
39	Sululta Admin Town	100.0	100.0	100.0	100.0	100.0	100.0
40	Woliso Admin Town	100.0	100.0	100.0	100.0	100.0	100.0
Oromia		86.2	76.1	81.2	62.6	52.9	57.8

Table 2.3. 7 Number of Repeaters in Primary Education

Number of Repeaters in Primary Education by Grade 2013 E.C (2020/21 G.C)																										
SN	ZONE	Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		(1-6)			Grade 7		Grade 8		(7-8)			(1-8)		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	T	M	F	M	F	M	F	T	M	F	T
1	Arsi	2257	1855	2039	1782	1732	1462	1498	1261	1289	1090	1014	850	8097	6838	14935	739	616	761	639	1500	1255	2755	11329	9555	20884
2	Bale	832	653	678	563	524	444	488	417	440	355	298	245	2736	2233	4969	238	148	190	98	428	246	674	3688	2923	6611
3	Borena	289	267	212	227	197	172	152	149	107	93	65	69	825	805	1630	43	42	40	30	83	72	155	1105	1049	2154
4	Buno Beddele	668	534	603	496	489	454	442	431	413	400	325	279	2451	2140	4591	265	241	239	232	504	473	977	3444	3067	6511
5	East Bale	247	169	286	215	208	162	204	131	180	122	138	98	1055	735	1790	89	61	66	31	155	92	247	1418	989	2407
6	East Hararge	8221	6877	6691	5281	5365	4490	4235	3543	3253	2352	2566	1712	24966	19765	44731	1791	1174	1068	570	2859	1744	4603	33190	25999	59189
7	East Shoa	844	746	670	629	490	456	440	380	358	339	305	251	2617	2345	4962	275	236	335	301	610	537	1147	3717	3338	7055
8	East Wollega	1022	913	789	702	589	524	615	561	507	406	431	369	3364	2951	6315	348	260	210	147	558	407	965	4511	3882	8393
9	Gujji	1572	1243	1215	1013	929	755	765	612	645	456	471	364	4668	3688	8356	439	279	376	195	815	474	1289	6412	4917	11329
10	Horo Guduru Wollega	348	319	204	236	204	168	203	164	195	167	117	98	1067	984	2051	111	135	55	52	166	187	353	1437	1339	2776
11	Ilu Aba Bora	564	451	357	302	328	299	303	279	279	250	234	188	1737	1470	3207	206	208	228	163	434	371	805	2499	2140	4639
12	Jima	2373	2164	2189	1972	1880	1619	1732	1605	1644	1499	1211	1096	9149	8336	17485	1071	912	709	631	1780	1543	3323	12809	11498	24307
13	Kellem Wollega	429	331	575	527	577	476	476	451	468	416	391	340	2339	2065	4404	408	316	400	298	808	614	1422	3724	3155	6879
14	North Shoa	353	264	273	231	229	181	227	169	232	155	154	111	1239	930	2169	131	94	145	103	276	197	473	1744	1308	3052
15	OSZS Finfinne	350	302	225	178	206	147	166	135	170	105	112	95	1023	815	1838	98	76	199	139	297	215	512	1526	1177	2703
16	South West Shoa	1371	1159	975	851	745	629	596	537	454	341	343	272	3739	3160	6899	273	206	238	207	511	413	924	4995	4202	9197
17	West Arsi	2661	2072	1789	1496	1210	992	950	817	696	547	599	467	6695	5399	12094	414	370	302	241	716	611	1327	8621	7002	15623
18	West Gujji	977	740	842	670	634	470	546	380	389	305	309	221	3063	2316	5379	263	183	190	138	453	321	774	4150	3107	7257
19	West Hararge	2565	2062	2084	1745	1603	1294	1310	1152	962	770	718	574	7639	6303	13942	522	389	482	266	1004	655	1659	10246	8252	18498
20	West Shoa	2231	1978	1982	1774	1583	1375	1304	1160	1054	918	861	751	7432	6581	14013	688	706	493	348	1181	1054	2235	10196	9010	19206
21	West Wollega	990	899	780	725	676	624	676	591	610	490	503	415	3559	3120	6679	452	385	346	233	798	618	1416	5033	4362	9395
22	Adama Admin Town	10	11	18	5	17	13	14	10	19	25	19	12	80	63	143	19	18	74	86	93	104	197	190	180	370
23	Ambo Admin Town	49	60	30	34	21	25	19	10	20	21	15	15	133	140	273	14	13	15	11	29	24	53	183	189	372
24	Assela Admin Town	1	1	5	4	7	8	6	5	8	8	4	11	24	29	53	10	9	14	19	23	42	50	60	110	
25	Batu Admin Town	41	40	11	9	19	6	15	6	10	9	13	4	90	68	158	20	7	13	11	33	18	51	142	92	234
26	Bishan Gurracha Admin Town	8	7	7	4	4	6	6	2	4	1	2	2	27	16	43	4	1	0	0	4	1	5	35	23	58
27	Bishoftu Admin Town	30	28	20	13	5	12	13	17	7	9	7	8	77	75	152	7	14	39	70	46	84	130	128	171	299
28	Burayu Admin Town	18	23	9	15	20	15	18	21	6	15	9	17	60	91	151	10	22	35	69	45	91	136	125	197	322
29	Dukem Admin Town	0	0	2	2	4	2	3	3	1	1	0	3	6	9	15	1	1	0	1	1	2	3	11	13	24
30	Gelan Admin Town	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	4	4	1	0	5	4	9	5	5	10
31	Holota Admin Town	3	3	4	6	4	10	3	5	10	10	5	9	25	33	58	9	10	47	77	56	87	143	85	130	215
32	Jima Admin Town	53	51	47	52	30	23	24	20	22	27	17	20	163	170	333	15	19	8	19	23	38	61	216	231	447
33	L/Tafo L/Dadhi Admin Town	9	8	7	12	10	8	9	7	10	10	9	9	44	46	90	7	7	18	17	25	24	49	79	78	157
34	Modjo Admin Town	7	5	2	3	2	3	5	2	4	4	3	6	21	20	41	2	5	10	32	12	37	49	35	60	95
35	Nekemte Admin Town	30	27	17	30	8	8	7	26	20	21	14	19	88	123	211	19	21	24	44	43	65	108	139	196	335
36	Robe Admin Town	10	7	11	8	7	8	9	13	13	9	9	7	52	44	96	5	6	8	6	13	12	25	72	64	136
37	Sebeta Admin Town	83	73	73	75	42	47	48	53	20	20	22	21	246	242	488	25	31	61	45	86	76	162	374	365	739
38	Shashemenne Admin Town	29	26	28	21	22	25	15	16	19	15	17	25	108	103	211	17	23	92	110	109	133	242	239	261	500
39	Sululta Admin Town	36	46	22	32	18	29	14	16	4	3	4	7	80	104	184	5	4	14	11	19	15	34	117	148	265
40	Woliso Admin Town	58	42	23	28	27	35	21	15	22	28	36	26	160	139	299	21	29	82	84	103	113	216	290	287	577
Oromia		31639	26456	25794	21968	20665	17477	17577	15172	14564	11812	11370	9086	100944	84494	185438	9078	7281	7622	5769	16700	13050	29750	138309	115021	253330

Table 2.3. 8 Number of Readmitted Students in Primary Education

Number of Readmitters in Primary Education by Grade 2013 E.C (2020/21 G.C)																										
SN	ZONE	Grade 1		Grade 2		Grade 3		Grade 4		Grade 5		Grade 6		(1-6)			Grade 7		Grade 8		(7-8)			(1-8)		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	T	M	F	M	F	M	F	T	M	F	T
1	Arsi	334	276	442	378	436	334	421	306	390	277	346	247	1933	1484	3417	286	206	240	145	526	351	877	2895	2169	5064
2	Bale	172	108	180	132	188	126	156	100	172	92	138	85	818	517	1335	111	61	104	44	215	105	320	1221	748	1969
3	Borena	25	21	50	31	32	24	36	26	42	34	23	21	176	133	309	25	38	37	17	62	55	117	270	212	482
4	Buno Beddele	132	131	98	90	87	80	80	67	86	78	63	49	459	415	874	50	44	43	34	93	78	171	639	573	1212
5	East Bale	27	21	71	34	78	35	62	36	64	44	64	28	288	163	451	46	17	40	10	86	27	113	452	225	677
6	East Hararge	1193	860	1143	799	1087	793	858	584	750	462	507	346	4451	3051	7502	477	262	450	182	927	444	1371	6465	4288	10753
7	East Shoa	145	117	138	117	135	119	116	86	90	67	92	66	581	453	1034	57	57	60	44	117	101	218	833	673	1506
8	East Wollega	206	158	190	126	168	135	146	131	153	115	144	104	839	634	1473	105	74	112	65	217	139	356	1224	908	2132
9	Gujji	285	246	297	261	295	231	303	240	279	190	227	185	1391	1122	2513	180	131	220	130	400	261	661	2086	1614	3700
10	Horo Guduru Wollega	95	73	71	59	58	67	62	53	50	52	47	40	325	277	602	42	32	38	21	80	53	133	463	397	860
11	Ilu Aba Bora	112	74	71	60	71	64	80	55	78	56	61	38	402	283	685	55	46	72	41	127	87	214	600	434	1034
12	Jima	313	282	322	248	324	249	313	247	283	203	285	206	1516	1186	2702	204	169	260	139	464	308	772	2304	1743	4047
13	Kellem Wollega	82	65	158	137	157	137	169	113	166	120	179	106	754	541	1295	179	115	176	87	355	202	557	1266	880	2146
14	North Shoa	31	24	46	40	44	30	57	34	54	55	52	23	240	176	416	35	32	36	24	71	56	127	355	262	617
15	OSZS Finfinne	41	29	32	30	45	35	52	32	36	26	31	20	192	137	329	28	19	20	11	48	30	78	285	202	487
16	South West Shoa	213	185	197	172	160	163	162	136	137	117	122	101	831	711	1542	90	66	72	55	162	121	283	1153	995	2148
17	West Arsi	401	303	375	289	306	268	292	234	240	169	186	165	1494	1160	2654	173	98	167	98	340	196	536	2140	1624	3764
18	West Gujji	155	114	233	157	181	143	189	145	155	101	143	91	875	608	1483	128	78	182	94	310	172	482	1366	923	2289
19	West Hararge	533	371	530	400	438	342	368	312	303	242	244	189	1978	1514	3492	202	164	211	105	413	269	682	2829	2125	4954
20	West Shoa	402	381	407	347	358	290	360	273	290	224	263	197	1722	1422	3144	220	173	203	128	423	301	724	2503	2013	4516
21	West Wollega	91	73	141	108	157	112	189	139	191	140	199	169	811	629	1440	199	128	215	111	414	239	653	1382	980	2362
22	Adama Admin Town	2	0	5	5	6	4	4	1	0	4	6	16	15	31	2	3	3	0	5	3	8	26	24	50	
23	Ambo Admin Town	5	6	12	7	4	1	4	2	4	4	10	5	35	24	59	11	4	7	6	18	10	28	57	35	92
24	Assela Admin Town	0	0	0	0	1	1	0	0	3	9	6	9	9	18	27	8	7	4	10	12	17	29	22	36	58
25	Batu Admin Town	4	1	17	5	13	6	12	8	7	4	11	6	51	24	75	13	2	24	13	37	15	52	101	45	146
26	Bishan Gurracha Admin Town	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	3	2	0	0	3	2	5	3	8	8
27	Bishoftu Admin Town	7	11	7	5	1	4	10	9	4	14	1	3	29	42	71	8	14	5	7	13	21	34	43	67	110
28	Burayu Admin Town	8	11	6	12	5	5	6	13	5	6	6	10	31	52	83	8	14	6	6	14	20	34	50	77	127
29	Dukem Admin Town	0	0	2	0	1	3	2	1	2	2	2	0	8	3	11	3	1	2	0	5	1	6	14	7	21
30	Gelan Admin Town	12	10	5	2	6	8	2	4	1	1	2	5	22	22	44	4	1	2	5	6	6	12	34	36	70
31	Holota Admin Town	1	1	1	2	1	1	1	2	1	2	2	0	6	7	13	1	0	3	0	4	0	4	11	8	19
32	Jima Admin Town	15	10	11	9	10	12	12	11	12	9	8	8	58	47	105	8	9	3	5	11	14	25	79	73	152
33	L/Tafo L/Dadhi Admin Town	1	2	5	4	7	6	8	6	5	7	6	5	25	24	49	8	6	4	6	12	12	24	44	42	86
34	Modjo Admin Town	0	0	2	1	0	0	2	0	1	3	0	1	5	5	10	0	2	1	1	1	3	4	6	8	14
35	Nekemte Admin Town	9	11	1	3	0	0	2	2	13	6	10	7	35	29	64	11	10	11	8	22	18	40	57	47	104
36	Robe Admin Town	5	7	7	8	8	3	7	7	9	12	14	11	42	45	87	12	6	8	5	20	11	31	70	59	129
37	Sebeta Admin Town	9	16	13	14	9	8	16	12	4	6	8	13	50	61	111	5	10	6	11	11	21	32	70	90	160
38	Shashemenne Admin Town	1	2	7	6	1	6	3	1	7	4	8	4	26	17	43	33	17	20	16	53	33	86	80	56	136
39	Sululta Admin Town	2	6	14	23	6	9	5	13	1	5	6	3	28	50	78	4	6	3	4	7	10	17	41	69	110
40	Woliso Admin Town	6	10	18	14	12	16	13	16	11	13	5	10	53	63	116	13	9	16	19	29	28	57	94	107	201
Oromia		5075	4016	5325	4135	4897	3873	4580	3460	4100	2971	3525	2582	22605	17164	39769	3047	2133	3086	1707	6133	3840	9973	33635	24877	58512

2.3.1.3. Primary Education Cohort Analysis

A cohort defined as a group of persons who jointly experience a series of specific events over a period of time. Accordingly, we may define a pupil cohort as a group of pupils who join the first grade of a given cycle in the same school year; subsequently experience the events of promotion, repetition, dropout or successful completion of the final grade, each in his/her own way.

I. Flow Rats Using Data on Enrolment and Repeaters

The methodology of the reconstructed cohort flow model is based on the fundamental concept that for pupils enrolled in a given grade in a given year, there can be only three eventualities: (a) some of them will be promoted to the next higher grade in the next school year; (b) others will repeat the same grade in the next school year; and (c) the remaining pupils will drop-out of school in the course of the year.

II. Hypothetical Flow Diagram of the Cohort through Primary Education

Assumption of Cohort Analysis

The flow of a fictitious cohort of 1,000 pupils through the primary education cycle of our Region can be reconstructed as stated below based on three assumptions:

At any given grade, the same rates of repetition, promotion, and dropout are applied, regardless of whether a pupil has reached that grade directly or after one or more repetitions (hypothesis of homogenous behavior). It also assumes that no pupil skips a grade, i.e., there is no double promotion.

There will be no additional pupils (new entrants) in any of the subsequent years during the life time of the cohort, other than original cohort of 1,000 pupils; and no in-migration or out-migrations throughout the cohort years.

Pupils in a grade are allowed to repeat only twice. However, in reality a pupil may repeat a grade more than twice. In this case, the assumption remains constant and allows only for the repeating of the grade twice.

In hypothetical flow diagram of reconstruction cohort method of primary education system, one can analyze as follows. There was a total of 1,879,056 pupils registered in grade 1 in 2012.

To reconstruct the history of all pupils entering grade 1, it is easier to express this starting cohort as an index of 1,000 pupils, and all operations are consequently translated in ‘per thousand’ terms. Thus, when applying each flow-rate for grade 1 to this fictitious cohort of 1,000 pupils (instead of the actual pupils), one can find that 31 pupils repeated in grade 1 (3.1%) 252 dropped-out (25.2%), and 717 were promoted to grade 2 (71.7%) and so on. It may be noted that the first diagonal row in the diagram below (next page) is obtained by multiplying the successive promotion rates for successive grades and successive years. The repetition and dropout rates are then applied to obtain the second, the third and the fourth rows.

From this flow diagram, one can draw a number of interesting observations. For instance, out of the initial 1,000 pupils entering grade 1, 200 graduates from primary of which only 157 graduated from primary without repeating any grade; 38 graduated with a one-year delay, i.e. they repeated once; 5 graduated with two years delay, i.e. they repeated twice.

In addition, this flow diagram enables the computation of the main indicators of internal efficiency. For example, the figures in the boxes next page give the number of pupils reaching a particular grade, thus enabling the calculation of the survival rates by grade. One can observe that 740 out of the 1,000 pupils in the cohort (or 74.0%) reached grade 2. These figures can be easily derived from the upper part of the diagram, by summing the number of drop-outs from each grade and each year and subtracting that sum from the enrolment in the same grade. For grade 1, we obtain $252+8 = 260$ drop-outs, which when subtracted from 1,000 would give 740 survivals. Finally, multiplying graduates by the number of grades ($199 \times 8 = 1,592$) would give the ideal number of pupil-years required to produce the graduates. The ratio between the latter and the actual number of pupil years used by the cohort, i.e. 4,522, gives the coefficient of efficiency ($1,592 \div 4,522 = 0.3525$ or 35.3 percent).

The years input per graduate (22.7 years) is obtained by dividing the total number of pupil-years spent by the cohort (4,522) by the total number of graduates (200). The years input per graduate can then be compared to the ideal number required, which is simply the duration of the education cycle 8 years of the cohort.

Table 2.3. 9 Flow Rate in Primary Education (Both Sex)

Total Students Cohort Flow Rate by Grade, of the Year 2012->2013, (2019/20-2020/21 G.C)												
2012 E.C: OROMIA (Total)												
Grades	1	2	3	4	5	6	7	8	9	Boys and Girls		
Enr. 2012	1879056	1380325	1167861	1037929	914941	709800	628908	509744			Grade	Pupil-Year
Enr. 2013	1410015	1404535	1182634	1025367	862506	785162	617591	558742	353152		1	1032
Rep 2013	58095	47762	38142	32749	26376	20456	16359	13391	12152		2	766
Rad. 2013	9091	9460	8770	8040	7071	6107	5180	4793	3127		3	651
F_Other_Reg	291	264	376	305	394	352	403	417	777		4	567
Prom rate	0.7169	0.8225	0.8428	0.7984	0.8287	0.8392	0.8589	0.6613			5	466
Rep rate	0.0309	0.0346	0.0327	0.0316	0.0288	0.0288	0.0260	0.0263			6	397
Drop rate	0.2522	0.1429	0.1245	0.1701	0.1424	0.1320	0.1151	0.3124			7	342
											8	301
											Total	4522
											Output	200
											IOR	2.8
											WR	64.6
											CE	35.4
Year E.C.												
2012												
2013												
2014												
2015												
2016												
2017												
2018												
2019												
2020												
2021												
Repeaters	32	27	21	18	13	11	9	8			Graduates	
Dropouts		260	109	81	96	66	52	39	94		157	
Survived			740	630	549	452	386	333	294		38	
											5	

Table 2.3. 10 Flow Rate in Primary Education (Male)

Male Students Cohort Flow Rate by Grade, of the Year 2012->2013, (2019/2020/21 G.C)										
2012 E.C: OROMIA (Male)										
Grades	1	2	3	4	5	6	7	8	9	Boys and Girls
Enr. 2012	1004656	738052	626100	559070	494641	389883	345548	285015		Grade
Enr. 2013	758004	755170	634344	551547	463780	420694	335987	305129	195164	Pupil-Year
Rep 2013	31639	25794	20665	17577	14564	11370	9078	7622	7184	1
Rad. 2013	5075	5325	4897	4580	4100	3525	3047	3086	1197	2
F Other Reg	137	136	222	127	200	159	205	203	382	3
Prom rate	0.7206	0.8245	0.8453	0.7958	0.8201	0.8301	0.8515	0.6540		4
Reprate	0.0315	0.0349	0.0330	0.0314	0.0294	0.0292	0.0263	0.0267		5
Drop rate	0.2479	0.1405	0.1217	0.1727	0.1505	0.1407	0.1223	0.3193		6
Year E.C.										7
2012	1000									8
2013	31	721								9
2014	1	23	48	594	502	400	328	272	232	Graduates
2015	0	1	2	2	16	12	10	7	6	152
2016										37
2017										5
2018										
2019										
2020										
2021										
Repeaters	33	27	22	18	14	12	9	8		
Dropouts		256	108	80	99	71	56	41	94	
Survived			744	636	556	456	386	329	288	194

Year E.C.	1	2	3	4	5	6	7	8	9	Output
2012	1000									194
2013	31	721								2.9
2014	1	23	48	594	502	400	328	272	232	65.7
2015	0	1	2	2	16	12	10	7	6	34.3
2016										
2017										
2018										
2019										
2020										
2021										

Year E.C.	1	2	3	4	5	6	7	8	9	Output
2012	1000									194
2013	31	721								2.9
2014	1	23	48	594	502	400	328	272	232	65.7
2015	0	1	2	2	16	12	10	7	6	34.3
2016										
2017										
2018										
2019										
2020										
2021										

Table 2.3. 11 Flow Rate in Primary Education (Female)

Female Students Cohort Flow Rate by Grade, of the Year 2012->2013, (2019/2020/21 G.C)											
2012 E.C: OROMIA (Female)											
Grades	1	2	3	4	5	6	7	8	9	Boys and Girls	
Enr. 2012	874400	642273	541761	478859	420300	319917	283360	224729		Grade	Pupil-Year
Enr. 2013	652011	649365	548290	473820	398726	364468	281604	253613	157988	1	1031
Rep 2013	26456	21968	17477	15172	11812	9086	7281	5769	4968	2	761
Rad. 2013	4016	4135	3873	3460	2971	2582	2133	1707	1930	3	645
F. Other_Reg	154	128	154	178	194	193	198	214	395	4	559
Prom rate	0.7126	0.8202	0.8399	0.8014	0.8389	0.8502	0.8679	0.6706		5	461
Rep rate	0.0303	0.0342	0.0323	0.0317	0.0281	0.0284	0.0257	0.0257		6	398
Drop rate	0.2571	0.1456	0.1279	0.1669	0.1330	0.1214	0.1064	0.3038		7	347
										8	309
										Total	4510
										Output	207
										IOR	2.7
										WR	63.3
										CE	36.7

Year E.C.	1	2	3	4	5	6	7	8	9	10
2012	1000	713	585	491	393	330	281	244	244	244
2013	30	713	585	491	393	330	281	244	244	244
2014	1	24	19	16	11	9	7	6	6	6
2015	0	2	2	2	2	2	2	2	2	2
2016										
2017										
2018										
2019										
2020										
2021										

Repeaters	31	26	21	18	13	11	9	8
Dropouts	265	111	82	93	61	48	37	94
Survived		735	624	541	448	387	338	301

Graduates	163	39	5
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III. Internal Efficiency of the Cohort in Primary Education

Table 2.3. 12 Pupils Year by Grade of Cohort

Pupils Year by Grade of Cohort Analysis								
Sex	Grade							
	1	2	3	4	5	6	7	8
M	1032	771	657	573	470	397	338	296
F	1031	761	645	559	461	398	347	309
Average	1032	766	651	567	466	397	342	301

IV. Indicators of Retentions by Grade of the Cohort

A. Survival Rate of the Cohort

The purpose of survival rate is to measure the holding power and internal efficiency of the education system. It illustrates the situation regarding retention of pupils from grade to grade in school, and conversely the magnitude of dropout by grade. Survival rate is the proportion of cohort pupils who reached the subsequent grade expressed as a percentage of pupils enrolled in the first grade of a given cycle in a given school year. It also used to measure the impact of repetition and dropout on internal efficiency. Survival by grade is obtained by adding the number of pupils who eventually will be promoted to the next higher grade. In each grade, some pupils promoted to the next grade without repeating a grade and others after repeating once or twice.

Table 2.3.13 Primary Education Cohort Analysis Survival Rate by Grade

Primary Education Cohort Analysis Survival Rate by Grade (%)								
Sex	Grade							
	1	2	3	4	5	6	7	8
M	74.4	63.6	55.6	45.6	38.6	32.9	28.8	19.3
F	73.5	62.4	54.1	44.8	38.7	33.8	30.1	20.7
Average	74.0	63.0	54.9	45.2	38.6	33.3	29.4	19.9

Table 2.3.13 above shows among 1000 students enrolled in grade 1, only 74.0% (M=74.4%, F=73.5%) are survived to complete grade 1 in the cohort. The rest 26.0% (M=25.6%, F=26.5%) left the school

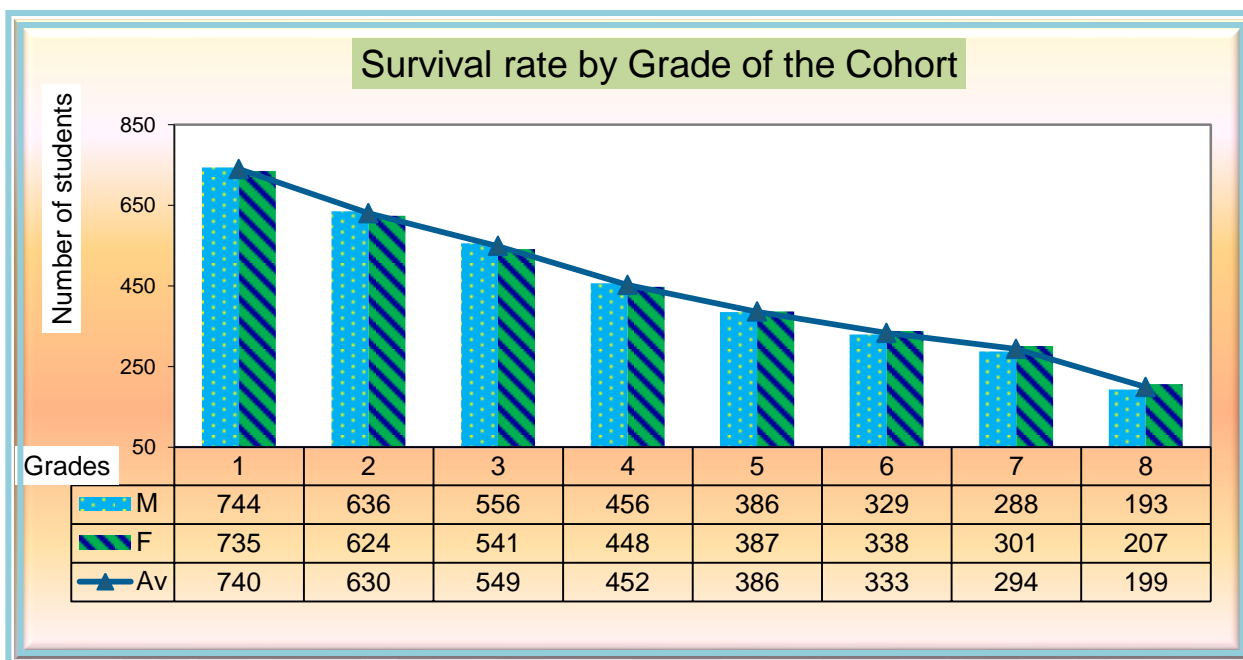
before completing grade 1. In addition 33.3% (M= 32.9% and F= 33.8%) students survived to complete grade 6.

From the 1000 pupils started the cohort, only 19.9% (M=19.3%, F= 20.7%) will finally survive at grade 8. This shows that 80.1% (M=80.7%, F=79.3%) of students left the system without completing primary education. So, we can imagine how the issue needs serious attention.

Table 2.3. 14 Number of Pupils Survived in Each Grade of the Cohort

Number of Pupils Survived in Each Grade of the Cohort								
Sex	Grade							
	1	2	3	4	5	6	7	8
M	744	636	556	456	386	329	288	193
F	735	624	541	448	387	338	301	207
Average	740	630	549	452	386	333	294	199

Graph 2.3. 11 Survival Rate by Grade of the Cohort



As shown in the graph 2.3.11 above, as the level of grade increases, the survival rate of students from grade 1 to 8 decreases. Hence more students leave the system before completing grade 8.

B. Dropout by Grade of the Cohort

As shown in the table 2.3.15 below, most of the students left the system early in grade 1 and 2. About 26.0% (M=25.6%, F=26.5%) of the pupils of the cohort left the system before completing grade one. Majority of the children leave the system at the early stage compared to dropouts at upper grades. This is undesirable situation to which planners and decision makers should pay immediate attention to it.

Table 2.3. 15 Percentage of Dropout by Grade of the Cohort

Percentage of Dropout by Grade of the Cohort (%)								
Sex	Grade							
	1	2	3	4	5	6	7	8
M	25.6	10.8	8.0	9.9	7.1	5.6	4.1	9.4
F	26.5	11.1	8.2	9.3	6.1	4.8	3.7	9.4
Average	26.0	10.9	8.1	9.6	6.6	5.2	3.9	9.4

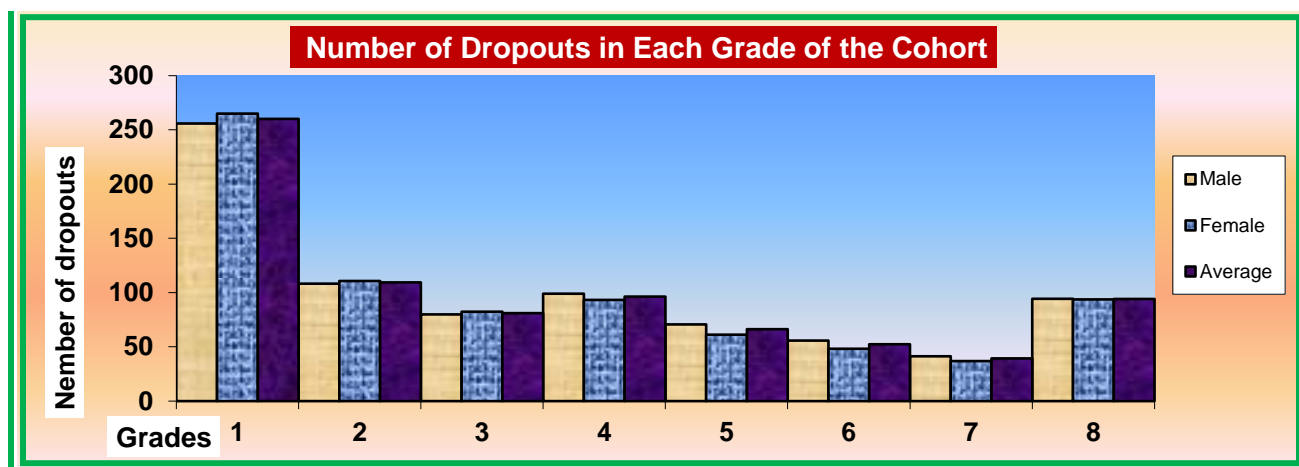
Dropout is the proportion of students who leave the system at each grade. It is the most serious problem in education system. The cohort data on the table 2.3.16 below shows that among the cohort of 1000 pupils, 260 of them left the school before completing grade one.

Table 2.3. 16 Number of Dropout by Grade of the Cohort

Number of Dropout by Grade of the Cohort								
Sex	Grade							
	1	2	3	4	5	6	7	8
M	256	108	80	99	71	56	41	94
F	265	111	82	93	61	48	37	94
Average	260	109	81	96	66	52	39	94

As shown in table 2.3.16 above, the number of dropouts is higher in grade 1 and lower in grade 7 for this academic year cohort.

Graph 2.3. 12 Number of Dropouts in Each Grade of the Cohort



C. Repeaters by Grade of the Cohort

Table 2.3. 17 Repeaters by Grade of the Cohort

Repeaters by Grade of the Cohort								
Sex	Grade							
	1	2	3	4	5	6	7	8
M	33	27	22	18	14	12	9	8
F	31	26	21	18	13	11	9	8
Average	32	27	21	18	13	11	9	8

The cohort data on the table 2.3.17 above shows that among the cohort of 1000 pupils, 32 of them repeated at grade 1. Number of repeaters gradually decreases from grade to grade while it goes up to the higher grade as indicated on the table.

Graph 2.3. 13 Number of Repeaters of the Cohort by Grade

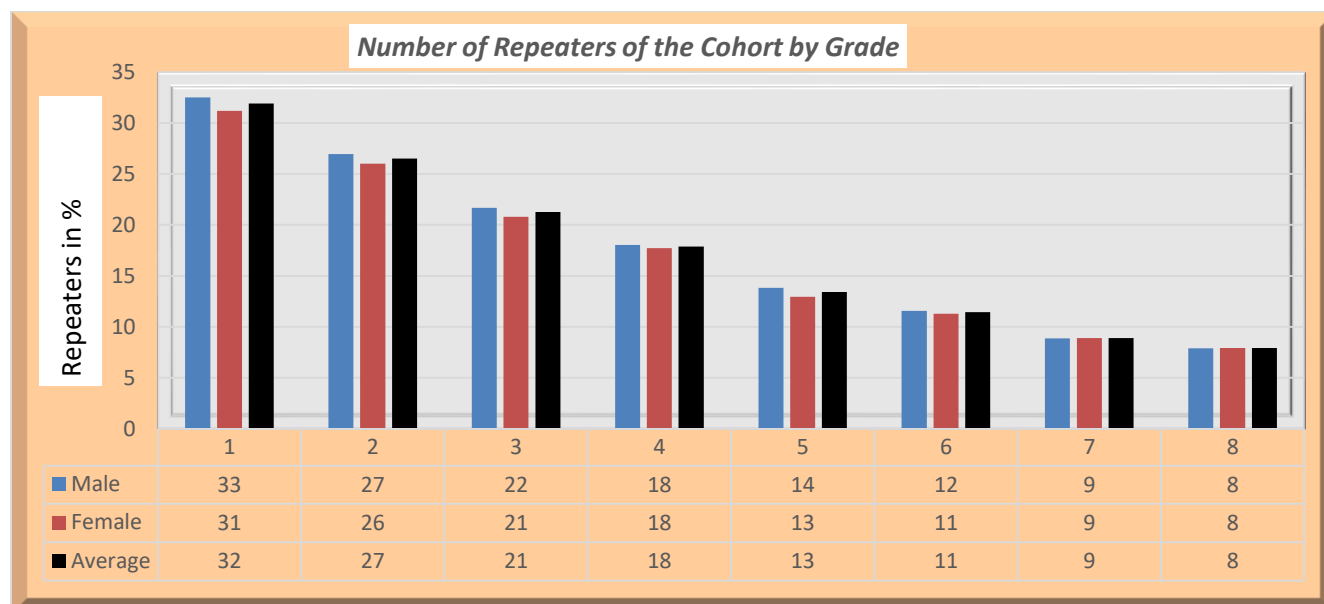


Table 2.3. 18 Percentage of Repeaters by Grade of the Cohort

Percentage of Repeaters by Grade of the Cohort								
Sex	Grade							
	1	2	3	4	5	6	7	8
M	3.3	2.7	2.2	1.8	1.4	1.2	0.9	0.8
F	3.1	2.6	2.1	1.8	1.3	1.1	0.9	0.8
Average	3.2	2.7	2.1	1.8	1.3	1.1	0.9	0.8

Table 2.3.18 above shows that 3.2 % (M=3.3%, F=3.1%) of pupils of the cohort repeat at grade 1. When we compare both levels, majority of children repeat in the early grades than the upper one.

D. Number of Graduates from the Final Years of the Cohort

Graduates from the final year is the number of pupils who eventually graduate (Complete) from the final year of the cycle. In other words, those who successfully complete primary first cycle of 6 years of study and promoted to the first grade of second cycle primary (Grade 7) or those who successfully complete second cycle primary of 8 years of study and promoted to first cycle secondary (Grade 9). According to the cohort shown on table 2.3.9, out of 1000 pupils registered in 2012 E.C at grade one, 276 pupils will graduate grade 6 without repeating at any grade during their stay in school. Another 52

pupils will also graduate at grade 6 after repeating once and 6 of them will be graduated after repeating twice at one of the grades. Number of graduates of first cycle primary for this cohort is 334.

Similarly, 157 pupils will graduate grade 8 by 2019 E.C. without repeating, 38 pupils will graduate grade 8 in 2020 E.C by repeating once, finally 5 pupils will also graduate grade 8 by 2021 E.C by repeating any of the grade twice. According to the cohort, the possible number of pupil graduates from the complete primary system or grade 8th is only 200. Accordingly, only about 20.0% of the pupil's complete primary education out of 1000 pupils of the cohort system. Unfortunately, about 800 (80.0%) pupils of the cohort were left the system before completing primary education. Therefore, Educational planners, policy makers, decision makers, stakeholders and communities must work towards finding the solutions to improve this huge gap.

Table 2.3. 19 Number of Graduates from the Final Year

Number of Graduates from the Final Year		
Male	Female	T(Average)
194	207	200

E. Retention, Dropout & Graduates by Years of Study Spent In the Cohort by Grade

Table 2.3. 20 Enrolment by Year of the Study from the Cohort

Enrolment by Year of the Study from the Cohort			
Year in E.C	M	F	T (Average)
2012	1000	1000	1000
2013	752	743	748
2014	643	631	638
2015	564	550	557
2016	469	460	465
2017	397	397	397
2018	340	347	344
2019	297	309	303
2020	63	65	64
2021	8	8	8

Table 2.3. 21 Drop Out by Years of Study and Average Duration of Study from the Cohort

Year in E.C	Number of Year (1)	Drop Out by (2)			Pupil-Year of Drop Out (3)= (1)*(2)		
		M	F	T (Average)	M	F	T (Average)
2012	1	248	257	252	248	257	252
2013	2	109	112	110	218	223	220
2014	3	79	82	80	238	245	241
2015	4	94	90	92	377	358	368
2016	5	72	63	68	360	316	340
2017	6	57	49	53	340	295	320
2018	7	43	38	41	301	266	285
2019	8	82	81	82	657	649	654
2020	9	19	18	19	169	164	167
2021	10	2	2	2	24	23	24
Total		806	792	800	2932	2796	2871
ADSD = Total of (3)/Total of (2)					3.6	3.5	3.6
TPY Wasted =TPY by Cohort-Total Graduate *8 ---- (a)					2988	2853	2927
Wastage Due to Dropout = TPY Spent by Dropout (Total of (3))*100/TPY Wasted or (a) ----- (b)					98.1	98.0	98.1
Wasted Due to Repeaters = 100-(b)					1.9	2.0	1.9

- *ADSD = Average Duration of Study of Dropout, PY = Pupil Year, TPY = Total Pupil Year*

Table 2.3. 22 Graduate by Years of Study from the Cohort

Graduate by Years of Study from the Cohort				
Year in E.C	M	F	T (Average)	Remark
2019	152	163	157	Without repeating at any grade during stay in grade 1-8
2020	37	39	38	With repeating in one grade once during stay in grade 1-8
2021	5	5	5	With repeating in some grades twice during stay in grade 1-8
Total	194	207	200	

F. Indicators of Duration of the Study in the Cohort

Table 2.3. 23 Average Duration of the Study for Graduates from the Cohort

Graduate by Years of Study from the Cohort							
Year in E.C	Graduate (1)			Duration (2)	3= (1) *(2)		
	M	F	T		M	F	T
2019	152	163	157	8	1216	1304	1256
2020	37	39	38	9	333	351	342
2021	5	5	5	10	50	50	50
Total	194	207	200	8	1599	1705	1648
ADSG=Total of (3)/Total of (1)					8.3	8.2	8.3

G. Indicators of Wastage in the Cohort

Table 2.3. 24 Input/output Ratio from the Cohort

Input/Output Ratio from the Cohort		
M	F	T
2.9	2.7	2.8

Table 2.3. 25 Coefficient of Efficiency from the Cohort

Coefficient of Efficiency from the Cohort		
M	F	T
34.1	36.7	35.3

The coefficient of efficiency approaching 100% indicates a high level of internal efficiency in producing graduates and no wastage due to repetition and dropout. Coefficients below 100% reflect the impact of repetition and dropout on the efficiency of the educational process in producing graduates. As the reciprocal, the optimum input-output ratio is one, and inefficiency arises from any point which is greater than one.

Table 2.3. 26 Percentage of Wastage Spent on Repetition and Drop out in the Cohort

Percentage of Wastage Spent on Repetition and Drop out in the Cohort			
Title	M	F	T
Wastage Due to Drop Out	98.1	98.0	98.1
Wastage Due to repetition	1.9	2.0	1.9

2.3.1.4 National and Regional Exam Results

A. REGIONAL EXAM RESULTS

Table 2.3. 27 Grade 8 Examination Result

Grade 8 Examination Result, in the year 2012(2019/20G.C)																			
SN	Zone	Registered for Exam			Took Exam			Average ≥ 50			Average ≥ 50 in %			Promoted to Grade 9			Promoted to Grade 9 in %		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	24263	20295	44558	24228	20242	44470	20165	15331	35496	83.2	75.7	79.8	21839	17830	39669	90.1	88.1	89.2
2	Bale	11918	8519	20437	11895	8505	20400	11241	7802	19043	94.5	91.7	93.3	11311	7923	19234	95.1	93.2	94.3
3	Borena	2874	2234	5108	2863	2224	5087	2594	1918	4512	90.6	86.2	88.7	2695	2058	4753	94.1	92.5	93.4
4	Buno Beddele	6584	5450	12034	6577	5439	12016	5784	4702	10486	87.9	86.4	87.3	6054	4973	11027	92.0	91.4	91.8
5	East Hararge	19376	9185	28561	19355	9162	28517	16931	7814	24745	87.5	85.3	86.8	17651	8316	25967	91.2	90.8	91.1
6	East Shoa	8408	7820	16228	8391	7791	16182	6014	4855	10869	71.7	62.3	67.2	6958	6248	13206	82.9	80.2	81.6
7	East Wollega	11996	9649	21645	11977	9617	21594	11564	9219	20783	96.6	95.9	96.2	11628	9291	20919	97.1	96.6	96.9
8	Guji	12456	6648	19104	12442	6634	19076	11143	5605	16748	89.6	84.5	87.8	11453	5926	17379	92.1	89.3	91.1
9	Horo Guduru Wollega	7548	6527	14075	7540	6505	14045	7326	6326	13652	97.2	97.2	97.2	7402	6408	13810	98.2	98.5	98.3
10	Illu Aba Bora	7406	5905	13311	7385	5881	13266	6091	4616	10707	82.5	78.5	80.7	6555	5136	11691	88.8	87.3	88.1
11	Jima	24191	23995	48186	24259	23970	48229	20980	19881	40861	86.5	82.9	84.7	21879	21285	43164	90.2	88.8	89.5
12	Kellem Wollega	9324	7746	17070	9313	7728	17041	7856	6471	14327	84.4	83.7	84.1	8241	6930	15171	88.5	89.7	89.0
13	North Shoa	8042	6785	14827	8035	6764	14799	7177	5936	13113	89.3	87.8	88.6	7357	6199	13556	91.6	91.6	91.6
14	OSZS Finfinne	5568	4861	10429	5558	4843	10401	3553	2739	6292	63.9	56.6	60.5	3904	3216	7120	70.2	66.4	68.5
15	South West Shoa	6768	5159	11927	6758	5130	11888	5771	4068	9839	85.4	79.3	82.8	6171	4629	10800	91.3	90.2	90.8
16	West Arsi	15712	11341	27053	15677	11312	26989	14691	10144	24835	93.7	89.7	92.0	14963	10516	25479	95.4	93.0	94.4
17	West Gujii	11177	5405	16582	11177	5395	16572	10509	4924	15433	94.0	91.3	93.1	10607	5017	15624	94.9	93.0	94.3
18	West Hararge	12801	6524	19325	12792	6505	19297	10658	4948	15606	83.3	76.1	80.9	11412	5596	17008	89.2	86.0	88.1
19	West Shoa	18521	14071	32592	18515	14032	32547	16726	12346	29072	90.3	88.0	89.3	17360	13105	30465	93.8	93.4	93.6
20	West Wollega	16546	13473	30019	16528	13441	29969	15123	12363	27486	91.5	92.0	91.7	15423	12682	28105	93.3	94.4	93.8
21	Adama Admin Town	4043	4793	8836	4037	4789	8826	2757	2961	5718	68.3	61.8	64.8	3239	3817	7056	80.2	79.7	79.9
22	Ambo Admin Town	1131	1185	2316	1127	1179	2306	1016	1015	2031	90.2	86.1	88.1	1069	1107	2176	94.9	93.9	94.4
23	Assela Admin Town	1194	1455	2649	1187	1448	2635	1014	1142	2156	85.4	78.9	81.8	1079	1293	2372	90.9	89.3	90.0
24	Batu Admin Town	888	736	1624	887	735	1622	709	540	1249	79.9	73.5	77.0	780	649	1429	87.9	88.3	88.1
25	Bishan Gurracha Admin Town	80	56	136	80	56	136	62	46	108	77.5	82.1	79.4	70	52	122	87.5	92.9	89.7
26	Bishoftu Admin Town	1544	2092	3636	1542	2087	3629	1067	1259	2326	69.2	60.3	64.1	1262	1642	2904	81.8	78.7	80.0
27	Burayu Admin Town	1038	1312	2350	1037	1309	2346	696	790	1486	67.1	60.4	63.3	813	989	1802	78.4	75.6	76.8
28	Dukem Admin Town	512	639	1151	511	638	1149	386	422	808	75.5	66.1	70.3	447	516	963	87.5	80.9	83.8
29	Gelana Admin Town	200	172	372	200	172	372	168	136	304	84.0	79.1	81.7	188	150	338	94.0	87.2	90.9
30	Holota Admin Town	684	836	1520	683	832	1515	342	407	749	50.1	48.9	49.4	443	548	991	64.9	65.9	65.4
31	Jima Admin Town	1971	2163	4134	1964	2156	4120	1483	1514	2997	75.5	70.2	72.7	1662	1836	3498	84.6	85.2	84.9
32	L/Tafo L/Dadhi Admin Town	320	342	662	318	341	659	219	211	430	68.9	61.9	65.3	251	261	512	78.9	76.5	77.7
33	Modjo Admin Town	545	784	1329	544	784	1328	351	439	790	64.5	56.0	59.5	447	594	1041	82.2	75.8	78.4
34	Nekemte Admin Town	1336	1420	2756	1330	1404	2734	1197	1278	2475	90.0	91.0	90.5	1232	1341	2573	92.6	95.5	94.1
35	Robe Admin Town	898	839	1737	896	833	1729	842	754	1596	94.0	90.5	92.3	852	786	1638	95.1	94.4	94.7
36	Sebeta Admin Town	1417	1833	3250	1413	1832	3245	918	1000	1918	65.0	54.6	59.1	1074	1333	2407	76.0	72.8	74.2
37	Shashemene Admin Town	2128	2067	4195	2125	2061	4186	1752	1545	3297	82.4	75.0	78.8	1890	1774	3664	88.9	86.1	87.5
38	Sululta Admin Town	499	617	1116	497	616	1113	378	450	828	76.1	73.1	74.4	433	537	970	87.1	87.2	87.2
39	Woliso Admin Town	740	818	1558	740	814	1554	474	477	951	64.1	58.6	61.2	568	647	1215	76.8	79.5	78.2
	Oromia	262447	205751	468198	262183	205206	467589	227728	168394	396122	86.8	82.1	84.7	238662	183156	421818	91.0	89.3	90.2

Source: EOB Educational Measurement Directorate

Table 2.3. 28 Grade 8 Examination Result in the Year 2013(2020/21G.C)

Grade 8 Examination Result, in the year 2013(2020/21 G.C)																			
SN	Zone	Registered for Exam			Took Exam			Average ≥ 50			Average ≥ 50 in %			Promoted to Grade 9			Promoted to Grade 9 in %		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	25015	21927	46942	24802	21673	46475	23450	19942	43392	94.5	92.0	93.4	24102	21010	45112	97.2	96.9	97.1
2	Bale	7848	6177	14025	7771	6074	13845	7639	5948	13587	98.3	97.9	98.1	7666	5999	13665	98.6	98.8	98.7
3	Borena	3237	2643	5880	3229	2633	5862	3161	2553	5714	97.9	97.0	97.5	3194	2603	5797	98.9	98.9	98.9
4	Buno Beddele	6097	5409	11506	6027	5341	11368	5843	5128	10971	96.9	96.0	96.5	5940	5261	11201	98.6	98.5	98.5
5	East Bale	3668	2171	5839	3647	2160	5807	3597	2123	5720	98.6	98.3	98.5	3602	2138	5740	98.8	99.0	98.8
6	East Hararge	21563	10572	32135	21357	10428	31785	20307	9890	30197	95.1	94.8	95.0	20703	10167	30870	96.9	97.5	97.1
7	East Shoa	8437	8353	16790	8373	8273	16646	7134	6643	13777	85.2	80.3	82.8	7754	7616	15370	92.6	92.1	92.3
8	East Wollega	12208	11096	23304	12118	10937	23055	11842	10750	22592	97.7	98.3	98.0	11911	10831	22742	98.3	99.0	98.6
9	Guji	11279	6585	17864	11189	6540	17729	10984	6405	17389	98.2	97.9	98.1	11037	6477	17514	98.6	99.0	98.8
10	Horo Guduru Wollega	7827	7613	15440	7779	7526	15305	7699	7462	15161	99.0	99.1	99.1	7724	7497	15221	99.3	99.6	99.5
11	Ilu Aba Bora	7154	6140	13294	7084	6048	13132	6617	5555	12172	93.4	91.8	92.7	6824	5830	12654	96.3	96.4	96.4
12	Jima	24998	24536	49534	24661	24146	48807	23188	22366	45554	94.0	92.6	93.3	23696	23212	46908	96.1	96.1	96.1
13	Kellem Wollega	9750	8105	17855	9683	7995	17678	8873	7330	16203	91.6	91.7	91.7	9220	7692	16912	95.2	96.2	95.7
14	North Shoa	7890	7059	14949	7826	6952	14778	7541	6662	14203	96.4	95.8	96.1	7631	6827	14458	97.5	98.2	97.8
15	OSZS Finfinne	4944	4343	9287	4913	4302	9215	4537	3854	8391	92.3	89.6	91.1	4730	4127	8857	96.3	95.9	96.1
16	South West Shoa	6925	5610	12535	6883	5563	12446	6299	4871	11170	91.5	87.6	89.7	6617	5290	11907	96.1	95.1	95.7
17	West Arsi	15462	11880	27342	15298	11699	26997	15103	11536	26639	98.7	98.6	98.7	15153	11607	26760	99.1	99.2	99.1
18	West Gujii	9376	5397	14773	9328	5347	14675	9096	5230	14326	97.5	97.8	97.6	9161	5280	14441	98.2	98.7	98.4
19	West Hararge	13639	7279	20918	13450	7143	20593	12558	6503	19061	93.4	91.0	92.6	12927	6859	19786	96.1	96.0	96.1
20	West Shoa	19237	17282	36519	18941	16903	35844	18495	16412	34907	97.6	97.1	97.4	18637	16688	35325	98.4	98.7	98.6
21	West Wollega	17609	15445	33054	17443	15251	32694	17167	15129	32296	98.4	99.2	98.8	17201	15170	32371	98.6	99.5	99.0
22	Adama Admin Town	3881	4886	8767	3853	4831	8684	3268	3842	7110	84.8	79.5	81.9	3553	4425	7978	92.2	91.6	91.9
23	Ambo Admin Town	1145	1448	2593	1135	1427	2562	1068	1354	2422	94.1	94.9	94.5	1088	1387	2475	95.9	97.2	96.6
24	Assela Admin Town	970	1302	2272	961	1283	2244	913	1183	2096	95.0	92.2	93.4	934	1246	2180	97.2	97.1	97.1
25	Batu Admin Town	881	839	1720	858	828	1686	758	717	1475	88.3	86.6	87.5	807	796	1603	94.1	96.1	95.1
26	Bishan Gurracha Admin Town	112	118	230	107	116	223	102	115	217	95.3	99.1	97.3	103	115	218	96.3	99.1	97.8
27	Bishoftu Admin Town	1719	2490	4209	1703	2458	4161	1399	1771	3170	82.1	72.1	76.2	1565	2162	3727	91.9	88.0	89.6
28	Burayu Admin Town	978	1405	2383	969	1382	2351	719	927	1646	74.2	67.1	70.0	819	1171	1990	84.5	84.7	84.6
29	Dukem Admin Town	576	729	1305	574	723	1297	506	615	1121	88.2	85.1	86.4	546	689	1235	95.1	95.3	95.2
30	Gelana Admin Town	167	226	393	165	224	389	163	222	385	98.8	99.1	99.0	164	224	388	99.4	100.0	99.7
31	Holota Admin Town	802	994	1796	798	978	1776	672	748	1420	84.2	76.5	80.0	730	892	1622	91.5	91.2	91.3
32	Jima Admin Town	2059	2268	4327	2038	2232	4270	1725	1729	3454	84.6	77.5	80.9	1867	2039	3906	91.6	91.4	91.5
33	L/Tafo L/Dadhi Admin Town	364	438	802	363	431	794	350	408	758	96.4	94.7	95.5	356	423	779	98.1	98.1	98.1
34	Modjo Admin Town	548	724	1272	547	718	1265	422	490	912	77.1	68.2	72.1	481	620	1101	87.9	86.4	87.0
35	Nekemte Admin Town	1234	1538	2772	1224	1505	2729	1191	1483	2674	97.3	98.5	98.0	1200	1497	2697	98.0	99.5	98.8
36	Robe Admin Town	976	959	1935	919	908	1827	885	873	1758	96.3	96.1	96.2	895	890	1785	97.4	98.0	97.7
37	Sebeta Admin Town	1457	1893	3350	1444	1870	3314	1077	1190	2267	74.6	63.6	68.4	1230	1512	2742	85.2	80.9	82.7
38	Shashemene Admin Town	2058	2075	4133	2039	2043	4082	2001	1988	3989	98.1	97.3	97.7	2018	2021	4039	99.0	98.9	98.9
39	Sululta Admin Town	468	618	1086	465	614	1079	415	506	921	89.2	82.4	85.4	436	572	1008	93.8	93.2	93.4
40	Woliso Admin Town	733	951	1684	721	931	1652	574	669	1243	79.6	71.9	75.2	651	826	1477	90.3	88.7	89.4
	Oromia	265291	221523	486814	262685	218436	481121	249338	203122	452460	94.9	93.0	94.0	254873	211688	466561	97.0	96.9	97.0

Source: EOB Educational Measurement Directorate

B. NATIONAL EXAM RESULTS

Table 2.3. 29 Grade 12 Examination Result

Grade 12 EHEECE Result, Including Pastorial Area , in the Year 2012(2019/20 G.C)																
SN	Zone /Administration town	Sat for Exam			Number of Students (Score ≥ 350)			% of Student who Score >=350 From Sat for Exam			Passed to Government University(NS: M≥380, F=368 SS: M≥370, F=358) (Score ≥ 295)			% of Students passed to University		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	2408.0	1279.0	3687.0	1202.0	651.0	1853.0	49.9	50.9	50.3	865	538	1403	35.9	42.1	38.1
2	Bale	1647.0	979.0	2626.0	745.0	312.0	1057.0	45.2	31.9	40.3	514	258	772	31.2	26.4	29.4
3	Borena	1142.0	882.0	2024.0	959.0	707.0	1666.0	84.0	80.2	82.3	801	652	1453	70.1	73.9	71.8
4	Buno Beddele	1057.0	851.0	1908.0	437.0	257.0	694.0	41.3	30.2	36.4	302	203	505	28.6	23.9	26.5
5	East Hararge	3670.0	1399.0	5069.0	2130.0	659.0	2789.0	58.0	47.1	55.0	1651	564	2215	45.0	40.3	43.7
6	East Shoa	794.0	493.0	1287.0	435.0	222.0	657.0	54.8	45.0	51.0	346	195	541	43.6	39.6	42.0
7	East Wollega	7204.0	6132.0	13336.0	3274.0	2360.0	5634.0	45.4	38.5	42.2	1831	1647	3478	25.4	26.9	26.1
8	Guji	1928.0	796.0	2724.0	1270.0	454.0	1724.0	65.9	57.0	63.3	891	389	1280	46.2	48.9	47.0
9	Horo Guduru Wollega	5409.0	4811.0	10220.0	3219.0	2170.0	5389.0	59.5	45.1	52.7	2210	1671	3881	40.9	34.7	38.0
10	Ilu Aba Bora	947.0	735.0	1682.0	439.0	249.0	688.0	46.4	33.9	40.9	297	192	489	31.4	26.1	29.1
11	Jimma	2986.0	2578.0	5564.0	1725.0	1181.0	2906.0	57.8	45.8	52.2	1366	1001	2367	45.7	38.8	42.5
12	Kellem Wollega	5778.0	5014.0	10792.0	3747.0	2820.0	6567.0	64.8	56.2	60.9	2630	2325	4955	45.5	46.4	45.9
13	North Shoa	3190.0	2487.0	5677.0	1371.0	601.0	1972.0	43.0	24.2	34.7	925	435	1360	29.0	17.5	24.0
14	OSZS Finfinne	363.0	262.0	625.0	246.0	108.0	354.0	67.8	41.2	56.6	200	97	297	55.1	37.0	47.5
15	South West Shoa	858.0	393.0	1251.0	551.0	158.0	709.0	64.2	40.2	56.7	414	133	547	48.3	33.8	43.7
16	West Arsi	2862.0	1758.0	4620.0	1004.0	389.0	1393.0	35.1	22.1	30.2	665	287	952	23.2	16.3	20.6
17	West Gujii	2328.0	1174.0	3502.0	1389.0	575.0	1964.0	59.7	49.0	56.1	944	464	1408	40.5	39.5	40.2
18	West Hararge	2342.0	877.0	3219.0	1363.0	317.0	1680.0	58.2	36.1	52.2	1061	266	1327	45.3	30.3	41.2
19	West Shoa	8125.0	6188.0	14313.0	3423.0	1600.0	5023.0	42.1	25.9	35.1	2124	1142	3266	26.1	18.5	22.8
20	West Wollega	12683.0	11454.0	24137.0	8061.0	6380.0	14441.0	63.6	55.7	59.8	5684	5253	10937	44.8	45.9	45.3
21	Adama Admin Town	1299.0	1345.0	2644.0	815.0	706.0	1521.0	62.7	52.5	57.5	668	607	1275	51.4	45.1	48.2
22	Ambo Admin Town	1299.0	1005.0	2304.0	793.0	400.0	1193.0	61.0	39.8	51.8	563	310	873	43.3	30.8	37.9
23	Assela Admin Town	1003.0	601.0	1604.0	634.0	247.0	881.0	63.2	41.1	54.9	526	205	731	52.4	34.1	45.6
24	Batu Admin Town	382.0	209.0	591.0	268.0	125.0	393.0	70.2	59.8	66.5	222	114	336	58.1	54.5	56.9
25	Bishan Guracha Town	23.0	16.0	39.0	0.0	1.0	1.0	0.0	6.3	2.6	0	0	0	0.0	0.0	0.0
26	Bishoftu Admin Town	559.0	522.0	1081.0	380.0	295.0	675.0	68.0	56.5	62.4	318	260	578	56.9	49.8	53.5
27	Burayu Admin Town	402.0	443.0	845.0	177.0	138.0	315.0	44.0	31.2	37.3	119	117	236	29.6	26.4	27.9
28	Dukem Admin Town	92.0	104.0	196.0	64.0	45.0	109.0	69.6	43.3	55.6	51	37	88	55.4	35.6	44.9
29	Gelan Admin Town	33.0	26.0	59.0	19.0	5.0	24.0	57.6	19.2	40.7	14	5	19	42.4	19.2	32.2
30	Holota Admin Town	240.0	222.0	462.0	117.0	62.0	179.0	48.8	27.9	38.7	83	49	132	34.6	22.1	28.6
31	Jimma Admin Town	827.0	873.0	1700.0	568.0	514.0	1082.0	68.7	58.9	63.6	456	429	885	55.1	49.1	52.1
32	L/Tafo L/Dadhi Admin Town	110.0	97.0	207.0	90.0	78.0	168.0	81.8	80.4	81.2	77	73	150	70.0	75.3	72.5
33	Modjo Admin Town	149.0	127.0	276.0	126.0	98.0	224.0	84.6	77.2	81.2	112	88	200	75.2	69.3	72.5
34	Nekemte Admin Town	1820.0	2005.0	3825.0	1288.0	1227.0	2515.0	70.8	61.2	65.8	1060	1071	2131	58.2	53.4	55.7
35	Robe Admin Town	250.0	212.0	462.0	181.0	111.0	292.0	72.4	52.4	63.2	152	92	244	60.8	43.4	52.8
36	Sebeta Admin Town	472.0	469.0	941.0	385.0	341.0	726.0	81.6	72.7	77.2	345	328	673	73.1	69.9	71.5
37	Shashemenne Admin Town	1338.0	884.0	2222.0	878.0	537.0	1415.0	65.6	60.7	63.7	732	487	1219	54.7	55.1	54.9
38	Sululta Admin Town	45.0	59.0	104.0	25.0	19.0	44.0	55.6	32.2	42.3	22	12	34	48.9	20.3	32.7
39	Woliso Admin Town	438.0	218.0	656.0	332.0	135.0	467.0	75.8	61.9	71.2	280	123	403	63.9	56.4	61.4
Oromia		78502	59979	138481	44130	27254	71384	56.2	45.4	51.5	31521	22119	53640	40.2	36.9	38.7

Source: EOB Educational Measurement Directorate

Table 2.3. 30 Grade 12 Examination Result Passed to Government University by Stream

Grade 12 EHEECE Result By Stream, Including Pastorial area , in the year 2012(2019/20 G.C)													
SN	Zone /Administration town	Passed to Government Yuniversity(NS: M≥380, F=368 SS: M≥370, F=358)									% of sts who Passed to Gov't Yuniversity		
		NS			SS			NS&SS			M	F	T
		M	F	T	M	F	T	M	F	T			
1	Arsi	439	197	636	426	341	767	865	538	1403	35.9	42.1	38.1
2	Bale	287	118	405	227	140	367	514	258	772	31.2	26.4	29.4
3	Borena	342	211	553	459	441	900	801	652	1453	70.1	73.9	71.8
4	Buno Beddele	188	107	295	114	96	210	302	203	505	28.6	23.9	26.5
5	East Hararge	861	260	1121	790	304	1094	1651	564	2215	45.0	40.3	43.7
6	East Shoa	218	139	357	128	56	184	346	195	541	43.6	39.6	42.0
7	East Wollega	1527	1311	2838	304	336	640	1831	1647	3478	25.4	26.9	26.1
8	Guji	481	167	648	410	222	632	891	389	1280	46.2	48.9	47.0
9	Horo Guduru Wollega	1857	1369	3226	353	302	655	2210	1671	3881	40.9	34.7	38.0
10	Illu Aba Bora	221	138	359	76	54	130	297	192	489	31.4	26.1	29.1
11	Jimma	833	548	1381	533	453	986	1366	1001	2367	45.7	38.8	42.5
12	Kellem Wollega	1683	1408	3091	947	917	1864	2630	2325	4955	45.5	46.4	45.9
13	North Shoa	602	264	866	323	171	494	925	435	1360	29.0	17.5	24.0
14	OSZS Finfinne	106	48	154	94	49	143	200	97	297	55.1	37.0	47.5
15	South West Shoa	242	59	301	172	74	246	414	133	547	48.3	33.8	43.7
16	West Arsi	422	201	623	243	86	329	665	287	952	23.2	16.3	20.6
17	West Gujii	462	187	649	482	277	759	944	464	1408	40.5	39.5	40.2
18	West Hararge	500	106	606	561	160	721	1061	266	1327	45.3	30.3	41.2
19	West Shoa	1778	906	2684	346	236	582	2124	1142	3266	26.1	18.5	22.8
20	West Wollega	3848	3217	7065	1836	2036	3872	5684	5253	10937	44.8	45.9	45.3
21	Adama Admin Town	611	543	1154	57	64	121	668	607	1275	51.4	45.1	48.2
22	Ambo Admin Town	489	276	765	74	34	108	563	310	873	43.3	30.8	37.9
23	Assela Admin Town	475	192	667	51	13	64	526	205	731	52.4	34.1	45.6
24	Batu Admin Town	119	56	175	103	58	161	222	114	336	58.1	54.5	56.9
25	Bishan Guracha Town	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0
26	Bishoftu Admin Town	288	222	510	30	38	68	318	260	578	56.9	49.8	53.5
27	Burayu Admin Town	107	105	212	12	12	24	119	117	236	29.6	26.4	27.9
28	Dukem Admin Town	43	22	65	8	15	23	51	37	88	55.4	35.6	44.9
29	Gelan Admin Town	12	4	16	2	1	3	14	5	19	42.4	19.2	32.2
30	Holota Admin Town	65	35	100	18	14	32	83	49	132	34.6	22.1	28.6
31	Jimma Admin Town	425	415	840	31	14	45	456	429	885	55.1	49.1	52.1
32	L/Tafo L/Dadhi Admin Town	53	43	96	24	30	54	77	73	150	70.0	75.3	72.5
33	Modjo Admin Town	100	81	181	12	7	19	112	88	200	75.2	69.3	72.5
34	Nekemte Admin Town	1006	972	1978	54	99	153	1060	1071	2131	58.2	53.4	55.7
35	Robe Admin Town	121	63	184	31	29	60	152	92	244	60.8	43.4	52.8
36	Sebeta Admin Town	254	222	476	91	106	197	345	328	673	73.1	69.9	71.5
37	Shashemenne Admin Town	558	346	904	174	141	315	732	487	1219	54.7	55.1	54.9
38	Sululta Admin Town	19	9	28	3	3	6	22	12	34	48.9	20.3	32.7
39	Woliso Admin Town	225	106	331	55	17	72	280	123	403	63.9	56.4	61.4
Oromia		21867	14673	36540	9654	7446	17100	31521	22119	53640	40.2	36.9	38.7

Source: EOB Educational Measurement Directorate

CHAPTER THREE

3. Secondary Education

As stated in Ethiopian Education and Training Policy launched in 1994 G.C, Secondary education is four years duration, consisting of two years of general secondary education which enable students identify their interests for further education, for specific training and for the world of work. Secondary education and training (Grade 11-12) are aimed to enable students to choose subjects or areas of training which will prepare them adequately for higher education and for the world of work. However, starting from 2012 (2019/20 G.C) academic year, MoE proposed secondary education as to be general secondary education (grade 9-12) in the country as indicated in the new education development Roadmap (July, 2018 G.C). Based on this, secondary education has been started to delivered in secondary (grade 9-12) in our region since 2012 (2019/20 G.C) academic year. Hence, the data and information of secondary education in this document is compiled to grade 9-12.

3.1. Equitable Access in Secondary Education

This chapter gives key statistical indicators about equitable access in the Secondary sub-sector in year the 2013 (2020/21 G.C).

3.1.1. Number of Secondary Schools

I. Secondary Schools by Ownership & Grade Level

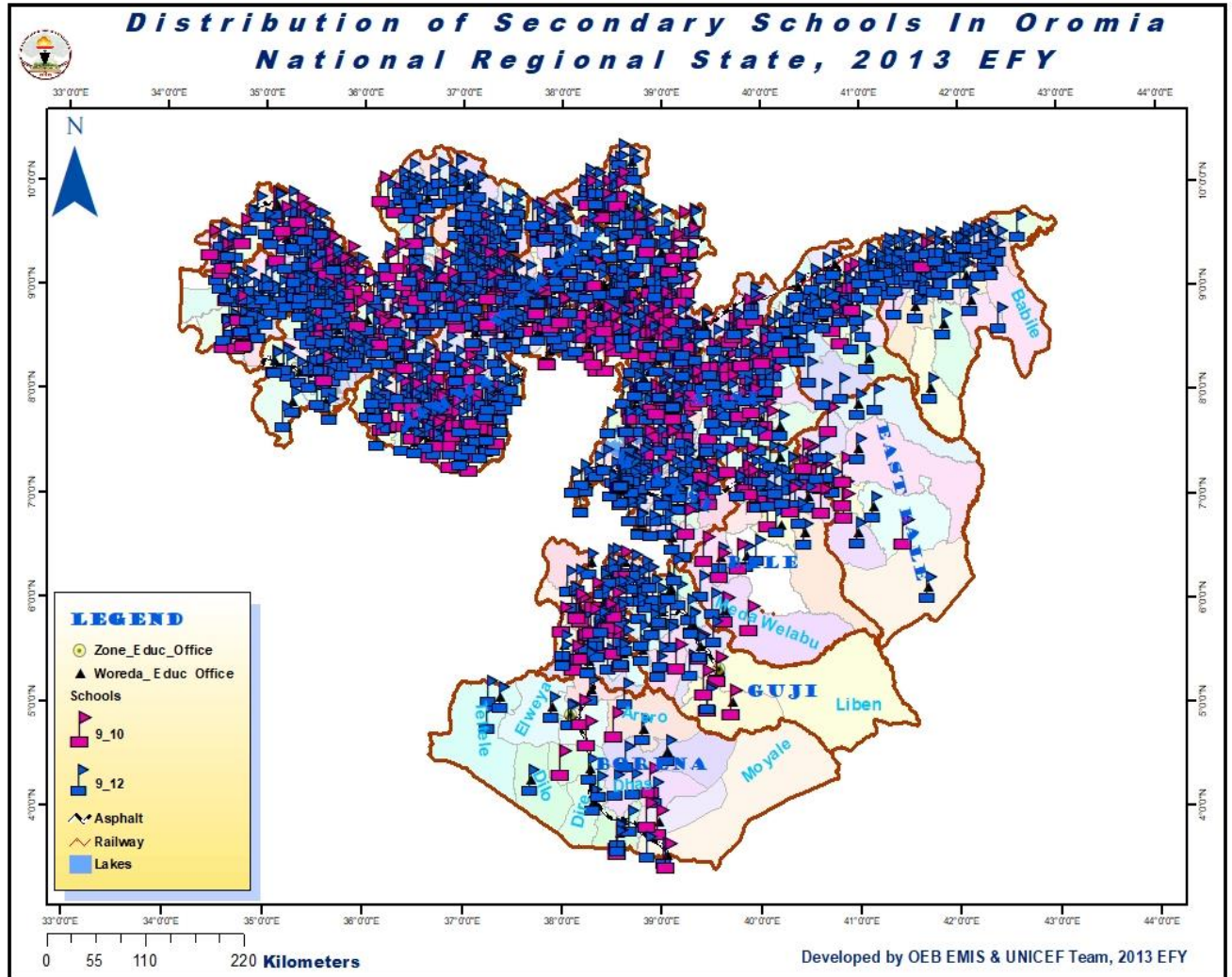
Table 3.1.1 below shows secondary schools in the region by zone, administrative town, ownership and grade level. Accordingly, 91.7% of secondary schools (grade 9-12) are owned by government as compared to 8.3% of the secondary schools (grade 9-12) are owned by non-governmental organizations. As the data shows, Government involvement seems like higher than non-governmental organizations. In terms of zonal distribution, the intervention of non-government organization is in 9 zones and 14 administrative towns in secondary schools.

Table 3.1. 1 Number of Secondary schools by Ownership and Grade Level

Number of Secondary schools by Ownership and Grade Level in 2013 (2020/21 G.C)																			
SN	Zones /Administrative towns/	Secondary Schools By Ownership								Secondary Schools by Grade Level									
		Government	Church	International Community	Local community / Public	Mission	Mosque	Private	Other	Total	9->9	9->10	9->11	9->12	10->11	10->12	11->12	10->11	Total
1	Arsi	94						1		95	2	10	22	61					95
2	Bale	39								39	1	3	11	24					39
3	Borana	32								32			9	23					32
4	Buno Beddelle	34								34	1	6	3	24					34
5	East Bale	22								22		5	5	12					22
6	East Hararge	57			2					59	1	1	2	55					59
7	East Shoa	42	2			3		2		49	2	4	12	30			1		49
8	East Wollega	73								73	3	5	11	52			2		73
9	Guji	50								50	3	3	1	43					50
10	Horo Guduru Wollega	51						1		52	1	2	2	47					52
11	Ilu Aba Bora	49								49	2	1	3	43					49
12	Jimma	104								104	2	13	20	69					104
13	Kellem Wollega	49				1				50	1	3	3	43					50
14	North Shoa	50								50	1	8	4	37					50
15	OSZS Finfinne	22						1		23	3			20					23
16	South West Shoa	30								30		1	12	16	1			1	30
17	West Arsi	55				1		4	1	61		2	2	57					61
18	West Guji	37								37	1	6	5	25					37
19	West Hararge	50								50	1		8	41					50
20	West Shoa	77		1	1					79	2	5	8	64					79
21	West Wollega	96	1			3		1		101	2	15	13	71					101
22	Adama Admin Town	9	2			1	2	15	1	30	2	6	14	7			1		30
23	Ambo Admin Town	6			1					7	1		3	3					7
24	Assela Admin Town	7				1		3		11	1	1		9					11
25	Batu Admin Town	3		1		2				6		1		5					6
26	Bishan Gurracha Admin Town	1								1				1					1
27	Bishoftu Admin Town	5				1		8		14		5	4	5					14
28	Burayu Admin Town	3						6		9	1	1	2	5					9
29	Dukem Admin Town	2						3		5		1	2	2					5
30	Gelan Admin Town	1								1				1					1
31	Holota Admin Town	2			1					3	1			2					3
32	Jima Admin Town	7	1		1	1		5		15	1		1	13					15
33	L/Tafo L/Dadhi Admin Town	2						2		4		1	1	2					4
34	Modjo Admin Town	3		1				1		5	1		2	2					5
35	Nekemte Admin Town	8	1	1				3		13	1	1	1	9		1			13
36	Robe Admin Town	3								3		1		2					3
37	Sebeta Admin Town	4	1					8		13		1	3	9					13
38	Shashemenne Admin Town	5			1	1		5		12				12					12
39	Sululta Admin Town	1								1				1					1
40	Woliso Admin Town	4								4	1			3					4
Oromia		1189	8	4	7	15	2	69	2	1296	39	112	189	950	1	1	4	1	1296

II. Geographical Locations of Secondary schools

Map 3.1.1 Geographical Locations of Secondary (Grade 9-12) Schools



Map 3.1.1 above shows the distribution of secondary schools (grade 9-12) in the region. As we can see from the map, the schools were relatively denser along the main road of the central and north east & west areas of the region.

On the other hand, the distribution of secondary schools is more scattered specifically in the south eastern area of the region like Borena, Guji, East Bale and Bale Zones, which are mainly pastoralist areas in the region. The point data on the map shows schools by grade level with different colors. The map also shows woredas and the accessibility of the road to schools by type of road.

III. Representative Index/RI/ in Secondary Education

The representative Index measures/gauges the amount of equitable education services that one region earned among the available services rendered. It helps to verify/confirm the equitable distribution of schools as per the number of school age student population in zones/towns of a region using the following formula.

The representativ index (RI) of Zones/ Towns

$$= \frac{\text{Rate of the share of the schools in the Zone/Town}}{\text{Rate of the share of the students in the Zone/Town}}$$

The calculated result of Representative Index (RI) can be one of the three:

- If the result is 1, the distribution is equitable.
- If the result is below 1, it is not equitable & under representative.
- If the result is above 1, it is over representative.

Table 3.1.2 below shows the distribution of secondary schools in zones and administrative towns which have over or under representative share and equitable or not equitable share of distribution. Accordingly, the three most under representation zones are East Hararge, West Hararge and West Arsi. On the other hand, the three most administrative towns with over representation are Dukem, Lege Tafo Lege Dadhi and Sebeta.

Table 3.1. 2 Representative Index (RI) of Secondary Schools in 2013 (2020/21 G.C)

Representative Index (RI) of Schools in Secondary Schools in 2013(2020/21G.C)						
SN	Zone /Administrative town/	Secondary Schools				
		SAP (15_18)	No Of Schools in Secondary Schools	Share of Children from Oromia Children	Share of Schools from Oromia Schools	Representati ve Index-(RI) of Schools
1	Arsi	367177	95	0.099	0.073	0.74
2	Bale	118541	39	0.032	0.030	0.94
3	Borana	68594	32	0.019	0.025	1.33
4	Buno Beddelle	70763	34	0.019	0.026	1.37
5	East Bale	64187	22	0.017	0.017	0.98
6	East Hararge	321480	59	0.087	0.046	0.52
7	East Shoa	151622	49	0.041	0.038	0.92
8	East Wollegga	164196	73	0.044	0.056	1.27
9	Guji	141023	50	0.038	0.039	1.01
10	Horo Guduru Wollega	86841	52	0.024	0.040	1.71
11	Ilu Aba Bora	94827	49	0.026	0.038	1.47
12	Jimma	292447	104	0.079	0.080	1.01
13	Kellem Wollegga	116472	50	0.032	0.039	1.22
14	North Shoa	171766	50	0.047	0.039	0.83
15	OSZS Finfinne	73142	23	0.020	0.018	0.90
16	South West Shoa	117122	30	0.032	0.023	0.73
17	West Arsi	259683	61	0.070	0.047	0.67
18	West Guji	112209	37	0.030	0.029	0.94
19	West Hararge	229345	50	0.062	0.039	0.62
20	West Shoa	269511	79	0.073	0.061	0.84
21	West Wollega	200944	101	0.054	0.078	1.43
22	Adama Admin Town	36977	30	0.010	0.023	2.31
23	Ambo Admin Town	10381	7	0.003	0.005	1.92
24	Asalla Admin Town	16295	11	0.004	0.008	1.92
25	Batu Admin Town	8221	6	0.002	0.005	2.08
26	Bishan Gurracha Admin Town	2783	1	0.001	0.001	1.02
27	Bishoftu Admin Town	17112	14	0.005	0.011	2.33
28	Burrayyu Admin Town	9767	9	0.003	0.007	2.63
29	Dukam Admin Town	1201	5	0.000	0.004	11.86
30	Galan Admin Town	1476	1	0.000	0.001	1.93
31	Holeta Admin Town	5048	3	0.001	0.002	1.69
32	Jimma Admin Town	22434	15	0.006	0.012	1.91
33	L/T/L/Dadhi Admin Town	2084	4	0.001	0.003	5.47
34	Mojo Admin Town	5774	5	0.002	0.004	2.47
35	Nekemte Admin Town	16018	13	0.004	0.010	2.31
36	Robe Admin Town	8691	3	0.002	0.002	0.98
37	Sabata Admin Town	8889	13	0.002	0.010	4.17
38	Shashamanne Admin Town	18119	12	0.005	0.009	1.89
39	Sululta Admin Town	2438	1	0.001	0.001	1.17
40	Woliso Admin Town	7727	4	0.002	0.003	1.48
Oromia		3693327	1296			

3.1.2. Student Enrolment in Secondary Schools

I. Secondary Schools (Grade 9-12) Enrolment by Ownership

Table 3.1. 3 Government and Non-Government Secondary Schools Enrolment by Grade

Government and Non-Government Secondary Schools Enrolment by Grade in 2013(2020/21G.C)																
SN	Zone /Admintown/	Grade 9			Grade 10			Grade 11			Grade 12			Grade 9-12		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	16671	13729	30400	15715	13747	29462	10192	7189	17381	9373	5846	15219	51951	40511	92462
2	Bale	5119	4057	9176	4819	4512	9331	3309	2527	5836	3001	2303	5304	16248	13399	29647
3	Borana	2413	1983	4396	2279	1950	4229	2021	1691	3712	2004	1606	3610	8717	7230	15947
4	Buno Beddelle	4376	4029	8405	4856	4664	9520	3188	2881	6069	3696	3330	7026	16116	14904	31020
5	East Bale	2857	1754	4611	2795	2005	4800	2140	1366	3506	2159	1479	3638	9951	6604	16555
6	East Hararge	14698	7222	21920	15233	7100	22333	11597	5364	16961	9525	4033	13558	51053	23719	74772
7	East Shoa	5280	5130	10410	5892	5960	11852	3703	2893	6596	2983	2187	5170	17858	16170	34028
8	East Wollega	9647	7874	17521	11414	10963	22377	7942	5564	13506	10336	8396	18732	39339	32797	72136
9	Guji	8526	4773	13299	8149	4551	12700	6807	3333	10140	6838	2966	9804	30320	15623	45943
10	Horo Guduru Wollega	7047	6173	13220	7836	7823	15659	5893	4717	10610	8780	6739	15519	29556	25452	55008
11	Ilu Aba Bora	5020	4364	9384	5810	5447	11257	4022	3252	7274	5154	4544	9698	20006	17607	37613
12	Jimma	14071	13989	28060	14433	14568	29001	11402	11291	22693	11356	10426	21782	51262	50274	101536
13	Kellem Wollega	8019	6672	14691	8490	7363	15853	7666	5871	13537	9107	6780	15887	33282	26686	59968
14	North Shoa	6343	5604	11947	7209	7316	14525	4129	3134	7263	5491	4428	9919	23172	20482	43654
15	OSZS Finfinne	2847	2404	5251	2797	2474	5271	1744	1506	3250	1333	944	2277	8721	7328	16049
16	South West Shoa	4861	3687	8548	5123	4079	9202	3480	2345	5825	3081	1992	5073	16545	12103	28648
17	West Arsi	10582	7820	18402	9310	7050	16360	7713	5410	13123	8702	4965	13667	36307	25245	61552
18	West Guji	7295	4017	11312	6703	3398	10101	5256	2827	8083	6264	2804	9068	25518	13046	38564
19	West Hararge	8908	4944	13852	9153	4882	14035	7485	4012	11497	5495	2512	8007	31041	16350	47391
20	West Shoa	14968	11949	26917	16181	15108	31289	10107	6672	16779	12614	10119	22733	53870	43848	97718
21	West Wollega	14256	11955	26211	16785	16160	32945	12701	9740	22441	18471	14506	32977	62213	52361	114574
22	Adama Admin Town	3334	3955	7289	3669	4572	8241	3133	3784	6917	2140	2339	4479	12276	14650	26926
23	Ambo Admin Town	1541	1526	3067	1632	1809	3441	1312	1217	2529	1216	1211	2427	5701	5763	11464
24	Asalla Admin Town	1568	1887	3455	1928	2027	3955	1661	1238	2899	1774	1499	3273	6931	6651	13582
25	Batu Admin Town	967	820	1787	1166	1055	2221	785	646	1431	922	651	1573	3840	3172	7012
26	Bishan Gurracha Admin	85	64	149	94	81	175	128	86	214	32	31	63	339	262	601
27	Bishoftu Admin Town	1528	1890	3418	2031	2611	4642	1339	1487	2826	1170	1200	2370	6068	7188	13256
28	Burrayyu Admin Town	645	929	1574	879	1199	2078	854	894	1748	624	864	1488	3002	3886	6888
29	Dukam Admin Town	476	549	1025	522	824	1346	315	359	674	296	272	568	1609	2004	3613
30	Galan Admin Town	188	173	361	208	252	460	115	129	244	94	73	167	605	627	1232
31	Holeta Admin Town	684	736	1420	936	1037	1973	463	517	980	567	464	1031	2650	2754	5404
32	Jimma Admin Town	1671	2148	3819	2115	2317	4432	2497	2627	5124	1857	1894	3751	8140	8986	17126
33	L/T/L/Dadhi Admin Town	256	307	563	385	480	865	278	227	505	301	243	544	1220	1257	2477
34	Mojo Admin Town	573	779	1352	695	976	1671	469	590	1059	312	378	690	2049	2723	4772
35	Nekemte Admin Town	1525	1850	3375	1735	2233	3968	1610	1793	3403	2534	2537	5071	7404	8413	15817
36	Robe Admin Town	1113	1065	2178	1317	1288	2605	770	798	1568	947	851	1798	4147	4002	8149
37	Sabata Admin Town	982	1155	2137	1537	1718	3255	1063	1351	2414	880	907	1787	4462	5131	9593
38	Shashamane Admin Town	2380	2118	4498	2594	2298	4892	1934	1695	3629	2020	1485	3505	8928	7596	16524
39	Sululta Admin Town	430	514	944	368	456	824	317	366	683	279	215	494	1394	1551	2945
40	Woliso Admin Town	1154	1114	2268	1354	1209	2563	1041	1023	2064	890	700	1590	4439	4046	8485
	Oromia	194904	157708	352612	206147	179562	385709	152581	114412	266993	164618	120719	285337	718250	572401	1290651

Table 3.1. 4 Government Secondary Schools Enrolment by Grade

Government Secondary Schools Enrolment by Grade in 2013 (2020/21 G.C)																
SN	Zone /Administrative town/	Grade 9			Grade 10			Grade 11			Grade 12			Grade (9-12)		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	16656	13706	30362	15696	13730	29426	10192	7189	17381	9373	5846	15219	51917	40471	92388
2	Bale	5119	4057	9176	4819	4512	9331	3309	2527	5836	3001	2303	5304	16248	13399	29647
3	Borana	2413	1983	4396	2279	1950	4229	2021	1691	3712	2004	1606	3610	8717	7230	15947
4	Buno Beddelle	4376	4029	8405	4856	4664	9520	3188	2881	6069	3696	3330	7026	16116	14904	31020
5	East Bale	2857	1754	4611	2795	2005	4800	2140	1366	3506	2159	1479	3638	9951	6604	16555
6	East Hararge	14578	7105	21683	15139	7025	22164	11519	5292	16811	9422	3967	13389	50658	23389	74047
7	East Shoa	4944	4749	9693	5504	5577	11081	3461	2688	6149	2787	2054	4841	16696	15068	31764
8	East Wollegga	9647	7874	17521	11414	10963	22377	7942	5564	13506	10336	8396	18732	39339	32797	72136
9	Guji	8526	4773	13299	8149	4551	12700	6807	3333	10140	6838	2966	9804	30320	15623	45943
10	Horo Guduru Wollega	7021	6133	13154	7802	7785	15587	5859	4674	10533	8708	6676	15384	29390	25268	54658
11	Illu Aba Bora	5020	4364	9384	5810	5447	11257	4022	3252	7274	5154	4544	9698	20006	17607	37613
12	Jimma	14071	13989	28060	14433	14568	29001	11402	11291	22693	11356	10426	21782	51262	50274	101536
13	Kellem Wollegga	7963	6628	14591	8429	7312	15741	7606	5814	13420	9021	6744	15765	33019	26498	59517
14	North Shoa	6343	5604	11947	7209	7316	14525	4129	3134	7263	5491	4428	9919	23172	20482	43654
15	OSZS Finfinne	2835	2386	5221	2791	2450	5241	1734	1482	3216	1325	939	2264	8685	7257	15942
16	South West Shoa	4861	3687	8548	5123	4079	9202	3480	2345	5825	3081	1992	5073	16545	12103	28648
17	West Arsi	10178	7482	17660	8871	6699	15570	7322	5131	12453	7953	4540	12493	34324	23852	58176
18	West Guji	7295	4017	11312	6703	3398	10101	5256	2827	8083	6264	2804	9068	25518	13046	38564
19	West Hararge	8908	4944	13852	9153	4882	14035	7485	4012	11497	5495	2512	8007	31041	16350	47391
20	West Shoa	14877	11872	26749	16080	14969	31049	10011	6614	16625	12431	10051	22482	53399	43506	96905
21	West Wollega	14055	11764	25819	16464	15802	32266	12326	9356	21682	17710	14027	31737	60555	50949	111504
22	Adama Admin Town	2227	2734	4961	2552	3344	5896	2440	2884	5324	1578	1719	3297	8797	10681	19478
23	Ambo Admin Town	1486	1461	2947	1566	1724	3290	1241	1167	2408	1138	1134	2272	5431	5486	10917
24	Asalla Admin Town	1216	1519	2735	1637	1694	3331	1463	1056	2519	1612	1341	2953	5928	5610	11538
25	Batu Admin Town	657	544	1201	786	701	1487	535	409	944	700	413	1113	2678	2067	4745
26	Bishan Gurracha Admin Town	85	64	149	94	81	175	128	86	214	32	31	63	339	262	601
27	Bishoftu Admin Town	1123	1465	2588	1541	2040	3581	1086	1187	2273	1014	983	1997	4764	5675	10439
28	Burrayu Admin Town	544	786	1330	788	1071	1859	819	847	1666	600	820	1420	2751	3524	6275
29	Dukam Admin Town	411	462	873	448	731	1179	286	321	607	296	272	568	1441	1786	3227
30	Galan Admin Town	188	173	361	208	252	460	115	129	244	94	73	167	605	627	1232
31	Holeta Admin Town	656	711	1367	936	1037	1973	463	517	980	567	464	1031	2622	2729	5351
32	Jimma Admin Town	1437	1862	3299	1836	2001	3837	2242	2299	4541	1612	1551	3163	7127	7713	14840
33	L/T/L/Dadhi Admin Town	206	250	456	345	430	775	244	190	434	260	198	458	1055	1068	2123
34	Mojo Admin Town	491	685	1176	602	857	1459	376	507	883	242	279	521	1711	2328	4039
35	Nekemte Admin Town	1369	1638	3007	1559	2047	3606	1493	1662	3155	2412	2425	4837	6833	7772	14605
36	Robe Admin Town	1113	1065	2178	1317	1288	2605	770	798	1568	947	851	1798	4147	4002	8149
37	Sabata Admin Town	518	608	1126	1070	1176	2246	740	858	1598	571	503	1074	2899	3145	6044
38	Shashamanne Admin Town	1843	1604	3447	1953	1737	3690	1373	1184	2557	1315	884	2199	6484	5409	11893
39	Sululta Admin Town	430	514	944	368	456	824	317	366	683	279	215	494	1394	1551	2945
40	Woliso Admin Town	1154	1114	2268	1354	1209	2563	1041	1023	2064	890	700	1590	4439	4046	8485
Oromia		189697	152159	341856	200479	173560	374039	148383	109953	258336	159764	116486	276250	698323	552158	1250481

Table 3.1. 5 Non-Government Secondary Schools Enrolment by Grade

Non-Government Secondary Schools Enrolment by Grade in 2013 (2020/21 G.C)																
SN	Zone /Administrative town/	Grade 9			Grade 10			Grade 11			Grade 12			Grade (9-12)		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	15	23	38	19	17	36	0	0	0	0	0	0	34	40	74
2	Bale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Borena	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Buno Beddelle	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	East Bale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	East Hararge	120	117	237	94	75	169	78	72	150	103	66	169	395	330	725
7	East Shoa	336	381	717	388	383	771	242	205	447	196	133	329	1162	1102	2264
8	East Wollega	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Guji	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Horo Guduru Wollega	26	40	66	34	38	72	34	43	77	72	63	135	166	184	350
11	Ilu Aba Bora	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Jimma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Kellem Wollega	56	44	100	61	51	112	60	57	117	86	36	122	263	188	451
14	North Shoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	OSZS Finfinne	12	18	30	6	24	30	10	24	34	8	5	13	36	71	107
16	South West Shoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	West Arsi	404	338	742	439	351	790	391	279	670	749	425	1174	1983	1393	3376
18	West Guji	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	West Hararge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	West Shoa	91	77	168	101	139	240	96	58	154	183	68	251	471	342	813
21	West Wollega	201	191	392	321	358	679	375	384	759	761	479	1240	1658	1412	3070
22	Adama Admin Town	1107	1221	2328	1117	1228	2345	693	900	1593	562	620	1182	3479	3969	7448
23	Ambo Admin Town	55	65	120	66	85	151	71	50	121	78	77	155	270	277	547
24	Asela Admin Town	352	368	720	291	333	624	198	182	380	162	158	320	1003	1041	2044
25	Batu Admin Town	310	276	586	380	354	734	250	237	487	222	238	460	1162	1105	2267
26	Bishan Guracha Admin Town	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Bishoftu Admin Town	405	425	830	490	571	1061	253	300	553	156	217	373	1304	1513	2817
28	Burayu Admin Town	101	143	244	91	128	219	35	47	82	24	44	68	251	362	613
29	Dukem Admin Town	65	87	152	74	93	167	29	38	67	0	0	0	168	218	386
30	Gelan Admin Town	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Holeta Admin Town	28	25	53	0	0	0	0	0	0	0	0	0	28	25	53
32	Jimma Admin Town	234	286	520	279	316	595	255	328	583	245	343	588	1013	1273	2286
33	L/T/L/Dadhi Admin Town	50	57	107	40	50	90	34	37	71	41	45	86	165	189	354
34	Modjo Admin Town	82	94	176	93	119	212	93	83	176	70	99	169	338	395	733
35	Nekemte Admin Town	156	212	368	176	186	362	117	131	248	122	112	234	571	641	1212
36	Robe Admin Town	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
37	Sebeta Admin Town	464	547	1011	467	542	1009	323	493	816	309	404	713	1563	1986	3549
38	Shashamanne Admin Town	537	514	1051	641	561	1202	561	511	1072	705	601	1306	2444	2187	4631
39	Sululta Admin Town	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
40	Woliso Admin Town	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Oromia	5207	5549	10756	5668	6002	11670	4198	4459	8657	4854	4233	9087	19927	20243	40170

II. Secondary schools (Grade 9-12) Enrolment by Program Mode

Table 3.1. 6 Secondary Schools Regular Enrolment by Grade

Government And Non-Government Secondary Schools Regular Enrolment by Grade 2013 (2020/21 G.C)																
SN	Zones /Administrative Town	Grade 9			Grade 10			Grade 11			Grade 12			Total Grade (9-12)		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	16652	13723	30375	15700	13734	29434	9544	6959	16503	7387	5050	12437	49283	39466	88749
2	Bale	5119	4057	9176	4819	4512	9331	3131	2403	5534	2376	1947	4323	15445	12919	28364
3	Borena	2413	1983	4396	2279	1950	4229	1932	1591	3523	1807	1445	3252	8431	6969	15400
4	Buno Beddelle	4376	4029	8405	4856	4664	9520	3107	2800	5907	2695	2577	5272	15034	14070	29104
5	East Bale	2857	1754	4611	2795	2005	4800	1884	1197	3081	1892	1082	2974	9428	6038	15466
6	East Hararge	14654	7194	21848	15162	7056	22218	11409	5280	16689	8913	3722	12635	50138	23252	73390
7	East Shoa	5252	5119	10371	5833	5936	11769	3477	2808	6285	2426	1907	4333	16988	15770	32758
8	East Wollega	9647	7874	17521	11414	10963	22377	7339	5251	12590	8710	7469	16179	37110	31557	68667
9	Guji	8492	4766	13258	8041	4524	12565	6500	3258	9758	5640	2506	8146	28673	15054	43727
10	Horo Guduru Wollega	7008	6153	13161	7788	7777	15565	5429	4491	9920	6765	5421	12186	26990	23842	50832
11	Ilu Aba Bora	5013	4356	9369	5802	5434	11236	3715	3006	6721	3429	3247	6676	17959	16043	34002
12	Jimma	14071	13989	28060	14433	14568	29001	10901	10801	21702	8008	8064	16072	47413	47422	94835
13	Kellem Wollega	7825	6464	14289	8464	7343	15807	6561	5165	11726	6884	5575	12459	29734	24547	54281
14	North Shoa	6343	5604	11947	7209	7316	14525	4067	3113	7180	4697	3989	8686	22316	20022	42338
15	OSZS Finfinne	2834	2399	5233	2789	2470	5259	1730	1498	3228	1255	904	2159	8608	7271	15879
16	South West Shoa	4861	3687	8548	5123	4079	9202	3152	2202	5354	2422	1684	4106	15558	11652	27210
17	West Arsi	10582	7820	18402	9310	7050	16360	7153	5188	12341	6441	4135	10576	33486	24193	57679
18	West Guji	7202	3948	11150	6612	3371	9983	5134	2753	7887	4539	2060	6599	23487	12132	35619
19	West Hararge	8894	4935	13829	9118	4854	13972	7212	3794	11006	5027	2198	7225	30251	15781	46032
20	West Shoa	14937	11934	26871	16143	15094	31237	9753	6488	16241	11133	9310	20443	51966	42826	94792
21	West Wollega	14233	11922	26155	16741	16125	32866	11507	8894	20401	13784	11372	25156	56265	48313	104578
22	Adama Admin Town	3117	3787	6904	3494	4443	7937	2884	3613	6497	1934	2217	4151	11429	14060	25489
23	Ambo Admin Town	1464	1478	2942	1528	1725	3253	1246	1177	2423	1006	1118	2124	5244	5498	10742
24	Asela Admin Town	1538	1864	3402	1893	1993	3886	1558	1180	2738	1708	1467	3175	6697	6504	13201
25	Batu Admin Town	896	789	1685	1095	1017	2112	697	593	1290	695	569	1264	3383	2968	6351
26	Bishan Guracha Admin Town	85	64	149	94	81	175	106	74	180	32	31	63	317	250	567
27	Bishoftu Admin Town	1461	1834	3295	1924	2516	4440	1220	1405	2625	967	1102	2069	5572	6857	12429
28	Burayu Admin Town	611	889	1500	798	1118	1916	607	742	1349	534	793	1327	2550	3542	6092
29	Dukem Admin Town	462	533	995	509	812	1321	297	346	643	231	230	461	1499	1921	3420
30	Gelan Admin Town	168	161	329	202	247	449	115	129	244	70	60	130	555	597	1152
31	Holeta Admin Town	651	726	1377	915	1021	1936	441	508	949	503	430	933	2510	2685	5195
32	Jimma Admin Town	1520	2003	3523	1965	2189	4154	1841	2059	3900	1434	1596	3030	6760	7847	14607
33	L/T/L/Dadhi Admin Town	239	281	520	322	428	750	246	209	455	206	198	404	1013	1116	2129
34	Modjo Admin Town	549	764	1313	682	962	1644	453	575	1028	274	354	628	1958	2655	4613
35	Nekemte Admin Town	1431	1775	3206	1624	2130	3754	1409	1634	3043	1715	1897	3612	6179	7436	13615
36	Robe Admin Town	1113	1065	2178	1298	1285	2583	756	791	1547	680	673	1353	3847	3814	7661
37	Sebeta Admin Town	929	1115	2044	1516	1700	3216	1022	1318	2340	731	839	1570	4198	4972	9170
38	Shashamane Admin Town	2320	2095	4415	2536	2279	4815	1858	1668	3526	1772	1372	3144	8486	7414	15900
39	Sululta Admin Town	404	489	893	349	449	798	304	359	663	200	188	388	1257	1485	2742
40	Woliso Admin Town	1123	1104	2227	1329	1195	2524	858	895	1753	675	551	1226	3985	3745	7730
	Oromia	193346	156526	349872	204504	178415	382919	142555	108215	250770	131597	101349	232946	672002	544505	1216507

Table 3.1. 7 Secondary Schools Evening Enrolment in 2013 (2020/21G.C)

Secondary Government And None Government Schools Evening Enrolment by Grade																
SN	Zones /Administrative Town	Grade 9			Grade 10			Grade 11			Grade 12			Total Grade (9-12)		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	19	6	25	15	13	28	648	230	878	1986	796	2782	2668	1045	3713
2	Bale	0	0	0	0	0	0	178	124	302	625	356	981	803	480	1283
3	Borena	0	0	0	0	0	0	89	100	189	197	161	358	286	261	547
4	Buno Beddelle	0	0	0	0	0	0	81	81	162	1001	753	1754	1082	834	1916
5	East Bale	0	0	0	0	0	0	256	169	425	267	397	664	523	566	1089
6	East Hararge	44	28	72	71	44	115	188	84	272	612	311	923	915	467	1382
7	East Shoa	28	11	39	59	24	83	226	85	311	557	280	837	870	400	1270
8	East Wollega	0	0	0	0	0	0	603	313	916	1626	927	2553	2229	1240	3469
9	Guji	34	7	41	108	27	135	307	75	382	1198	460	1658	1647	569	2216
10	Horo Guduru Wollega	39	20	59	48	46	94	464	226	690	2015	1318	3333	2566	1610	4176
11	Illu Aba Bora	7	8	15	8	13	21	307	246	553	1725	1297	3022	2047	1564	3611
12	Jimma	0	0	0	0	0	0	501	490	991	3348	2362	5710	3849	2852	6701
13	Kellem Wollega	194	208	402	26	20	46	1105	706	1811	2223	1205	3428	3548	2139	5687
14	North Shoa	0	0	0	0	0	0	62	21	83	794	439	1233	856	460	1316
15	OSZS Finfinne	13	5	18	8	4	12	14	8	22	78	40	118	113	57	170
16	South West Shoa	0	0	0	0	0	0	328	143	471	659	308	967	987	451	1438
17	West Arsi	0	0	0	0	0	0	560	222	782	2261	830	3091	2821	1052	3873
18	West Guji	93	69	162	91	27	118	122	74	196	1725	744	2469	2031	914	2945
19	West Hararge	14	9	23	35	28	63	273	218	491	468	314	782	790	569	1359
20	West Shoa	31	15	46	38	14	52	354	184	538	1481	809	2290	1904	1022	2926
21	West Wollega	23	33	56	44	35	79	1194	846	2040	4687	3134	7821	5948	4048	9996
22	Adama Admin Town	217	168	385	175	129	304	249	171	420	206	122	328	847	590	1437
23	Ambo Admin Town	77	48	125	104	84	188	66	40	106	210	93	303	457	265	722
24	Asela Admin Town	30	23	53	35	34	69	103	58	161	66	32	98	234	147	381
25	Batu Admin Town	71	31	102	71	38	109	88	53	141	227	82	309	457	204	661
26	Bishan Guracha Admin Town	0	0	0	0	0	0	22	12	34	0	0	0	22	12	34
27	Bishoftu Admin Town	67	56	123	107	95	202	119	82	201	203	98	301	496	331	827
28	Burayu Admin Town	34	40	74	81	81	162	247	152	399	90	71	161	452	344	796
29	Dukem Admin Town	14	16	30	13	12	25	18	13	31	65	42	107	110	83	193
30	Gelan Admin Town	20	12	32	6	5	11	0	0	0	24	13	37	50	30	80
31	Holeta Admin Town	33	10	43	21	16	37	22	9	31	64	34	98	140	69	209
32	Jimma Admin Town	151	145	296	150	128	278	656	568	1224	423	298	721	1380	1139	2519
33	L/T/L/Dadhi Admin Town	17	26	43	63	52	115	32	18	50	95	45	140	207	141	348
34	Modjo Admin Town	24	15	39	13	14	27	16	15	31	38	24	62	91	68	159
35	Nekemte Admin Town	94	75	169	111	103	214	201	159	360	819	640	1459	1225	977	2202
36	Robe Admin Town	0	0	0	19	3	22	14	7	21	267	178	445	300	188	488
37	Sebeta Admin Town	53	40	93	21	18	39	41	33	74	149	68	217	264	159	423
38	Shashamane Admin Town	60	23	83	58	19	77	76	27	103	248	113	361	442	182	624
39	Sululta Admin Town	26	25	51	19	7	26	13	7	20	79	27	106	137	66	203
40	Woliso Admin Town	31	10	41	25	14	39	183	128	311	215	149	364	454	301	755
Oromia		1558	1182	2740	1643	1147	2790	10026	6197	16223	33021	19370	52391	46248	27896	74144

III. Secondary (Grade 9-12) Schools Enrolment by Locality

Table 3.1. 8 Urban Secondary Schools Enrolment by Grade

Urban Secondary Schools Enrolment by Grade in 2013 (2020/21 G.C.)																
SN	Zones /Administrative Town	Grade 9			Grade 10			Grade 11			Grade 12			Total Grade (9-12)		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	13918	11808	25726	13420	12264	25684	8876	6384	15260	8495	5451	13946	44709	35907	80616
2	Bale	4312	3447	7759	4042	3872	7914	2777	2214	4991	2809	2183	4992	13940	11716	25656
3	Borena	1627	1426	3053	1463	1386	2849	1341	1209	2550	1588	1364	2952	6019	5385	11404
4	Buno Beddelle	2813	2738	5551	3206	3244	6450	2134	2005	4139	2977	2802	5779	11130	10789	21919
5	East Bale	2181	1325	3506	2126	1496	3622	1705	1166	2871	1838	1376	3214	7850	5363	13213
6	East Hararge	12671	6399	19070	13168	6360	19528	10015	4811	14826	8262	3661	11923	44116	21231	65347
7	East Shoa	4634	4523	9157	5182	5369	10551	3123	2465	5588	2559	1822	4381	15498	14179	29677
8	East Wollega	7766	6385	14151	9315	9138	18453	6433	4539	10972	8748	7175	15923	32262	27237	59499
9	Guji	4803	3089	7892	4606	3095	7701	3766	2106	5872	3885	1927	5812	17060	10217	27277
10	Horo Guduru Wollega	4970	4545	9515	5681	5917	11598	4224	3468	7692	6577	5132	11709	21452	19062	40514
11	Ilu Aba Bora	3167	2792	5959	3883	3874	7757	2396	2158	4554	3307	3358	6665	12753	12182	24935
12	Jimma	9492	9769	19261	9772	10272	20044	8086	8316	16402	9309	8656	17965	36659	37013	73672
13	Kellem Wollega	5778	5157	10935	6348	5794	12142	5578	4451	10029	7053	5424	12477	24757	20826	45583
14	North Shoa	5626	4976	10602	6356	6594	12950	3734	2868	6602	5142	4127	9269	20858	18565	39423
15	OSZS Finfinne	2457	2197	4654	2413	2284	4697	1481	1361	2842	1173	880	2053	7524	6722	14246
16	South West Shoa	4456	3407	7863	4729	3830	8559	3179	2194	5373	2988	1915	4903	15352	11346	26698
17	West Arsi	9170	7019	16189	8061	6394	14455	6623	4925	11548	7641	4465	12106	31495	22803	54298
18	West Guji	4630	2765	7395	4189	2359	6548	3596	2188	5784	4466	2165	6631	16881	9477	26358
19	West Hararge	7314	4260	11574	7559	4355	11914	6347	3591	9938	4697	2276	6973	25917	14482	40399
20	West Shoa	12039	9742	21781	13355	12776	26131	7886	5007	12893	10674	8680	19354	43954	36205	80159
21	West Wollega	9771	8536	18307	11553	12067	23620	9332	7505	16837	15739	12674	28413	46395	40782	87177
22	Adama Admin Town	3334	3955	7289	3669	4572	8241	3133	3784	6917	2140	2339	4479	12276	14650	26926
23	Ambo Admin Town	1541	1526	3067	1632	1809	3441	1312	1217	2529	1216	1211	2427	5701	5763	11464
24	Asela Admin Town	1568	1887	3455	1928	2027	3955	1661	1238	2899	1774	1499	3273	6931	6651	13582
25	Batu Admin Town	967	820	1787	1166	1055	2221	785	646	1431	922	651	1573	3840	3172	7012
26	Bishan Guracha Admin Town	85	64	149	94	81	175	128	86	214	32	31	63	339	262	601
27	Bishoftu Admin Town	1528	1890	3418	2031	2611	4642	1339	1487	2826	1170	1200	2370	6068	7188	13256
28	Burayu Admin Town	645	929	1574	879	1199	2078	854	894	1748	624	864	1488	3002	3886	6888
29	Dukem Admin Town	476	549	1025	522	824	1346	315	359	674	296	272	568	1609	2004	3613
30	Gelan Admin Town	188	173	361	208	252	460	115	129	244	94	73	167	605	627	1232
31	Holeta Admin Town	684	736	1420	936	1037	1973	463	517	980	567	464	1031	2650	2754	5404
32	Jimma Admin Town	1671	2148	3819	2115	2317	4432	2497	2627	5124	1857	1894	3751	8140	8986	17126
33	L/T/L/Dadhi Admin Town	256	307	563	385	480	865	278	227	505	301	243	544	1220	1257	2477
34	Modjo Admin Town	573	779	1352	695	976	1671	469	590	1059	312	378	690	2049	2723	4772
35	Nekemte Admin Town	1525	1850	3375	1735	2233	3968	1610	1793	3403	2534	2537	5071	7404	8413	15817
36	Robe Admin Town	1113	1065	2178	1317	1288	2605	770	798	1568	947	851	1798	4147	4002	8149
37	Sebeta Admin Town	982	1155	2137	1537	1718	3255	1063	1351	2414	880	907	1787	4462	5131	9593
38	Shashamane Admin Town	2380	2118	4498	2594	2298	4892	1934	1695	3629	2020	1485	3505	8928	7596	16524
39	Sululta Admin Town	430	514	944	368	456	824	317	366	683	279	215	494	1394	1551	2945
40	Woliso Admin Town	1154	1114	2268	1354	1209	2563	1041	1023	2064	890	700	1590	4439	4046	8485
	Oromia	154695	129884	284579	165592	151182	316774	122716	95758	218474	138782	105327	244109	581785	482151	1063936

Table 3.1. 9 Rural Secondary Schools Enrolment by Grade

Rural Secondary Schools Enrolment by Grade in 2013 (2020/21 G.C.)																
SN	Zones /Administrative Town	Grade 9			Grade 10			Grade 11			Grade 12			Total Grade (9-12)		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	2753	1921	4674	2295	1483	3778	1316	805	2121	878	395	1273	7242	4604	11846
2	Bale	807	610	1417	777	640	1417	532	313	845	192	120	312	2308	1683	3991
3	Borena	786	557	1343	816	564	1380	680	482	1162	416	242	658	2698	1845	4543
4	Buno beddele	1563	1291	2854	1650	1420	3070	1054	876	1930	719	528	1247	4986	4115	9101
5	East Shoa	676	429	1105	669	509	1178	435	200	635	321	103	424	2101	1241	3342
6	East Hararge	2027	823	2850	2065	740	2805	1582	553	2135	1263	372	1635	6937	2488	9425
7	East Shoa	646	607	1253	710	591	1301	580	428	1008	424	365	789	2360	1991	4351
8	East Wollega	1881	1489	3370	2099	1825	3924	1509	1025	2534	1588	1221	2809	7077	5560	12637
9	Guji	3723	1684	5407	3543	1456	4999	3041	1227	4268	2953	1039	3992	13260	5406	18666
10	Horo Guduru Wollega	2077	1628	3705	2155	1906	4061	1669	1249	2918	2203	1607	3810	8104	6390	14494
11	Ilu Aba Bora	1853	1572	3425	1927	1573	3500	1626	1094	2720	1847	1186	3033	7253	5425	12678
12	Keleme Wollega	4579	4220	8799	4661	4296	8957	3316	2975	6291	2047	1770	3817	14603	13261	27864
13	North Shoa	2241	1515	3756	2142	1569	3711	2088	1420	3508	2054	1356	3410	8525	5860	14385
14	OSZS Finfinne	717	628	1345	853	722	1575	395	266	661	349	301	650	2314	1917	4231
15	South West Shoa	390	207	597	384	190	574	263	145	408	160	64	224	1197	606	1803
16	West Arsi	405	280	685	394	249	643	301	151	452	93	77	170	1193	757	1950
17	West Guji	1412	801	2213	1249	656	1905	1090	485	1575	1061	500	1561	4812	2442	7254
18	West Hararge	2665	1252	3917	2514	1039	3553	1660	639	2299	1798	639	2437	8637	3569	12206
19	West Shoa	1594	684	2278	1594	527	2121	1138	421	1559	798	236	1034	5124	1868	6992
20	West Wollega	2929	2207	5136	2826	2332	5158	2221	1665	3886	1940	1439	3379	9916	7643	17559
Oromia		40209	27824	68033	40555	28380	68935	29865	18654	48519	25836	15392	41228	136465	90250	226715

IV. Secondary Schools (grade 11-12) Enrolment by Stream

Table 3.1. 10 Secondary (grade 11-12) Enrolment by Stream (70% NS and 30% SS)

Secondary Grade 11-12 Enrolment By Stream (70% Natural Science and 30% Social Science) in 2013 (2020/21 G.C)																						
SN	Zone/ Administrative Towns	Natura Science									Social Science									Total (11-12)		
		Grade 11			Grade 12			Total			Grade 11			Grade 12			Total			NS+SS		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	4363	2793	7156	4085	2292	6377	8448	5085	13533	5829	4396	10225	5288	3554	8842	11117	7950	19067	19565	13035	32600
2	Bale	1047	754	1801	967	664	1631	2014	1418	3432	2262	1773	4035	2034	1639	3673	4296	3412	7708	6310	4830	11140
3	Borena	692	430	1122	759	446	1205	1451	876	2327	1329	1261	2590	1245	1160	2405	2574	2421	4995	4025	3297	7322
4	Buno Beddelle	1502	1270	2772	1654	1223	2877	3156	2493	5649	1686	1611	3297	2042	2107	4149	3728	3718	7446	6884	6211	13095
5	East Bale	646	348	994	757	350	1107	1403	698	2101	1494	1018	2512	1402	1129	2531	2896	2147	5043	4299	2845	7144
6	East Hararge	4156	1479	5635	3593	1288	4881	7749	2767	10516	7441	3885	11326	5932	2745	8677	13373	6630	20003	21122	9397	30519
7	East Shoa	1684	1214	2898	1371	939	2310	3055	2153	5208	2019	1679	3698	1612	1248	2860	3631	2927	6558	6686	5080	11766
8	East Wollega	4295	2827	7122	5700	4591	10291	9995	7418	17413	3647	2737	6384	4636	3805	8441	8283	6542	14825	18278	13960	32238
9	Guji	2550	1056	3606	2350	834	3184	4900	1890	6790	4257	2277	6534	4488	2132	6620	8745	4409	13154	13645	6299	19944
10	Horo Guduru Wollega	3298	2491	5789	4727	3394	8121	8025	5885	13910	2595	2226	4821	4053	3345	7398	6648	5571	12219	14673	11456	26129
11	Ilu Aba Bora	1543	1112	2655	2027	1597	3624	3570	2709	6279	2479	2140	4619	3127	2947	6074	5606	5087	10693	9176	7796	16972
12	Jimma	4805	4218	9023	4391	3610	8001	9196	7828	17024	6597	7073	13670	6965	6816	13781	13562	13889	27451	22758	21717	44475
13	Kellem Wollega	3446	2319	5765	3786	2473	6259	7232	4792	12024	4220	3552	7772	5321	4307	9628	9541	7859	17400	16773	12651	29424
14	North Shoa	1900	1383	3283	2696	2083	4779	4596	3466	8062	2229	1751	3980	2795	2345	5140	5024	4096	9120	9620	7562	17182
15	OSZS Finfinne	673	573	1246	512	339	851	1185	912	2097	1071	933	2004	821	605	1426	1892	1538	3430	3077	2450	5527
16	South West Shoa	1334	701	2035	1080	530	1610	2414	1231	3645	2146	1644	3790	2001	1462	3463	4147	3106	7253	6561	4337	10898
17	West Arsi	2935	2152	5087	2844	1453	4297	5779	3605	9384	4778	3258	8036	5858	3512	9370	10636	6770	17406	16415	10375	26790
18	West Guji	2481	1050	3531	2880	1008	3888	5361	2058	7419	2775	1777	4552	3384	1796	5180	6159	3573	9732	11520	5631	17151
19	West Hararge	2526	948	3474	1778	650	2428	4304	1598	5902	4959	3064	8023	3717	1862	5579	8676	4926	13602	12980	6524	19504
20	West Shoa	5605	3428	9033	6813	5014	11827	12418	8442	20860	4502	3244	7746	5801	5105	10906	10303	8349	18652	22721	16791	39512
21	West Wollega	6006	3971	9977	8470	5834	14304	14476	9805	24281	6695	5769	12464	10001	8672	18673	16696	14441	31137	31172	24246	55418
22	Adama Admin Town	2318	2471	4789	1817	1823	3640	4135	4294	8429	815	1313	2128	323	516	839	1138	1829	2967	5273	6123	11396
23	Amba Admin Town	811	728	1539	753	654	1407	1564	1382	2946	501	489	990	463	557	1020	964	1046	2010	2528	2428	4956
24	Asela Admin Town	995	668	1663	681	628	1309	1676	1296	2972	666	570	1236	1093	871	1964	1759	1441	3200	3435	2737	6172
25	Batu Admin Town	460	371	831	426	267	693	886	638	1524	325	275	600	496	384	880	821	659	1480	1707	1297	3004
26	Bishan Guracha Admin Town	35	19	54	15	8	23	50	27	77	93	67	160	17	23	40	110	90	200	160	117	277
27	Bishoftu Admin Town	850	788	1638	854	763	1617	1704	1551	3255	489	699	1188	316	437	753	805	1136	1941	2509	2687	5196
28	Burayu Admin Town	436	429	865	366	420	786	802	849	1651	418	465	883	258	444	702	676	909	1585	1478	1758	3236
29	Dukem Admin Town	172	152	324	160	118	278	332	270	602	143	207	350	136	154	290	279	361	640	611	631	1242
30	Gelan Admin Town	40	30	70	39	30	69	79	60	139	75	99	174	55	43	98	130	142	272	209	202	411
31	Holeta Admin Town	288	281	569	331	202	533	619	483	1102	175	236	411	236	262	498	411	498	909	1030	981	2011
32	Jimma Admin Town	1304	1502	2806	1190	1162	2352	2494	2664	5158	1193	1125	2318	667	732	1399	1860	1857	3717	4354	4521	8875
33	L/T/L/Dadhi Admin Town	128	89	217	135	101	236	263	190	453	150	138	288	166	142	308	316	280	596	579	470	1049
34	Modjo Admin Town	307	322	629	205	231	436	512	553	1065	162	268	430	107	147	254	269	415	684	781	968	1749
35	Nekemte Admin Town	990	1033	2023	1561	1373	2934	2551	2406	4957	620	760	1380	973	1164	2137	1593	1924	3517	4144	4330	8474
36	Robe Admin Town	414	374	788	409	301	710	823	675	1498	356	424	780	538	550	1088	894	974	1868	1717	1649	3366
37	Sebeta Admin Town	464	541	1005	458	462	920	922	1003	1925	599	810	1409	422	445	867	1021	1255	2276	1943	2258	4201
38	Shashamane Admin Town	1042	893	1935	1035	734	1769	2077	1627	3704	892	802	1694	985	751	1736	1877	1553	3430	3954	3180	7134
39	Sululta Admin Town	140	131	271	157	109	266	297	240	537	177	235	412	122	106	228	299	341	640	596	581	1177
40	Woliso Admin Town	493	388	881	443	266	709	936	654	1590	548	635	1183	447	434	881	995	1069	2064	1931	1723	3654
Oromia		69174	47727	116901	74275	50264	124539	143449	97991	241440	83407	66685	150092	90343	70455	160798	173750	137140	310890	317199	235131	552330

As can be seen from table 3.1.10 above, secondary grade 11-12 enrolment by stream shows 56.3% of the students are of social science stream, which is against the strategy that states 70% natural and 30% social streams.

V. Secondary Schools Special Need Education Enrolment by Type of Disability

Table 3.1. 11 Special Need Education Enrolment in Secondary by grade and Type of Disability

Table 3.12 Secondary Schools Students with Special Need by Types of Special Needs in 2013 (2020/21G.C.)																	
Types of Special Need	9			10			11			12			(9-12)			% of Type of SN From All SNE	Rank
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T		
Autism	3	0	3	1	1	2	1		1	3		3	8	1	9	0.1	17
Multi-Disability of Hearing an	18	24	42	27	33	60	27	25	52	4		4	76	82	158	2.1	12
Multi-Disability of Vision and	48	35	83	81	94	175	47	54	101	7	10	17	183	193	376	5.0	8
Partial Behavioral and Social	152	112	264	154	95	249	100	74	174	103	77	180	509	358	867	11.5	4
Partial Communication Difficul	86	54	140	79	42	121	97	61	158	83	46	129	345	203	548	7.2	7
Partial Hearing Problem	165	87	252	132	87	219	106	62	168	65	48	113	468	284	752	9.9	5
Partial Learning Problem	205	114	319	191	83	274	78	68	146	87	66	153	561	331	892	11.8	3
Partial Mental Difficulty	98	58	156	99	52	151	93	47	140	72	40	112	362	197	559	7.4	6
Partial Physical Impairment	189	91	280	187	95	282	157	69	226	133	81	214	666	336	1002	13.2	2
Partial Vision Problem	226	141	367	218	143	361	173	99	272	177	113	290	794	496	1290	17.0	1
Severe Behavioral and Social P	19	11	30	11	9	20	11	9	20	18	5	23	59	34	93	1.2	13
Severe Communication Difficult	10	11	21	10	1	11	7	6	13	13	6	19	40	24	64	0.8	15
Severe Hearing Problem	59	37	96	56	41	97	29	26	55	37	21	58	181	125	306	4.0	10
Severe Learning Problem	15	7	22	11	5	16	13	8	21	9	5	14	48	25	73	1.0	14
Severe Mental Difficulty	10	9	19	8	6	14	10	1	11	4	2	6	32	18	50	0.7	16
Severe Physical Impairment	55	29	84	57	41	98	46	36	82	54	30	84	212	136	348	4.6	9
Severe Vision Problem	18	10	28	40	34	74	34	29	63	10	7	17	102	80	182	2.4	11
Total Oromia	1376	830	2206	1362	862	2224	1029	674	1703	879	557	1436	4646	2923	7569	100	

Table 3.1. 12 Secondary Education Share of Special Needs Enrolment

Secondary Education Share of Special Need Enrolment in 2013 (2020/21 G.C.)										
SN	Zone /Administrative town	Grade (9_ 12) SNE Enrolment			Grade (9-12) Total Enrolment			% of SNE In Grade (9-12)		
		M	F	T	M	F	T	M	F	T
1	Arsi	173	124	297	51951	40511	92462	0.3	0.3	0.3
2	Bale	91	59	150	16248	13399	29647	0.6	0.4	0.5
3	Borana	197	124	321	8717	7230	15947	2.3	1.7	2.0
4	Buno Beddelle	62	44	106	16116	14904	31020	0.4	0.3	0.3
5	East Bale	62	49	111	9951	6604	16555	0.6	0.7	0.7
6	East Hararge	418	195	613	51053	23719	74772	0.8	0.8	0.8
7	East Shoa	74	28	102	17858	16170	34028	0.4	0.2	0.3
8	East Wollegga	167	106	273	39339	32797	72136	0.4	0.3	0.4
9	Guji	110	45	155	30320	15623	45943	0.4	0.3	0.3
10	Horo Guduru Wollega	112	72	184	29556	25452	55008	0.4	0.3	0.3
11	Ilu Aba Bora	38	27	65	20006	17607	37613	0.2	0.2	0.2
12	Jimma	606	400	1006	51262	50274	101536	1.2	0.8	1.0
13	Kellem Wollegga	237	153	390	33282	26686	59968	0.7	0.6	0.7
14	North Shoa	126	75	201	23172	20482	43654	0.5	0.4	0.5
15	OSZS Finfinne	38	28	66	8721	7328	16049	0.4	0.4	0.4
16	South West Shoa	72	54	126	16545	12103	28648	0.4	0.4	0.4
17	West Arsi	85	46	131	36307	25245	61552	0.2	0.2	0.2
18	West Guji	155	76	231	25518	13046	38564	0.6	0.6	0.6
19	West Hararge	543	406	949	31041	16350	47391	1.7	2.5	2.0
20	West Shoa	700	421	1121	53870	43848	97718	1.3	1.0	1.1
21	West Wollega	317	195	512	62785	53018	115803	0.5	0.4	0.4
22	Adama Admin Town	2	7	9	12276	14650	26926	0.0	0.0	0.0
23	Ambo Admin Town	7	7	14	5701	5763	11464	0.1	0.1	0.1
24	Asalla Admin Town	14	10	24	6931	6651	13582	0.2	0.2	0.2
25	Batu Admin Town	7	10	17	3840	3172	7012	0.2	0.3	0.2
26	Bishan Gurracha Admin Town	0	0	0	339	262	601	0.0	0.0	0.0
27	Bishoftu Admin Town	19	14	33	6068	7188	13256	0.3	0.2	0.2
28	Burrayyu Admin Town	9	3	12	3002	3886	6888	0.3	0.1	0.2
29	Dukam Admin Town	3	6	9	1609	2004	3613	0.2	0.3	0.2
30	Galan Admin Town	0	0	0	605	627	1232	0.0	0.0	0.0
31	Holeta Admin Town	2	3	5	2650	2754	5404	0.1	0.1	0.1
32	Jimma Admin Town	0	0	0	8140	8986	17126	0.0	0.0	0.0
33	L/T/L/Dadhi Admin Town	11	4	15	1220	1257	2477	0.9	0.3	0.6
34	Mojo Admin Town	12	14	26	2049	2723	4772	0.6	0.5	0.5
35	Nekemte Admin Town	37	27	64	7404	8413	15817	0.5	0.3	0.4
36	Robe Admin Town	11	12	23	4147	4002	8149	0.3	0.3	0.3
37	Sabata Admin Town	83	59	142	4462	5131	9593	1.9	1.1	1.5
38	Shashamane Admin Town	16	9	25	8928	7596	16524	0.2	0.1	0.2
39	Sululta Admin Town	0	0	0	1394	1551	2945	0.0	0.0	0.0
40	Woliso Admin Town	30	11	41	4439	4046	8485	0.7	0.3	0.5
Oromia		4646	2923	7569	718822	573058	1291880	0.6	0.5	0.59

3.1.3. Secondary Education Enrolment Rates

Access is the extent to which the secondary school age population is able to join this particular level of education. Equity implies a reduction in disparities based on gender (Male/Female), special needs and geographical location (Urban/Rural). Equity also ensures that, all students in every school will be able to avail themselves of the services, technology, materials and the qualified teaching staff that enable them to achieve educational success. Besides, it indicates fairness in the distribution of opportunities for education, and is the main indicator that shows educational performance.

I. Gross Enrolment Rate (GER) of Secondary Education, Grade 9-12

GER of secondary education, grade 9-12 is the proportion of all enrolments regardless of their ages. It compares the total number of students in secondary school of grade 9-12 with the school-age population of this level. In Ethiopia, the official school age for secondary education grade 9-12 is from 15-18 years old.

$$\text{Grade 9 – 12 GER} = \frac{\text{All age grade 9 – 12 enrolments}}{\text{School Age population (SAP) of age 15 – 18}} \times 100$$

Table 3.1.13 below shows the GER and GPI of secondary education grade 9-12 in 2013 (2020/21 G.C) by zones and administrative towns. The average GER of secondary education in the academic year reached 34.9% (M=38.6% and F= 31.2%). As illustrated in the table, zones and administrative towns have registered different GER that reveal above or below regional average. Accordingly, the three high 9-12 GER registered administrative towns are Dukem, Sululta and Lege Tafo Lege Dadhi, which have 300.8%, 120.8% and 118.9% respectively. Regarding zones, fourteen of them have registered grade 9-12 GER below the regional average. More specifically, West Hararge, Oromia Special Zone Surrounding Finfinne and East Shoa have registered the least grade 9-12 GER, which are 20.7%, 21.9% & 22.4% respectively.

II. Net Enrolment Rate (NER) of Secondary Education, Grade 9-12

For secondary education grade 9-12, we consider students enrolled in those grades whose age is from 15-18 and compare it to the total number of populations belonging to the mentioned age group.

$$\text{Grade 9 – 12 NER} = \frac{\text{Grade 9 – 12 enrolments of age 15 – 18}}{\text{School Age population (SAP) of age 15 – 18}} \times 100$$

In table 3.1.13 below, the NER and GPI of secondary education grade 9-12 in 2013 (2020/21 G.C) have shown by zones and administrative towns. As illustrated in the table, zone and administrative town's performance concerning secondary education grade 9-12 NER is quite far apart from one another. Accordingly, the five high NER registered administrative towns are Dukem, LegeTafollege Dadhi, Holeta, Sebeta and Sululta, which have 238.6%, 88.3%, 82.0%, 79.6% and 79.4% respectively, whereas Bishan Guracha administrative town has registered the least NER which is 17.1%. Regarding zones, West Hararge, West Arsi, Borena, East Hararge and Oromia Special Zone Surrounding Finfinne are the five least NER registered zones, which have 14.2%, 14.6%, 15.1%, 15.2% and 16.0 % respectively.

Table 3.1. 13 Secondary Schools Gross and Net Enrolments, GER, NER and Gender Equity

Secondary Grade (9-12) Gross and Net Enrolments, GER, NER & Gender Equity Indicators, in 2013 (2020/21 G.C.)																				
SN	Zone /Administration town/	SAP (15_18)			Enrolment All age			Enrolment Age (15-18)			GER			NER			GG(%) According to		GPI According to	
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	GER	NER	GER	NER
1	Arsi	187126	180051	367177	51951	40511	92462	35516	30664	66180	27.8	22.5	25.2	19.0	17.0	18.0	5.3	1.9	0.8	0.9
2	Bale	61290	57251	118541	16248	13399	29647	12452	11197	23649	26.5	23.4	25.0	20.3	19.6	20.0	3.1	0.8	0.9	1.0
3	Borana	34788	33806	68594	8717	7230	15947	5435	4953	10388	25.1	21.4	23.2	15.6	14.7	15.1	3.7	1.0	0.9	0.9
4	Buno Beddelle	36097	34666	70763	16116	14904	31020	12051	11871	23922	44.6	43.0	43.8	33.4	34.2	33.8	1.7	-0.9	1.0	1.0
5	East Bale	34312	29875	64187	9951	6604	16555	6925	4777	11702	29.0	22.1	25.8	20.2	16.0	18.2	6.9	4.2	0.8	0.8
6	East Hararge	166111	155369	321480	51053	23719	74772	32295	16562	48857	30.7	15.3	23.3	19.4	10.7	15.2	15.5	8.8	0.5	0.5
7	East Shoa	77699	73923	151622	17858	16170	34028	13312	12796	26108	23.0	21.9	22.4	17.1	17.3	17.2	1.1	-0.2	1.0	1.0
8	East Wollega	79477	84719	164196	39339	32797	72136	26951	23493	50444	49.5	38.7	43.9	33.9	27.7	30.7	10.8	6.2	0.8	0.8
9	Guji	70016	71007	141023	30320	15623	45943	16128	9927	26055	43.3	22.0	32.6	23.0	14.0	18.5	21.3	9.1	0.5	0.6
10	Horo Guduru Wollega	41854	44987	86841	29556	25452	55008	19614	18257	37871	70.6	56.6	63.3	46.9	40.6	43.6	14.0	6.3	0.8	0.9
11	Ilu Aba Bora	48011	46816	94827	20006	17607	37613	13829	13067	26896	41.7	37.6	39.7	28.8	27.9	28.4	4.1	0.9	0.9	1.0
12	Jimma	150467	141980	292447	51262	50274	101536	34118	35584	69702	34.1	35.4	34.7	22.7	25.1	23.8	-1.3	-2.4	1.0	1.1
13	Kellem Wollega	56786	59968	116742	33282	26686	59968	21502	18622	40124	58.6	44.7	51.5	37.9	31.2	34.4	13.9	6.7	0.8	0.8
14	North Shoa	86100	85666	171766	23172	20482	43654	16813	16447	33260	26.9	23.9	25.4	19.5	19.2	19.4	3.0	0.3	0.9	1.0
15	OSZS Finfinne	37766	35376	73142	8721	7328	16049	6133	5559	11692	23.1	20.7	21.9	16.2	15.7	16.0	2.4	0.5	0.9	1.0
16	South West Shoa	60662	56460	117122	16545	12103	28648	12694	10053	22747	27.3	21.4	24.5	20.9	17.8	19.4	5.8	3.1	0.8	0.9
17	West Arsi	129976	129707	259683	36307	25245	61552	21502	16435	37937	27.9	19.5	23.7	16.5	12.7	14.6	8.5	3.9	0.7	0.8
18	West Guji	56236	55973	112209	25518	13046	38564	13112	7485	20597	45.4	23.3	34.4	23.3	13.4	18.4	22.1	9.9	0.5	0.6
19	West Hararge	121580	107765	229345	31041	16350	47391	20894	11686	32580	25.5	15.2	20.7	17.2	10.8	14.2	10.4	6.3	0.6	0.6
20	West Shoa	136167	133344	269511	53870	43848	97718	34202	30198	64400	39.6	32.9	36.3	25.1	22.6	23.9	6.7	2.5	0.8	0.9
21	West Wollega	96687	104257	200944	62213	52361	114574	40956	36025	76981	64.3	50.2	57.0	42.4	34.6	38.3	14.1	7.8	0.8	0.8
22	Adama Admin Town	15659	21318	36977	12276	14650	26926	9471	11452	20923	78.4	68.7	72.8	60.5	53.7	56.6	9.7	6.8	0.9	0.9
23	Ambo Admin Town	4879	5502	10381	5701	5763	11464	3451	3934	7385	116.8	104.7	110.4	70.7	71.5	71.1	12.1	-0.8	0.9	1.0
24	Asalla Admin Town	7217	9078	16295	6931	6651	13582	5096	5345	10441	96.0	73.3	83.4	70.6	58.9	64.1	22.8	11.7	0.8	0.8
25	Batu Admin Town	3769	4452	8221	3840	3172	7012	2054	1937	3991	101.9	71.2	85.3	54.5	43.5	48.5	30.6	11.0	0.7	0.8
26	Bishan Gurracha Admin Town	1508	1275	2783	339	262	601	268	208	476	22.5	20.5	21.6	17.8	16.3	17.1	1.9	1.5	0.9	0.9
27	Bishoftu Admin Town	7156	9956	17112	6068	7188	13256	4422	5707	10129	84.8	72.2	77.5	61.8	57.3	59.2	12.6	4.5	0.9	0.9
28	Burrayu Admin Town	4212	5555	9767	3002	3886	6888	1787	2715	4502	71.3	70.0	70.5	42.4	48.9	46.1	1.3	-6.4	1.0	1.2
29	Dukam Admin Town	658	543	1201	1609	2004	3613	1207	1659	2866	244.5	369.1	300.8	183.4	305.5	238.6	-124.5	-122.1	1.5	1.7
30	Galan Admin Town	749	727	1476	605	627	1232	521	534	1055	80.8	86.2	83.5	69.6	73.5	71.5	-5.5	-3.9	1.1	1.1
31	Holeta Admin Town	2367	2681	5048	2650	2754	5404	1976	2163	4139	112.0	102.7	107.1	83.5	80.7	82.0	9.2	2.8	0.9	1.0
32	Jimma Admin Town	9538	12896	22434	8140	8986	17126	5147	6349	11496	85.3	69.7	76.3	54.0	49.2	51.2	15.7	4.7	0.8	0.9
33	L/T/L/Dadhi Admin Town	1132	952	2084	1220	1257	2477	839	1002	1841	107.8	132.0	118.9	74.1	105.3	88.3	-24.3	-31.1	1.2	1.4
34	Mojo Admin Town	2774	3000	5774	2049	2723	4772	1560	2178	3738	73.9	90.8	82.6	56.2	72.6	64.7	-16.9	-16.4	1.2	1.3
35	Nekemte Admin Town	7290	8728	16018	7404	8413	15817	5062	6178	11240	101.6	96.4	98.7	69.4	70.8	70.2	5.2	-1.3	0.9	1.0
36	Robe Admin Town	3960	4731	8691	4147	4002	8149	3318	3382	6700	104.7	84.6	93.8	83.8	71.5	77.1	20.1	12.3	0.8	0.9
37	Sabata Admin Town	4029	4860	8889	4462	5131	9593	3256	3821	7077	110.7	105.6	107.9	80.8	78.6	79.6	5.2	2.2	1.0	1.0
38	Shashamanne Admin Town	8243	9876	18119	8928	7596	16524	5317	5264	10581	108.3	76.9	91.2	64.5	53.3	58.4	31.4	11.2	0.7	0.8
39	Sululta Admin Town	1246	1192	2438	1394	1551	2945	786	1150	1936	111.9	130.1	120.8	63.1	96.5	79.4	-18.2	-33.4	1.2	1.5
40	Woliso Admin Town	3644	4083	7727	4439	4046	8485	2841	2848	5689	121.8	99.1	109.8	78.0	69.8	73.6	22.7	8.2	0.8	0.9
Total Oromia		1859238	1834089	3693327	718250	572401	1290651	474813	413484	888297	38.63142	31.20901	34.94548	25.5	22.5	24.1	7.4	3.0	0.8	0.88

3.2. Quality Indicators of Secondary Education

Among the major educational inputs, which contribute a remarkable role to ensure quality of secondary education are the availability of sufficient and qualified teachers, class size and text books. Compared to primary education percentage of qualified teachers, student-teacher ratio and student-section are better for secondary education in the region. The minimum qualification required for secondary school teachers are Bed, BA, BSc, Med, MA or MSc.

3.2.1. SECONDARY SCHOOL TEACHERS, PRINCIPALS, VICE PRINCIPALS AND SUPERVISORS

I. Secondary School Teachers

The strength of any educational system largely depends on the quality and commitment of its teachers. Teachers play a major role in the delivery of quality education.

Education policy indicated that secondary school teacher in Ethiopia should hold at least a first degree and above. The performance of pupils in secondary schools is often affected by the quality of teaching staff.

The Annual School Census of 2013E.C captured the total number of teachers in secondary schools by zone and gender. The information about secondary education teachers presented by grade level they teach, ownership, highest education level, specialization, rank, and SAMSEE teachers have been illustrated in tables 3.2.1, 3.2.2, 3.2.3, 3.2.4, 3.2.5 and 3.2.6 below. Accordingly, there were a total of 39,583 (M=32,871 and F=6,712) teachers in secondary schools' grade 9-12. The percentage of qualified teachers with a first degree and above at regional level is 94.9% (M=94.9% & F=95.2%). The percentage of qualified teachers with master's degree and above is 11.9% (M=12.8% & F=8.0%) at regional level. Thus, qualification of teachers, especially, with master's degree and above requires improvement in the future time.

Table 3.1. 14 Secondary (9-12) Teachers by Highest Education Level and Qualification in %

Secondary (9-12) School Teachers by Highest Education Level in 2013 (2020/21 G.C.)																																		
SN	Zones/Administrative Towns	TTI			BA/BS/BEd			MA/MSc/MEd			PhD			Applied			Level 4&5			All Dip			Total			Qualified (Digree & Above)			Qualified (MA & Above)			Qualified (Digree & Above)%		
		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
1	Arsi	3		3	2067	321	2388	334	37	371				92	19	111	15	18	33	100	26	126	2611	421	3032	2508	395	2903	334	37	371	96.1	93.8	95.7
2	Bale			0	545	81	626	126	23	149				170	38	208	5	4	9	43	7	50	889	153	1042	846	146	992	126	23	149	95.2	95.4	95.2
3	Borana			0	456	57	513	46	2	48				103	12	115	5	1	6	39	5	44	649	77	726	610	72	682	46	2	48	94.0	93.5	93.9
4	Buno Beddelle			0	544	136	680	80	7	87				79	25	104	11	4	15	27	5	32	742	177	919	714	72	886	80	7	87	96.2	97.2	96.4
5	East Bale	1		1	351	66	417	47	3	50				51	18	69	4	3	7	33	5	38	487	95	582	453	90	543	47	3	50	93.0	94.7	93.3
6	East Hararge			0	1469	234	1703	115	9	124				193	30	223	9	1	10	98	11	109	1884	285	2169	1786	274	2060	115	9	124	94.8	96.1	95.0
7	East Shoa			0	805	209	1014	81	9	90				43	18	61	11	5	16	15	0	15	955	241	1196	940	241	1181	81	9	90	98.4	100.0	98.7
8	East Wollega			0	1381	240	1621	341	23	364				146	28	174	8	3	11	34	4	38	1910	298	2208	1876	294	2170	341	23	364	98.2	98.7	98.3
9	Guji			0	839	156	995	101	12	113				73	23	96	6	3	9	81	11	92	1100	205	1305	1019	194	1213	101	12	113	92.6	94.6	93.0
10	Horo Guduru Wollega	2		2	1055	171	1226	324	11	335				51	11	62	16	2	18	39	4	43	1487	199	1686	1446	195	1641	324	11	335	97.2	98.0	97.3
11	Ilu Aba Bora			0	829	277	1106	98	9	107				32	15	47	17	5	22	70	18	88	1046	324	1370	976	306	1282	98	9	107	93.3	94.4	93.6
12	Jimma			0	1712	470	2182	175	14	189				178	60	238	20	7	27	221	36	257	2306	587	2893	2085	551	2636	175	14	189	90.4	93.9	91.1
13	Kellem Wollega	3		3	1189	236	1425	118	5	123				117	46	163	13	4	17	114	5	119	1554	296	1850	1437	291	1728	118	5	123	92.5	98.3	93.4
14	North Shoa			0	1049	344	1393	171	18	189				99	42	141	14	6	20	21	7	28	1354	417	1771	1333	410	1743	171	18	189	98.4	98.3	98.4
15	OSZS Finfinne			0	331	118	449	31	2	33				13	5	18	2	2	4	13	4	17	390	131	521	377	127	504	31	2	33	96.7	96.9	96.7
16	South West Shoa			0	642	148	790	99	16	115				20	5	25	5	2	7	19	5	24	785	176	961	766	171	937	99	16	115	97.6	97.2	97.5
17	West Arsi			0	1110	136	1246	132	12	144				147	17	164	16	4	20	43	3	46	1448	172	1620	1405	169	1574	132	12	144	97.0	98.3	97.2
18	West Guji			0	609	151	760	26	3	29				52	8	60	7	3	10	72	8	80	766	173	939	694	165	859	26	3	29	90.6	95.4	91.5
19	West Hararge			0	1044	178	1222	107	12	119				61	11	72	20	3	23	100	14	114	1332	218	1550	1232	204	1436	107	12	119	92.5	93.6	92.6
20	West Shoa			0	1940	346	2286	324	40	364				79	18	97	11	6	17	63	14	77	2417	424	2841	2354	410	2764	324	40	364	97.4	96.7	97.3
21	West Wollega			0	2082	352	2434	395	26	421				306	63	369	36	6	42	99	15	114	2918	462	3380	2819	447	3266	395	26	421	96.6	96.8	96.6
22	Adama Admin Town	4	1	5	438	167	605	98	36	134				17	3	20	9	1	10	23	2	25	587	210	797	562	207	769	98	36	134	95.7	98.6	96.5
23	Ambo Admin Town			0	134	61	195	79	24	103						0	0	0	0	2	2	2	213	87	300	213	85	298	79	24	103	100.0	97.7	99.3
24	Asalla Admin Town			0	236	81	317	78	16	94				1	1	2	1	1	2	5	0	5	321	99	420	316	99	415	78	16	94	98.4	100.0	98.8
25	Batu Admin Town			0	144	17	161	22	2	24						0	1	0	1	3	1	4	170	20	190	167	19	186	22	2	24	98.2	95.0	97.9
26	Bishan Gurracha Admin Town			0	20	10	30			0						0	0	1	1	0	0	0	20	11	31	20	11	31	0	0	0	100.0	100.0	100.0
27	Bishoftu Admin Town			0	249	63	312	98	21	119				7		7	0	0	0	1	0	1	355	84	439	354	84	438	98	21	119	99.7	100.0	99.8
28	Burrayu Admin Town			0	87	21	108	43	11	54	1	1	1	1	3	1	4	1	0	1	0	1	135	33	168	135	33	168	44	11	55	100.0	100.0	100.0
29	Dukam Admin Town			0	70	19	89	16	11	27						0	0	0	0	0	0	0	86	30	116	86	30	116	16	11	27	100.0	100.0	100.0
30	Galan Admin Town			0	23	3	26	5	3	8				6	1	7	0	0	0	0	0	0	34	7	41	34	7	41	5	3	8	100.0	100.0	100.0
31	Holeta Admin Town			0	74	38	112	26	5	31						0	0	1	1	2	0	2	102	44	146	100	44	144	26	5	31	98.0	100.0	98.6
32	Jimma Admin Town			0	228	79	307	84	18	102						0	0	0	0	6	3	9	318	100	418	312	97	409	84	18	102	98.1	97.0	97.8
33	L/T/L/Dadhi Admin Town			0	56	18	74	13	4	17				7	8	15	2	2	4	1	0	1	79	32	111	78	32	110	13	4	17	98.7	100.0	99.1
34	Mojo Admin Town			0	110	26	136	18	5	23						0	2	1	3	0	0	0	130	32	162	130	32	162	18	5	23	100.0	100.0	100.0
35	Nekemte Admin Town			0	177	86	263	147	48	195						0	1	3	4	0	0	0	325	137	462	325	137	462	147	48	195	100.0	100.0	100.0
36	Robe Admin Town			0	66	38	104	45	14	59				4	4	8	2	1	3	0	0	0	117	57	174	117	57	174	45	14	59	100.0	100.0	100.0
37	Sabata Admin Town			0	221	46	267	37	8	45				3	2	5	1	0	1	1	1	2	263	57	320	262	56	318	37	8	45	99.6	98.2	99.4
38	Shashamanne Admin Town			0	260	71	331	58	11	69				2		2	1	0	1	0	0	0	321	82	403	321	82	403	58	11	69	100.0	100.0	100.0
39	Sululta Admin Town			0	44	16	60	9		9						0	5	0	5	1	1	2	59	17	76	58	16	74	9	0	9	98.3	94.1	97.4
40	Woliso Admin Town			0	111	33	144	43	5	48						0	2	0	2	1	0	1	157	38	195	156	38	194	43	5	48	99.4	100.0	99.5
Total Oromia		13	1	14	24797	5320	30117	4190	535	4725	1	1	1	2153	531	2684	281	104	385	1389	217	1606	32822	6708	39530	31422	6490	37912	4191	535	4726	95.7	96.8	95.9

Table 3.1. 15 Government Secondary (9-12) Teachers by Highest Education Level

Government secondary Schools (Grade 9-12) Teachers by Highest Education Level and Percentage of Qualification 2013(2020/21 G.C.)																						
SN	Zone /Administration town	Gov. Teaching Staff (9-12)			Teaching Staff by HEL						Qualified (First Degree & Above)			Qualified (Second Degree & Above)			Qualified (First Degree & Above)%			Qualified (Second Degree & Above)%		
					Below First Degree		First Degree		Second Degree & above Above													
		M	F	T	M	F	M	F	M	F	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	2602	420	3022	101	24	2167	359	334	37	2484.0	377.0	2861.0	334.0	37.0	371.0	95.5	89.8	94.7	12.8	8.8	12.3
2	Bale	889	153	1042	42	7	721	123	126	23	841.0	142.0	983.0	126.0	23.0	149.0	94.6	92.8	94.3	14.2	15	14.3
3	Borana	649	77	726	39	5	564	70	46	2	605.0	71.0	676.0	46.0	2.0	48.0	93.2	92.2	93.1	7.1	2.6	6.6
4	Buno Beddelle	742	177	919	27	5	635	165	80	7	703.0	168.0	871.0	80.0	7.0	87.0	94.7	94.9	94.8	10.8	4	9.5
5	East Bale	487	95	582	34	4	406	88	47	3	449.0	87.0	536.0	47.0	3.0	50.0	92.2	91.6	92.1	9.7	3.2	8.6
6	East Hararge	1862	282	2144	96	9	1657	264	109	9	1755.0	271.0	2026.0	109.0	9.0	118.0	94.3	96.1	94.5	5.9	3.2	5.5
7	East Shoa	887	237	1124	15	0	795	228	77	9	862.0	232.0	1094.0	77.0	9.0	86.0	97.2	97.9	97.3	8.7	3.8	7.7
8	East Wollega	1910	298	2208	33	4	1536	271	341	23	1868.0	291.0	2159.0	341.0	23.0	364.0	97.8	97.7	97.8	17.9	7.7	16.5
9	Guji	1100	205	1305	81	11	918	182	101	12	1013.0	191.0	1204.0	101.0	12.0	113.0	92.1	93.2	92.3	9.2	5.9	8.7
10	Horo Guduru Wollega	1477	198	1675	38	4	1115	183	324	11	1421.0	192.0	1613.0	324.0	11.0	335.0	96.2	97	96.3	21.9	5.6	20
11	Illu Aba Bora	1046	324	1370	70	17	878	298	98	9	959.0	301.0	1260.0	98.0	9.0	107.0	91.7	92.9	92	9.4	2.8	7.8
12	Jimma	2306	587	2893	220	35	1911	538	175	14	2065.0	544.0	2609.0	175.0	14.0	189.0	89.5	92.7	90.2	7.6	2.4	6.5
13	Kellem Wollega	1544	296	1840	116	5	1313	286	115	5	1414.0	287.0	1701.0	115.0	5.0	120.0	91.6	97	92.4	7.4	1.7	6.5
14	North Shoa	1354	417	1771	20	4	1163	395	171	18	1319.0	404.0	1723.0	171.0	18.0	189.0	97.4	96.9	97.3	12.6	4.3	10.7
15	OSZS Finfinne	391	131	522	12	3	348	126	31	2	375.0	125.0	500.0	31.0	2.0	33.0	95.9	95.4	95.8	7.9	1.5	6.3
16	South West Shoa	785	176	961	19	5	667	155	99	16	761.0	169.0	930.0	99.0	16.0	115.0	96.9	96	96.8	12.6	9.1	12
17	West Arsi	1414	167	1581	44	3	1243	152	127	12	1354.0	160.0	1514.0	127.0	12.0	139.0	95.8	95.8	95.8	9	7.2	8.8
18	West Guji	766	173	939	72	8	668	162	26	3	687.0	162.0	849.0	26.0	3.0	29.0	89.7	93.6	90.4	3.4	1.7	3.1
19	West Hararge	1332	218	1550	98	13	1127	193	107	12	1212.0	201.0	1413.0	107.0	12.0	119.0	91	92.2	91.2	8	5.5	7.7
20	West Shoa	2391	422	2813	62	13	2009	370	320	39	2317.0	402.0	2719.0	320.0	39.0	359.0	96.9	95.3	96.7	13.4	9.2	12.8
21	West Wollega	2852	456	3308	94	13	2366	417	392	26	2721.0	436.0	3157.0	392.0	26.0	418.0	95.4	95.6	95.4	13.7	5.7	12.6
22	Adama Admin Town	382	181	563	8	1	296	147	78	33	363.0	177.0	540.0	78.0	33.0	111.0	95	97.8	95.9	20.4	18.2	19.7
23	Ambo Admin Town	204	85	289	0	2	126	60	78	23	204.0	83.0	287.0	78.0	23.0	101.0	100	97.6	99.3	38.2	27.1	34.9
24	Asalla Admin Town	286	95	381	2	0	206	79	78	16	283.0	94.0	377.0	78.0	16.0	94.0	99	98.9	99	27.3	16.8	24.7
25	Batu Admin Town	99	10	109	2	0	80	9	17	1	97.0	10.0	107.0	17.0	1.0	18.0	98	100	98.2	17.2	10	16.5
26	Bishan Gurracha Admin Town	20	11	31	0	0	20	11	0	0	20.0	10.0	30.0	0.0	0.0	0.0	100	90.9	96.8	0	0	0
27	Bishoftu Admin Town	265	73	338	0	0	173	52	92	21	265.0	73.0	338.0	92.0	21.0	113.0	100	100	100	34.7	28.8	33.4
28	Burrrayu Admin Town	95	29	124	0	0	59	18	36	11	95.0	29.0	124.0	36.0	11.0	47.0	100	100	100	37.9	37.9	37.9
29	Dukam Admin Town	68	24	92	0	0	52	13	16	11	68.0	24.0	92.0	16.0	11.0	27.0	100	100	100	23.5	45.8	29.3
30	Galan Admin Town	34	7	41	0	0	29	4	5	3	34.0	7.0	41.0	5.0	3.0	8.0	100	100	100	14.7	42.9	19.5
31	Holeta Admin Town	97	42	139	0	0	71	37	26	5	97.0	41.0	138.0	26.0	5.0	31.0	100	97.6	99.3	26.8	11.9	22.3
32	Jimma Admin Town	220	90	310	2	2	152	70	66	18	218.0	88.0	306.0	66.0	18.0	84.0	99.1	97.8	98.7	30	20	27.1
33	L/T/L/Dadhi Admin Town	58	29	87	1	0	46	25	11	4	56.0	27.0	83.0	11.0	4.0	15.0	96.6	93.1	95.4	19	13.8	17.2
34	Mojo Admin Town	106	30	136	0	0	92	26	14	4	105.0	29.0	134.0	14.0	4.0	18.0	99.1	96.7	98.5	13.2	13.3	13.2
35	Nekemte Admin Town	283	130	413	0	0	143	84	140	46	282.0	127.0	409.0	140.0	46.0	186.0	99.6	97.7	99	49.5	35.4	45
36	Robe Admin Town	117	57	174	0	0	72	43	45	14	115.0	56.0	171.0	45.0	14.0	59.0	98.3	98.2	98.3	38.5	24.6	33.9
37	Sabata Admin Town	137	44	181	0	0	108	37	29	7	136.0	44.0	180.0	29.0	7.0	36.0	99.3	100	99.4	21.2	15.9	19.9
38	Shshamanne Admin Town	224	74	298	0	0	169	63	55	11	224.0	74.0	298.0	55.0	11.0	66.0	100	100	100	24.6	14.9	22.1
39	Sululta Admin Town	59	17	76	0	0	50	17	9	0	53.0	16.0	69.0	9.0	0.0	9.0	89.8	94.1	90.8	15.3	0	11.8
40	Woliso Admin Town	157	38	195	1	0	113	33	43	5	154.0	38.0	192.0	43.0	5.0	48.0	98.1	100	98.5	27.4	13.2	24.6
Total Oromia		31697	6575	38272	1349	197	26264	5853	4084	525	30054.0	6260.0	36314.0	4084.0	525.0	4609.0	94.8	95.2	94.9	12.9	8	12

Table 3.1. 16 Non-Government Secondary (9-12) Teachers by Highest Education Level

Non-Government secondary Schools (Grade 9-12) Teachers by Highest Education Level in 2013(2020/21 G.C.)																						
SN	Zone /Administrative town	Total Non-Gov. Teaching Staff (9-12)			Teaching Staff by HEL						Qualified (First Degree & Above)			Qualified (Second Degree & Above)			Qualified (First Degree & Above)%			Qualified (Second Degree & Above)%		
					Below First Degree		First Degree		Second Degree & above													
		M	F	T	M	F	M	F	M	F	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	9	1	10	0	0	9	1	0	0	9	1	10	0	0	0	100	100	100	0	0	0
2	Bale	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
3	Borana	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
4	Buno Beddelle	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
5	East Bale	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
6	East Hararge	22	3	25	0	1	16	2	6	0	22	2	24	6	0	6	100	66.7	96	27.3	0	24
7	East Shoa	68	4	72	0	0	64	4	4	0	67	4	71	4	0	4	98.5	100	98.6	5.9	0	5.6
8	East Wollega	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
9	Guji	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
10	Horo Guduru Wollega	10	1	11	0	0	10	1	0	0	9	1	10	0	0	0	90	100	90.9	0	0	0
11	llu Aba Bora	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
12	Jimma	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
13	Kellem Wollega	10	0	10	0	0	7	0	3	0	10	0	10	3	0	3	100		100	30		30
14	North Shoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
15	OSZS Finfinne	9	1	10	0	0	9	1	0	0	9	1	10	0	0	0	100	100	100	0	0	0
16	South West Shoa	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
17	West Arsi	67	5	72	0	0	62	5	5	0	65	5	70	5	0	5	97	100	97.2	7.5	0	6.9
18	West Guji	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
19	West Hararge	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
20	West Shoa	26	2	28	0	0	22	1	4	1	26	2	28	4	1	5	100	100	100	15.4	50	17.9
21	West Wollega	66	6	72	4	1	59	5	3	0	62	5	67	3	0	3	93.9	83.3	93.1	4.5	0	4.2
22	Adama Admin Town	205	29	234	14	0	170	26	21	3	188	29	217	21	3	24	91.7	100	92.7	10.2	10.3	10.3
23	Ambo Admin Town	9	2	11	0	0	8	1	1	1	9	2	11	1	1	2	100	100	100	11.1	50	18.2
24	Asalla Admin Town	35	4	39	3	0	32	4	0	0	32	4	36	0	0	0	91.4	100	92.3	0	0	0
25	Batu Admin Town	71	10	81	1	1	65	8	5	1	69	9	78	5	1	6	97.2	90	96.3	7	10	7.4
26	Bishan Gurracha Admin Town	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
27	Bishoftu Admin Town	90	11	101	1	0	83	11	6	0	89	11	100	6	0	6	98.9	100	99	6.7	0	5.9
28	Burrayyu Admin Town	46	7	53	1	0	37	7	8	0	42	6	48	8	0	8	91.3	85.7	90.6	17.4	0	15.1
29	Dukam Admin Town	18	6	24	0	0	18	6	0	0	18	6	24	0	0	0	100	100	100	0	0	0
30	Galan Admin Town	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
31	Holeta Admin Town	5	2	7	2	0	3	2	0	0	3	2	5	0	0	0	60	100	71.4	0	0	0
32	Jimma Admin Town	98	10	108	4	1	76	9	18	0	94	9	103	18	0	18	95.9	90	95.4	18.4	0	16.7
33	L/T/L/Dadhi Admin Town	21	3	24	0	0	19	3	2	0	20	3	23	2	0	2	95.2	100	95.8	9.5	0	8.3
34	Mojo Admin Town	24	2	26	0	0	20	1	4	1	23	2	25	4	1	5	95.8	100	96.2	16.7	50	19.2
35	Nekemte Admin Town	42	7	49	0	0	35	5	7	2	42	7	49	7	2	9	100	100	100	16.7	28.6	18.4
36	Robe Admin Town	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
37	Sabata Admin Town	126	13	139	1	1	117	11	8	1	125	12	137	8	1	9	99.2	92.3	98.6	6.3	7.7	6.5
38	Shashamane Admin Town	97	8	105	0	0	94	8	3	0	96	8	104	3	0	3	99	100	99	3.1	0	2.9
39	Sululta Admin Town	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
40	Woliso Admin Town	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
Oromia		1174	137	1311	31	5	1035	122	108	10	1129	131	1260	108	10	118	96.2	95.6	96.1	9.2	7.3	9

II. Secondary Schools (Grade 9-12) Teaching Staff by Specialization

Table 3.2. 1.a) Secondary Schools Teaching Staff by Specialization

Secondary Schools (Grade 9-12) Teaching Staff By Specialization (Major) in 2013 (2020/21 G.C)																							
SN	Zone /Administrative town	Mathematics		Civics		Sports		IT		Economics		Tech. Drawing		Business		Accounting		EDPM		English		Other	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
1	Arsi	386	27	202	38	54	20	118	48	15		11	2	12				18		322	36	1	1
2	Bale	116	6	77	15	22	3	49	8	9		2		4				7		102	13	3	
3	Borana	77	4	50	6	26	12	38	7	9		3		4				2		66	6	4	
4	Buno Beddelle	117	8	58	22	22	5	36	14	6		3		3		1		2		92	14	1	2
5	East Bale	64	5	42	10	14	5	28	6	4		1	1	1				1		60	6	2	
6	East Hararge	277	17	134	31	45	27	121	16	21	1	13		6	1	1		4		220	22	5	
7	East Shoa	133	20	77	25	30	9	64	12	5	1	5		4				4		108	30	4	
8	East Wollegga	252	24	151	19	61	21	119	25	16		10	3	10	2			13		231	33	11	1
9	Guji	140	15	84	17	42	15	68	20	13		6	1	1		1		4		115	23	4	
10	Horo Guduru Wollega	212	12	119	15	63	13	77	19	13		13		8		1		11	2	171	14	5	
11	Ilu Aba Bora	140	30	73	34	24	18	68	19	6		4				1		6		136	26	7	
12	Jimma	319	48	196	52	65	40	121	35	13	2	9	3	11	1	2		10	1	264	61		
13	Kellem Wollegga	226	20	118	34	50	10	88	20	4		5		3	1			9		196	48	11	
14	North Shoa	206	30	113	31	39	31	89	31	12	1	6		8				4		163	46	2	2
15	OSZS Finfinne	56	11	36	12	9	3	22	9	5		2						2		50	18	1	2
16	South West Shoa	121	8	65	16	21	5	42	14	2	1	1		1				5		86	29	5	
17	West Arsi	216	4	104	14	59	11	76	13	15	1	10		2				9		173	9	8	
18	West Guji	104	11	67	16	32	7	45	16	4		3	1	4				1		80	15	4	
19	West Hararge	172	15	99	18	39	19	78	12	13		11		5				6		156	16	5	2
20	West Shoa	376	30	205	35	46	16	135	20	10	2	5		4				9		299	45	6	1
21	West Wollegga	419	30	224	49	85	20	165	44	17		11		9		1		14		394	50	4	
22	Adama Admin Town	87	20	48	15	28	4	33	11	5	2	6	2	1	1	3	1			66	21	2	
23	Ambo Admin Town	37	7	20	7	6	5	8	4											28	7		
24	Asalla Admin Town	53	7	27	7	12	5	19	5	4	1	3	1	2				6		40	13		1
25	Batu Admin Town	27		14	1			11	3	1										27	2		
26	Bishan Gurracha Admin Town	2	2	2			1	1	1	2										2	1		
27	Bishoftu Admin Town	56	4	30	3	9	1	23	3											49	6	2	
28	Burrayyu Admin Town	17	6	13	2	8	1	7	1		1	2							1	16	4	4	1
29	Dukam Admin Town	12	5	4	2	1	4	1			1								1	11	3		
30	Galan Admin Town	5		3			1	3												5			
31	Holeta Admin Town	18	4	7	3			5	3											13	4	1	
32	Jimma Admin Town	49	11	24	8	18	3	15	2	3		5	1	3				1		46	12	1	
33	L/T/L/Dadhi Admin Town	15	1	4	3	6	1	4	2			1								14	3		
34	Mojo Admin Town	24	2	8	2	2	3	7	2	1		1								19	3		
35	Nekemte Admin Town	47	9	18	17	13	7	25	4	7		5	3	7					1	44	10	1	
36	Robe Admin Town	26	3	8	6	2	2	4	3											17	7		1
37	Sabata Admin Town	38	7	15	4	8	1	10	3	1		2								35	6		
38	Shashamanne Admin Town	46	9	24	1	5	2	17	9											46	10	1	
39	Sululta Admin Town	8	2	7	1	3		4												10	1		
40	Woliso Admin Town	24	4	10	4	2		9	4	1				1						20	6		
Oromia		4720	478	2580	595	970	348	1856	469	237	14	159	18	114	6	10	2	149	5	3992	679	105	14

Table 3.2. 2 b) Secondary Schools (Grade 9-12) Teaching Staff by Specialization

Secondary Schools (Grade 9-12) Teaching Staff by Specialization (Major) in 2013 (2020/21 G.C)																				
SN	Zone /Administrative town	Special Need Education		Sign Language		Amharic		Afan Oromo		Chemistry		Physics		Biology		Geography		History		Total
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1	Arsi					109	62	182	54	255	21	244	22	219	48	246	24	217	18	3032
2	Bale	2				31	30	66	24	81	16	95	6	74	19	77	7	72	6	1042
3	Borena					25	8	43	16	65	4	61	3	66	4	56	3	54	4	726
4	Buno Beddelle	1				24	25	48	27	77	9	69	10	64	21	64	10	54	10	919
5	East Bale	1				18	15	25	19	48	4	50	7	39	10	44	4	45	3	582
6	East Hararge	1				36	30	120	49	200	16	185	10	183	31	154	16	158	18	2169
7	East Shoa	1		1		29	37	66	27	104	9	91	17	81	26	76	13	72	15	1196
8	East Wollega	1				58	40	157	42	179	19	175	16	185	25	143	18	138	10	2208
9	Guji					44	26	82	24	106	14	100	8	117	18	92	11	81	13	1305
10	Horo Guduru Wollega			1		43	25	114	31	144	13	153	11	130	22	113	8	96	14	1686
11	Illu Aba Bora	1				42	31	60	51	106	25	106	22	95	31	95	22	76	15	1370
12	Jimma	1				87	75	156	72	235	22	231	33	223	62	199	40	164	40	2893
13	Kellem Wollega					59	15	105	45	154	16	147	21	142	26	114	24	123	16	1850
14	North Shoa	1				48	55	75	51	132	24	137	18	114	41	108	25	97	31	1771
15	OSZS Finfinne					14	17	21	16	46	5	38	11	38	10	30	8	30	10	532
16	South West Shoa	1				20	16	61	22	71	14	79	11	76	17	67	13	61	10	961
17	West Arsi	1				51	27	111	36	131	16	133	9	131	22	135	5	116	5	1653
18	West Guji					27	14	54	23	76	15	75	14	74	23	58	11	58	7	939
19	West Hararge					46	41	87	33	133	12	133	11	123	22	124	9	102	8	1550
20	West Shoa	1				60	45	177	78	245	25	233	33	241	42	196	21	169	31	2841
21	West Wollega					100	27	205	70	287	25	283	26	247	56	244	28	210	36	3380
22	Adama Admin Town					26	24	26	27	63	20	61	11	47	32	42	11	43	8	797
23	Ambo Admin Town		1			3	9	10	23	18	5	22	5	22	10	20	3	19	1	300
24	Asela Admin Town					14	12	8	24	29	4	31	3	27	9	22	5	24	2	420
25	Batu Admin Town					7	3	8	2	15	1	15	1	19	3	10	3	16	1	190
26	Bishan Guracha Admin Town					1	1	1	1	2	1	3		1	1	2	1	1	1	31
27	Bishoftu Admin Town					16	17	18	14	38	6	38	8	36	10	19	8	21	4	439
28	Burayu Admin Town					5	6	11	3	11	1	14	1	12	3	9	2	12	3	177
29	Dukem Admin Town					3	5	6	4	10	3	10	2	5	3	9		11		116
30	Gelan Admin Town					2	1	1	2	4	1	2		4		3	1	2	1	41
31	Holeta Admin Town					6	5	3	11	12	3	12		9	7	7	4	9		146
32	Jimma Admin Town					13	11	14	8	31	8	30	6	23	18	17	5	25	7	418
33	L/T/L/Dadhi Admin Town					4	7	1	5	5	1	9	1	6	3	5	2	5	3	111
34	Modjo Admin Town					7	3	6	6	12		14	3	9	7	10	1	10		162
35	Nekemte Admin Town		1			10	15	10	26	27	10	37	5	32	9	24	13	18	7	462
36	Robe Admin Town					5	5	6	7	10	5	12	4	9	6	7	4	11	4	174
37	Sebeta Admin Town	2				12	9	9	10	34	4	27	2	24	6	26	3	20	2	320
38	Shashamane Admin Town			1		16	11	17	15	30	5	38	3	28	8	28	7	24	2	403
39	Sululta Admin Town					3	2	3	3	4	2	6	2	2	3	3	1	6		76
40	Woliso Admin Town					8	4	9	6	17	1	17	1	15	2	10	3	14	3	195
Oromia		15	2	3		1132	811	2182	1007	3247	405	3216	377	2992	716	2708	397	2484	369	39583

III. Secondary Schools, Grade 9-12, Teaching Staff by Rank

Table 3.2. 3 Secondary Schools, Grade 9-12 Teachers by Rank

Secondary School Teachers by Rank, 2013 (2020/21 G.C.)																			
SN	Zones/Administrative Towns	Beginner teacher			Junior Teacher			Teacher			Senior teacher			Associate Teacher			Lead Teacher		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	82	19	101	237	51	288	261	59	320	389	66	455	543	78	621	452	77	529
2	Bale	72	9	81	73	17	90	131	13	144	141	17	158	144	32	176	132	27	159
3	Borana	161	26	187	151	22	173	130	8	138	86	9	95	49	3	52	15	4	19
4	Buno Beddelle	96	36	132	134	45	179	86	15	101	86	17	103	120	25	145	88	17	105
5	East Bale	30	12	42	96	17	113	86	14	100	53	11	64	95	14	109	39	12	51
6	East Hararge	242	39	281	405	79	484	330	35	365	227	23	250	263	33	296	158	18	176
7	East Shoa	85	27	112	166	54	220	142	42	184	130	27	157	173	47	220	81	15	96
8	East Wollega	126	23	149	319	78	397	229	38	267	284	44	328	306	43	349	369	37	406
9	Guji	286	56	342	283	56	339	150	29	179	117	22	139	91	17	108	42	4	46
10	Horo Guduru Wollega	52	15	67	150	28	178	167	24	191	227	31	258	308	34	342	263	38	301
11	Illu Aba Bora	111	45	156	171	78	249	132	28	160	147	44	191	170	56	226	104	37	141
12	Jimma	341	125	466	510	178	688	341	72	413	328	66	394	292	53	345	227	46	273
13	Kellem Wollega	147	63	210	252	65	317	221	43	264	244	32	276	271	43	314	189	23	212
14	North Shoa	92	63	155	151	61	212	245	64	309	213	57	270	242	63	305	168	42	210
15	OSZS Finfinne	77	34	111	97	29	126	61	16	77	27	14	41	45	14	59	24	6	30
16	South West Shoa	56	12	68	127	28	155	147	36	183	107	33	140	137	18	155	116	29	145
17	West Arsi	109	16	125	167	27	194	173	21	194	226	17	243	271	29	300	203	28	231
18	West Guji	171	56	227	247	47	294	161	23	184	72	17	89	39	10	49	22	6	28
19	West Hararge	232	40	272	247	38	285	229	23	252	169	28	197	168	21	189	93	19	112
20	West Shoa	201	61	262	358	78	436	398	66	464	340	53	393	485	74	559	338	48	386
21	West Wollega	299	71	370	426	93	519	353	61	414	469	80	549	502	77	579	348	26	374
22	Adama AdminTown	13	5	18	59	18	77	107	21	128	55	23	78	25	9	34	37	18	55
23	Ambo AdminTown	2		2	15	7	22	19	3	22	18	7	25	24	11	35	34	17	51
24	Asalla AdminTown	1		1	17	8	25	24	5	29	18	8	26	18	9	27	43	11	54
25	Batu AdminTown	3	2	5	13	2	15	18	2	20	26	2	28	14	4	18	8	2	10
26	Bishan Gurracha AdminTown					1	1	3	1	4	7		7	2	2	4		1	1
27	Bishoftu AdminTown	1		1	26	6	32	28	11	39	26	2	28	29	4	33	24	10	34
28	Burrayyu AdminTown	1		1	17	1	18	13	5	18	8	2	10	12	7	19	10	2	12
29	Dukam AdminTown	5	1	6	7	4	11	15	4	19	14	3	17	9	5	14	9	1	10
30	Galan AdminTown	3		3	10	1	11	2		2	1	1	2	2	1	3	1	1	2
31	Holeta AdminTown				9	5	14	11	4	15	9	4	13	11	5	16	15	4	19
32	Jimma AdminTown	1		1	15	5	20	22	9	31	10	9	19	20	12	32	106	39	145
33	L/T/L/Dadhi AdminTown	1		1	15	7	22	18	6	24	5	2	7	1	1	2	8	6	14
34	Mojo AdminTown	1		1	2		2	10	1	11	7	1	8	17	7	24	23	7	30
35	Nekemte AdminTown				9	4	13	19	8	27	27	14	41	22	10	32	70	23	93
36	Robe AdminTown	1	1	2	1		1	1		1	3	4	7	14	12	26	36	11	47
37	Sabata AdminTown	2	1	3	5		5	30	6	36	4	6	10	5	3	8	16	2	18
38	Shashamane AdminTown	5	3	8	37	12	49	18	4	22	14	11	25	28	7	35	19	8	27
39	Sululta AdminTown				16	2	18	8	3	11	7	2	9	2		2	3	1	4
40	Woliso AdminTown	2		2	6	2	8	6		6	11	7	18	33	10	43	22	4	26
Oromia		3110	861	3971	5046	1254	6300	4545	823	5368	4352	816	5168	5002	903	5905	3955	727	4682

IV. Secondary schools Grade 9-12 Natural Science & Mathematics Teachers

Table 3.2.6 below presents the proportion of natural science and mathematics teachers in secondary schools in the region. Accordingly, out of a total of 39,583 secondary school teachers in the region, 16,151 (40.8%) (Male =14,175 and female= 1,976) of them are natural science and mathematics teachers. More specifically, while 5,198 (32.18%) of them are mathematics teachers, 3,652 (22.61%), 3,593 (22.25%), and 3,708 (22.96%) are chemistry, physics, and biology teachers respectively.

Table 3.2. 4 Secondary schools Natural Science & Mathematics Teachers by Specialization
3.2.2. Secondary Schools Principals, Vice Principals and Supervisors

Secondary Schools (9-12) Natural Science and Mathematics (SMASEE) Teachers by Specialization																						
SN	Zone /Administration town	Total (9-12) Teaching Staff			Mathematics			Chemistry			Physics			Biology			Total SMASEE Teachers			%SMASEE Teachers		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	2611	421	3032	386	27	413	255	21	276	244	22	266	219	48	267	1104	118	1222	42.3	28.0	40.3
2	Bale	889	153	1042	116	6	122	81	16	97	95	6	101	74	19	93	366	47	413	41.2	30.7	39.6
3	Borena	649	77	726	77	4	81	65	4	69	61	3	64	66	4	70	269	15	284	41.4	19.5	39.1
4	Buno Beddelle	742	177	919	117	8	125	77	9	86	69	10	79	64	21	85	327	48	375	44.1	27.1	40.8
5	East Bale	487	95	582	64	5	69	48	4	52	50	7	57	39	10	49	201	26	227	41.3	27.4	39.0
6	East Hararge	1884	285	2169	277	17	294	200	16	216	185	10	195	183	31	214	845	74	919	44.9	26.0	42.4
7	East Shoa	955	241	1196	133	20	153	104	9	113	91	17	108	81	26	107	409	72	481	42.8	29.9	40.2
8	East Wollega	1910	298	2208	252	24	276	179	19	198	175	16	191	185	25	210	791	84	875	41.4	28.2	39.6
9	Guji	1100	205	1305	140	15	155	106	14	120	100	8	108	117	18	135	463	55	518	42.1	26.8	39.7
10	Horo Guduru Wollega	1487	199	1686	212	12	224	144	13	157	153	11	164	130	22	152	639	58	697	43.0	29.1	41.3
11	Ilu Aba Bora	1046	324	1370	140	30	170	106	25	131	106	22	128	95	31	126	447	108	555	42.7	33.3	40.5
12	Jimma	2306	587	2893	319	48	367	235	22	257	231	33	264	223	62	285	1008	165	1173	43.7	28.1	40.5
13	Kellem Wollega	1554	296	1850	226	20	246	154	16	170	147	21	168	142	26	168	669	83	752	43.1	28.0	40.6
14	North Shoa	1354	417	1771	206	30	236	132	24	156	137	18	155	114	41	155	589	113	702	43.5	27.1	39.6
15	OSZS Finfinne	400	132	532	56	11	67	46	5	51	38	11	49	38	10	48	178	37	215	44.5	28.0	40.4
16	South West Shoa	785	176	961	121	8	129	71	14	85	79	11	90	76	17	93	347	50	397	44.2	28.4	41.3
17	West Arsi	1481	172	1653	216	4	220	131	16	147	133	9	142	131	22	153	611	51	662	41.3	29.7	40.0
18	West Guji	766	173	939	104	11	115	76	15	91	75	14	89	74	23	97	329	63	392	43.0	36.4	41.7
19	West Hararge	1332	218	1550	172	15	187	133	12	145	133	11	144	123	22	145	561	60	621	42.1	27.5	40.1
20	West Shoa	2417	424	2841	376	30	406	245	25	270	233	33	266	241	42	283	1095	130	1225	45.3	30.7	43.1
21	West Wollega	2918	462	3380	419	30	449	287	25	312	283	26	309	247	56	303	1236	137	1373	42.4	29.7	40.6
22	Adama Admin Town	587	210	797	87	20	107	63	20	83	61	11	72	47	32	79	258	83	341	44.0	39.5	42.8
23	Ambo Admin Town	213	87	300	37	7	44	18	5	23	22	5	27	22	10	32	99	27	126	46.5	31.0	42.0
24	Asalla Admin Town	321	99	420	53	7	60	29	4	33	31	3	34	27	9	36	140	23	163	43.6	23.2	38.8
25	Batu Admin Town	170	20	190	27		27	15	1	16	15	1	16	19	3	22	76	5	81	44.7	25.0	42.6
26	Bishan Gurracha Admin Town	20	11	31	2	2	4	2	1	3	3		3	1	1	2	8	4	12	40.0	36.4	38.7
27	Bishoftu Admin Town	355	84	439	56	4	60	38	6	44	38	8	46	36	10	46	168	28	196	47.3	33.3	44.6
28	Burrayyu Admin Town	141	36	177	17	6	23	11	1	12	14	1	15	12	3	15	54	11	65	38.3	30.6	36.7
29	Dukam Admin Town	86	30	116	12	5	17	10	3	13	10	2	12	5	3	8	37	13	50	43.0	43.3	43.1
30	Galan Admin Town	34	7	41	5		5	4	1	5	2		2	4		4	15	1	16	44.1	14.3	39.0
31	Holeta Admin Town	102	44	146	18	4	22	12	3	15	12		12	9	7	16	51	14	65	50.0	31.8	44.5
32	Jimma Admin Town	318	100	418	49	11	60	31	8	39	30	6	36	23	18	41	133	43	176	41.8	43.0	42.1
33	L/T/L/Dadhi Admin Town	79	32	111	15	1	16	5	1	6	9	1	10	6	3	9	35	6	41	44.3	18.8	36.9
34	Modjo Admin Town	130	32	162	24	2	26	12		12	14	3	17	9	7	16	59	12	71	45.4	37.5	43.8
35	Nekemte Admin Town	325	137	462	47	9	56	27	10	37	37	5	42	32	9	41	143	33	176	44.0	24.1	38.1
36	Robe Admin Town	117	57	174	26	3	29	10	5	15	12	4	16	9	6	15	57	18	75	48.7	31.6	43.1
37	Sebeta Admin Town	263	57	320	38	7	45	34	4	38	27	2	29	24	6	30	123	19	142	46.8	33.3	44.4
38	Shashamane Admin Town	321	82	403	46	9	55	30	5	35	38	3	41	28	8	36	142	25	167	44.2	30.5	41.4
39	Sululta Admin Town	59	17	76	8	2	10	4	2	6	6	2	8	2	3	5	20	9	29	33.9	52.9	38.2
40	Woliso Admin Town	157	38	195	24	4	28	17	1	18	17	1	18	15	2	17	73	8	81	46.5	21.1	41.5
Oromia		32871	6712	39583	4720	478	5198	3247	405	3652	3216	377	3593	2992	716	3708	14175	1976	16151	43.1	29.4	40.8

Table 3.2. 5 Secondary Schools Principals by Highest Education Level

Secondary schools Principals by Highest education level and Qualification in 2013 E.C (2020/21 G.C)																	
SN	Zone /Administrative town	Below First Degree			First Degree			Above First Degree (Qualified)			Total			% Qualified			% of Female
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
1	Arsi	0	0	0	30	0	30	53	2	55	83	2	85	63.9	100.0	64.7	2.4
2	Bale	0	0	0	7	0	7	30	1	31	37	1	38	81.1	100.0	81.6	2.6
3	Borena	0	0	0	11	0	11	21	0	21	32	0	32	65.6		65.6	0.0
4	Buno Beddelle	0	0	0	15	1	16	13	1	14	28	2	30	46.4	50.0	46.7	6.7
5	East Bale	0	0	0	12	0	12	10	0	10	22	0	22	45.5		45.5	0.0
6	East Hararge	1	0	1	38	1	39	18	0	18	57	1	58	31.6	0.0	31.0	1.7
7	East Shoa	0	0	0	16	1	17	26	0	26	42	1	43	61.9	0.0	60.5	2.3
8	East Wollega	0	0	0	12	0	12	58	0	58	70	0	70	82.9		82.9	0.0
9	Guji	1	0	1	15	0	15	31	0	31	47	0	47	66.0		66.0	0.0
10	Horo Guduru Wollega	1	0	1	8	0	8	36	1	37	45	1	46	80.0	100.0	80.4	2.2
11	llu Aba Bora	1	0	1	26	1	27	19	0	19	46	1	47	41.3	0.0	40.4	2.1
12	Jimma	1	0	1	76	0	76	24	1	25	101	1	102	23.8	100.0	24.5	1.0
13	Kellem Wollega	0	0	0	17	0	17	28	2	30	45	2	47	62.2	100.0	63.8	4.3
14	North Shoa	0	0	0	7	1	8	39	1	40	46	2	48	84.8	50.0	83.3	4.2
15	OSZS Finfinne	0	0	0	5	0	5	17	0	17	22	0	22	77.3		77.3	0.0
16	South West Shoa	0	0	0	9	0	9	20	0	20	29	0	29	69.0		69.0	0.0
17	West Arsi	0	0	0	20	1	21	37	0	37	57	1	58	64.9	0.0	63.8	1.7
18	West Guji	0	0	0	18	0	18	17	0	17	35	0	35	48.6		48.6	0.0
19	West Hararge	0	0	0	25	0	25	24	1	25	49	1	50	49.0	100.0	50.0	2.0
20	West Shoa	0	0	0	24	0	24	46	0	46	70	0	70	65.7		65.7	0.0
21	West Wollega	0	0	0	44	0	44	53	0	53	97	0	97	54.6		54.6	0.0
22	Adama Admin Town	0	0	0	7	2	9	15	2	17	22	4	26	68.2	50.0	65.4	15.4
23	Ambo Admin Town	0	0	0	0	0	0	7	0	7	7	0	7	100.0		100.0	0.0
24	Asela Admin Town	0	0	0	3	0	3	8	0	8	11	0	11	72.7		72.7	0.0
25	Batu Admin Town	1	0	1	1	0	1	4	0	4	6	0	6	66.7		66.7	0.0
26	Bishan Guracha Admin Town	0	0	0	0	0	0	1	0	1	1	0	1	100.0		100.0	0.0
27	Bishoftu Admin Town	0	0	0	5	0	5	7	0	7	12	0	12	58.3		58.3	0.0
28	Burayu Admin Town	0	0	0	5	0	5	5	0	5	10	0	10	50.0		50.0	0.0
29	Dukem Admin Town	0	0	0	2	0	2	3	0	3	5	0	5	60.0		60.0	0.0
30	Gelan Admin Town	0	0	0	0	0	0	1	0	1	1	0	1	100.0		100.0	0.0
31	Holeta Admin Town	0	0	0	0	0	0	3	0	3	3	0	3	100.0		100.0	0.0
32	Jimma Admin Town	0	0	0	5	0	5	9	0	9	14	0	14	64.3		64.3	0.0
33	L/T/L/Dadhi Admin Town	0	0	0	0	0	0	4	0	4	4	0	4	100.0		100.0	0.0
34	Modjo Admin Town	1	0	1	1	0	1	3	0	3	5	0	5	60.0		60.0	0.0
35	Nekemte Admin Town	0	0	0	3	0	3	8	1	9	11	1	12	72.7	100.0	75.0	8.3
36	Robe Admin Town	0	0	0	1	0	1	2	0	2	3	0	3	66.7		66.7	0.0
37	Sebeta Admin Town	1	0	1	5	1	6	5	1	6	11	2	13	45.5	50.0	46.2	15.4
38	Shashamane Admin Town	0	0	0	7	0	7	6	0	6	13	0	13	46.2		46.2	0.0
39	Sululta Admin Town	0	0	0	0	0	0	1	0	1	1	0	1	100.0		100.0	0.0
40	Woliso Admin Town	0	0	0	0	0	0	3	0	3	3	0	3	100.0		100.0	0.0
Oromia		8	0	8	480	9	489	715	14	729	1203	23	1226	59.4	60.9	59.5	1.9

Table 3.2. 6 Secondary Schools Vice Principals by Highest Education Level

Secondary Schools Vice Principals by Highest Education Level and Qualification in 2013 (2020/21 G.C)																
Zones/Administrative Towns	Below First Degree			First Degree			Above First Degree (Qualified)			Total			% Qualified			% of Female
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
Arsi	0	0	0	25	3	28	34	8	42	59	11	70	57.6	72.7	60.0	15.7
Bale	0	0	0	10	3	13	15	1	16	25	4	29	60.0	25.0	55.2	13.8
Borana	0	1	1	7	0	7	7	0	7	14	1	15	50.0	0.0	46.7	6.7
Buno Beddelle	0	0	0	10	1	11	9	0	9	19	1	20	47.4	0.0	45.0	5.0
East Bale	0	0	0	9	1	10	5	0	5	14	1	15	35.7	0.0	33.3	6.7
East Hararge	1	1	2	68	4	72	14	0	14	83	5	88	16.9	0.0	15.9	5.7
East Shoa	1	0	1	14	0	14	13	1	14	28	1	29	46.4	100.0	48.3	3.4
East Wollegga	0	1	1	12	7	19	45	2	47	57	10	67	78.9	20.0	70.1	14.9
Guji	1	0	1	21	1	22	17	0	17	39	1	40	43.6	0.0	42.5	2.5
Horo Guduru Wollega	0	0	0	7	5	12	36	2	38	43	7	50	83.7	28.6	76.0	14.0
Ilu Aba Bora	0	0	0	28	1	29	7	2	9	35	3	38	20.0	66.7	23.7	7.9
Jimma	2	0	2	68	12	80	16	3	19	86	15	101	18.6	20.0	18.8	14.9
Kellem Wollegga	0	0	0	33	2	35	22	0	22	55	2	57	40.0	0.0	38.6	3.5
North Shoa	0	0	0	6	3	9	26	1	27	32	4	36	81.3	25.0	75.0	11.1
OSZS Finfinne	0	0	0	1	0	1	9	1	10	10	1	11	90.0	100.0	90.9	9.1
South West Shoa	0	0	0	9	1	10	19	1	20	28	2	30	67.9	50.0	66.7	6.7
West Arsi	1	1	2	16	1	17	25	2	27	42	4	46	59.5	50.0	58.7	8.7
West Guji	2	0	2	20	2	22	6	0	6	28	2	30	21.4	0.0	20.0	6.7
West Hararge	0	0	0	23	5	28	17	3	20	40	8	48	42.5	37.5	41.7	16.7
West Shoa	1	0	1	27	1	28	41	4	45	69	5	74	59.4	80.0	60.8	6.8
West Wollega	1	0	1	38	1	39	65	3	68	104	4	108	62.5	75.0	63.0	3.7
Adama Admin Town	2	0	2	5	4	9	13	8	21	20	12	32	65.0	66.7	65.6	37.5
Ambo Admin Town	0	0	0	1	0	1	6	1	7	7	1	8	85.7	100.0	87.5	12.5
Asalla Admin Town	0	0	0	9	1	10	1	1	2	10	2	12	10.0	50.0	16.7	16.7
Batu Admin Town	0	0	0	2	0	2	1	0	1	3	0	3	33.3		33.3	0.0
Bishan Gurracha Admin Town	0	0	0	0	0	0	1	0	1	1	0	1	100.0		100.0	0.0
Bishoftu Admin Town	0	0	0	5	0	5	8	2	10	13	2	15	61.5	100.0	66.7	13.3
Burrayyu Admin Town	0	0	0	1	1	2	5	0	5	6	1	7	83.3	0.0	71.4	14.3
Dukam Admin Town	0	0	0	0	0	0	3	0	3	3	0	3	100.0		100.0	0.0
Galan Admin Town	0	0	0	0	0	0	1	0	1	1	0	1	100.0		100.0	0.0
Holeta Admin Town	0	0	0	0	0	0	3	1	4	3	1	4	100.0	100.0	100.0	25.0
Jimma Admin Town	1	0	1	6	3	9	6	0	6	13	3	16	46.2	0.0	37.5	18.8
L/T/L/Dadhi Admin Town	0	0	0	0	0	0	3	2	5	3	2	5	100.0	100.0	100.0	40.0
Mojo Admin Town	0	0	0	0	1	1	4	0	4	4	1	5	100.0	0.0	80.0	20.0
Nekemte Admin Town	2	0	2	2	0	2	12	2	14	16	2	18	75.0	100.0	77.8	11.1
Robe Admin Town	2	0	2	2	0	2	3	0	3	7	0	7	42.9		42.9	0.0
Sabata Admin Town	0	1	1	4	1	5	3	2	5	7	4	11	42.9	50.0	45.5	36.4
Shashamane Admin Town	0	1	1	5	0	5	9	1	10	14	2	16	64.3	50.0	62.5	12.5
Sululta Admin Town	0	0	0	0	0	0	1	1	2	1	1	2	100.0	100.0	100.0	50.0
Woliso Admin Town	0	0	0	0	0	0	8	0	8	8	0	8	100.0		100.0	0.0
	17	6	23	494	65	559	539	55	594	1050	126	1176	51.3	43.7	50.5	10.7

Table 3.2. 7 Secondary Schools Supervisors by Highest Education Level

Secondary Schools Supervisors by Highest education level and qualification in 2013 E.C (2020/21 G.C)																
Zone /Administrative town	Below First Degree			First Degree			Above First Degree			Total			% Qualified			% of Female
	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	
Arsi	0	0	0	1	1	2	20	1	21	21	2	23	95.2	50.0	91.3	8.7
Bale	0	0	0	1	0	1	10	0	10	11	0	11	90.9		90.9	0.0
Borena	0	0	0	3	0	3	9	1	10	12	1	13	75.0	100.0	76.9	7.7
Buno Beddelle	0	0	0	0	0	0	7	0	7	7	0	7	100.0		100.0	0.0
East Balee	0	0	0	0	0	0	6	1	7	6	1	7	100.0	100.0	100.0	14.3
East Hararge	0	0	0	9	0	9	14	1	15	23	1	24	60.9	100.0	62.5	4.2
East Shoa	0	0	0	4	0	4	6	0	6	10	0	10	60.0		60.0	0.0
East Wollega	0	0	0	0	0	0	18	0	18	18	0	18	100.0		100.0	0.0
Guji	0	0	0	2	0	2	13	0	13	15	0	15	86.7		86.7	0.0
Horo Guduru Wollega	0	0	0	1	1	2	10	1	11	11	2	13	90.9	50.0	84.6	15.4
Ilu Aba Bora	0	0	0	2	0	2	12	1	13	14	1	15	85.7	100.0	86.7	6.7
Jimma	0	0	0	4	0	4	17	0	17	21	0	21	81.0		81.0	0.0
Kellem Wollega	0	0	0	1	0	1	8	1	9	9	1	10	88.9	100.0	90.0	10.0
North Shoa	0	0	0	0	0	0	16	0	16	16	0	16	100.0		100.0	0.0
OSZS Finfinne	0	0	0	0	0	0	6	0	6	6	0	6	100.0		100.0	0.0
South West Shoa	0	0	0	0	0	0	11	0	11	11	0	11	100.0		100.0	0.0
West Arsi	0	0	0	1	0	1	17	0	17	18	0	18	94.4		94.4	0.0
West Guji	0	0	0	4	0	4	7	0	7	11	0	11	63.6		63.6	0.0
West Hararge	0	0	0	2	0	2	15	1	16	17	1	18	88.2	100.0	88.9	5.6
West Shoa	0	0	0	2	0	2	20	0	20	22	0	22	90.9		90.9	0.0
West Wollega	0	0	0	3	0	3	25	0	25	28	0	28	89.3		89.3	0.0
Adama Admin Town	0	0	0	0	0	0	3	0	3	3	0	3	100.0		100.0	0.0
Ambo Admin Town	0	0	0	0	0	0	2	0	2	2	0	2	100.0		100.0	0.0
Asela Admin Town	0	0	0	0	0	0	4	0	4	4	0	4	100.0		100.0	0.0
Batu Admin Town	0	0	0	0	0	0	1	0	1	1	0	1	100.0		100.0	0.0
Bishan Guracha Admin Town																
Bishoftu Admin Town	0	0	0	0	0	0	1	0	1	1	0	1	100.0		100.0	0.0
Burayu Admin Town	0	0	0	2	0	2	0	0	0	2	0	2	0.0		0.0	0.0
Dukem Admin Town																
Gelan Admin Town	0	0	0	0	0	0	1	0	1	1	0	1	100.0		100.0	0.0
Holeta Admin Town	0	0	0	0	0	0	1	0	1	1	0	1	100.0		100.0	0.0
Jimma Admin Town																
L/T/L/Dadhi Admin Town	0	0	0	0	0	0	1	0	1	1	0	1	100.0		100.0	0.0
Modjo Admin Town	0	0	0	0	0	0	1	0	1	1	0	1	100.0		100.0	0.0
Nekemte Admin Town	0	0	0	0	0	0	1	0	1	1	0	1	100.0		100.0	0.0
Robe Admin Town	0	0	0	0	0	0	1	0	1	1	0	1	100.0		100.0	0.0
Sebeta Admin Town	0	0	0	0	0	0	1	0	1	1	0	1	100.0		100.0	0.0
Shashamane Admin Town	0	0	0	0	0	0	1	0	1	1	0	1	100.0		100.0	0.0
Sululta Admin Town	0	0	0	0	0	0	1	0	1	1	0	1	100.0		100.0	0.0
Woliso Admin Town	0	0	0	0	0	0	1	0	1	1	0	1	100.0		100.0	0.0
Oromia	0	0	0	42	2	44	288	8	296	330	10	340	87.3	80.0	87.1	2.9

Table 3.2. 8 Secondary Schools Teachers Attrition by Means of Attrition

Secondary Schools Teaching Staff Attrition by Means of Attrition, from 2012 to 2013 (2020/21 G.C)																																
SN	Zone /Administration town	2012 Total Number of Teaching Staff			Causes of Attritions																					Attrition Rate						
					Assignment			Death			Ethical Problem			Leaving teaching profession			Other			Prolonged sickness			Retirement						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				
1	Arsi	2539	416	2955	4	0	4	5	2	7			0	4	2	6	7	1	8	1	0	1	6	1	7	27	6	33	1.06	1.44	1.12	
2	Bale	1341	233	1574	2	0	2	1	0	1	0	0	0	4	0	4	22	0	22	0	1	1	5	1	6	34	2	36	2.47	0.81	2.22	
3	Borena	605	72	677	3	0	3	1	0	1	1	0	1	3	0	3	22	3	25			0			0	30	3	33	4.96	4.17	4.87	
4	Buno Beddelle	718	177	895	2	0	2	1	0	1			0	1	0	1	2	0	2			0	3	1	4	9	1	10	1.25	0.56	1.12	
5	East Hararge	1896	273	2169	16	0	16	5	0	5	3	0	3	6	1	7	52	8	60	2	1	0	3	10	0	10	94	10	104	4.96	3.66	4.79
6	East Shoa	907	250	1157	1	0	1	1	0	1	4	1	5	12	2	14	17	5	22	1	0	1	6	0	6	42	8	50	4.63	3.20	4.32	
7	East Wollega	1814	283	2097	1	1	2	2	1	3	1	9	10	1	1	2	5	1	6	1	0	1	2	2	4	13	15	28	0.72	5.30	1.34	
8	Guji	1082	180	1262	4	0	4	0	0	0			0	5	2	7	35	3	38	2	0	2	3	1	4	49	6	55	4.53	3.33	4.36	
9	Horo Guduru Wollega	1363	164	1527	3	0	3	2	1	3			0	3	0	3	3	0	3	1	0	1	5	2	7	17	3	20	1.25	1.83	1.31	
10	Ilu Aba Bora	983	283	1266	1	0	1	2	0	2			0	6	0	6	2	0	2			0	9	2	11	20	2	22	2.03	0.71	1.74	
11	Jimma	2153	531	2684	4	0	4	2	0	2	3	0	3	5	2	7	26	4	30	2	0	2	8	0	8	50	6	56	2.32	1.13	2.09	
12	Kellem Wollega	1512	285	1797			0			0			0	3	0	3	0	1	1			0	3	0	3	6	1	7	0.40	0.35	0.39	
13	North Shoa	1330	390	1720	1	0	1	4	0	4			0	2	0	2	11	0	11			0	2	1	3	20	1	21	1.50	0.26	1.22	
14	OSZS Finfinne	401	109	510	2	0	2	1	1	2			0	4	0	4	6	5	11			0	1		1	14	6	20	3.49	5.50	3.92	
15	South West Shoa	745	175	920	3	0	3	3	0	3	0	0	0	5	1	6	12	4	16	0	0	0	2	0	2	25	5	30	3.36	2.86	3.26	
16	West Arsi	1367	167	1534	5	0	5	3	1	4			0	6	0	6	10	1	11			0	3	1	4	27	3	30	1.98	1.80	1.96	
17	West Guji	741	154	895	1	0	1			0			0	4	0	4	9	3	12	1	0	1			0	15	3	18	2.02	1.95	2.01	
18	West Hararge	1299	210	1509	5	0	5	3	0	3	0	0	0	9	0	9	19	3	22	2	0	2	1	1	2	39	4	43	3.00	1.90	2.85	
19	West Shoa	2369	426	2795	4	0	4	4	1	5	1	0	1	11	2	13	15	1	16	1	0	1	4	2	6	40	6	46	1.69	1.41	1.65	
20	West Wollega	2826	442	3268	2	0	2	3	0	3	1	0	1	3	0	3	22	0	22			0	10	0	10	41	0	41	1.45	0.00	1.25	
21	Adama Admin Town	603	210	813			0	2	0	2	2	0	2	7	0	7	14	0	14	0	1	1	10	4	14	35	5	40	5.80	2.38	4.92	
22	Ambo Admin Town	224	81	305			0	1	1	2			0	4	0	4	5	1	6			0	8	1	9	18	3	21	8.04	3.70	6.89	
23	Asela Admin Town	283	92	375	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	12	4	16	13	4	17	4.59	4.35	4.53	
24	Batu Admin Town	158	21	179			0			0			0	3	0	3	3	1	4	1	0	1	2	1	3	9	2	11	5.70	9.52	6.15	
25	Bishan Guracha Admin Town	18	11	29			0			0			0	1	0	1			0			0			0	1	0	1	5.56	0.00	3.45	
26	Bishoftu Admin Town	313	89	402			0	3	0	3			0	4	1	5	6	0	6	1	0	1	1	2	3	15	3	18	4.79	3.37	4.48	
27	Burayu Admin Town	151	34	185	1	0	1			0			0	2	0	2	5	1	6			0	2	0	2	10	1	11	6.62	2.94	5.95	
28	Dukem Admin Town	86	30	116			0			0			0			0			0			0			0			0	0.00	0.00	0.00	
29	Gelan Admin Town	34	8	42			0			0			0			0			0			0	1	1	2	1	1	2	2.94	12.50	4.76	
30	Holeta Admin Town	100	43	143			0	0	1	1			0			0			0			0	2	0	2	2	1	3	2.00	2.33	2.10	
31	Jimma Admin Town	323	89	412	3	0	3			0			0	7	1	8	8.0	0.0	8	4	0	4	1	0	1	23	1	24	7.12	1.12	5.83	
32	L/T/L/Dadhi Admin Town	68	24	92			0			0			0	1	0	1	2.0	0.0	2			0	1	0	1	4	0	4	5.88	0.00	4.35	
33	Modjo Admin Town	117	28	145			0	1	0	1			0			0			0			0	2	2	4	3	2	5	2.56	7.14	3.45	
34	Nekemte Admin Town	330	123	453			0	1	0	1			0	4	0	4	7.0	1.0	8	1	0	1	13	0	13	26	1	27	7.88	0.81	5.96	
35	Robe Admin Town	111	50	161	4	0	4			0			0	0	0	0	2.0	0.0	2			0	1	1	2	7	1	8	6.31	2.00	4.97	
36	Sebeta Admin Town	298	57	355	1	0	1			0	2	0	2	4	0	4	8.0	0.0	8	1	0	1	3	0	3	19	0	19	6.38	0.00	5.35	
37	Shashamanne Admin Town	360	81	441	2	1	3	3	0	3	2	0	2	1	1	2	1.0	0.0	1			0	2	1	3	11	3	14	3.06	3.70	3.17	
38	Sululta Admin Town	61	14	75			0			0			0			0			0			0			0			0	0.00	0.00	0.00	
39	Woliso Admin Town	160	32	192			0	1	0	1			0	1	0	1			0			0			0	2	0	2	1.25	0.00	1.04	
Oromia		31789	6337	38126	75	2	77	55	9	64	20	##	30	136	16	152	359.0	47.0	406	22	3	25	144	32	176	811	119	930	2.55	1.88	2.44	

3.2.3. Different Ratios in Secondary Education

I. Secondary Education Teacher - Pupils and Section Pupils Ratio

Teacher to pupil ratio by subject in secondary education in 2013 (2020/21 G.C) at zone and Administrative Towns have shown in table 3.2.11 A and B below. Accordingly, teacher to pupil ratio of secondary school was 1:31 at regional level. As shown in the same table, Bishan Guracha, Lege Tefo Lege Dadhi Administrative Towns, Borena, North Shoa & Ilu Aba Bora zones have the least teacher to pupil ratio in secondary education, which are 1:18, 1:19, 1:21, 1:24 & 1:25 respectively. On the other hand, Robe Administrative Town, Woliso Administrative Town, Shashamane Administrative Town and West Guji are with the highest teacher to pupil ratio, which is 1:44, 1:40, 1:39 and 1:38 respectively.

Table 3.2.10 below shows that, section pupils' ratio for secondary school (grade 9-12) in 2013(2020/21 GC) is 1:43. The same table also shows that Arsi, East Shoa, Jimma zones' section to pupil ratio are found relatively small, which are 1:33, 1:33, and 1:36 respectively). Out of a total of 19 Administrative Towns in the region three of them (Modjo, Bishoftu and Jimma) have relatively the lowest section to pupil ratio (1:25, 1:26, and 1:26 respectively). On the other hand, Woliso and Ambo from Administrative Towns, and West Guji and East Hararge from zones have relatively the highest section-pupils ratio (1:62, 1:55, 1:58, and 1:57) respectively.

Table 3.2. 9 A) Secondary Schools Pupil teacher(P/T) Ratio by Subject

Secondary Schools Enrolment, Number of Teachers by subject and P/T Ratio By Subject 2013 (2020/21 G.C.)												
SN	Zones/Administrative Towns	Enrolment	Mathematics		Civics		Sports		IT		English	
			Teachers	P:T Ratio	Teachers	P:T Ratio	Teachers	P:T Ratio	Teachers	P:T Ratio	Teachers	P:T Ratio
1	Arsi	92462	413	224	240	385	74	1249	166	557	18	5137
2	Bale	29647	122	758	92	1005	25	3698	57	1622	7	13209
3	Borena	15947	81	1142	56	1651	38	2433	45	2055	2	46231
4	Buno Beddelle	31020	125	740	80	1156	27	3425	50	1849	2	46231
5	East Bale	16555	69	1340	52	1778	19	4866	34	2719	1	92462
6	East Hararge	74772	294	314	165	560	72	1284	137	675	4	23116
7	East Shoa	34028	153	604	102	906	39	2371	76	1217	4	23116
8	East Wollega	72136	276	335	170	544	82	1128	144	642	13	7112
9	Guji	45943	156	593	101	915	57	1622	88	1051	4	23116
10	Horo Guduru Wollega	55008	224	413	134	690	76	1217	96	963	13	7112
11	Ilu Aba Bora	37613	170	544	107	864	42	2201	87	1063	6	15410
12	Jimma	101536	367	252	248	373	105	881	156	593	11	8406
13	Kellem Wollega	59968	246	376	152	608	60	1541	108	856	9	10274
14	North Shoa	43654	236	392	144	642	70	1321	120	771	4	23116
15	OSZS Finfinne	16049	66	1401	46	2010	12	7705	30	3082	2	46231
16	South West Shoa	28648	129	717	81	1142	26	3556	56	1651	5	18492
17	West Arsi	61552	215	430	115	804	69	1340	88	1051	9	10274
18	West Guji	38564	115	804	83	1114	39	2371	61	1516	1	92462
19	West Hararge	47391	187	494	117	790	58	1594	90	1027	6	15410
20	West Shoa	97718	406	228	240	385	62	1491	155	597	9	10274
21	West Wollega	115803	449	206	273	339	105	881	209	442	14	6604
22	Adama Admin Town	26926	107	864	63	1468	32	2889	44	2101	0	
23	Ambo Admin Town	11464	44	2101	27	3425	11	8406	12	7705	0	
24	Asalla Admin Town	13582	60	1541	34	2719	17	5439	24	3853	6	15410
25	Batu Admin Town	7012	27	3425	15	6164	0		14	6604	0	
26	Bishan Gurracha Admin Town	601	4	23116	2	46231	1	92462	2	46231	0	
27	Bishoftu Admin Town	13256	60	1541	33	2802	10	9246	26	3556	0	
28	Burrayyu Admin Town	6888	22	4203	15	6164	8	11558	7	13209	1	92462
29	Dukam Admin Town	3613	17	5439	6	15410	1	92462	5	18492	1	92462
30	Galan Admin Town	1232	5	18492	3	30821	1	92462	3	30821	0	
31	Holeta Admin Town	5404	22	4203	10	9246	0		8	11558	0	
32	Jimma Admin Town	17126	60	1541	32	2889	21	4403	17	5439	1	92462
33	L/T/L/Dadhi Admin Town	2477	16	5779	7	13209	7	13209	6	15410	0	
34	Modjo Admin Town	4772	26	3556	10	9246	5	18492	9	10274	0	
35	Nekemte Admin Town	15817	56	1651	35	2642	20	4623	29	3188	1	92462
36	Robe Admin Town	8149	29	3188	14	6604	4	23116	7	13209	0	
37	Sebeta Admin Town	9593	45	2055	19	4866	9	10274	13	7112	0	
38	Shashamanne Admin Town	16524	55	1681	25	3698	7	13209	26	3556	0	
39	Sululta Admin Town	2945	10	9246	8	11558	3	30821	4	23116	0	
40	Woliso Admin Town	8485	28	3302	14	6604	2	46231	13	7112	0	
Oromia		1291880	5192	18	3170	29	1316	70	2322	40	154	600

Table 3.2. 10 B) Secondary Schools Pupil Teacher (P/T) Ratio by Subject

Secondary Schools Enrolment, Number of Teachers by subject and P/T Ratio By Subject 2013 (2020/21 G.C.)																				
SN	Zones/Administrative Towns	Total Enrolment	Amharic		Afan Oromo		Chemistry		Physics		Biology		Geography		History		Total		Section(#9-12)	Pupil:Section ratio
			Teachers	TPR	Teachers	TPR	Teachers	TPR	Teachers	TPR	Teachers	TPR	Teachers	TPR	Teachers	TPR	Teachers	TPR		
1	Arsi	88749	171	519	236	376	276	322	266	334	267	332	270	329	235	378	3032	29	2703	33
2	Bale	28364	61	465	90	315	97	292	101	281	93	305	84	338	78	364	1042	27	708	40
3	Borena	15400	33	467	59	261	69	223	64	241	70	220	59	261	58	266	726	21	374	41
4	Buno Beddelle	29104	49	594	75	388	86	338	79	368	85	342	74	393	64	455	919	32	691	42
5	East Bale	15466	33	469	44	352	52	297	57	271	49	316	48	322	48	322	582	27	372	42
6	East Hararge	73390	66	1112	169	434	216	340	195	376	214	343	170	432	176	417	2169	34	1294	57
7	East Shoa	32758	66	496	93	352	113	290	108	303	107	306	89	368	87	377	1196	27	978	33
8	East Wollega	68667	98	701	199	345	198	347	191	360	210	327	161	427	148	464	2208	31	1346	51
9	Guji	43727	70	625	106	413	120	364	108	405	135	324	103	425	94	465	1305	34	797	55
10	Horo Guduru Wollega	50832	68	748	145	351	157	324	164	310	152	334	121	420	110	462	1686	30	1031	49
11	Illu Aba Bora	34002	73	466	111	306	131	260	128	266	126	270	117	291	91	374	1370	25	843	40
12	Jimma	94835	162	585	228	416	257	369	264	359	285	333	239	397	204	465	2893	33	2645	36
13	Kellem Wollega	54281	74	734	150	362	170	319	168	323	168	323	138	393	139	391	1850	29	1120	48
14	North Shoa	42338	103	411	126	336	156	271	155	273	155	273	133	318	128	331	1771	24	1063	40
15	OSZS Finfinne	15879	31	512	37	429	51	311	49	324	48	331	38	418	40	397	521	30	376	42
16	South West Shoa	27210	36	756	83	328	85	320	90	302	93	293	80	340	71	383	961	28	635	43
17	West Arsi	57679	78	739	147	392	147	392	142	406	153	377	140	412	121	477	1620	36	1165	50
18	West Guji	35619	41	869	77	463	91	391	89	400	97	367	69	516	65	548	939	38	618	58
19	West Hararge	46032	87	529	120	384	145	317	144	320	145	317	133	346	110	418	1550	30	896	51
20	West Shoa	94792	105	903	255	372	270	351	266	356	283	335	217	437	200	474	2841	33	2320	41
21	West Wollega	104578	127	823	275	380	312	335	309	338	303	345	272	384	246	425	3380	31	1941	54
22	Adama Admin Town	25489	50	510	53	481	83	307	72	354	79	323	53	481	51	500	797	32	751	34
23	Ambo Admin Town	10742	12	895	33	326	23	467	27	398	32	336	23	467	20	537	300	36	196	55
24	Asalla Admin Town	13201	26	508	32	413	33	400	34	388	36	367	27	489	26	508	420	31	317	42
25	Batu Admin Town	6351	10	635	10	635	16	397	16	397	22	289	13	489	17	374	190	33	210	30
26	Bishan Gurracha Admin Town	567	2	284	2	284	3	189	3	189	2	284	3	189	2	284	31	18	15	38
27	Bishoftu Admin Town	12429	33	377	32	388	44	282	46	270	46	270	27	460	25	497	439	28	476	26
28	Burrrayu Admin Town	6092	11	554	14	435	12	508	15	406	15	406	11	554	15	406	168	36	175	35
29	Dukam Admin Town	3420	8	428	10	342	13	263	12	285	8	428	9	380	11	311	116	29	128	27
30	Galan Admin Town	1152	3	384	3	384	5	230	2	576	4	288	4	288	3	384	41	28	26	44
31	Holeta Admin Town	5195	11	472	14	371	15	346	12	433	16	325	11	472	9	577	146	36	152	34
32	Jimma Admin Town	14607	24	609	22	664	39	375	36	406	41	356	22	664	32	456	418	35	552	26
33	L/T/L/Dadhi Admin Town	1219	11	194	6	355	6	355	10	213	9	237	7	304	8	266	111	19	77	28
34	Modjo Admin Town	4613	10	461	12	384	12	384	17	271	16	288	11	419	10	461	162	28	188	25
35	Nekemte Admin Town	13615	25	545	36	378	37	368	42	324	41	332	37	368	25	545	462	29	346	39
36	Robe Admin Town	7661	10	766	13	589	15	511	16	479	15	511	11	696	15	511	174	44	179	43
37	Sebeta Admin Town	9170	21	437	19	483	38	241	29	316	30	306	29	316	22	417	320	29	243	38
38	Shashamanne Admin Town	15900	27	589	32	497	35	454	41	388	36	442	35	454	26	612	403	39	413	38
39	Sululta Admin Town	2742	5	548	6	457	6	457	8	343	5	548	4	686	6	457	76	36	62	44
40	Woliso Admin Town	7730	12	644	15	515	18	429	18	429	17	455	13	595	17	455	195	40	124	62
Oromia		1216507	1943	626	3189	381	3652	333	3593	339	3708	328	3105	392	2853	426	39530	31	28546	43

3.2.4. Secondary Schools' Facilities

I. Secondary Schools Availability of Water by Source, and Ownership

Water is one of school facilities that secondary schools must own. Accordingly, as table 3.2.12 below has shown, out of 1,296 secondary schools in the region, only 877 (67.7%) of them have water facility. As far as ownership is concerned, while 770 (64.8%) out of 1,189 government owned secondary schools in the region are supplied with water, all non-government (107) schools are supplied with water. The same table also shows that among the 19 Administrative Towns, except Robe and Sebeta all secondary schools in 17 Administrative Towns supplied 100% with water. Out of 21 zones Buno Beddelle, West Guji, Guji, East Bale, and Kelem Wollega zones have the least percentage in supplying water for their secondary schools by having only 38.2%, 40.5%, 44.0% and 50.0%, respectively.

Although 877 secondary schools have reported for having water facilities, this number has increased to 890 when they are counted by source of water, because some schools may get water from more than one source. Accordingly, as shown in table 3.2.12, among the 890 secondary schools 782 (87.9%) of them get water from pipe water in the school and related to the school (pipeline). On the other hand, 47 schools get water from protected spring, 19 rain water collection, 30 surface water/ River Dam, Lake), 8 unprotected spring water and 4 cart with small tank.

II. Secondary Schools Toilet Availability

As can be seen from table 3.2.13 below, out of 1296 secondary schools in the region 1,255 (96.8%) of them have toilet. Yet 41 (3.2%) schools have no toilet for their students. Concerning ownership, out of 1189 government owned and 107 non-government organizations owned secondary schools in the region 1,148 (96.6%) and 107 (100%) of them have toilet.

In the same table availability of toilet is also shown by Zone and Administrative Towns. Accordingly, in 19 administrative towns all of their secondary schools have toilet. Out of 21 zones, East Shoa, Horo Guduru Wollega, Kelem Wollega, Jimma, West Guji, West Hararge and Oromia Special Zone Surrounding Finfinne reported that all (100%) of their secondary schools have toilet. On the other hand, Buno Beddelle, East Bale, and Guji zones have the least percentage of schools with toilet (79.4%, 86.4% and 88.0% respectively).

Table 3.2.12 also shows secondary schools' toilets by type of toilets. Accordingly, out of a total of 1,255 government and non-government owned secondary schools, which have toilet in the region, 855 (68.1%) of them have improved toilet and 400 (31.9%) have traditional. More specifically, out of 855 secondary schools those have improved toilets, 16 are composting, 351 are flush, 485 are poured flush and 3 are bio-gas toilets.

Table 3.2. 12 Secondary Schools (Grade 9-12) Toilet Availability Information

Secondary Schools Toilet Availability Information by Ownership in 2013, (2020/21 G.C)																					
SN	Zones/Administrative Towns	No of Schools			Toilet Available All Ownership		Toilet Available Government School		Toilet Available Non Government School		% Schools Having Toilet	% Schools with out Toilet	Traditional toilet	Improved Toilet	Percentage		Type of Improved Toilet				
		Gov	NGO	Total	Available	Not Available	Available	Not Available	Available	Not Available					Traditional	Improved	A Bio-gass toilet	A composting toilet	A flush toilet	A pour-flush toilet	Grand Total
1	Arsi	94	1	95	90	5	89	5	1	0	95	5	90	3	87	3		2	1		3
2	Bale	39	0	39	37	2	37	2	0	0	95	5	38	33	4	33			1	32	33
3	Borana	32	0	32	29	3	29	3	0	0	91	9	31	24	5	24			2	22	24
4	Buno Beddelle	34	0	34	27	7	27	7	0	0	79	21	28	19	8	19			1	18	19
5	East Bale	22	0	22	19	3	19	3	0	0	86	14	19	15	4	15	3			12	15
6	East Hararge	57	2	59	57	2	55	2	2	0	97	3	58	53	4	53			5	48	53
7	East Shoa	42	7	49	49	0	42	0	7	0	100	0	49	48	1	48			35	13	48
8	East Wollega	73	0	73	70	3	70	3	0	0	96	4	70	48	22	48			48		48
9	Guji	50	0	50	44	6	44	6	0	0	88	12	45	35	9	35			1	34	35
10	Horo Guduru Wollega	51	1	52	52	0	51	0	1	0	100	0	52	36	16	36			1	35	36
11	Ilu Aba Bora	49	0	49	46	3	46	3	0	0	94	6	47	33	13	33			1	32	33
12	Jimma	104	0	104	104	0	104	0	0	0	100	0	104	4	100	4			1	3	4
13	Kellem Wollega	49	1	50	50	0	49	0	1	0	100	0	50	32	18	32			20	12	32
14	North Shoa	50	0	50	47	3	47	3	0	0	94	6	47	40	7	40			40		40
15	OSZS Finfinne	22	1	23	23	0	22	0	1	0	100	0	23	22	1	22			4	18	22
16	South West Shoa	30	0	30	29	1	29	1	0	0	97	3	29	27	2	27				27	27
17	West Arsi	55	6	61	60	1	54	1	6	0	98	2	60	42	18	42			2	40	42
18	West Guji	37	0	37	37	0	37	0	0	0	100	0	37	27	10	27			25	2	27
19	West Hararge	50	0	50	50	0	50	0	0	0	100	0	50	48	2	48			46	2	48
20	West Shoa	77	2	79	78	1	76	1	2	0	99	1	78	63	15	63			3	60	63
21	West Wollega	96	5	101	100	1	95	1	5	0	99	1	100	52	48	52			49	3	52
22	Adama Admin Town	9	21	30	30	0	9	0	21	0	100	0	30	30		30			14	16	30
23	Ambo Admin Town	6	1	7	7	0	6	0	1	0	100	0	7	7		7			7		7
24	Asalla Admin Town	7	4	11	11	0	7	0	4	0	100	0	11	10	1	10			8	1	10
25	Batu Admin Town	3	3	6	6	0	3	0	3	0	100	0	6	5	1	5			4	1	5
26	Bishan Gurracha Admin Town	1	0	1	1	0	1	0	0	0	100	0	1	1		1			1		1
27	Bishoftu Admin Town	5	9	14	14	0	5	0	9	0	100	0	14	14		14			2	12	14
28	Burrayyu Admin Town	3	6	9	9	0	3	0	6	0	100	0	9	9		9			1	8	9
29	Dukam Admin Town	2	3	5	5	0	2	0	3	0	100	0	5	5		5			1	4	5
30	Galan Admin Town	1	0	1	1	0	1	0	0	0	100	0	1	1		1				1	1
31	Holeta Admin Town	2	1	3	3	0	2	0	1	0	100	0	3	3		3			3		3
32	Jimma Admin Town	7	8	15	15	0	7	0	8	0	100	0	15	15		15			15		15
33	L/T/L/Dadhi Admin Town	2	2	4	4	0	2	0	2	0	100	0	4	3	1	3			1	2	3
34	Mojo Admin Town	3	2	5	5	0	3	0	2	0	100	0	5	5		5			5		5
35	Nekemte Admin Town	8	5	13	13	0	8	0	5	0	100	0	13	13		13			3	10	13
36	Robe Admin Town	3	0	3	3	0	3	0	0	0	100	0	3	3		3				3	3
37	Sabata Admin Town	4	9	13	13	0	4	0	9	0	100	0	13	12	1	12			6	4	12
38	Shashamanne Admin Town	5	7	12	12	0	5	0	7	0	100	0	12	10	2	10			2	8	10
39	Sululta Admin Town	1	0	1	1	0	1	0	0	0	100	0	1	1		1				1	1
40	Woliso Admin Town	4	0	4	4	0	4	0	0	0	100	0	4	4		4			1	3	4
Total Oromia		1189	107	1296	1255	41	1148	41	107	0	96.8	3	1262	855	400	855	3	16	351	485	855

III. Secondary Schools Electricity Availability

As can be seen from table 3.2.13 below, out of a total of 1296 secondary schools in the region 1044 of them reported that they are supplied with electricity. In terms of ownership, out of a total of 1189 government owned secondary schools 937 (78.8%) of them are supplied with electricity. Likewise, out of a total of 107 secondary schools owned by non-government all of them (107=100%) have access to electricity. As the same table has shown, out of a total of 19 administrative towns in the region, 16 of them have secondary schools supplied with electricity. The remaining three administrative towns (Adama, Lege Tafo Lege Dadi & Woliso) have some schools without electric power supply. Similarly, East Bale, West Wollega, Guji and Borena zones' secondary schools are the least supplied with electricity (63.6%, 66.3%, 68%, and 68.8% respectively).

Table 3.2.13 below also shows that, out of a total of 1044 secondary schools supplied with electricity in the region, 899 (86.1%) of them are supplied with hydroelectric power. In addition, 110 (10.5%), 32 (3.1%), 2 (0.2%) and 1 (0.1%) of them are sourced with generator, Solar, Bio-gas and other energy respectively. When the supply of electricity in secondary school is seen in terms of location, the same table has shown that out of 1189 government owned secondary schools and 107 non-government owned secondary schools, 275 (26.3%) of them are situated in rural, and 769 (73.6%) are in urban.

Table 3.2. 13 Secondary Schools (Grade 9-12) Electricity Availability by Ownership and source

Secondary Schools Electricity Availability by Ownership and source, 2013(2020/21 G.C)																							
SN	Zone/Administrative Towns	Number of Schools			Availability of Electric City With Its Source																		
					Avaliable			Not Avaliable			Avaliable		Not Available		% of Avaliability			Source of Electricity					
		Gov	NGO	Total	Rural	Urban	Total	Rural	Urban	Total	Gov	Non Gov	Gov	Non Gov	Total	Gov	Non Gov	Bio gaz	Generator	Hydro Electric	Solar	Other	Total
1	Arsi	94	1	95	24	54	78	9.0	8	17	77.0	1	17	0	82.1	81.9	100.0	1	6	70	1	78	
2	Bale	39	0	39	7	25	32	5.0	2	7	32.0	0	7	0	82.1	82.1			7	25		32	
3	Borena	32	0	32	10	12	22	6.0	4	10	22.0	0	10	0	68.8	68.8			4	17		22	
4	Buno Beddelle	34	0	34	12	13	25	7.0	2	9	25.0	0	9	0	73.5	73.5			2	23		25	
5	East Bale	22	0	22	3	11	14	6.0	2	8	14.0	0	8	0	63.6	63.6			3	10	1	14	
6	East Hararge	57	2	59	12	37	49	5.0	5	10	47.0	2	10	0	83.1	82.5	100.0		4	42	3	49	
7	East Shoa	42	7	49	7	35	42	4.0	3	7	35.0	7	7	0	85.7	83.3	100.0			37	5	42	
8	East Wollega	73	0	73	15	46	61	7.0	5	12	61.0	0	12	0	83.6	83.6			5	53	3	61	
9	Guji	50	0	50	17	17	34	12.0	4	16	34.0	0	16	0	68.0	68.0			12	22		34	
10	Horo Guduru Wollega	51	1	52	16	24	40	9.0	3	12	39.0	1	12	0	76.9	76.5	100.0		2	37	1	40	
11	Illu Aba Bora	49	0	49	15	24	39	9.0	1	10	39.0	0	10	0	79.6	79.6			5	34		39	
12	Jimma	104	0	104	33	48	81	21.0	2	23	81.0	0	23	0	77.9	77.9			8	67	6	81	
13	Kellem Wollega	49	1	50	11	30	41	6.0	3	9	40.0	1	9	0	82.0	81.6	100.0		13	27	1	41	
14	North Shoa	50	0	50	9	31	40	9.0	1	10	40.0	0	10	0	80.0	80.0			3	36	1	40	
15	OSZS Finfinne	22	1	23	4	16	20	2.0	1	3	19.0	1	3	0	87.0	86.4	100.0		1	17	2	20	
16	South West Shoa	30	0	30	5	20	25	2.0	3	5	25.0	0	5	0	83.3	83.3			1	24		25	
17	West Arsi	55	6	61	9	38	47	5.0	9	14	41.0	6	14	0	77.0	74.5	100.0		6	41		47	
18	West Guji	37	0	37	13	15	28	7.0	2	9	28.0	0	9	0	75.7	75.7		1	2	24	1	28	
19	West Hararge	50	0	50	9	26	35	6.0	9	15	35.0	0	15	0	70.0	70.0			8	27		35	
20	West Shoa	77	2	79	26	44	70	7.0	2	9	68.0	2	9	0	88.6	88.3	100.0		5	62	3	70	
21	West Wollega	96	5	101	18	49	67	27.0	7	34	62.0	5	34	0	66.3	64.6	100.0		13	54		67	
22	Adama Admin Town	9	21	30		29	29	0.0	1	1	8.0	21	1	0	96.7	88.9	100.0			29		29	
23	Ambo Admin Town	6	1	7		7	7	0.0	0	0	6.0	1	0	0	100.0	100.0	100.0			7		7	
24	Asela Admin Town	7	4	11		11	11	0.0	0	0	7.0	4	0	0	100.0	100.0	100.0			11		11	
25	Batu Admin Town	3	3	6		6	6	0.0	0	0	3.0	3	0	0	100.0	100.0	100.0			5	1	6	
26	Bishan Guracha Admin Town	1	0	1		1	1	0.0	0	0	1.0	0	0	0	100.0	100.0				1		1	
27	Bishoftu Admin Town	5	9	14		14	14	0.0	0	0	5.0	9	0	0	100.0	100.0	100.0			14		14	
28	Burayu Admin Town	3	6	9		9	9	0.0	0	0	3.0	6	0	0	100.0	100.0	100.0			8	1	9	
29	Dukem Admin Town	2	3	5		5	5	0.0	0	0	2.0	3	0	0	100.0	100.0	100.0			5		5	
30	Gelan Admin Town	1	0	1		1	1	0.0	0	0	1.0	0	0	0	100.0	100.0				1		1	
31	Holeta Admin Town	2	1	3		3	3	0.0	0	0	2.0	1	0	0	100.0	100.0	100.0			3		3	
32	Jimma Admin Town	7	8	15		15	15	0.0	0	0	7.0	8	0	0	100.0	100.0	100.0			15		15	
33	L/T/L/Dadhi Admin Town	2	2	4		3	3	0.0	1	1	1.0	2	1	0	75.0	50.0	100.0			2	1	3	
34	Modjo Admin Town	3	2	5		5	5	0.0	0	0	3.0	2	0	0	100.0	100.0	100.0			5		5	
35	Nekemte Admin Town	8	5	13		13	13	0.0	0	0	8.0	5	0	0	100.0	100.0	100.0			13		13	
36	Robe Admin Town	3	0	3		3	3	0.0	0	0	3.0	0	0	0	100.0	100.0				3		3	
37	Sebeta Admin Town	4	9	13		13	13	0.0	0	0	4.0	9	0	0	100.0	100.0	100.0			13		13	
38	Shashamane Admin Town	5	7	12		12	12	0.0	0	0	5.0	7	0	0	100.0	100.0	100.0			11	1	12	
39	Sululta Admin Town	1	0	1		1	1	0.0	0	0	1.0	0	0	0	100.0	100.0				1		1	
40	Woliso Admin Town	4	0	4		3	3	0.0	1	1	3.0	0	1	0	75.0	75.0				3		3	
Oromia		1189	107	1296	275	769	1044	171	81	252	937	107	252	0.0	80.6	78.8	100.0	2.0	110.0	899	32	1	1044

IV) Secondary School Laboratory Availability

Table 3.2.14 below indicates the availability of laboratory in secondary schools in the region by ownership and locality.

As shown in the table below, out of 1,296 secondary schools in the region, 1,232 (95.06%) schools are available with laboratory (94.7%) government schools and 99.06% non-government schools. Out of government schools Nekemte and Sebeta Administrative Towns have the least laboratory availability (75%).

Table 3.2.14 also shows that, secondary schools' availability of laboratory by locality, as seen from this table urban schools are available with laboratory more than rural schools.

V) Secondary School Computer and Internet Availability

Table 3.2.15 shown below, indicates computer and internet availability in secondary schools of the region. As seen from this table 42,707 computers are available for secondary schools in the region. Among those computers 33,291 computers are functional and 9,416 are not functional. Out of 42,707 computers 9,469 are used for administrative function and 25,553 for teaching. From total number of computers (42,707) 3,703 of them are connected to internet and 28,757 students (Male=14,467, Female=14,290) have been advantaged access of internet.

Table 3.2. 14 Secondary Schools Laboratory Information By Ownership And Locality

Secondary Schools Laboratory Availability Information by Ownership and Locality in 2013, (2020/21 G.C)																					
SN	Zone /Administrative town	No of Schools					Availability			Availability by Ownership						Availability by Locality					
		Total	Gov	NGO	Rural	Urban	Available	Not Available	Percentage of Available	Government			Non-Government			Rural			Urban		
										Available	Not Available	Percentage of Available	Available	Not Available	Percentage of Available	Available	Not Available	Percentage of Available	Available	Not Available	Percentage of Available
1	Arsi	95	94	1	33	62	87	8	91.6	86	8	91	1		100	30	3	90.9	57	5	91.9
2	Bale	39	39	0	12	27	38	1	97.4	38	1	97				11	1	91.7	27		100.0
3	Borena	32	32	0	16	16	26	6	81.3	26	6	81				11	5	68.8	15	1	93.8
4	Buno Beddelle	34	34	0	19	15	33	1	97.1	33	1	97				19		100.0	14	1	93.3
5	East Bale	22	22	0	9	13	21	1	95.5	21	1	95				8	1	88.9	13		100.0
6	East Hararge	59	57	2	17	42	54	5	91.5	52	5	91	2		100	14	3	82.4	40	2	95.2
7	East Shoa	49	42	7	11	38	48	1	98.0	41	1	98	7		100	11		100.0	37	1	97.4
8	East Wollega	73	73	0	22	51	67	6	91.8	67	6	92				18	4	81.8	49	2	96.1
9	Guji	50	50	0	29	21	48	2	96.0	48	2	96				28	1	96.6	20	1	95.2
10	Horo Guduru Wollega	52	51	1	25	27	47	5	90.4	46	5	90	1		100	24	1	96.0	23	4	85.2
11	Illu Aba Bora	49	49	0	24	25	43	6	87.8	43	6	88				19	5	79.2	24	1	96.0
12	Jimma	104	104	0	54	50	96	8	92.3	96	8	92				47	7	87.0	49	1	98.0
13	Kellem Wollega	50	49	1	17	33	49	1	98.0	48	1	98	1		100	17		100.0	32	1	97.0
14	North Shoa	50	50	0	18	32	49	1	98.0	49	1	98				17	1	94.4	32		100.0
15	OSZS Finfinne	23	22	1	6	17	22	1	95.7	21	1	95	1		100	6		100.0	16	1	94.1
16	South West Shoa	30	30	0	7	23	30		100.0	30		100				7		100.0	23		100.0
17	West Arsi	61	55	6	14	47	58	3	95.1	53	2	96	5	1	83	12	2	85.7	46	1	97.9
18	West Guji	37	37	0	20	17	36	1	97.3	36	1	97				19	1	95.0	17		100.0
19	West Hararge	50	50	0	15	35	49	1	98.0	49	1	98				15		100.0	34	1	97.1
20	West Shoa	79	77	2	33	46	79		100.0	77		100	2		100	33		100.0	46		100.0
21	West Wollega	101	96	5	45	56	99	2	98.0	94	2	98	5		100	45		100.0	54	2	96.4
22	Adama Admin Town	30	9	21		30	30		100.0	9		100	21		100				30		100.0
23	Ambo Admin Town	7	6	1		7	7		100.0	6		100	1		100				7		100.0
24	Asela Admin Town	11	7	4		11	11		100.0	7		100	4		100				11		100.0
25	Batu Admin Town	6	3	3		6	6		100.0	3		100	3		100				6		100.0
26	Bishan Guracha Admin Town	1	1	0		1	1		100.0	1		100							1		100.0
27	Bishoftu Admin Town	14	5	9		14	14		100.0	5		100	9		100				14		100.0
28	Burayu Admin Town	9	3	6		9	9		100.0	3		100	6		100				9		100.0
29	Dukem Admin Town	5	2	3		5	5		100.0	2		100	3		100				5		100.0
30	Gelan Admin Town	1	1	0		1	1		100.0	1		100							1		100.0
31	Holeta Admin Town	3	2	1		3	3		100.0	2		100	1		100				3		100.0
32	Jimma Admin Town	15	7	8		15	14	1	93.3	6	1	86	8		100				14	1	93.3
33	L/T/L/Dadhi Admin Town	4	2	2		4	4		100.0	2		100	2		100				4		100.0
34	Modjo Admin Town	5	3	2		5	5		100.0	3		100	2		100				5		100.0
35	Nekemte Admin Town	13	8	5		13	11	2	84.6	6	2	75	5		100				11	2	84.6
36	Robe Admin Town	3	3	0		3	3		100.0	3		100							3		100.0
37	Sebeta Admin Town	13	4	9		13	12	1	92.3	3	1	75	9		100						
38	Shashamane Admin Town	12	5	7		12	12		100	5		100	7		100				12		100.0
39	Sululta Admin Town	1	1	0		1	1		100	1		100							1		100.0
40	Woliso Admin Town	4	4	0		4	4		100	4		100							4		100.0
	Oromia	1296	1189	107	446	850	1232	64	95.0617	1126	63	95	106	1	99.0654	411	35	92.152	821	29	96.6

V. Computer and Internet Availability in Secondary Schools

Table 3.2. 15 Secondary Schools Computer and Internet Availability and functionality

Government and Non-Government Secondary Schools Computer and Internet Availability and Functionality, in 2013 E.C (2020/21GC)											
SN	Zone /Administrative town	Computer Available			Computers used for administrative function and teaching function			Computers Connected to Internet	Students using Internet		
		Functional	Not Functional	Total	For Administrative	For Teaching	Total		Male	Female	Total
1	Arsi	2588	626	3214	321	1967	2288	342	1848	1927	3775
2	Bale	1476	249	1725	138	1093	1231	99	867	742	1609
3	Borena	754	129	883	58	487	545				0
4	Buno Beddelle	842	355	1197	58	607	665	111	551	333	884
5	East Bale	685	119	804	57	465	522	80			0
6	East Hararge	1957	778	2735	1066	1697	2763	424	623	411	1034
7	East Shoa	1644	351	1995	116	1281	1397	162	247	479	726
8	East Wollega	1464	405	1869	215	1017	1232	81			0
9	Guji	1132	247	1379	702	820	1522	83	144	346	490
10	Horo Guduru Wollega	1212	359	1571	748	769	1517		84	25	109
11	Ilu Aba Bora	791	363	1154	493	634	1127	115	665	472	1137
12	Jimma	1971	871	2842	135	1561	1696	24	198	294	492
13	Kellem Wollega	954	321	1275	87	735	822	84	160	192	352
14	North Shoa	1281	508	1789	142	987	1129	105	1147	724	1871
15	OSZS Finfinne	546	202	748	491	355	846	91	36	71	107
16	South West Shoa	1005	239	1244	134	752	886	83	725	530	1255
17	West Arsi	1366	373	1739	174	910	1084	85	550	624	1174
18	West Guji	623	269	892	76	542	618	160	220	261	481
19	West Hararge	1082	227	1309	144	911	1055	93	685	674	1359
20	West Shoa	2516	728	3244	313	1655	1968	260	763	962	1725
21	West Wollega	1650	508	2158	667	1879	2546	115	837	645	1482
22	Adama Admin Town	1034	195	1229	106	822	928	278	1077	911	1988
23	Ambo Admin Town	270	63	333	1792	134	1926	60	208	169	377
24	Asela Admin Town	315	88	403	16	260	276	36	167	383	550
25	Batu Admin Town	260	39	299	36	225	261	99	218	133	351
26	Bishan Guracha Admin Town	25		25	4		4				0
27	Bishoftu Admin Town	742	168	910	110	666	776	59	138	397	535
28	Burayu Admin Town	187	42	229	741	146	887	12	95	96	191
29	Dukem Admin Town	214	18	232	22	174	196	139	177	228	405
30	Gelan Admin Town	42	60	102	1	42	43		94	84	178
31	Holeta Admin Town	165	8	173	12	153	165	80	212	163	375
32	Jimma Admin Town	385	72	457	33	264	297	84	769	982	1751
33	L/T/L/Dadhi Admin Town	213	29	242	21	182	203	80	136	146	282
34	Modjo Admin Town	164	62	226	20	141	161	8	80	127	207
35	Nekemte Admin Town	470	141	611	43	414	457	65	115	321	436
36	Robe Admin Town	91	18	109	17	55	72				0
37	Sebeta Admin Town	505	67	572	62	411	473	96	556	388	944
38	Shashamane Admin Town	506	56	562	80	275	355	4			0
39	Sululta Admin Town	33	18	51	6	27	33	1			0
40	Woliso Admin Town	131	45	176	12	38	50	5	75	50	125
Oromia		33291	9416	42707	9469	25553	35022	3703	14467	14290	28757

VI. Secondary Schools Library Availability

The importance of library in secondary school is not something debatable. To this end, secondary schools are supposed to have libraries. While the role of library remains the same, its design, digital platform, strategies, and tools dynamic might be resulted from technological change. As Table 3.2.16 below has shown, out of a total of 21 zones in the region, secondary schools of four of them (East Bale (54.5%), Buno Beddelle (61.8%), West Wollega (62.4%), and Borena (65.6%) are among the least supplied with library as a school facility. Similarly, Woliso (75%), Batu (83.3%), and Asela (90.9%) are administrative towns with least supplied library as a school facility. Contrarywise most non-government schools in the region are supplied with library (100%) except one school in Bishoftu Administrative Town.

Table 3.2. 16 Secondary Schools Library Availability

Secondary Schools Library Availability Information by Ownership in 2013(2020/21 G.C)													
SN	Zone /Administration town	No of Schools			All Ownership			Government			Non-Government		
		Gov	NoneGOV	Total	Available	Not Available	Percentage of Available	Available	Not Available	Percentage of Available	Available	Not Available	Percentage of Availability
1	Arsi	94	1	95	84	11	88.4	83	11	88.3	1	0	100.0
2	Bale	39	0	39	31	8	79.5	31	8	79.5	0	0	
3	Borena	32	0	32	21	11	65.6	21	11	65.6	0	0	
4	Buno Beddelle	34	0	34	21	13	61.8	21	13	61.8	0	0	
5	East Bale	22	0	22	12	10	54.5	12	10	54.5	0	0	
6	East Hararge	57	2	59	51	8	86.4	49	8	86.0	2	0	100.0
7	East Shoa	42	7	49	48	1	98.0	41	1	97.6	7	0	100.0
8	East Wollega	73	0	73	55	18	75.3	55	18	75.3	0	0	
9	Guji	50	0	50	38	12	76.0	38	12	76.0	0	0	
10	Horo Guduru Wollega	51	1	52	41	11	78.8	40	11	78.4	1	0	100.0
11	Ilu Aba Bora	49	0	49	37	12	75.5	37	12	75.5	0	0	
12	Jimma	104	0	104	81	23	77.9	81	23	77.9	0	0	
13	Kellem Wollega	49	1	50	41	9	82.0	40	9	81.6	1	0	100.0
14	North Shoa	50	0	50	39	11	78.0	39	11	78.0	0	0	
15	OSZS Finfinne	22	1	23	21	2	91.3	20	2	90.9	1	0	100.0
16	South West Shoa	30	0	30	29	1	96.7	29	1	96.7	0	0	
17	West Arsi	55	6	61	55	6	90.2	49	6	89.1	6	0	100.0
18	West Guji	37	0	37	30	7	81.1	30	7	81.1	0	0	
19	West Hararge	50	0	50	47	3	94.0	47	3	94.0	0	0	
20	West Shoa	77	2	79	69	10	87.3	67	10	87.0	2	0	100.0
21	West Wollega	96	5	101	63	38	62.4	58	38	60.4	5	0	100.0
22	Adama Admin Town	9	21	30	28	2	93.3	7	2	77.8	21	0	100.0
23	Ambo Admin Town	6	1	7	7		100.0	6		100.0	1	0	100.0
24	Asela Admin Town	7	4	11	10	1	90.9	6	1	85.7	4	0	100.0
25	Batu Admin Town	3	3	6	5	1	83.3	2	1	66.7	3	0	100.0
26	Bishan Guracha Admin Town	1	0	1	1		100.0	1		100.0	0	0	
27	Bishoftu Admin Town	5	9	14	13	1	92.9	5		100.0	8	1	88.9
28	Burayu Admin Town	3	6	9	9		100.0	3		100.0	6	0	100.0
29	Dukem Admin Town	2	3	5	5		100.0	2		100.0	3	0	100.0
30	Gelan Admin Town	1	0	1	1		100.0	1		100.0	0	0	
31	Holeta Admin Town	2	1	3	3		100.0	2		100.0	1	0	100.0
32	Jimma Admin Town	7	8	15	15		100.0	7		100.0	8	0	100.0
33	L/T/L/Dadhi Admin Town	2	2	4	4		100.0	2		100.0	2	0	100.0
34	Modjo Admin Town	3	2	5	5		100.0	3		100.0	2	0	100.0
35	Nekemte Admin Town	8	5	13	12	1	92.3	7	1	87.5	5	0	100.0
36	Robe Admin Town	3	0	3	3		100.0	3		100.0	0	0	
37	Sebeta Admin Town	4	9	13	13		100.0	4		100.0	9	0	100.0
38	Shashamanne Admin Town	5	7	12	12		100.0	5		100.0	7	0	100.0
39	Sululta Admin Town	1	0	1	1		100.0	1		100.0	0	0	
40	Woliso Admin Town	4	0	4	3	1	75.0	3	1	75.0	0	0	
Oromia		1189	107	1296	1064	232	82.1	958	231	80.6	106	1	99

VI. Co-curricular Information in Secondary Schools

Table 3.2. 17. Secondary Schools co-curricular Information

Secondary Schools HIV/AIDS Intervention, Tomorrow Teachers , Girls Club and Environmental Protection Information , 2013 (2020/21 G.C)																						
SN	Zone /Administrative town	No SCHOOL	Anti HIV/AIDS					Teachers of Tomorrow					Girls Club					Environmental Protection				
			No school the Club Available	% school the Club Available	Membrs			No school the Club Available	% school the Club Available	Membrs			No school the Club Available	% school the Club Available	Membrs			No school the Club Available	% school the Club Available	Membrs		
					M	F	T			M	F	T			M	F	T			M	F	T
1	Arsi	95	70	73.7	5743	7013	12756	30	31.6	1141	1078	2219	62	65.3	1490	8983	10473	77	81.1	8276	6182	14458
2	Bale	39	34	87.2	1351	1059	2410	20	51.3	507	326	833	24	61.5	188	2844	3032	39	100.0	1588	1194	2782
3	Borena	32	25	78.1	473	402	875	20	62.5	375	237	612	19	59.4	146	927	1073	32	100.0	832	600	1432
4	Buno Beddelle	34	26	76.5	758	549	1307	19	55.9	378	339	717	17	50.0	98	968	1066	34	100.0	987	847	1834
5	East Bale	22	16	72.7	983	586	1569	8	36.4	323	145	468	13	59.1	177	1558	1735	18	81.8	1256	860	2116
6	East Hararge	59	43	72.9	3676	1861	5537	34	57.6	960	561	1521	32	54.2	629	2572	3201	49	83.1	4903	2938	7841
7	East Shoa	49	40	81.6	1036	940	1976	19	38.8	693	235	928	28	57.1	353	1877	2230	43	87.8	1523	1153	2676
8	East Wollega	73	57	78.1	2704	2481	5185	45	61.6	1325	979	2304	43	58.9	967	3870	4837	66	90.4	4486	2390	6876
9	Guji	50	34	68.0	1571	951	2522	34	68.0	975	449	1424	22	44.0	321	1875	2196	44	88.0	2977	1702	4679
10	Horo Guduru Wollega	52	42	80.8	2141	1650	3791	29	55.8	707	522	1229	31	59.6	172	3728	3900	49	94.2	4251	3540	7791
11	Ilu Aba Bora	49	39	79.6	1701	1450	3151	36	73.5	923	695	1618	29	59.2	166	2228	2394	43	87.8	1679	1582	3261
12	Jimma	104	91	87.5	3254	3552	6806	64	61.5	1600	1406	3006	80	76.9	1111	6572	7683	95	91.3	4027	3677	7704
13	Kellem Wollega	50	40	80.0	1682	1342	3024	34	68.0	1328	881	2209	32	64.0	226	3732	3958	46	92.0	2378	1867	4245
14	North Shoa	50	43	86.0	1933	1721	3654	25	50.0	679	485	1164	31	62.0	691	1976	2667	47	94.0	2357	1948	4305
15	OSZS Finfinne	30	26	86.7	1259	870	2129	6	20.0	186	113	299	20	66.7	187	2734	2921	30	100.0	1505	1077	2582
16	South West Shoa	61	50	82.0	2560	1740	4300	35	57.4	1190	813	2003	42	68.9	955	4029	4984	54	88.5	3455	2013	5468
17	West Arsi	79	64	81.0	2683	2013	4696	35	44.3	976	801	1777	54	68.4	893	6271	7164	72	91.1	5236	3643	8879
18	West Guji	101	80	79.2	3396	3084	6480	47	46.5	1371	1133	2504	58	57.4	473	7695	8168	93	92.1	5799	5001	10800
19	West Hararge	30	17	56.7	625	676	1301	15	50.0	232	278	510	15	50.0	697	979	1676	21	70.0	438	526	964
20	West Shoa	7	3	42.9	281	337	618	3	42.9	120	89	209	2	28.6	85	115	200	6	85.7	420	302	722
21	West Wollega	11	7	63.6	104	148	252	4	36.4	34	37	71	5	45.5	25	96	121	7	63.6	170	177	347
22	Adama Admin Town	6	4	66.7	151	116	267	1	16.7	10	12	22	4	66.7	30	504	534	5	83.3	208	179	387
23	Ambo Admin Town	1	1	100.0	30	20	50	1	100.0	18	20	38	1	100.0	3	40	43		0.0			0
24	Asele Admin Town	23	20	87.0	464	381	845	5	21.7	38	20	58	10	43.5	43	1155	1198	21	91.3	751	600	1351
25	Batu Admin Town	14	10	71.4	224	294	518	3	21.4	49	31	80	8	57.1	78	408	486	10	71.4	284	298	582
26	Bishan Guracha Admin Town	9	4	44.4	53	56	109	1	11.1	5	4	9	5	55.6	30	892	922	8	88.9	138	154	292
27	Bishoftu Admin Town	37	31	83.8	1339	855	2194	21	56.8	501	201	702	25	67.6	463	1721	2184	35	94.6	1896	959	2855
28	Burayu Admin Town	5	3	60.0	68	62	130	3	60.0	29	27	56	2	40.0	2	48	50	4	80.0	55	39	94
29	Dukem Admin Town	1		0.0			0	1	100.0	22	26	48	1	100.0	16	20	36	1	100.0	25	24	49
30	Gelän Admin Town	50	30	60.0	1577	1044	2621	18	36.0	528	232	760	24	48.0	457	2045	2502	39	78.0	2790	1494	4284
31	Holeta Admin Town	3	2	66.7	18	25	43		0.0			0	1	33.3	1	87	88	3	100.0	49	46	95
32	Jimma Admin Town	15	8	53.3	241	252	493	6	40.0	36	31	67	6	40.0	24	209	233	13	86.7	223	205	428
33	L/T/U/Dadhi Admin Town	4	3	75.0	116	100	216	0	0.0			0	3	75.0	57	146	203	4	100.0	103	87	190
34	Modjo Admin Town	5	4	80.0	157	119	276	1	20.0	13	12	25	3	60.0	51	205	256	4	80.0	214	175	389
35	Nekemte Admin Town	13	9	69.2	284	254	538	4	30.8	103	163	266	8	61.5	98	295	393	10	76.9	202	269	471
36	Robe Admin Town	3	2	66.7	60	71	131	1	33.3	25	2	27	2	66.7	62	50	112	3	100.0	82	85	167
37	Sebeta Admin Town	13	12	92.3	299	334	633	5	38.5	90	63	153	9	69.2	91	1378	1469	12	92.3	559	384	943
38	Shashamane Admin Town	12	5	41.7	137	88	225	2	16.7	50	30	80	5	41.7	81	351	432	7	58.3	361	311	672
39	Sululta Admin Town	1	1	100.0	124	123	247	0	0.0			0	1	100.0	1	1120	1121	1	100	124	123	247
40	Woliso Admin Town	4	4	100.0	365	308	673	1	25.0	25	20	45	2	50.0		492	492	3	75	112	109	221
Oromia		1296	1000	77.2	45621	38927	84548	636	49.1	17565	12496	30061	779	60.1	11638	76795	88433	1148	89	66719	48760	115479

VII. Secondary Schools Budget

Table 3.2. 18 Government Secondary Schools Budget; Community Contribution and school Grant

Secondary Schools Government and Local Community Annual Revenue by Type of Source, 2013(2020/21 G.C)									
SN	Zones/Administrative Towns	Community Contribution					Other Source	School Grant	Grand Total
		In cash	In kind	In Labor	Internal Income	Total			
1	Arsi	1,632,467.00	1,116,952.00	797,490.00	9,007,901.00	12,554,810.00	245,662.00	5,135,280.00	17,935,752.00
2	Bale	770,440.00	134,750.00	364,930.00	4,931,506.00	6,201,626.00	171,820.00	2,614,369.00	8,987,815.00
3	Borena	2,580,008.00	194,000.00	171,600.00	197,320.00	3,142,928.00		1,041,978.00	4,184,906.00
4	Buno Beddelle	327,760.00	141,158.00	304,031.00	707,902.00	1,480,851.00	200.00	1,791,910.00	3,272,961.00
5	East Hararge	280,830.00	666,152.00	919,540.00	1,054,481.00	2,921,003.00	39,500.00	4,225,500.00	7,186,003.00
6	East Shoa	2,890,945.00	268,275.00	327,570.00	1,056,510.00	4,543,300.00	931,278.00	1,736,542.00	7,211,120.00
7	East Wollega	1,152,380.00	563,800.00	646,490.00	2,603,549.00	4,966,219.00	1,313,175.00	4,759,750.00	11,039,144.00
8	Guji	2,806,515.00	81,920.00	179,569.00	1,155,540.00	4,223,544.00	25,628.00	2,685,127.00	6,934,299.00
9	Horo Guduru Wollega	508,189.00	102,000.00	134,746.00	33,314,782.00	34,059,717.00	6,994.00	3,262,520.00	37,329,231.00
10	Ilu Aba Bora	1,408,919.00	64,752.00	294,446.00	1,963,485.00	3,731,602.00	73,717.00	2,142,840.00	5,948,159.00
11	Jimma	5,355,396.00	752,885.00	1,221,996.00	3,464,876.00	10,795,153.00	29,808.00	5,680,640.00	16,505,601.00
12	Kellem Wollega	1,160,130.00	438,500.00	285,080.00	1,903,743.00	3,787,453.00	10,000.00	3,912,430.00	7,709,883.00
13	North Shoa	123,309.00	140,514.00	294,723.00	3,059,566.00	3,618,112.00	19,936.00	2,827,120.00	6,465,168.00
14	OSZS Finfinne	1,133,600.00	674,425.00	289,300.00	1,349,544.00	3,446,869.00	371,605.00	808,730.00	4,627,204.00
15	South West Shoa	658,550.00	15,000.00	40,000.00	1,146,510.00	1,860,060.00	199,154.00	1,580,330.00	3,639,544.00
16	West Arsi	1,417,619.00	201,750.00	459,350.00	3,555,975.00	5,634,694.00	5,820.00	3,229,680.00	8,870,194.00
17	West Guji	1,373,231.00	45,000.00	93,200.00	593,241.00	2,104,672.00	31,141.00	2,244,768.00	4,380,581.00
18	West Hararge	1,069,700.00	80,412.00	496,864.00	1,287,472.00	2,934,448.00		2,828,808.00	5,763,256.00
19	West Shoa	1,902,397.00	121,640.00	320,224.00	5,067,788.00	7,412,049.00	306,755.00	5,913,360.00	13,632,164.00
20	West Wollega	2,585,614.00	520,408.00	998,462.00	2,987,936.00	7,092,420.00	12,119,659.00	7,265,540.00	26,477,619.00
21	Adama Admin Town	3,934,955.00	398,100.00	186,500.00	253,500.00	4,773,055.00		1,051,780.00	5,824,835.00
22	Ambo Admin Town	1,016,888.00			1,252,262.00	2,269,150.00		657,920.00	2,927,070.00
23	Asela Admin Town	432,088.00	60,000.00	35,000.00	270,883.00	797,971.00	8,000.00	711,690.00	1,517,661.00
24	Batu Admin Town	533,650.00			218,500.00	752,150.00		239,950.00	992,100.00
25	Bishan Guracha Admin Town	10,000.00			65,000.00	75,000.00		32,700.00	107,700.00
26	Bishoftu Admin Town	1,369,910.00	1,000.00	4,700.00	256,015.00	1,631,625.00		530,220.00	2,161,845.00
27	Burayu Admin Town	458,000.00			174,930.00	632,930.00		327,840.00	960,770.00
28	Dukem Admin Town	300,572.00			29,100.00	329,672.00		152,620.00	482,292.00
29	Gelan Admin Town				150,000.00	150,000.00		57,970.00	207,970.00
30	Holeta Admin Town				207,665.00	207,665.00		302,140.00	509,805.00
31	Jimma Admin Town	688,687.00	97,180.00	35,000.00	458,606.00	1,279,473.00	30,655.00	702,120.00	2,012,248.00
32	L/T/L/Dadhi Admin Town	16,000.00	60,000.00	24,000.00	324,799.00	424,799.00		103,680.00	528,479.00
33	Modjo Admin Town	785,238.00	218,240.00	160,257.00	337,125.00	1,500,860.00		210,090.00	1,710,950.00
34	Nekemte Admin Town	866,668.00	31,900.00	149,000.00	248,837.00	1,296,405.00		895,260.00	2,191,665.00
35	Robe Admin Town	317,600.00		1,000.00	194,677.00	513,277.00	10,302.00	437,080.00	960,659.00
36	Sebeta Admin Town	272,200.00	128,000.00	53,152.00	479,250.00	932,602.00		332,500.00	1,265,102.00
37	Shashamane Admin Town	881,729.00	70,400.00	44,140.00	1,388,507.00	2,384,776.00		705,560.00	3,090,336.00
38	Sululta Admin Town		48,070.00	5,000.00	150,598.00	203,668.00	56,000.00	138,460.00	398,128.00
39	Woliso Admin Town				61,000.00	61,000.00	263,908.00	421,840.00	746,748.00
Oromia		43,022,184.00	7,437,183.00	9,337,360.00	86,930,881.00	146,727,608.00	16,270,717.00	73,698,642.00	236,696,967.00

School Grant data Source; OEB GEQIP-E Coordination Unit

Table 3.2. 19. Non-Government Secondary Schools Budget from Community Contribution

Secondary Schools Non-Government Reveunes, 2013 (2020/21 G.C)								
SN	Zones/ Administrative Town	Community Contribution			Internal Income	Student fee	Other	Grand Total
		in cash	in kind	in labor				
1	East Hararge	100,000.00		50,000.00	50,000.00	129,600.00	1,194,800.00	1,524,400.00
2	East Shoa		17,000.00		29,000.00	7,024,607.00	24,800.00	7,095,407.00
3	Horo Guduru Wollega				8,000.00	113,500.00		121,500.00
4	Kelem Wollega				335,350.00	462,960.00	57,568.00	855,878.00
5	OSZS Finfinne				26,000.00	800,000.00		826,000.00
6	West Arsi				1,098,848.00	7,627,966.00	1,381,179.00	10,107,993.00
7	West Shoa				12,000.00	920,250.00	6,571,992.00	7,504,242.00
8	West Wollega	25,000.00	2,000.00	1,000.00	177,450.00	8,644,996.00	35,864.00	8,886,310.00
9	Adama Admin. Town	125,023.00			292,784.00	410,904,605.00	463,940.00	411,786,352.00
10	Ambo Admin. Town				21,000.00	3,027,000.00		3,048,000.00
11	Asela Admin. Town	400,800.00		30,000.00	50,000.00	2,130,550.00	70,000.00	2,681,350.00
12	Batu Admin. Town	5,884,713.00			2,798,267.00	3,747,108.00	5,829,338.00	18,259,426.00
13	Bishoftu Admin. Town				340,365.00	30,042,040.00	1,799,607.00	32,182,012.00
14	Burayu Admin. Town					12,525,140.00	300,000.00	12,825,140.00
15	Dukem Admin. Town				40,000.00	43,197,164.00	60,000.00	43,297,164.00
16	Jimma Admin. Town		78,750.00	175,000.00	129,400.00	29,270,205.00	15,000.00	29,668,355.00
17	Lega Tafo Lega Dadi Admin. Town					4,541,510.00		4,541,510.00
18	Mojo Admin Town					2,925,153.00	2,058,890.00	4,984,043.00
19	Nekemte Admin Town	246,636.00		3,627.00	149,886.00	4,840,210.00	609,735.00	5,850,094.00
20	Sebeta Admin. Town		30,000.00	76,000.00	382,497.00	28,214,925.00	860,000.00	29,563,422.00
21	Shashamane Admin. Town				131,000.00	21,700,230.00	168,078.00	21,999,308.00
Oromia		6,782,172.00	127,750.00	335,627.00	6,071,847.00	622,789,719.00	21,500,791.00	657,607,906.00

3.2.5. Secondary School (Grade 9-12) Inspection

The result of inspection for the last three years at secondary education at zonal, Administrative Towns and regional levels is indicated in table 3.2.20 below. Accordingly, out of a total of 1,296 secondary schools in the region, 1024 (79.0%) of them were inspected. Based on the standard of Ethiopian inspection framework, out of a total of 1,024 schools inspected, 60 (5.86%) of them ranked as level I, 748 (73.05%) as level II, and 216 (21.09%) as level III. But no secondary school in the region is yet ranked as level IV.

Table 3.2. 20 Secondary School Inspection Information

Secondary Schools Inspection information in 2013 (2020/21 G.C)														
SN	Zone/Admin Town/Woreda	Number of Secondary Schools	Number of Inspected Secondary Schools till this Year	% of Inspected Secondary Schools Till This Year	Secondary Schools Inspection Rank								Not Inspected Secondary Schools	
					Level I		Level II		Level III		Level IV			
					No	%	No	%	No	%	No	%	No	%
1	Arsi	95	85	89.5	10	11.8	64	75.3	11	12.9	0	0	10	10.5
2	Bale	39	37	94.9	2	5.4	30	81.1	5	13.5	0	0	2	5.1
3	Borena	32	27	84.4	1	3.7	20	74.1	6	22.2	0	0	5	15.6
4	Buno Beddelle	34	19	55.9	3	15.8	14	73.7	2	10.5	0	0	15	44.1
5	East Balee	22	20	90.9		0.0	18	90.0	2	10.0	0	0	2	9.1
6	East Hararge	59	53	89.8	3	5.7	32	60.4	18	34.0	0	0	6	10.2
7	East Shoa	49	45	91.8		0.0	40	88.9	5	11.1	0	0	4	8.2
8	East Wollega	73	69	94.5	2	2.9	47	68.1	20	29.0	0	0	4	5.5
9	Guji	50	36	72.0	2	5.6	28	77.8	6	16.7	0	0	14	28.0
10	Horo Guduru Wollega	52	50	96.2	5	10.0	34	68.0	11	22.0	0	0	2	3.8
11	Illu Aba Bora	49	37	75.5		0.0	29	78.4	8	21.6	0	0	12	24.5
12	Jimma	104	75	72.1	5	6.7	52	69.3	18	24.0	0	0	29	27.9
13	Kellem Wollega	50	27	54.0	1	3.7	24	88.9	2	7.4	0	0	23	46.0
14	North Shoa	50	43	86.0	3	7.0	35	81.4	5	11.6	0	0	7	14.0
15	OSZS Finfinne	23	21	91.3	2	9.5	16	76.2	3	14.3	0	0	2	8.7
16	South West Shoa	30	24	80.0	1	4.2	19	79.2	4	16.7	0	0	6	20.0
17	West Arsi	61	54	88.5	2	3.7	45	83.3	7	13.0	0	0	7	11.5
18	West Guji	37	23	62.2	6	26.1	14	60.9	3	13.0	0	0	14	37.8
19	West Hararge	50	43	86.0	0	0.0	31	72.1	12	27.9	0	0	7	14.0
20	West Shoa	79	51	64.6	2	3.9	36	70.6	13	25.5	0	0	28	35.4
21	West Wollega	101	72	71.3	5	6.9	50	69.4	17	23.6	0	0	29	28.7
22	Adama Admin Town	30	11	36.7	0	0.0	9	81.8	2	18.2	0	0	19	63.3
23	Ambo Admin Town	7	5	71.4	3	60.0	2	40.0	0	0.0	0	0	2	28.6
24	Asela Admin Town	11	10	90.9	1	10.0	4	40.0	5	50.0	0	0	1	9.1
25	Batu Admin Town	6	6	100.0	0	0.0	6	100.0	0	0.0	0	0	0	0.0
26	Bishan Guracha Admin Town	1	1	100.0	0	0.0	1	100.0		0.0	0	0	0	0.0
27	Bishoftu Admin Town	14	11	78.6	0	0.0	1	9.1	10	90.9	0	0	3	21.4
28	Burayu Admin Town	9	5	55.6	1	20.0	3	60.0	1	20.0	0	0	4	44.4
29	Dukem Admin Town	5	5	100.0	0	0.0	5	100.0	0	0.0	0	0	0	0.0
30	Gelan Admin Town	1	1	100.0	0	0.0	1	100.0	0	0.0	0	0	0	0.0
31	Holeta Admin Town	3	2	66.7	0	0.0	2	100.0	0	0.0	0	0	1	33.3
32	Jimma Admin Town	15	11	73.3	0	0.0	8	72.7	3	27.3	0	0	4	26.7
33	L/T/L/Dadhi Admin Town	4	3	75.0	0	0.0	0	0.0	3	100.0	0	0	1	25.0
34	Modjo Admin Town	5	3	60.0	0	0.0	3	100.0	0	0.0	0	0	2	40.0
35	Nekemte Admin Town	13	10	76.9	0	0.0	6	60.0	4	40.0	0	0	3	23.1
36	Robe Admin Town	3	3	100.0	0	0.0	1	33.3	2	66.7	0	0	0	0.0
37	Sebeta Admin Town	13	10	76.9	0	0.0	9	90.0	1	10.0	0	0	3	23.1
38	Shashamane Admin Town	12	12	100.0	0	0.0	5	41.7	7	58.3	0	0	0	0.0
39	Sululta Admin Town	1	1	100.0	0	0.0	1	100.0	0	0.0	0	0	0	0.0
40	Woliso Admin Town	4	3	75.0	0	0.0	3	100.0	0	0.0	0	0	1	25.0
Oromia		1296	1024	79.0	60	5.9	748	73.0	216	21.1	0	0	272	21.0

Source: OEB Inspection Directorate

3.3. Internal Efficiency in Secondary Education

3.3.1. Secondary Education Dropout and Repetition Rates

As indicated in table 3.3.2 below, grade 9 Repetition Rate (RR) was 3.4 (M=3.7%, F=3.1%) by 2013 (2020/21 G.C.) at regional level. However; Zones and administrative towns were registered different average value than the region. For instance, Bishan Guracha, Burayu, and Gelan administrative towns have the lowest RR, which is 0.0%, On the other hand, Sululta and Woliso administrative towns as well as Kelem Wollega zone were with the highest repetition rate by having (8.7%, 8.1% and 5.5%) respectively. In the same way, the regional level grade 10 RR was 1.9% (M= 2.1, F=1.7) by 2013(2020/2021G.C). However, zones and Administrative Town were registered their RR differently. For instance, Woliso, Sululta and Dukem administrative towns have highest repetition rate of 3.6%, 3.4% and 3.3% respectively.

Likewise, the regional level grade 11 RR was 1.5% (M=1.5%, F=1.5%) by 2013 (2020/21 G.C.), however, Zones and Administrative Town were registered their RR differently. For instance, Dukem, Woliso, and Burayu administrative towns have the highest with their repetition rates of 8.5%, 4.5% and 3.7% respectively.

As shown from table 3.3.3 grade 9, 10 and 11 Regional level Dropout Rate (DR) were 20.8% (M=23.7%, F=17.1%), 9.3% (M=10.1, F= 8.1) and 18.7% (M =21.2%, F=15.1%), respectively. The zonal and administrative towns DR were also registered as higher as or lower than the region. For example; Shashamane Administrative Town, Guji and West Arsi zones have largest dropout rate of grade 9, which is (28%, 27.9% and 26.5%), respectively. In the same way, the highest dropout rates (DR) for grade 10 (18.8%, 18.6%, 18.6%) were in Shashamane Administrative Town, West Guji and Buno Bedelle zones respectively. In a similar way, in grade 11 Bishan Guracha and Burayu towns as well as South west Shoa zone registered the highest dropout rate (51.9%, 39.7% and 30.7%) respectively. Contrariwise, the least dropout rate of grade 11 registered as (1.5%, 3.4%, and 5%) in Dukem, Ambo and Asela Administrative Towns respectively.

Table 3.3. 1 Secondary Education Promotion Rate by Zone

Secondary Education Promotion Rate by Zone 2012/13(2019/20-2020/21 G.C.)																
SN	Zone/Administrative Towns	Promotion Rate														
		Grade 9			Grade 10			Grade (9-10)			Grade 11			Grade (9-11)		
		M	F	T										M	F	T
1	Arsi	66.4	75.1	70.2	83.0	84.6	83.6	72.1	78.1	74.7	74.8	83.8	78.0	72.8	79.3	75.5
2	Bale	66.5	80.4	72.6	87.6	88.8	88.1	73.7	83.2	77.8	72.0	82.0	76.1	73.2	82.9	77.3
3	Borena	81.9	88.6	84.9	95.0	96.0	96.0	89.4	94.0	91.5	83.4	86.7	84.8	87.4	91.6	89.3
4	Buno Beddelle	69.5	77.4	73.2	78.1	82.3	80.0	72.7	79.2	75.7	78.1	84.9	81.2	74.3	80.9	77.3
5	East Bale	72.5	71.4	72.1	96.8	92.4	95.1	81.2	78.2	80.0	74.6	79.7	76.6	79.1	78.7	78.9
6	East Hararge	72.2	79.7	74.4	82.4	89.9	84.6	76.3	83.8	78.5	80.4	83.3	81.2	77.3	83.7	79.2
7	East Shoa	71.6	83.3	77.1	86.5	85.0	85.8	76.7	83.9	80.0	68.9	80.3	73.3	74.7	83.1	78.4
8	East Wollega	76.8	81.8	79.2	96.0	93.0	96.5	84.6	85.2	84.9	80.0	83.4	81.4	82.9	84.6	83.7
9	Guji	67.4	72.6	69.2	81.7	79.2	80.9	73.3	75.3	74.0	73.0	79.2	74.7	73.2	76.3	74.2
10	Horo Guduru Wollega	83.5	89.1	86.2	96.0	95.0	95.0	90.2	93.4	91.7	86.6	91.7	88.7	88.7	92.8	90.6
11	Ilu Aba Bora	68.9	72.2	70.5	87.5	86.1	86.8	75.5	76.9	76.1	72.7	75.3	73.9	74.5	76.3	75.3
12	Jimma	71.6	74.8	73.2	81.0	83.9	82.4	75.5	78.5	77.0	80.9	81.5	81.2	77.1	79.4	78.2
13	Kellem Wollega	66.6	71.2	68.7	93.5	94.8	94.0	77.3	80.0	78.5	76.0	79.8	77.6	76.8	80.0	78.2
14	North Shoa	71.5	80.5	75.8	83.2	87.6	85.0	75.3	82.5	78.6	78.3	83.5	80.5	76.3	82.8	79.2
15	OSZS Finfinne	84.5	87.9	86.0	86.4	93.0	89.3	85.2	89.8	87.3	80.7	85.4	82.6	84.1	88.9	86.2
16	South West Shoa	74.1	82.2	77.5	85.3	93.3	88.3	78.3	86.0	81.4	63.7	75.5	67.9	73.8	83.2	77.4
17	West Arsi	68.4	73.0	70.3	83.3	84.6	83.9	74.5	77.7	75.8	74.5	78.6	75.9	74.5	77.9	75.8
18	West Guji	67.6	75.2	70.0	76.4	84.9	79.2	71.3	79.4	73.8	75.1	82.9	77.4	72.6	80.5	75.0
19	West Hararge	71.4	77.8	73.4	81.9	87.6	83.8	75.7	81.9	77.8	69.7	72.1	70.4	74.1	79.5	75.9
20	West Shoa	75.4	83.9	79.3	89.5	92.8	90.8	80.3	86.4	83.0	80.2	90.8	84.6	80.3	87.8	83.5
21	West Wollega	76.8	84.4	80.3	94.9	94.2	94.6	83.6	87.7	85.5	78.1	83.8	80.5	81.4	86.3	83.6
22	Adama Admin Town	75.1	84.3	79.9	92.3	94.4	93.5	82.1	88.6	85.6	77.0	89.0	82.9	80.8	88.7	84.9
23	Ambo Admin Town	87.6	91.4	89.5	96.7	94.1	95.4	91.5	92.4	92.0	96.0	95.0	96.0	93.6	94.8	94.2
24	Asela Admin Town	79.2	85.3	82.2	89.3	75.0	82.6	83.6	81.0	82.4	89.6	98.0	94.8	85.5	86.6	86.0
25	Batu Admin Town	80.4	82.2	81.2	95.0	96.0	96.0	89.9	89.4	89.7	88.0	88.9	88.4	89.3	89.3	89.3
26	Bishan Guracha Admin Town	78.2	95.0	87.4	96.0	95.0	96.0	91.7	98.0	99.2	50.0	46.3	48.1	83.0	91.2	86.4
27	Bishoftu Admin Town	85.1	84.6	84.8	96.3	92.3	94.1	89.2	87.2	88.1	69.9	80.5	74.9	83.3	85.6	84.5
28	Burayu Admin Town	82.7	88.8	86.1	95.0	96.0	96.0	97.9	96.0	96.9	46.1	67.8	56.6	75.1	85.4	80.5
29	Dukem Admin Town	76.4	88.1	83.2	93.0	94.0	94.0	84.9	90.8	88.3	90.0	89.0	90.0	90.0	92.8	91.6
30	Gelan Admin Town	84.9	91.6	88.5	95.0	96.0	96.0	89.7	94.8	92.4	91.3	93.6	92.3	90.1	94.6	92.4
31	Holeta Admin Town	76.1	84.1	80.1	78.7	95.0	89.5	77.0	89.5	83.0	84.9	93.7	88.6	79.1	90.4	84.4
32	Jimma Admin Town	87.9	89.2	88.6	95.0	96.0	96.0	98.0	97.0	97.0	71.9	77.9	74.8	93.2	93.5	93.4
33	L/T/L/Dadhi Admin Town	83.0	86.6	84.9	99.3	96.1	97.8	89.1	89.4	89.2	76.5	92.0	82.7	84.7	90.1	87.3
34	Modjo Admin Town	67.7	80.7	74.8	87.5	93.1	90.5	74.6	85.0	80.3	84.5	96.7	90.8	76.6	87.1	82.3
35	Nekemte Admin Town	71.3	83.1	77.5	97.3	97.0	98.0	81.8	89.7	86.0	85.8	90.9	88.3	83.5	90.2	86.9
36	Robe Admin Town	69.3	79.5	74.0	85.7	92.0	92.3	74.5	86.2	80.0	86.5	84.3	85.5	78.0	85.6	81.6
37	Sebeta Admin Town	77.2	79.0	78.1	90.0	96.0	94.8	82.0	86.8	84.5	79.0	92.0	85.1	81.2	87.9	84.7
38	Shashamane Admin Town	69.7	73.2	71.3	80.2	81.6	80.8	73.8	76.5	75.0	80.4	85.5	82.5	75.7	78.8	77.1
39	Sululta Admin Town	71.2	79.1	75.4	84.1	84.0	84.0	76.6	81.2	79.0	92.4	76.8	84.9	80.7	80.2	80.5
40	Woliso Admin Town	81.8	87.5	84.4	95.0	94.0	95.0	91.7	96.4	93.9	68.8	74.2	71.1	83.9	89.8	86.6
Oromia		72.6	79.7	75.8	87.9	90.2	88.9	78.4	83.5	80.6	77.3	83.4	79.8	78.1	83.5	80.4

Table 3.3. 2 Secondary Education Repetition Rate by Zone

Secondary Education Repetition Rate by Zone, 2012/13 (2019/20-2020/21) G.C.)																
	Zone /Administrative town	Repetition Rate														
		Grdae 9			Grdae 10 *			Grade (9-10)			Grade 11			Grade (9-11)		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	4.2	4.0	4.1	2.2	1.9	2.1	3.3	2.9	3.1	1.1	0.9	1.0	2.7	2.5	2.6
2	Bale	1.8	1.6	1.7	1.1	0.8	1.0	1.5	1.2	1.3	1.3	1.1	1.2	1.4	1.2	1.3
3	Borena	2.4	2.6	2.5	2.1	1.9	2.0	2.2	2.2	2.2	1.0	1.1	1.1	1.9	1.9	1.9
4	Buno Beddelle	2.3	1.8	2.1	1.6	1.3	1.4	1.9	1.5	1.7	1.9	1.8	1.9	1.9	1.6	1.8
5	East Balee	2.6	2.8	2.7	1.4	1.3	1.4	2.0	2.0	2.0	0.8	1.2	0.9	1.7	1.8	1.7
6	East Hararge	5.8	3.8	5.2	2.9	2.6	2.8	4.4	3.2	4.0	1.7	1.5	1.6	3.6	2.7	3.3
7	East Shoa	1.4	1.1	1.3	1.2	0.7	0.9	1.3	0.9	1.1	1.4	1.1	1.3	1.3	0.9	1.1
8	East Wollega	4.3	4.8	4.5	2.1	1.9	2.0	3.1	3.1	3.1	2.0	2.4	2.1	2.8	2.9	2.8
9	Guji	3.0	2.9	2.9	2.1	2.1	2.1	2.5	2.5	2.5	1.0	0.8	0.9	2.1	2.1	2.1
10	Horo Guduru Wollega	1.9	1.4	1.6	1.0	0.8	0.9	1.4	1.0	1.2	1.0	1.0	1.0	1.3	1.0	1.2
11	Illu Aba Bora	3.7	2.7	3.2	1.5	1.1	1.3	2.5	1.8	2.2	0.8	0.7	0.8	2.0	1.5	1.8
12	Jimma	4.7	4.4	4.5	2.6	2.1	2.3	3.6	3.2	3.4	1.3	1.1	1.2	3.0	2.6	2.8
13	Kellem Wollega	6.2	4.6	5.5	3.4	2.3	2.9	4.8	3.4	4.1	1.8	1.8	1.8	3.8	2.9	3.4
14	North Shoa	4.2	2.6	3.5	1.0	0.8	0.9	2.5	1.6	2.1	1.9	1.8	1.9	2.4	1.6	2.0
15	OSZS Finfinne	3.7	3.6	3.7	2.3	2.3	2.3	3.0	2.9	3.0	1.4	1.2	1.3	2.7	2.5	2.6
16	South West Shoa	4.6	4.7	4.7	2.7	2.2	2.5	3.6	3.4	3.5	1.4	1.5	1.4	3.1	3.0	3.0
17	West Arsi	3.3	3.1	3.2	2.5	2.7	2.6	2.9	2.9	2.9	1.5	1.8	1.6	2.6	2.6	2.6
18	West Guji	3.8	3.4	3.7	2.3	2.0	2.2	3.1	2.7	3.0	0.9	1.2	1.0	2.5	2.3	2.4
19	West Hararge	2.3	2.6	2.4	2.3	2.4	2.4	2.3	2.5	2.4	2.1	1.9	2.0	2.3	2.4	2.3
20	West Shoa	3.6	3.6	3.6	2.6	2.1	2.4	3.1	2.8	2.9	2.7	3.7	3.1	3.0	3.0	3.0
21	West Wollega	3.8	3.8	3.8	2.0	1.7	1.8	2.8	2.6	2.7	1.6	2.0	1.7	2.5	2.5	2.5
22	Adama Admin Town	0.8	0.7	0.8	0.3	0.2	0.3	0.6	0.4	0.5	0.5	0.4	0.5	0.6	0.4	0.5
23	Ambo Admin Town	2.7	1.8	2.2	1.9	1.2	1.5	2.3	1.4	1.9	0.6	0.5	0.6	1.8	1.2	1.5
24	Asela Admin Town	2.8	1.7	2.2	0.9	0.7	0.8	1.8	1.2	1.5	0.2	0.3	0.2	1.3	1.0	1.1
25	Batu Admin Town	0.5	0.2	0.4	0.9	0.7	0.8	0.7	0.5	0.6	1.8	2.0	1.9	1.0	0.9	0.9
26	Bishan Guracha Admin Town	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
27	Bishoftu Admin Town	3.3	1.2	2.2	0.5	0.5	0.5	1.7	0.8	1.2	0.7	0.4	0.6	1.5	0.7	1.1
28	Burayu Admin Town	0.0	0.0	0.0	2.0	2.6	2.4	1.2	1.5	1.3	3.5	3.9	3.7	2.0	2.2	2.1
29	Dukem Admin Town	7.1	3.8	5.4	5.0	2.3	3.3	6.0	2.9	4.2	8.9	8.1	8.5	6.7	4.0	5.2
30	Gelan Admin Town	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
31	Holeta Admin Town	0.9	1.8	1.3	1.9	2.3	2.1	1.5	2.1	1.8	0.9	2.5	1.7	1.3	2.2	1.8
32	Jimma Admin Town	0.7	0.7	0.7	0.6	0.9	0.8	0.6	0.9	0.8	0.7	0.3	0.5	0.7	0.6	0.6
33	L/T/L/Dadhi Admin Town	0.4	0.0	0.2	0.0	0.8	0.5	0.2	0.5	0.4	0.7	0.9	0.8	0.3	0.6	0.5
34	Modjo Admin Town	6.1	2.7	4.1	4.0	2.0	2.9	5.0	2.3	3.4	0.0	0.0	0.0	3.6	1.7	2.5
35	Nekemte Admin Town	1.2	1.6	1.4	0.6	0.5	0.6	0.9	1.0	1.0	0.3	0.1	0.2	0.7	0.7	0.7
36	Robe Admin Town	5.1	5.7	5.4	0.7	0.6	0.7	2.7	2.9	2.8	0.0	0.0	0.0	2.1	2.2	2.1
37	Sebeta Admin Town	1.1	0.8	0.9	2.1	1.4	1.7	1.7	1.1	1.4	0.1	0.1	0.1	1.2	0.8	1.0
38	Shashamanne Admin Town	0.8	0.7	0.8	0.3	0.4	0.4	0.6	0.5	0.6	0.5	0.8	0.6	0.5	0.6	0.6
39	Sululta Admin Town	10.7	7.0	8.7	4.3	2.6	3.4	7.8	4.9	6.2	3.5	2.7	3.1	6.5	4.3	5.3
40	Woliso Admin Town	11.4	4.6	8.1	4.4	2.6	3.6	7.7	3.5	5.7	4.6	4.4	4.5	6.8	3.8	5.3
Oromia		3.7	3.1	3.4	2.1	1.7	1.9	2.8	2.4	2.6	1.5	1.5	1.5	2.5	2.1	2.3

Table 3.3. 3 Secondary education Dropout Rate by Zone

Secondary Education Dropout Rate by Zone, 2012/13 (2019/20-2020/21) G.C.)																
	Zone /Administrative town	Dropout Rate														
		Grdae 9			Grdae 10 *			Grade (9-10)			Grade 11			Grade (9-11)		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	29.4	20.9	25.7	14.8	13.5	14.3	24.6	19.0	22.2	24.1	15.3	21.0	24.4	18.2	21.9
2	Bale	31.7	18.0	25.7	11.3	10.4	10.9	24.9	15.6	20.9	26.7	16.9	22.7	25.4	15.9	21.4
3	Borena	15.7	8.8	12.7	2.9	2.1	2.0	8.3	3.7	6.3	15.7	12.1	14.1	10.7	6.5	8.8
4	Buno Beddelle	28.1	20.8	24.7	20.4	16.4	18.6	25.4	19.3	22.6	20.0	13.3	17.0	23.8	17.5	20.9
5	East Balee	24.9	25.8	25.3	1.8	6.2	3.5	16.8	19.7	18.0	24.6	19.2	22.5	19.3	19.5	19.4
6	East Hararge	21.9	16.5	20.4	14.7	7.5	12.6	19.3	13.0	17.5	17.9	15.2	17.2	19.0	13.6	17.5
7	East Shoa	26.9	15.6	21.7	12.3	14.3	13.2	22.0	15.2	18.9	29.7	18.5	25.4	24.0	15.9	20.4
8	East Wollega	18.9	13.4	16.3	1.9	5.1	1.5	12.3	11.7	12.0	18.1	14.3	16.4	14.3	12.5	13.5
9	Guji	29.6	24.5	27.9	16.1	18.7	17.0	24.1	22.2	23.5	26.1	20.0	24.3	24.7	21.6	23.7
10	Horo Guduru Wollega	14.6	9.5	12.1	3.0	4.2	4.1	8.4	5.5	7.0	12.5	7.4	10.3	10.0	6.2	8.3
11	Ilu Aba Bora	27.4	25.1	26.3	11.1	12.8	11.9	22.0	21.3	21.7	26.5	24.0	25.3	23.5	22.1	22.9
12	Jimma	23.7	20.8	22.3	16.4	14.0	15.3	20.9	18.2	19.6	17.8	17.4	17.6	20.0	18.0	19.0
13	Kellem Wollega	27.1	24.2	25.8	3.2	2.8	3.1	18.0	16.5	17.4	22.1	18.4	20.6	19.4	17.1	18.4
14	North Shoa	24.3	16.9	20.8	15.8	11.6	14.1	22.1	15.9	19.3	19.8	14.7	17.6	21.3	15.6	18.8
15	OSZS Finfinne	11.8	8.5	10.3	11.3	4.7	8.4	11.8	7.3	9.7	17.9	13.4	16.1	13.2	8.6	11.2
16	South West Shoa	21.3	13.0	17.8	12.0	4.5	9.2	18.1	10.6	15.1	34.9	23.0	30.7	23.2	13.8	19.5
17	West Arsi	28.3	23.9	26.5	14.2	12.7	13.6	22.6	19.4	21.3	24.0	19.7	22.5	23.0	19.5	21.6
18	West Guji	28.6	21.4	26.4	21.3	13.1	18.6	25.6	17.8	23.2	24.0	15.9	21.6	24.9	17.2	22.6
19	West Hararge	26.3	19.6	24.1	15.8	10.0	13.9	21.9	15.6	19.8	28.2	26.0	27.5	23.6	18.1	21.8
20	West Shoa	20.9	12.5	17.1	7.9	5.0	6.8	16.6	10.8	14.1	17.1	5.5	12.3	16.7	9.2	13.5
21	West Wollega	19.4	11.8	15.8	3.1	4.0	3.5	13.6	9.6	11.8	20.3	14.2	17.8	16.2	11.2	14.0
22	Adama Admin Town	24.1	15.0	19.3	7.4	5.3	6.3	17.3	11.0	13.9	22.4	10.5	16.6	18.6	10.9	14.6
23	Ambo Admin Town	9.7	6.9	8.2	1.4	4.8	3.0	6.2	6.1	6.2	3.4	4.5	3.4	4.6	4.0	4.3
24	Asela Admin Town	18.0	13.0	15.6	9.7	24.3	16.6	14.6	17.8	16.2	10.2	1.7	5.0	13.2	12.4	12.9
25	Batu Admin Town	19.1	17.6	18.4	4.1	3.3	3.2	9.4	10.1	9.7	10.2	9.1	9.7	9.8	9.8	9.8
26	Bishan Guracha Admin Town	21.8	5.0	12.6	4.0	5.0	4.0	8.3	2.0	0.8	50.0	53.7	51.9	17.0	8.8	13.6
27	Bishoftu Admin Town	11.5	14.2	13.0	3.2	7.1	5.3	9.0	11.9	10.6	29.3	19.1	24.5	15.3	13.7	14.4
28	Burayu Admin Town	17.3	11.2	13.9	3.0	1.4	1.6	0.9	2.5	1.8	50.4	28.3	39.7	22.8	12.4	17.4
29	Dukem Admin Town	16.5	8.1	11.4	2.0	3.7	2.7	9.1	6.2	7.5	1.1	2.9	1.5	3.3	3.2	3.3
30	Gelan Admin Town	15.1	8.4	11.5	5.0	4.0	4.0	10.3	5.2	7.6	8.7	6.4	7.7	9.9	5.4	7.6
31	Holeta Admin Town	23.0	14.1	18.6	19.4	2.7	8.3	21.6	8.4	15.2	14.3	3.8	9.6	19.5	7.4	13.8
32	Jimma Admin Town	11.4	10.1	10.7	4.4	3.1	3.2	1.4	2.1	2.2	27.4	21.8	24.7	6.2	5.8	6.0
33	L/T/L/Dadhi Admin Town	16.6	13.4	14.9	0.7	3.0	1.7	10.8	10.1	10.4	22.7	7.2	16.5	15.0	9.4	12.3
34	Modjo Admin Town	26.2	16.7	21.1	8.4	4.9	6.6	20.4	12.7	16.3	15.5	3.3	9.2	19.8	11.2	15.2
35	Nekemte Admin Town	27.5	15.3	21.1	2.1	2.5	1.4	17.2	9.3	13.1	13.9	9.0	11.5	15.8	9.1	12.4
36	Robe Admin Town	25.6	14.8	20.6	13.7	7.4	7.0	22.7	10.9	17.2	13.5	15.7	14.5	19.9	12.2	16.3
37	Sebeta Admin Town	21.7	20.2	20.9	7.9	2.6	3.5	16.3	12.1	14.1	20.9	7.9	14.8	17.5	11.3	14.3
38	Shashamane Admin Town	29.5	26.1	28.0	19.4	18.0	18.8	25.6	23.0	24.4	19.1	13.7	16.9	23.7	20.6	22.3
39	Sululta Admin Town	18.1	13.9	15.9	11.6	13.4	12.6	15.6	13.9	14.7	4.1	20.5	12.0	12.7	15.5	14.2
40	Woliso Admin Town	6.7	7.9	7.5	0.6	3.4	1.4	0.6	0.1	0.4	26.6	21.4	24.4	9.3	6.4	8.1
Oromia		23.7	17.1	20.8	10.1	8.1	9.3	18.7	14.1	16.7	21.2	15.1	18.7	19.5	14.4	17.3

Table 3.3. 4 Secondary Education Repeater Students by Grade

Secondary Education Repeaters Students in 2013 (2020/21 G.C.)																
	Zone /Administrative town	Repeaters														
		Grdae 9			Grdae 10 *			Grade 11			Grade 12 *			Grade 9-12		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	701	553	1254	352	257	609	114	66	180	49	36	85	1216	912	2128
2	Bale	91	66	157	55	37	92	43	28	71	4	0	4	193	131	324
3	Borena	57	51	108	48	37	85	20	19	39	16	11	27	141	118	259
4	Buno Beddelle	101	74	175	76	59	135	60	53	113	1	0	1	238	186	424
5	East Bale	74	49	123	39	27	66	17	16	33	3	1	4	133	93	226
6	East Hararge	859	276	1135	444	183	627	198	81	279	116	40	156	1617	580	2197
7	East Shoa	75	58	133	71	41	112	51	32	83	29	21	50	226	152	378
8	East Wollega	416	379	795	234	204	438	157	131	288	99	65	164	906	779	1685
9	Guji	253	138	391	172	96	268	65	28	93	21	6	27	511	268	779
10	Horo Guduru Wollega	134	84	218	76	62	138	57	45	102	44	32	76	311	223	534
11	llu Aba Bora	186	116	302	86	61	147	32	23	55	5	5	10	309	205	514
12	Jimma	655	619	1274	373	308	681	150	128	278	38	49	87	1216	1104	2320
13	Kellem Wollega	501	307	808	286	173	459	140	103	243	54	57	111	981	640	1621
14	North Shoa	268	148	416	74	57	131	80	56	136	24	24	48	446	285	731
15	OSZS Finfinne	106	87	193	65	56	121	25	18	43	6	5	11	202	166	368
16	South West Shoa	226	175	401	137	91	228	48	35	83	13	6	19	424	307	731
17	West Arsi	354	242	596	231	189	420	119	97	216	46	35	81	750	563	1313
18	West Guji	279	136	415	152	67	219	46	34	80	14	7	21	491	244	735
19	West Hararge	209	130	339	212	118	330	154	78	232	82	45	127	657	371	1028
20	West Shoa	542	427	969	419	323	742	272	248	520	106	65	171	1339	1063	2402
21	West Wollega	555	470	1025	334	285	619	201	191	392	97	101	198	1187	1047	2234
22	Adama Admin Town	28	27	55	11	11	22	17	17	34	9	9	18	65	64	129
23	Ambo Admin Town	42	27	69	31	21	52	8	6	14	1	1	2	82	55	137
24	Asela Admin Town	44	32	76	18	14	32	3	4	7	3	3	6	68	53	121
25	Batu Admin Town	5	2	7	10	7	17	14	13	27	19	11	30	48	33	81
26	Bishan Guracha Admin Town	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Bishoftu Admin Town	51	23	74	11	14	25	10	6	16	5	4	9	77	47	124
28	Burayu Admin Town	0	0	0	18	31	49	30	35	65	0	0	0	48	66	114
29	Dukem Admin Town	34	21	55	26	19	45	28	29	57	3	2	5	91	71	162
30	Gelan Admin Town	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Holeta Admin Town	6	13	19	18	24	42	4	13	17	1	0	1	29	50	79
32	Jimma Admin Town	12	16	28	12	22	34	17	7	24	4	4	8	45	49	94
33	L/T/L/Dadhi Admin Town	1	0	1	0	4	4	2	2	4	0	0	0	3	6	9
34	Modjo Admin Town	35	21	56	28	20	48	0	0	0	1	0	1	64	41	105
35	Nekemte Admin Town	19	29	48	11	12	23	5	2	7	4	10	14	39	53	92
36	Robe Admin Town	57	61	118	9	8	17	0	0	0	0	0	0	66	69	135
37	Sebeta Admin Town	11	9	20	32	24	56	1	1	2	3	1	4	47	35	82
38	Shashamane Admin Town	19	15	34	9	9	18	9	14	23	0	0	0	37	38	75
39	Sululta Admin Town	46	36	82	16	12	28	11	10	21	0	0	0	73	58	131
40	Woliso Admin Town	132	51	183	60	31	91	48	45	93	0	0	0	240	127	367
Oromia		7184	4968	12152	4256	3014	7270	2256	1714	3970	920	656	1576	14616	10352	24968

Table 3.3. 5 Secondary education Readmitted Students by grade

Secondary Education Readmitters Students by Grade in 2013 (2020/21 G.C.)																
	Zone /Administrative town	Readmitters														
		Grdae 9			Grdae 10			Grade 11			Grade 12			Grade 9-12		
		M	F	T	M	F	T	M	F	T	M	F	T	M	F	T
1	Arsi	119	187	306	107	135	242	52	134	186	8	16	24	286	472	758
2	Bale	54	55	109	34	41	75	51	89	140	7	8	15	146	193	339
3	Borena	11	19	30	4	11	15	28	32	60	0	0	0	43	62	105
4	Buno Beddelle	15	23	38	19	22	41	9	14	23	0	0	0	43	59	102
5	East Bale	8	17	25	7	9	16	77	120	197	0	1	1	92	147	239
6	East Hararge	57	148	205	53	142	195	58	138	196	27	56	83	195	484	679
7	East Shoa	16	23	39	23	44	67	4	9	13	5	3	8	48	79	127
8	East Wollega	66	77	143	57	70	127	69	108	177	15	29	44	207	284	491
9	Guji	59	121	180	43	53	96	7	42	49	14	30	44	123	246	369
10	Horo Guduru Wollega	23	40	63	22	37	59	13	20	33	57	95	152	115	192	307
11	Ilu Aba Bora	37	53	90	16	18	34	15	31	46	4	8	12	72	110	182
12	Jimma	110	166	276	87	104	191	102	138	240	91	98	189	390	506	896
13	Kellem Wollega	115	161	276	68	92	160	40	78	118	20	20	40	243	351	594
14	North Shoa	39	45	84	26	36	62	17	34	51	3	19	22	85	134	219
15	OSZS Finfinne	8	15	23	1	6	7	1	0	1	2	4	6	12	25	37
16	South West Shoa	44	62	106	36	38	74	3	8	11	1	4	5	84	112	196
17	West Arsi	47	79	126	48	87	135	22	51	73	43	130	173	160	347	507
18	West Guji	73	169	242	56	94	150	12	19	31	0	0	0	141	282	423
19	West Hararge	46	79	125	52	77	129	31	54	85	22	36	58	151	246	397
20	West Shoa	69	117	186	75	99	174	62	83	145	31	37	68	237	336	573
21	West Wollega	110	171	281	66	88	154	89	112	201	193	236	429	458	607	1065
22	Adama Admin Town	12	23	35	4	6	10	7	7	14	2	6	8	25	42	67
23	Ambo Admin Town	3	1	4	1	0	1	0	2	2	0	0	0	4	3	7
24	Asela Admin Town	6	6	12	2	0	2	0	0	0	0	0	0	8	6	14
25	Batu Admin Town	12	21	33	10	28	38	29	29	58	1	7	8	52	85	137
26	Bishan Guracha Admin Town	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Bishoftu Admin Town	1	2	3	5	3	8	0	0	0	0	1	1	6	6	12
28	Burayu Admin Town	0	0	0	4	5	9	1	3	4	4	5	9	9	13	22
29	Dukem Admin Town	1	2	3	1	1	2	1	3	4	0	0	0	3	6	9
30	Gelan Admin Town	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	Holeta Admin Town	2	1	3	7	7	14	0	0	0	0	1	1	9	9	18
32	Jimma Admin Town	2	3	5	4	7	11	4	4	8	3	4	7	13	18	31
33	L/T/L/Dadhi Admin Town	0	5	5	1	0	1	0	0	0	0	0	0	1	5	6
34	Modjo Admin Town	3	4	7	1	3	4	0	0	0	0	0	0	4	7	11
35	Nekemte Admin Town	5	10	15	9	3	12	2	3	5	2	4	6	18	20	38
36	Robe Admin Town	2	1	3	5	2	7	0	0	0	0	0	0	7	3	10
37	Sebeta Admin Town	1	2	3	8	10	18	1	1	2	0	0	0	10	13	23
38	Shashamane Admin Town	10	6	16	16	20	36	14	16	30	0	0	0	40	42	82
39	Sululta Admin Town	4	3	7	1	1	2	5	10	15	0	0	0	10	14	24
40	Woliso Admin Town	7	13	20	2	5	7	0	0	0	0	0	0	9	18	27
Oromia		1197	1930	3127	981	1404	2385	826	1392	2218	555	858	1413	3559	5584	9143

CHAPTER FOUR

Non-Formal Education

Under this chapter we attempted to address the data of Alternative Basic Education (ABE) and Integrated functional adult literacy (IFAL) programs.

4.1. Alternative Basic Education /ABE/

4.1.1. Alternative Basic Education /ABE/ Institutions

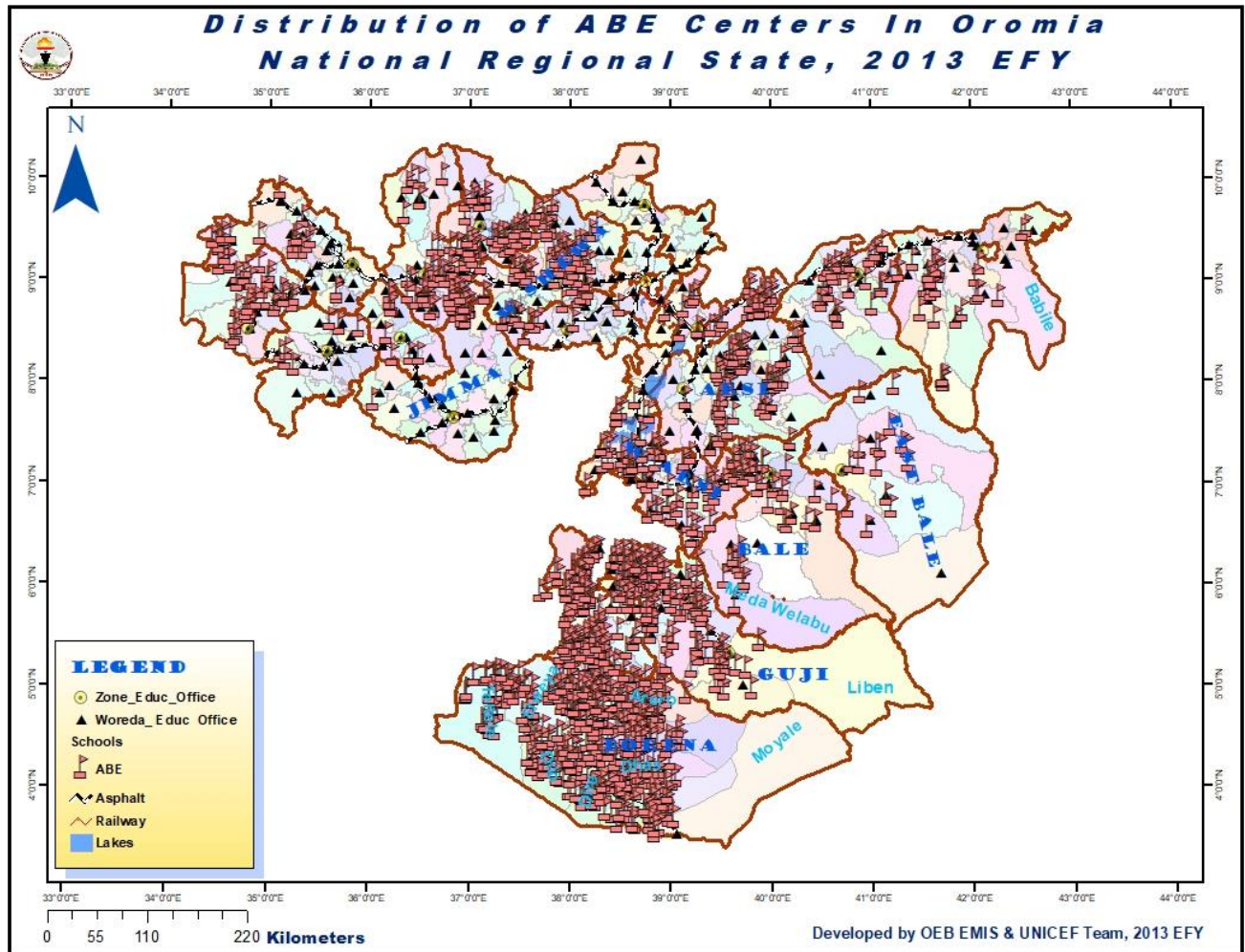
As its name indicates, Alternative Basic Education (ABE) is the provision of primary school (Grade 1-6) education intended to address the Primary education needs of children who haven't been addressed and accessed in a formal education system. It is designed to reach children particularly in pastoral areas and where schools are far from residences as well as in areas where children are not able to start schooling at the exact age because of different reasons. Moreover, ABE enrollments have contributed to in reporting GER and NER of grade 1-6 primary school with the regular program. In paying attention for the issue, our region has planned to reduce illiteracy in this regard. Even though, great efforts have been made to meet the access, still hard work is expected to attain the plan.

The number of ABE centers in the region has decreased from 1859 in 2011 (2015/16 G. C) to 1729 in 2012 (2019/20 G.C) but now in 2013 (2020/21 G.C) increased to 1,819. Table 4.1.1 below elaborates the number of ABE centers by ownership at regional and zone as well as administrative towns' level. Accordingly, among the total number of 1,819 ABE centers 93.7% (1,706) of them are owned by the government. The rest 6.2% (113) of them are under the ownership of the non-government organizations. Concerning zonal distribution, pastoral areas like Borena, Guji, Arsi, West Guji, West Shoa and East Wollega have the largest share of ABE centers that account (28.4%, 11.1%, 10.7% 10.6%, 7.4% and 6.3%) respectively in the region. North Shoa zone is the only zone that has no ABE centers. On the other hand, the share of administrative towns is very low, and among the 19 administrative towns except for Jima, Shashemene, Ambo, Adama, Bishoftu, Lege Tafo and Nekemte 12 of them have no ABE centers.

Table 4.1. 1 Number of ABE centers by Ownership

Number of ABE Centers by Ownership and by Zone, 2013 (2020/21 G.C)								
SN	Zone/ Administrative Town	Government	Church	Local community / Public	Development partners	Mosque	other	Grand Total
1	Arsi	154	3	15		22	1	195
2	Bale	32		4		8		44
3	Borena	514	1		1			516
4	Buno Beddele	9						9
5	East Bale	18						18
6	East Hararge	41						41
7	East Shoa	46						46
8	East Wollega	114						114
9	Guji	198		3				201
10	Horo Guduru Wollega	46		5				51
11	Illu Aba Bora	11						11
12	Jima	1						1
13	Kellem Wollega	50						50
14	North Shoa							
15	OSZS Finfinne		1					1
16	South West Shoa	2						2
17	West Arsi	39		41		4		84
18	West Gujii	190			2			192
19	West Hararge	48				1		49
20	West Shoa	134						134
21	West Wollega	45						45
22	Adama Admin Town	1		1				2
23	Ambo Admin Town	1						1
24	Assela Admin Town							
25	Batu Admin Town							
26	Bishan Gurracha Admin Town							
27	Bishoftu Admin Town	1						1
28	Burayu Admin Town							
29	Dukem Admin Town							
30	Gelan Admin Town							
31	Holota Admin Town							
32	Jima Admin Town	5						5
33	L/Tafo L/Dadhi Admin Town	1						1
34	Modjo Admin Town							
35	Nekemte Admin Town	1						1
36	Robe Admin Town							
37	Sebeta Admin Town							
38	Shashemenne Admin Town	4						4
39	Sululta Admin Town							
40	Woliso Admin Town							
Oromia		1706	5	69	3	35	1	1819

Map.4.1.1 Distribution of ABE Centers



As can be seen from map 4.1.1 above, ABE centers are relatively dense in the southern and western parts of the region. Specifically, they are common in Borena, Guji, West Gujii, West Arsi, Bale and East Wollega zones. On the other hand, Jima, OSZS Finfinne, South West Shoa, Buno Bedelle and Ilu Aba Bora are zones where ABE centers are scarcely distributed.

4.1.2. Alternative Basic Education /ABE/ Enrolment

This approach has played significant role in addressing children who have not got chance to join primary education. But due attention has not been given to strengthen the sector. For example; large number of children is still not joining school in the region. Hence, even though the reason has not identified by basic research, our assumption for the challenges happened might be; low supervision and low follow-up of the education sector at grass-root level, less interest and motivation of ABE facilitators, low participation of NGOs (both local and international) to promote the ABE program in

the region and the like are an expected assumption. Therefore, we recommend that the issues need serious attention and follow up.

As the number of ABE centers getting decreased from year to year, the number of students enrolled in ABE centers has been decreasing from year to year too. Graph 4.1.1 below shows the number of ABE students enrolled for the last five years.

Graph 4.1. 1 Five Years Trend of ABE Enrolment

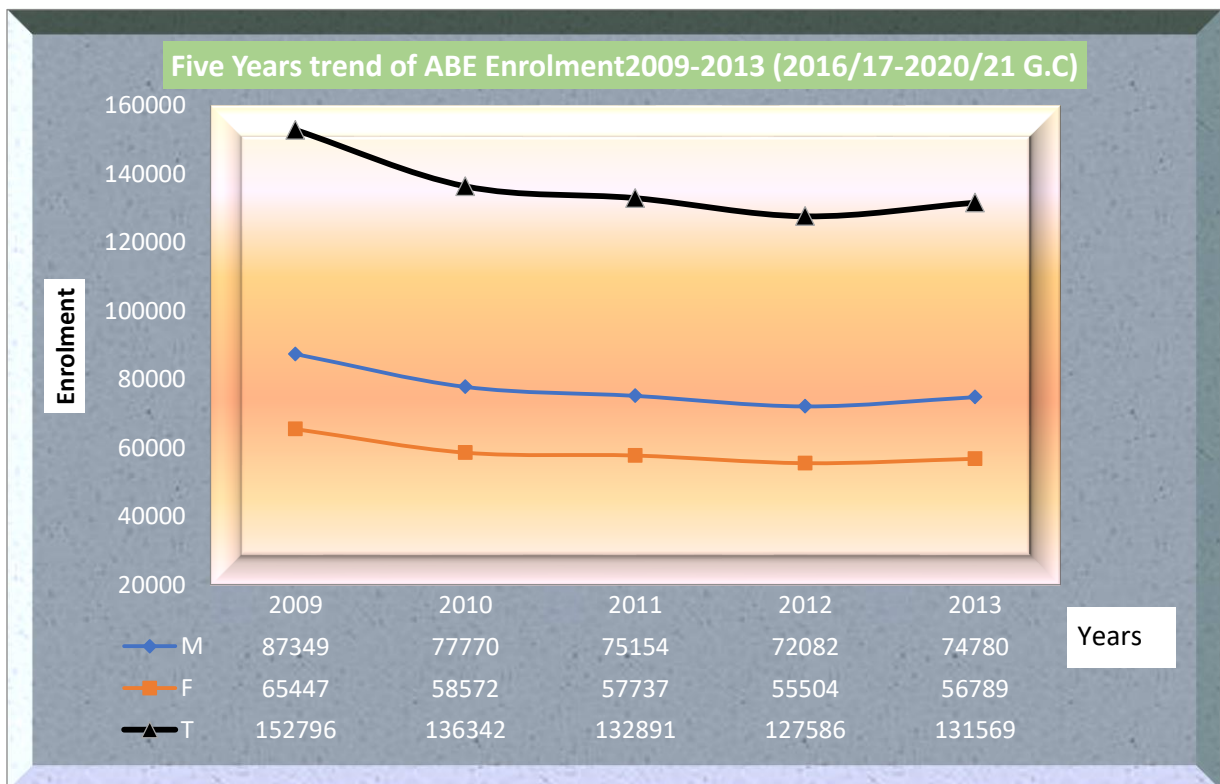


Table 4.1. 2 Alternative basic Education Enrolment

Alternative Basic Education Program Enrolment by Phase and Age, 2013 (2020/21 G.C.)																				
SN	Zone/Admin Town	(7-12) Age			(7-14) Age			All ABE Enrolment by Phase												
		Phase I		Phase II		Phase III		Phase IV		Phase V		Total								
		M	F	T	M	F	T	M	F	M	F	M	F	M	F	M	F	T		
1	Arsi	6281	4387	10668	6908	4738	11646	5183	3589	2017	1403	635	502	105	90	11	1	7951	5585	13536
2	Bale	2242	1547	3789	2425	1677	4102	1242	821	896	632	609	410	26				2773	1863	4636
3	Borena	8349	5565	13914	10400	6874	17274	7009	4692	4085	2660	1888	1260	82	63	24	19	13088	8694	21782
4	Buno Beddele	242	199	441	270	221	491	224	182	85	72	24	25					333	279	612
5	East Bale	1065	728	1793	1115	743	1858	468	365	350	242	312	139					1130	746	1876
6	East Hararge	3678	3048	6726	4250	3460	7710	2518	2066	1496	1273	499	391	64	45			4577	3775	8352
7	East Shoa	929	778	1707	981	831	1812	669	559	257	213	78	83					1004	855	1859
8	East Wollega	2772	2311	5083	2871	2412	5283	1973	1724	888	735	422	320					3283	2779	6062
9	Guji	8516	6182	14698	9451	6849	16300	6269	4694	3381	2611	1538	966	19	20	24	23	11231	8314	19545
10	Horo Guduru Wollega	2428	2220	4648	2641	2378	5019	1733	1605	786	701	302	232					2821	2538	5359
11	Ilu Aba Bora	97	79	176	99	82	181	89	95	31	13	12	8					132	116	248
12	Jima	60	53	113	60	53	113	33	28	27	25							60	53	113
13	Kellem Wollega	1171	915	2086	1295	1007	2302	762	566	461	390	248	210					1471	1166	2637
14	North Shoa																			
15	OSZS Finfinne	20	19	39	20	19	39	14	17	14	13	5	4					33	34	67
16	South West Shoa	64	37	101	64	37	101	27	13	18	17	20	8					65	38	103
17	West Arsi	3889	3092	6981	4087	3232	7319	3264	2428	1323	1124	733	636					5320	4188	9508
18	West Guji	4784	3700	8484	5530	4248	9778	3268	2489	1832	1404	931	781	44	22	71	31	6146	4727	10873
19	West Hararge	3552	2535	6087	3623	2604	6227	2013	1479	1183	867	816	551	52	60			4064	2957	7021
20	West Shoa	5779	4976	10755	6568	5605	12173	3746	3180	2242	1928	1357	1157	120	103			7465	6368	13833
21	West Wollega	968	884	1852	1070	974	2044	730	692	274	228	98	77	35	20	16	7	1153	1024	2177
22	Adama Admin Town	63	58	121	66	61	127	30	29	28	26	22	22					80	77	157
23	Ambo Admin Town	16	8	24	16	8	24	12	7	17	10							29	17	46
24	Assela Admin Town																			
25	Batu Admin Town																			
26	Bishan Gurracha Admin Town																			
27	Bishoftu Admin Town	26	22	48	28	26	54	19	14	9	12							28	26	54
28	Burayu Admin Town																			
29	Dukem Admin Town																			
30	Gelan Admin Town																			
31	Holota Admin Town																			
32	Jima Admin Town	73	88	161	73	88	161	56	62	17	26							73	88	161
33	L/Tafo L/Dadhi Admin Town	43	27	70	44	29	73	21	7	23	22							44	29	73
34	Modjo Admin Town																			
35	Nekemte Admin Town	11	21	32	11	22	33	11	22									11	22	33
36	Robe Admin Town																			
37	Sebeta Admin Town																			
38	Shashemenne Admin Town	260	265	525	263	276	539	112	110	139	172	112	103	52	46			415	431	846
39	Sululta Admin Town																			
40	Woliso Admin Town																			
Oromia		57378	43744	101122	64229	48554	112783	41495	31535	21879	16819	10661	7885	599	469	146	81	74780	56789	131569

4.1.3. Alternative Basic Education Facilitator

Table 4.1. 3. ABE Facilitators by Higher Education level and Training Status

ABE Facilitators by Higher Education level and Training Status in 2013 (2020/21 G.C)																				
SN	Zone/Administrative Towns	Below grade 8		Grade 8 Completers		Grade 9 Completers		Grade 10 Completers		Grade 11		Grade 12		TTI		Diploma and above		Grand Total		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T
1	Arsi	13		5		4		39	10			9	3	43	10	70	31	183	54	237
2	Bale															34	17	34	17	51
3	Borena	3	2	4		5		214	61	6		27	2	85	10	150	21	494	96	590
4	Buno Beddele							2						3		5	2	10	2	12
5	East Bale							21	7			4		1	1	7	1	33	9	42
6	East Hararge	2		1		2	1	18	6	1	1	2	1	24	2	19		69	11	80
7	East Shoa						1	25	13	1		13	2	3	1	5	3	47	20	67
8	East Wollega	1	2					24	4	2		10	2	23	13	22	17	82	38	120
9	Guji			1		2		183	33	4		15	4	36	5	22	11	263	53	316
10	Horo Guduru Wollega							6	1			8			1	13	9	27	11	38
11	Ilu Aba Bora							2						1		6	3	9	3	12
12	Jima								3									3	3	
13	Kellem Wollega							7	2			2		7	3	33	23	49	28	77
14	North Shoa																			0
15	OSZS Finfinne											1		2				3		3
16	South West Shoa							1								1	3	2	3	5
17	West Arsi	4		3	1	2	1	54	12	2		7	2	18	6	42	10	132	32	164
18	West Gujii	1		1		1		118	8	7		20	3	34	4	65	12	247	27	274
19	West Hararge					1		17	7	1		3		19	5	42	14	83	26	109
20	West Shoa	2		1	1	2		57	25	2	1	28	6	18	5	17	16	127	54	181
21	West Wollega							14	4			10	4	3	2	7	1	34	11	45
22	Adama Admin Town													2	1	2		4	1	5
23	Ambo Admin Town							1	2									1	2	3
24	Assela Admin Town																			0
25	Batu Admin Town																			0
26	BishanGurrachaAdminTown																			0
27	Bishoftu Admin Town							2										2		2
28	Burayu Admin Town																			0
29	Dukem Admin Town																			0
30	Gelan Admin Town																			0
31	Holota Admin Town																			0
32	Jima Admin Town	64	64															64	64	128
33	L/Tafo L/Dadhi Admin Town											1						1		1
34	Modjo Admin Town																			0
35	Nekemte Admin Town																1		1	1
36	Robe Admin Town																			0
37	Sebeta Admin Town																			0
38	Shashemenne Admin Town								7	1		1	4	1	2	1	8	4	21	25
39	Sululta Admin Town																			0
40	Woliso Admin Town																			0
Oromia		90	68	17	2	19	3	833	209	27	2	169	34	335	74	563	203	2053	595	2648

Table 4.1. 4 ABE Facilitators by Training Status

ABE Facilitators by Training Status, 2013(2020/21 G.C)										
SN	ZONE	Trained			Not Trained			Total		
		M	F	T	M	F	T	M	F	T
1	Arsi	20	7	27	163	47	210	183	54	237
2	Bale	3	1	4	31	16	47	34	17	51
3	Borena	47	9	56	447	87	534	494	96	590
4	Buno Beddele	1		1	9	2	11	10	2	12
5	East Bale	3		3	30	9	39	33	9	42
6	East Hararge	10	2	12	59	9	68	69	11	80
7	East Shoa	8	5	13	39	15	54	47	20	67
8	East Wollega	16	8	24	66	30	96	82	38	120
9	Guji	48	7	55	215	46	261	263	53	316
10	Horo Guduru Wollega	2	1	3	25	10	35	27	11	38
11	Illu Aba Bora	3	1	4	6	2	8	9	3	12
12	Jima		1	1	0	2	2		3	3
13	Kellem Wollega	14	2	16	35	26	61	49	28	77
14	North Shoa			0	0	0	0			0
15	OSZS Finfinne			0	3	0	3	3		3
16	South West Shoa	1	3	4	1	0	1	2	3	5
17	West Arsi	16	2	18	116	30	146	132	32	164
18	West Gujii	16	1	17	231	26	257	247	27	274
19	West Hararge	31	10	41	52	16	68	83	26	109
20	West Shoa	4	6	10	123	48	171	127	54	181
21	West Wollega	6	1	7	28	10	38	34	11	45
22	Adama Admin Town			0	4	1	5	4	1	5
23	Ambo Admin Town			0	1	2	3	1	2	3
24	Assela Admin Town			0	0	0	0			0
25	Batu Admin Town			0	0	0	0			0
26	Bishan Gurracha Admin Town			0	0	0	0			0
27	Bishoftu Admin Town	2		2	0	0	0	2		2
28	Burayu Admin Town			0	0	0	0			0
29	Dukem Admin Town			0	0	0	0			0
30	Gelan Admin Town			0	0	0	0			0
31	Holota Admin Town			0	0	0	0			0
32	Jima Admin Town	15	15	30	49	49	98	64	64	128
33	L/Tafo L/Dadhi Admin Town			0	1	0	1	1		1
34	Modjo Admin Town			0	0	0	0			0
35	Nekemte Admin Town		1	1	0	0	0		1	1
36	Robe Admin Town			0	0	0	0			0
37	Sebeta Admin Town			0	0	0	0			0
38	Shashemenne Admin Town	2	5	7	2	16	18	4	21	25
39	Sululta Admin Town			0	0	0	0			0
40	Woliso Admin Town			0	0	0	0			0
Oromia		272	89	361	1781	506	2287	2053	595	2648

4.2. Integrated Functional Adult Education /IFAE/ Program

Integrated Functional Adult Education (IFAE) program is a functional literacy program that reaches out to adults and young people aged 15 or older. The main goals of the program are to increase literacy rates, to promote women's empowerment, to improve participants' health and to raise the general standards of living within communities. The program consists of two six-month courses that participants complete within two years. Topics taught include literacy, gender issues, environmental protection, civic and ethical education, health, disease prevention, family planning, and agriculture. The main objective of the program is to increase the adult literacy rate in Oromia. Besides improving literacy, the program also aims to teach participants fundamental skills and knowledge that will increase the standard of living in communities.

Graph 4.1. 2 Five Years Trend of IFAE Program Enrolment

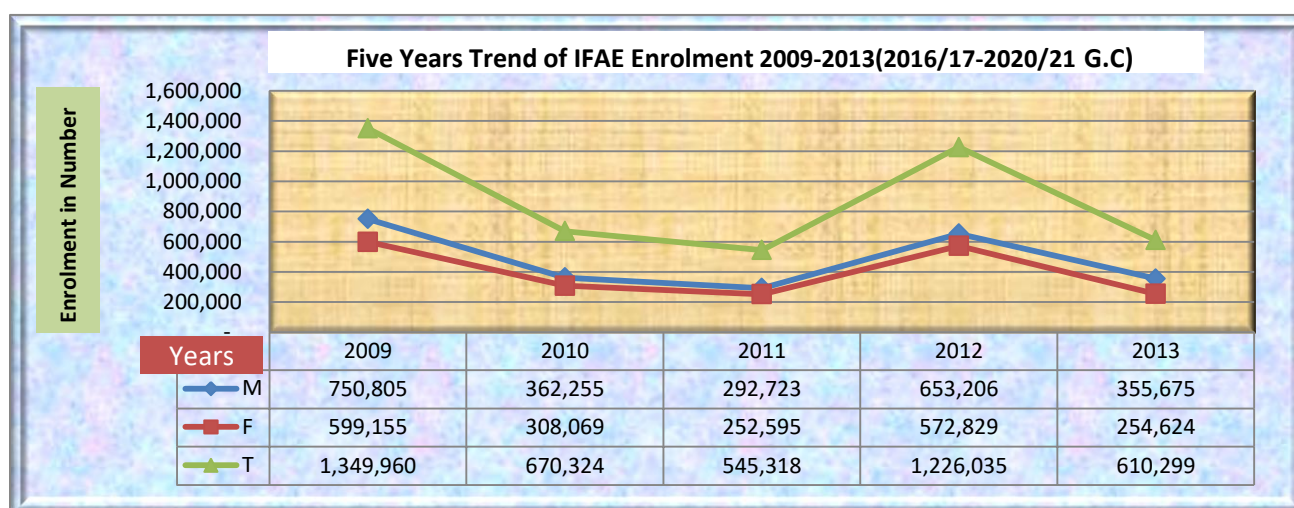


Table 4.2. 1 Five Years Trend of IFAE Enrolment

Five Years Trend of IFAE Enrolment, 2009 - 2013 (2016/17 - 2020/21 G.C)			
Year in E. C	Number of Adults		
	Male	Female	Total
2009	750805	599155	1349960
2010	362255	308069	670324
2011	292723	252595	545318
2012	653206	572829	1226035
2013	355675	254624	610299

Source: Non-formal Education Directorate

Table 4.2. 2 Integrated Functional Adult Education / IFAE/ Number of centers

Number of IFAE Centers By Type of Center, 2013 (2020/21 G.C)										
SN	Zones/Admin Towns	Number of IFAE Centers By Type of Center								
		Schools	FTC	Private House	Health Center	Temporary Building	Kebele Hall	Church	Others	Total
1	Arsi	742	148	71	56	34	59	95	39	1244
2	Bale	357	26	2	5	30	2	16	4	442
3	Borena	425	8	44	2	69	21	4	48	621
4	Buno Beddelle	184	65	15	67	31	11	6	7	386
5	East Bale	264	45	12	38	20	24	12	54	469
6	East Hararge	987	38	86	23	0	17	6	2	1159
7	East Shoa	271	20	2	2	44	17	31	56	443
8	East Wollega	520	226	15	205	135	185	40	42	1368
9	Guji	218	36	0	2	71	7	206	1	541
10	Horo Guduru Wollega	126	17	27	4	22	12	19	36	263
11	Illu Aba Bora	235	35	27	9	17	86	23	18	450
12	Jimma	957	80	43	72	504	70	29	141	1896
13	Kellem Wollega	261	25	0	23	6	0	7	5	327
14	North Shoa	320	20	62	6	10	17	13	112	560
15	OSZS Finfinne	50	17	42	0	0	8	4	30	151
16	South West Shoa	149	12	132	6	7	14	74	37	431
17	West Arsi	21	7	0	0	2	0	0	1	31
18	West Guji	276	28	8	10	8	13	48	133	524
19	West Hararge	500	65	28	51	40	13	18	128	843
20	West Shoa	306	25	59	37	8	29	152	29	645
21	West Wollega	487	102	28	44	55	261	105	64	1146
22	Adama Admin Town	10	0	0	0	1	10	1	1	23
23	Ambo Admin Town	15	0	2	2	2	6	2	2	31
24	Asela Admin Town	32	0	1	0	0	4	3	16	56
25	Batu Admin Town	5	0	0	1	5	0	0	1	12
26	Bishan Guracha Admin Town	2	0	0	0	0	0	0	0	2
27	Bishoftu Admin Town	20	0	5	0	0	5	3	9	42
28	Burayu Admin Town	3	0	3	1	0	2	2	1	12
29	Dukem Admin Town	0	0	0	0	0	0	0	0	0
30	Gelan Admin Town	2	1	0	0	0	1	0	3	7
31	Holeta Admin Town	3	0	0	0	6	1	0	0	10
32	Jimma Admin Town	13	0	5	1	0	4	1	3	27
33	L/T/L/Dadhi Admin Town	3	0	0	0	0	5	0	1	9
34	Modjo Admin Town	6	0	3	0	3	3	0	0	15
35	Nekemte Admin Town	4	0	0	0	0	5	1	1	11
36	Robe Admin Town	5	0	0	0	0	3	0	10	18
37	Sebeta Admin Town	4	0	1	0	2	0	0	10	17
38	Shashamane Admin Town	16	0	0	1	0	0	0	0	17
39	Sululta Admin Town	6	0	1	1	0	0	0	3	11
40	Woliso Admin Town	1	0	1	0	0	1	0	0	3
Oromia		1389	1046	725	669	1132	916	921	1048	13846

Table 4.2. 3 IFAE Enrolment by Phase/Year

Number of IFAE Enrolment by Phase/Year in 2013(2020/21 G.C)														
SN	Zone/Administrative Towns	Year One		Year Two		Total (Year one and two)			IFAE Continues after Graduate			Grand Total		
		M	F	M	F	M	F	T	M	F	T	M	F	T
1	Arsi	14,475	9,629	4,355	3,120	18,830	12,749	31,579	947	600	1,547	19,777	13,349	33,126
2	Bale	4930	4116	3235	2472	8,165	6,588	14,753	1459	1028	2,487	9,624	7,616	17,240
3	Borena	3938	3963	1796	1888	5,734	5,851	11,585	738	645	1,383	6,472	6,496	12,968
4	Buno Beddelle	4023	2901	1490	1471	5,513	4,372	9,885	723	617	1,340	6,236	4,989	11,225
5	East Bale	2929	2696	2068	1338	4,997	4,034	9,031	1314	897	2,211	6,311	4,931	11,242
6	East Hararge	26809	13095	14738	8491	41,547	21,586	63,133	3648	1889	5,537	45,195	23,475	68,670
7	East Shoa	4309	3153	1710	1196	6,019	4,349	10,368	738	571	1,309	6,757	4,920	11,677
8	East Wollega	8279	6189	4239	2590	12,518	8,779	21,297	968	625	1,593	13,486	9,404	22,890
9	Guji	4686	5886	2814	3936	7,500	9,822	17,322	1065	1200	2,265	8,565	11,022	19,587
10	Horo Guduru Wollega	3632	3083	1679	1519	5,311	4,602	9,913	969	884	1,853	6,280	5,486	11,766
11	Ilu Aba Bora	3435	4678	1831	2651	5,266	7,329	12,595	832	1170	2,002	6,098	8,499	14,597
12	Jimma	40722	31956	25949	17833	66,671	49,789	116,460	9383	6737	16,120	76,054	56,526	132,580
13	Kellem Wollega	3145	3058	1957	1661	5,102	4,719	9,821	1106	821	1,927	6,208	5,540	11,748
14	North Shoa	5244	3006	3512	2206	8,756	5,212	13,968	2484	1479	3,963	11,240	6,691	17,931
15	OSZS Finfinne	3660	1958	1300	842	4,960	2,800	7,760	505	281	786	5,465	3,081	8,546
16	South West Shoa	6533	3686	1516	973	8,049	4,659	12,708	484	299	783	8,533	4,958	13,491
17	West Arsi	3432	4268	1273	1467	4,705	5,735	10,440	261	238	499	4,966	5,973	10,939
18	West Guji	3712	3779	1298	1213	5,010	4,992	10,002	231	251	482	5,241	5,243	10,484
19	West Hararge	42697	19878	21878	11487	64,575	31,365	95,940	8899	5883	14,782	73,474	37,248	110,722
20	West Shoa	8641	6836	3644	2978	12,285	9,814	22,099	1147	962	2,109	13,432	10,776	24,208
21	West Wollega	6126	6177	4081	3771	10,207	9,948	20,155	2090	1808	3,898	12,297	11,756	24,053
22	Adama Admin Town	116	295	38	41	154	336	490	24	27	51	178	363	541
23	Ambo Admin Town	284	452	161	200	445	652	1,097	81	132	213	526	784	1,310
24	Asela Admin Town	26	128	0	0	26	128	154	0	0	0	26	128	154
25	Batu Admin Town	160	289	0	31	160	320	480	0	18	18	160	338	498
26	Bishan Guracha Admin Town	15	45	7	35	22	80	102	3	7	10	25	87	112
27	Bishoftu Admin Town	467	540	176	293	643	833	1,476	25	15	40	668	848	1,516
28	Burayu Admin Town	23	362	0	0	23	362	385	0	0	0	23	362	385
29	Dukem Admin Town	83	212	0	0	83	212	295	0	0	0	83	212	295
30	Gelan Admin Town	30	84	7	23	37	107	144	0	0	0	37	107	144
31	Holeta Admin Town	67	449	29	87	96	536	632	24	66	90	120	602	722
32	Jimma Admin Town	322	415	137	320	459	735	1,194	92	98	190	551	833	1,384
33	L/T/L/Dadhi Admin Town	120	95	57	53	177	148	325	52	17	69	229	165	394
34	Modjo Admin Town	14	109	4	30	18	139	157	7	25	32	25	164	189
35	Nekemte Admin Town	197	345	241	214	438	559	997	31	2	33	469	561	1,030
36	Robe Admin Town	174	218	20	23	194	241	435	2	18	20	196	259	455
37	Sebeta Admin Town	115	136	16	54	131	190	321	0	0	0	131	190	321
38	Shashamane Admin Town	212	187	102	250	314	437	751	42	82	124	356	519	875
39	Sululta Admin Town	67	84	25	3	92	87	179	0	5	5	92	92	184
40	Woliso Admin Town	67	25	2	6	69	31	100	0	0	0	69	31	100
Oromia		207,916	148,461	107,385	76,766	315,301	225,227	540,528	40,374	29,397	69,771	355,675	254,624	610,299

Source: Non- formal Education Directorate

Table 4.2. 4 Number of IFAE facilitators by type

Number of IFAE Facilitators by Facilitator type in 2013 (2020/21G.C)																		
S/N	Zones/Administrative Towns	Contrat Facilitators		Teachers		Agricltre Extension		Health Extension		Kebele Managers		Volunters		Others		Total		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T
1	Arsi	494	277	326	191	82	14	0	153	69	15	24	5	0	0	995	655	1650
2	Bale	122	65	138	74	29	17	0	28	0	0	8	6	2	1	299	191	490
3	Borena	263	161	322	209	105	50	35	141	22	4	21	14	8	0	776	579	1355
4	Buno Beddelle	159	167	575	326	137	50	0	102	89	15	28	11	28	0	1016	671	1687
5	East Balee	223	138	242	118	183	58	0	192	95	20	3	0	4	4	750	530	1280
6	East Hararge	363	164	465	107	8	0	0	9	0	0	3	4	11	4	850	288	1138
7	East Shoa	143	132	190	124	39	8	3	62	25	3	13	1	4	1	417	331	748
8	East Wollega	254	136	369	255	75	40	0	27	62	0	35	29	0	0	795	487	1282
9	Guji	417	149	82	24	23	6	0	13	0	0	47	8	0	0	569	200	769
10	Horo Guduru Wollega	181	151	161	65	133	26	9	139	88	3	38	18	7	2	617	404	1021
11	Ilu Aba Bora	157	168	447	306	49	19	2	48	26	7	10	5	0	3	691	556	1247
12	Jimma	615	453	523	395	71	24	0	134	53	7	0	0	63	41	1325	1054	2379
13	Kellem Wollega	267	295	123	122	10	3	0	28	0	0	0	0	0	0	400	448	848
14	North Shoa	37	44	507	383	22	13	0	24	16	5	33	18	4	2	619	489	1108
15	OSZS Finfinne	52	24	130	63	6	0	1	10	3	0	0	0	14	3	206	100	306
16	South West Shoa	117	107	254	172	6	5	0	4	4	2	6	2	5	3	392	295	687
17	West Arsi	165	95	15	15	8	3	7	4	0	0	0	0	0	0	195	117	312
18	West Guji	241	43	531	303	154	29	16	207	36	2	123	38	1	1	1102	623	1725
19	West Hararge	214	133	744	193	217	25	0	81	93	6	20	7	5	1	1293	446	1739
20	West Shoa	149	165	800	344	80	10	0	85	30	4	70	22	215	38	1344	668	2012
21	West Wollega	242	223	2630	2013	189	52	0	199	269	66	130	76	116	72	3576	2701	6277
22	Adama Admin Town	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	Ambo Admin Town	0	2	9	6	1	1	1	1	4	2	6	0	1	1	22	13	35
24	Asela Admin Town	0	0	12	14	0	0	0	8	0	0	13	5	0	0	25	27	52
25	Batu Admin Town	0	3	0	0	0	0	0	0	2	1	3	1	2	0	7	5	12
26	Bishan Guracha Admin Town	2	0	0	0	0	0	0	2	0	0	1	0	0	0	3	2	5
27	Bishoftu Admin Town	24	16	0	0	0	0	0	0	0	0	0	0	0	0	24	16	40
28	Burayu Admin Town	3	3	0	0	0	0	0	0	0	0	3	0	0	0	6	3	9
29	Dukem Admin Town	0	6	8	0	0	0	0	0	0	0	0	0	0	0	8	6	14
30	Gelan Admin Town	4	6	7	0	0	0	0	0	4	0	0	0	0	0	15	6	21
31	Holeta Admin Town	1	5	0	0	0	0	0	2	2	0	4	3	0	0	7	10	17
32	Jimma Admin Town	12	15	0	0	0	0	0	0	0	0	0	0	0	0	12	15	27
33	L/T/L/Dadhi Admin Town	7	1	2	0	0	0	0	0	4	0	0	0	0	0	13	1	14
34	Modjo Admin Town	4	0	7	1	0	0	0	0	1	1	1	0	0	0	13	2	15
35	Nekemte Admin Town	3	3	3	3	0	0	0	0	6	0	2	2	1	0	15	8	23
36	Robe Admin Town	2	8	10	14	0	0	0	9	2	1	0	3	0	0	14	35	49
37	Sebeta Admin Town	11	9	0	0	0	0	0	0	0	0	0	0	0	0	11	9	20
38	Shashamne Admin Town	0	0	0	0	0	0	0	0	0	0	2	8	0	0	2	8	10
39	Sululta Admin Town	5	4	0	0	0	0	0	0	0	0	2	0	0	0	7	4	11
40	Woliso Admin Town	2	5	0	0	0	0	0	0	0	0	0	0	0	0	2	5	7
Oromia		4955	3376	9632	5840	1627	453	74	1712	1005	164	649	286	491	177	18433	12008	30441

Source: Non- formal Education Directorate

CHAPTER FIVE

Tertiary Education

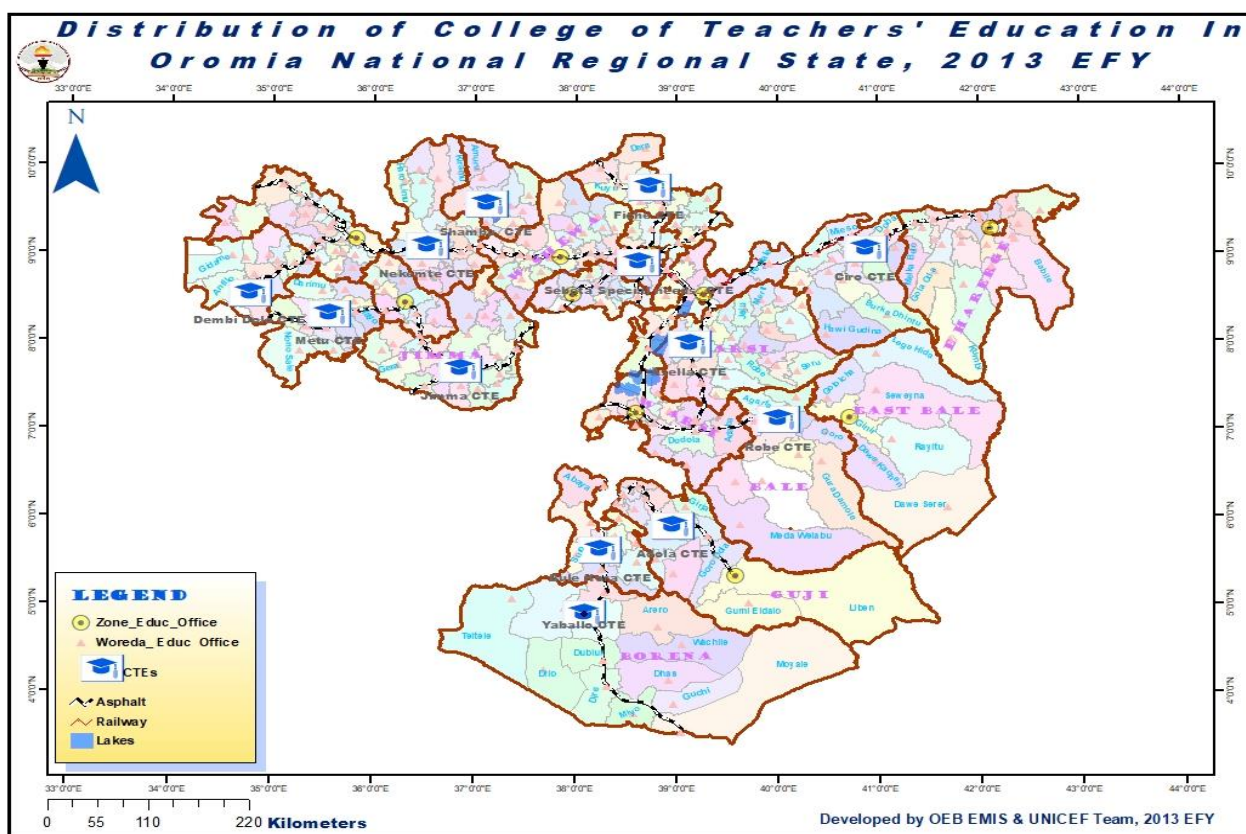
5.1. Colleges of Teachers' Education

Colleges of Teachers' Education (CTE) are institutions those aimed to train teachers for primary schools. These institutions in the region have also been engaged in facilitating additional and short in-service trainings for primary and pre-primary school teachers.

5.1.1. Number of Colleges of Teachers' Education

There are 13 CTEs in the region in 2013 (2020/21 G.C) those have been delivering trainings for candidate teachers to fulfill the required quality and quantity teachers for primary schools in regular, weekend and evening diploma programs. In addition to these, the instructions have continued in-service summer program training that helps TTI (certificate) teachers top-grade their qualification to the diploma.

Map 5.1.1 Distributions of Colleges of Teachers Education



5.1.2. Candidate Teachers in Diploma Program

5.1.2.1. CANDIDATE TEACHERS IN REGULAR DIPLOMA PROGRAM

As can be seen from table 5.1.1 below, there were a total number of 4,263 (2,887 male & 1,376 female) regular diploma program candidate have been trained for three years in all of 13 CTEs. Out of these candidates 3,417 (80.2%) have attending Specialist and 308 (7.2%) Linear modality training program.

5.1.2.2.CANDIDATES TEACHERS IN EVENING PROGRAM

Table 5.1. 1 Oromia CTEs Candidate Teachers Enrolled in Regular Diploma Program

Oromia CTEs Candidate Teachers Enrolled in Regular Diploma Program in the year 2013 (2020/21 G.C)										
SN	CTEs / Modality/ Department (Stream)	Year I		Year II		Year III		Total		
		M	F	M	F	M	F	M	F	T
1	Adola	0	0	132	31	98	16	230	47	277
	Specialist	0	0	132	31	98	16	230	47	277
2	Asella	0	0	128	30	142	40	270	70	340
	Linear Modality	0	0	64	9	31	4	95	13	108
	Specialist	0	0	64	21	44	20	108	41	149
	Integrated	0	0	0	0	67	16	67	16	83
3	Bule Hora	0	0	51	27	88	39	139	66	205
	Specialist	0	0	40	15	88	39	128	54	182
	Generalist	0	0	11	12	0	0	11	12	23
4	Chiro	0	0	35	19	77	8	112	27	139
	Specialist	0	0	35	19	63	8	98	27	125
	Generalist	0	0	0	0	14	0	14	0	14
5	Dembi Dollo	0	0	253	133	145	169	398	302	700
	Specialist	0	0	235	121	120	142	355	263	618
	Generalist	0	0	18	12	25	27	43	39	82
6	Fiche	0	0	40	14	51	28	91	42	133
	Specialist	0	0	40	14	51	28	91	42	133
7	Jimma	0	0	66	51	209	105	275	156	431
	Linear Modality	0	0	12	12	44	23	56	35	91
	Specialist	0	0	54	39	152	73	206	112	318
	Generalist	0	0	0	0	13	9	13	9	22
8	Mettu	0	0	104	59	152	110	256	169	425
	Specialist	0	0	85	43	135	94	220	137	357
	Generalist	0	0	19	16	17	16	36	32	68
9	Nekemte	0	0	126	89	168	77	294	166	460
	Linear Modality	0	0	18	26	24	7	42	33	75
	Specialist	0	0	108	63	132	66	240	129	369
	Generalist	0	0	0	0	12	4	12	4	16
10	Robe	0	0	126	49	155	55	281	104	385
	Specialist	0	0	126	49	149	53	275	102	377
	Generalist	0	0	0	0	6	2	6	2	8
11	Sebeta	0	0	36	19	87	44	123	63	186
	Linear Modality	0	0	15	4	7	8	22	12	34
	Specialist	0	0	21	15	80	36	101	51	152
12	Shambu	0	0	159	57	114	83	273	140	413
	Specialist	0	0	101	29	61	38	162	67	229
	Integrated Science	0	0	58	28	39	31	97	59	156
	Generalist	0	0	0	0	14	14	14	14	28
13	Yabello	0	0	76	14	69	10	145	24	169
	Specialist			45	7	69	10	114	17	131
	Generalist	0	0	31	7	0	0	31	7	38
Total Oromia CTEs		0	0	1332	592	1555	784	2887	1376	4263
Linear Modality		0	0	109	51	106	42	215	93	308
Specialist		0	0	1086	466	1242	623	2328	1089	3417
Generalist		0	0	79	47	101	72	180	119	299
Integrated		0	0	58	28	106	47	164	75	239

Evening training has been conducted in all CTEs except Yabelo. As can be seen from table 5.1.2 below there where a total number of 3,148 (1,910 male &1,238 female) .

Table 5.1. 2 Oromia CTEs Candidate Teachers Enrolled in evening diploma Program

Oromia CTEs Candidate Teachers Enrolled in Evening Diploma Program, 2013 (2020/21 G.C)												
SN	CTE/Modality/ Department (Stream)	Year I		Year II		Year III		Year IV		TOTAL		
		M	F	M	F	M	F	M	F	M	F	T
1	Adola	0	0	37	10	21	19	132	52	190	81	271
	Specialist	0	0	37	10	21	19	111	43	169	72	241
	Generalist	0	0	0	0	0	0	21	9	21	9	30
2	Asella	0	0	0	0	0	0	109	31	109	31	140
	Specialist	0	0	0	0	0	0	85	28	85	28	113
	Integrated	0	0	0	0	0	0	24	3	24	3	27
3	Bule Hora	0	0	0	0	0	0	101	23	101	23	124
	Specialist	0	0	0	0	0	0	76	17	76	17	93
	Generalist	0	0	0	0	0	0	25	6	25	6	31
4	Chiro	0	0	0	0	0	0	28	13	28	13	41
	Specialist	0	0	0	0	0	0	28	13	28	13	41
5	Dembi Dollo	0	0	0	0	107	97	231	184	338	281	619
	Specialist	0	0	0	0	82	78	145	102	227	180	407
	Generalist	0	0	0	0	0	0	21	47	21	47	68
	Integrated	0	0	0	0	25	19	65	35	90	54	144
6	Fiche	0	0	0	0	13	23	125	79	138	102	240
	Specialist	0	0	0	0	13	23	92	45	105	68	173
	Generalist	0	0	0	0	0	0	24	28	24	28	52
	Integrated	0	0	0	0	0	0	9	6	9	6	15
7	Jimma	0	0	0	0	30	50	222	146	252	196	448
	Specialist	0	0	0	0	0	0	173	83	173	83	256
	Integrated	0	0	0	0	30	50	49	63	79	113	192
8	Mettu	0	0	0	0	0	0	260	151	260	151	411
	Specialist	0	0	0	0	0	0	182	107	182	107	289
	Generalist	0	0	0	0	0	0	19	19	19	19	38
	Integrated	0	0	0	0	0	0	59	25	59	25	84
9	Nekemte	0	0	0	0	28	45	0	0	28	45	73
	Specialist	0	0	0	0	28	45	0	0	28	45	73
10	Robe	0	0	0	0	0	0	196	90	196	90	286
	Specialist	0	0	0	0	0	0	169	75	169	75	244
	Integrated	0	0	0	0	0	0	27	15	27	15	42
11	Sebeta	0	0	0	0	3	6	135	83	138	89	227
	Specialist	0	0	0	0	3	6	37	24	40	30	70
	Integrated	0	0	0	0	0	0	72	39	72	39	111
	Others	0	0	0	0	0	0	26	20	26	20	46
12	Shambu	0	0	0	0	5	26	127	110	132	136	268
	Specialist	0	0	0	0	5	26	58	27	63	53	116
	Generalist	0	0	0	0	0	0	12	40	12	40	52
	Integrated	0	0	0	0	0	0	57	43	57	43	100
13	Yabello	0	0	0	0	0	0	0	0	0	0	0
Total Oromia CTEs		0	0	37	10	207	266	1666	962	1910	1238	3148
Specialist		0	0	37	10	152	197	1156	564	1345	771	2116
Generalist		0	0	0	0	0	0	122	149	122	149	271
Integrated		0	0	0	0	55	69	362	229	417	298	715

5.1.2.3. Candidate Teachers in Summer Program

As shown from table, 15,521 (9,033 male & 6,488 female) have been trained in service summer training in 11 CTEs except Adola and Yabello, in the year.

Table 5.1. 3 CTE Candidate Teachers in Summer Diploma Program

Oromia CTEs Candidate Teachers in Summer Diploma Program, 2013 (2020/21G.C)												
SN	CTE/Modality/ Department (Stream)	Year I		Year II		Year III		Year IV		TOTAL		
		M	F	M	F	M	F	M	F	M	F	T
1	Asella	0	0	0	0	459	322	522	413	981	735	1716
	Specialist	0	0	0	0	350	240	322	239	672	479	1151
	Generalist	0	0	0	0	46	50	61	80	107	130	237
	Integrated	0	0	0	0	63	32	89	49	152	81	233
	Others	0	0	0	0	0	0	50	45	50	45	95
2	Bule Hora	0	0	0	0	196	94	282	68	478	162	640
	Specialist	0	0	0	0	173	72	282	68	455	140	595
	Generalist	0	0	0	0	23	22	0	0	23	22	45
3	Chiro	0	0	0	0	219	91	230	186	449	277	726
	Specialist	0	0	0	0	192	73	159	96	351	169	520
	Generalist	0	0	0	0			36	61	36	61	97
	Integrated					27	18	35	29	62	47	109
4	Dembi Dollo	0	0	0	0	240	147	462	370	702	517	1219
	Specialist	0	0	0	0	202	106	418	316	620	422	1042
	Generalist	0	0	0	0	38	41	44	54	82	95	177
5	Fiche	0	0	0	0	147	48	994	491	1141	539	1680
	Specialist	0	0	0	0	107	18	789	308	896	326	1222
	Generalist	0	0	0	0	40	30	205	183	245	213	458
6	Jimma	0	0	350	453	416	381	0	0	766	834	1600
	Linear Modality	0	0	54	35	70	31	0	0	124	66	190
	Cluster Modality	0	0	41	60	32	14	0	0	73	74	147
	Specialist	0	0	208	240	256	196	0	0	464	436	900
	Generalist	0	0	47	118	58	140	0	0	105	258	363
7	Mettu	0	0	0	0	560	674	672	700	1232	1374	2606
	Cluster Modality	0	0	0	0	292	344	343	346	635	690	1325
	Specialist	0	0	0	0	239	230	271	250	510	480	990
	Generalist	0	0	0	0	29	100	58	104	87	204	291
8	Nekemte	0	0	0	0	370	188	393	362	763	550	1313
	Specialist	0	0	0	0	370	188	348	312	718	500	1218
	Generalist	0	0	0	0	0	0	45	50	45	50	95

Oromia CTEs Candidate Teachers Enrolled in Evening Diploma Program, 2013 (2020/21 G.C)												
SN	CTE/Modality/ Department (Stream)	Year I		Year II		Year III		Year IV		TOTAL		
		M	F	M	F	M	F	M	F	M	F	T
9	Robe CTE	0	0	0	0	619	170	452	358	1071	528	1599
	Specialist	0	0	0	0	423	103	315	230	738	333	1071
	Generalist	0	0	0	0	196	67	137	128	333	195	528
10	Sebeta	0	0	0	0	352	222	405	205	757	427	1184
	Linear Modality	0	0	0	0	24	15	29	11	53	26	79
	Cluster Modality	0	0	0	0	328	207	376	194	704	401	1105
11	Shambu CTE	0	0	0	0	197	181	496	364	693	545	1238
	Specialist	0	0	0	0	126	125	267	164	393	289	682
	Generalist	0	0	0	0	14	25	65	100	79	125	204
	Integreted	0	0	0	0	57	31	164	100	221	131	352
Total Oromia CTEs		0	0	350	453	3775	2518	4908	3517	9033	6488	15521
Linear Modality		0	0	54	35	94	46	29	11	177	92	269
Cluster Modality		0	0	41	60	652	565	719	540	1412	1165	2577
Specialist		0	0	208	240	2438	1351	3171	1983	5817	3574	9391
Generalist		0	0	47	118	444	475	651	760	1142	1353	2495
Integrated		0	0	0	0	147	81	288	178	435	259	694
Others		0	0	0	0	0	0	50	45	50	45	95

5.1.3. Oromia CTEs Graduates in Diploma Program

As shown from chart 5.1.1 below, there was 13,284 (8,369 male & 4,915 female) teachers were graduated in Regular, Evening and summer in-service-training programs. Amongst 7,140, 3,552 and 2,592 candidate teachers have been graduated from summer in-service, evening and regular programs respectively.

Chart 5.1. 1 Shares of Graduates in Diploma Program

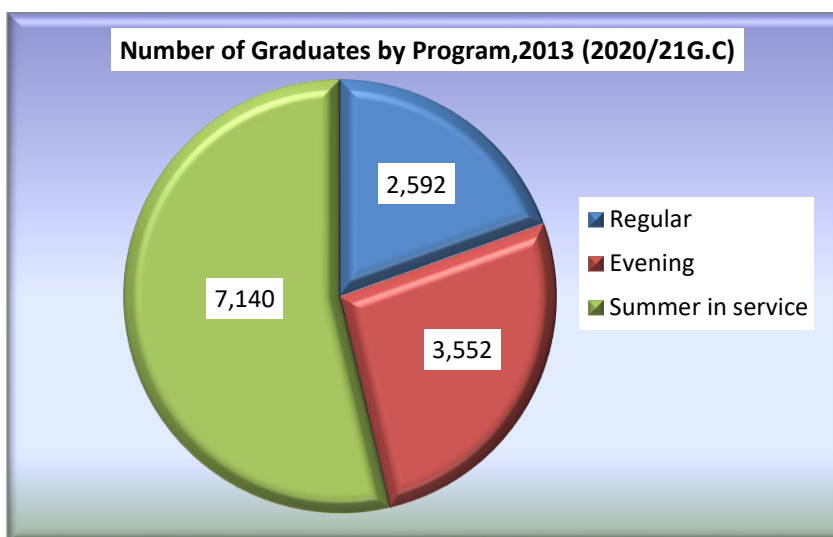


Table 5.1.4 also shows, number of graduated candidate teachers by CTE, program and modality. Accordingly, Fiche, Mettu and Adola CTEs have the highest number of graduates in the academic year by having 1,768, 1,600 and 1,448 respectively. Concerning modality, most of the graduates were from specialist and generalist modalities by having 9,880 and 2,266 respectively.

Table 5.1. 4 Oromia CTEs Graduates in Diploma Program

Oromia CTEs Diploma Graduate in Regular, Evening and Summer Program, in 2013 (2020/21 G.C.)										
SN	CTE/Modality/Department (Stream)	Regular		Evening		Summer		Total		
		M	F	M	F	M	F	M	F	T
1	Adola	291	50	863	244	0	0	1154	294	1448
	Specialist	263	36	787	199	0	0	1050	235	1285
	Generalist	28	14	76	45	0	0	104	59	163
2	Asella	142	40	109	31	522	413	773	484	1257
	Linear Modality	31	4	0	0	0	0	31	4	35
	Specialist	44	20	85	28	322	239	451	287	738
	Generalist	0	0	0	0	61	80	61	80	141
	Integrated	67	16	24	3	89	49	180	68	248
	Others	0	0	0	0	50	45	50	45	95
3	Bule Hora	88	39	101	23	282	68	471	130	601
	Specialist	88	39	76	17	282	68	446	124	570
	Generalist	0	0	25	6	0	0	25	6	31
4	Chiro	77	8	28	13	230	186	335	207	542
	Specialist	63	8	28	13	194	125	285	146	431
	Generalist	14	0	0	0	36	61	50	61	111
5	Dembi Dollo	145	169	231	184	0	0	376	353	729
	Specialist	120	142	210	137	0	0	330	279	609
	Generalist	25	27	21	47	0	0	46	74	120
6	Fiche	51	28	125	79	994	491	1170	598	1768
	Specialist	51	28	92	43	795	300	938	371	1309
	Generalist	0	0	33	36	199	191	232	227	459
7	Jimma	209	105	222	146	0	0	431	251	682
	Linear Modality	65	38	94	30	0	0	159	68	227
	Specialist	131	58	128	116	0	0	259	174	433
	Generalist	13	9	0	0	0	0	13	9	22
8	Mettu	185	134	260	151	422	448	867	733	1600
	Specialist	168	116	241	132	364	303	773	551	1324
	Generalist	17	18	19	19	58	145	94	182	276
9	Nekemte	144	70	0	0	389	367	533	437	970
	Linear Modality	0	0	0	0	32	19	32	19	51
	Specialist	132	66	0	0	312	298	444	364	808
	Generalist	12	4	0	0	45	50	57	54	111
10	Robe	155	55	196	90	452	358	803	503	1306
	Specialist	120	46	177	72	365	247	662	365	1027
	Generalist	35	9	19	18	87	111	141	138	279

Oromia CTEs Diploma Graduate in Regular, Evening and Summer Program, in 2013 (2020/21 G.C.)

SN	CTE/Modality/Department (Stream)	Regular		Evening		Summer		Total		
		M	F	M	F	M	F	M	F	T
11	Sebeta	87	44	135	83	405	205	627	332	959
	Specialist	80	36	109	63	322	144	511	243	754
	Generalist	7	8	26	20	83	61	116	89	205
12	Shambu	114	83	128	110	518	390	760	583	1343
	Specialist	56	29	58	27	232	111	346	167	513
	Integrated Science	39	31	57	43	186	126	282	200	482
	Generalist	19	23	13	40	100	153	132	216	348
13	Yabello	69	10	0	0	0	0	69	10	79
	Specialist	69	10	0	0	0	0	69	10	79
Total Oromia CTEs		1757	835	2398	1154	4214	2926	8369	4915	13284
Linear Modality		96	42	94	30	32	19	222	91	313
Specialist		1385	634	1991	847	3188	1835	6564	3316	9880
Generalist		170	112	232	231	669	852	1071	1195	2266
Integrated		106	47	81	46	275	175	462	268	730
Others		0	0	0	0	50	45	50	45	95

5.2. CTEs' Academic and Technical Staff by Education Level

5.2.1. Full-time 'CTE's Academic Staff by Education Level

As indicated in table 5.2.1 below, there were a total number of 679 instructors/lecturers in all Oromia CTEs, where 577 (M=546, F=31) of them are lecturers with a gender imbalance of 94.6% in favor of male.

Table 5.2. 1 Full-time 'CTE's Academic Staff by rank

Oromia CTEs Full-Time Academic Staff by Rank, 2013(2020/21 G.C)																				
S.N	CTEs	Graduate Assistant I		Graduate Assistant II		Assistant Lecturer		Lecturer		Assistant Professor		Associate Professor		Professor		Others		Total		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T
1	Adola	0	0	0	0	2	0	35	2	0	0	0	0	0	0	0	0	37	2	39
2	Asella	0	0	0	0	11	1	47	6	4	0	0	0	0	0	4	0	66	7	73
3	Bule Hora	0	0	0	0	2	1	29	2	0	0	0	0	0	0	2	1	33	4	37
4	Chiro	0	0	2	0	2	1	28	1	0	0	0	0	0	0	0	0	32	2	34
5	Dembi Dollo	0	0	1	0	8	0	36	3	0	0	0	0	0	0	0	0	45	3	48
6	Fiche	0	0	1	0	2	2	47	3	0	0	0	0	0	0	1	1	51	6	57
7	Jimma	0	0	1	2	0	0	56	2	0	0	0	0	0	0	5	0	62	4	66
8	Mettu	0	0	0	0	3	0	48	1	1	0	0	0	0	0	2	0	54	1	55
9	Nekemte	0	0	3	0	4	0	52	3	4	0	0	0	0	0	0	0	63	3	66
10	Robe	0	0	2	1	11	3	57	0	0	0	0	0	0	0	0	0	70	4	74
11	Sebeta	0	0	0	0	3	0	63	8	0	0	0	0	0	0	0	0	66	8	74
12	Shambu	0	1	0	0	6	0	34	0	0	0	0	0	0	0	0	0	40	1	41
13	Yabello	1	0	0	0	0	0	14	0	0	0	0	0	0	0	0	0	15	0	15
Oromia CTEs		1	1	10	3	54	8	546	31	9	0	0	0	0	0	14	2	634	45	679

5.2.2. CTEs Administrative Staff by Education Level

As indicated in table 5.2.2 below, there were a total number of 1,139 administrative staff in CTEs, of which only 22 (1.9%) of them are with second degree. Most (43.0%) of the administrative staff in CTEs are with education qualification with and below level III.

Table 5.2. 2 'CTE's Administrative Staff by Education Level

Oromia CTEs Administrative Staff by Education Level, 2013 (2020/21G.C)																
SN	College of Teachers' Education	Level III & Below		Level IV		Level V		Diploma or Equivalent		Bachelors		Masters		Total		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	T
1	Adola	23	23	6	5	0	0	3	4	15	10	2	0	49	42	91
2	Asella	21	12	10	13	0	0	4	1	13	22	2	0	50	48	98
3	Bule Hora	23	31	8	6	0	0	6	4	8	12	1	0	46	53	99
4	Chiro	26	18	5	10	0	0	0	0	8	11	1	0	40	39	79
5	Dembi Dollo	37	5	3	1	0	0	17	7	22	12	0	0	79	25	104
6	Fiche	19	9	7	9	0	0	1	1	12	17	1	0	40	36	76
7	Jimma	23	16	5	14	0	0	0	0	8	14	1	1	37	45	82
8	Mettu	34	36	0	0	0	4	0	0	11	16	3	0	48	56	104
9	Nekemte	20	16	5	8	0	0	3	1	6	31	1	0	35	56	91
10	Robe	17	11	8	7	0	0	5	5	15	21	2	0	47	44	91
11	Sebeta	17	17	10	9	0	0	1	7	11	22	1	0	40	55	95
12	Shambu	16	4	7	1	0	0	6	8	18	14	2	0	49	27	76
13	Yabello	7	9	6	8	0	0	0	0	13	6	3	1	29	24	53
Oromia CTEs		283	207	80	91	0	4	46	38	160	208	20	2	589	550	1139