

Zambia

Educational Statistical Bulletin

2014



Republic of Zambia
Ministry of General Education

Prepared by: Directorate of Planning and Information

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It is important to note that the Ministry has been using population projections from Central Statistics Office (CSO) to calculate the indicators herein. The CSO projections are based on the 2000 census, and have not been adjusted to account for migration, lower birth rates, increased death rates, or other demographic trends. However, this ESB for 2014 uses population data and projections from the 2010 CSO Census. The MOGE is aware that enrolment for some age groups may exceed the current population estimates, and has been working with the CSO to adjust the population projections. Please note that data designated as "unknown" in tables was either reported as "unknown" or was not reported on the returned ASC questionnaires.

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ACRONYMS

ASC	Annual School Census
AIDS	Acquired Immune Deficiency Syndrome
APU	Academic Production Unit
BESSIP	Basic Education Sub-Sector Investment Programme
CBO	Community Based Organizations
CP	Cooperating Partners
CS	Community Schools
CSEN	Children with Special Education Needs
CSO	Central Statistical Office
ECCDE	Early Childhood Care, Development and Education
ECE	Early Childhood Education
ECZ	Examinations Council of Zambia
EoF	Educating Our Future
ESB	Educational Statistical Bulletin
EMIS	Education Management Information System
GER	Gross Enrollment Rate
GIR	Gross Intake Rate
GPI	Gender Parity Index
GRZ	Government of the Republic of Zambia
HIV	Human Immunodeficiency Virus
IRI	Interactive Radio Instruction
MoGE	Ministry of General Education
MoESP	Ministry of Education Strategic Plan
MDG	Millennium Development Goal
NER	Net Enrollment Rate
NIR	Net Intake Rate
NISTCOL	National In-Service Training College
OVC	Orphans and Vulnerable Children
PBR	Pupil Book Ratio
R-SNDP	Revised National Development Plan

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Chapter 1: EDUCATION in ZAMBIA

MOGE Mission

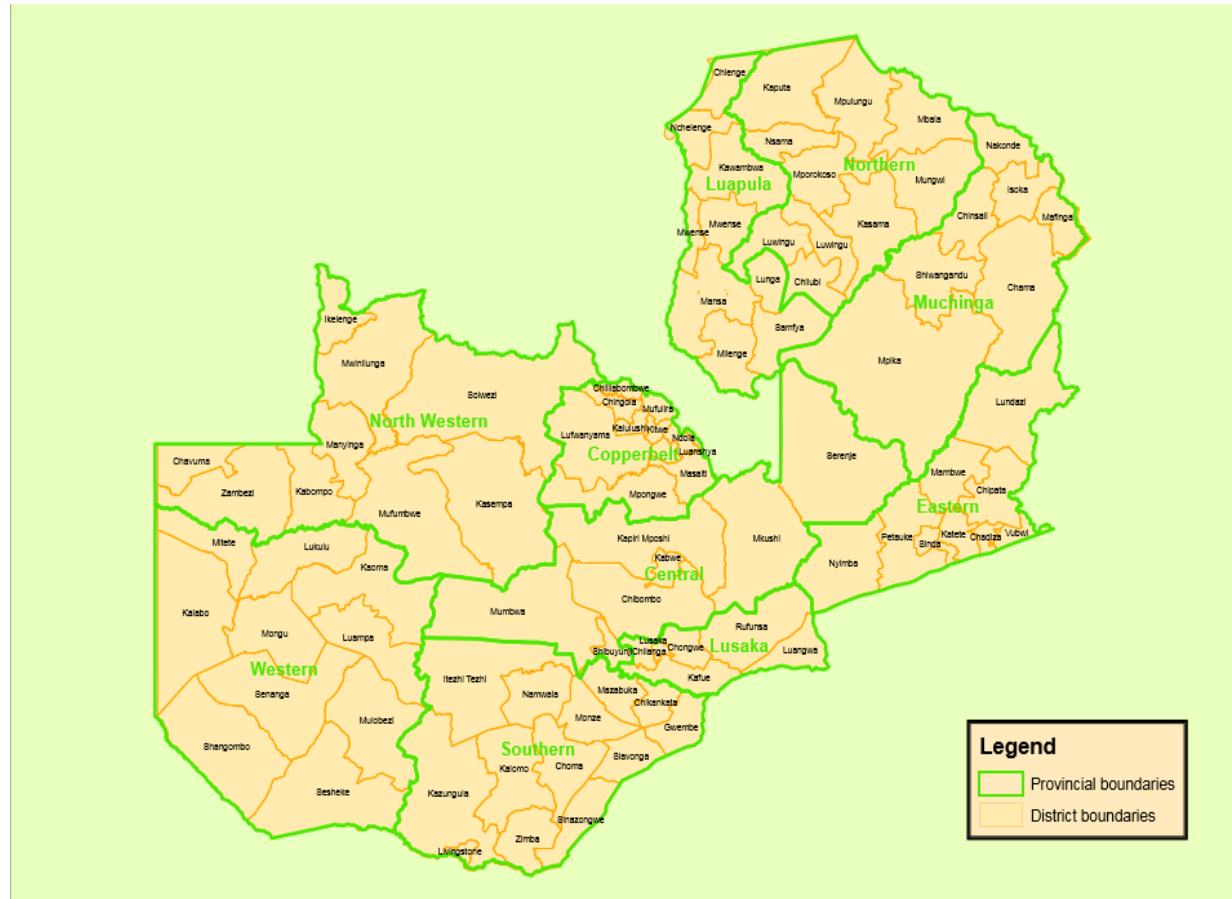
The mission of the Ministry of General Education (MoGE) is to guide the provision of education for all Zambians so that they are able to pursue knowledge and skills, manifest excellence in performance and moral uprightness, defend democratic ideals, and accept and value other persons on the basis of their personal worth and dignity, irrespective of gender, religion, ethnic origin, or any other discriminatory characteristic.

Geography

Zambia is a land-locked country covering an area of approximately **752,614 square kilometres** (CSO, 2010). Its eight neighbouring countries are the Democratic Republic of Congo to the north, Tanzania to the north-east, Malawi to the east, Mozambique, Zimbabwe, Botswana and Namibia to the south, and Angola to the west. Zambia has a tropical climate, with three distinct seasons: the rainy season (November to mid-March), the cool dry season (mid-March to mid-July), and the hot dry season (mid-July to November).

Population

The last Zambian census was carried out in 2010, by the Central Statistics Office (CSO). At this time Zambia's 2014 population was projected at 15.02 million. Several of the educational indicators herein are dependent on accurate population data. However, there is a growing consensus that currently available demographic data in Zambia underestimates the total number of school-aged children. These statistics should therefore be reviewed with caution, as inaccurate population data will lead to flawed data. Additional reasons for flawed data may include increased birth rates, lower death rates, incorrect birth dates, migration, or other. The MOGE is working with the CSO to adjust the education data for 2010.



Background

Zambia's Education System consists of early childhood education (ECE), primary, secondary and professional or tertiary levels. ECE (pre-school) provides education for children aged 3-6 years while primary level runs from grades 1 to 7 and the secondary level runs from grades 8 to 12. The Tertiary Education level includes universities and colleges.

In addition to the formal system, there is a non-formal education system that operates to serve, among others, displaced persons, school-age children who have either dropped out of school or have never attended formal school, geographically isolated children, street and working children, as well as adults that want to be literate. The MoGE recognizes two alternative approaches to primary schooling, which are Community Schools and Interactive Radio Instruction Centres provided by Education Broadcasting Services. The Ministry has equally recognised Open and Distance Learning (including e-learning) as a mode of education provision.

The development and launch of the Sixth National Development Plan (SNDP) running from 2011 to 2015 - which was later revised (R-SNDP) and extended to 2016 by the Government through the Ministry of Finance - spearheaded the development of the Education Sector chapter. The R-SNDP is a national document that has been translated into sector plans. In line with the R-SNDP, the Ministry formulated the National Implementation Framework (NIF III), which has also been extended to 2016. The purpose of the NIF is to serve as a guide for the articulation of the broad developmental objectives of the R-SNDP into identified activities that would later be defined and re-defined in the Annual Work Plans and Budgets. In this regard, NIF III is the R-SNDP's operational tool at all levels of the education system from the Ministry Headquarters right up to the schools. Secondly, NIF III also serves as an important instrument for monitoring implementation performance (targeting mainly outcomes and impact). In this respect, it should provide the framework for tracking resource application. Consequently, NIF should enable Cooperating Partners to monitor the effectiveness of their support to the education sector. It should also help in mobilising external support through, for example, the Global Partnership for Education (GPE) and new bilateral country agreements. It is noteworthy that 2007 marked the end of the Ministry of Education Strategic Plan 2003-2007 (MoESP) as well as the conclusion of most of the current cooperation agreements between the Ministry of Education and its Cooperating Partners, including those working within the context of the sector pool (JASZ included).

The Ministry also had a lot of planning meetings with Cabinet office, Ministry of Local Government and Housing and other stakeholders on the decentralization and devolution of ECE, primary education and adult education to the local authority. Preparations for the implementation of the National Decentralisation Policy in which the Ministry of Education is expected to devolve the stated functions to local authorities have since reached an advanced stage in line with Cabinet Circular no. 10 of 2014.

The Ministry has also started revising its Education Policy and the Education Act as well as formulating the ECE policy. All these regulatory frameworks are expected to include issues of devolution, the implementation of the Teaching Council, Higher Education Authority as well as the Qualification Framework.

CHAPTER 3: NATIONAL SUMMARY

Primary & High Schools		
# schools gr. 1-12	Total	9 548
	Primary	8 754
	Sec	794

Enrolment Indicators		
# of students	Total	4 019 466
	Primary	3 217 872
	Sec	801 594
Gross Intake Rate	Primary	113.7%
Net Intake Rate	Primary	53.4%
Gross Enrollment Rate	Primary	104.0%
	Sec	32.3%
Net Enrollment Rate	Primary	94.3%
	Sec	27.9%

Efficiency Indicators		
Transition Rate	Primary	59.3%
	Sec	42.2%
Repetition Rate	Primary	7.1%
	Sec	1.5%
Dropout Rate	Primary	1.8%
	Sec	1.1%

Equity Indicators		
Gender Parity Index	Primary	0.99
	Sec	0.85
Out-of-school children Age 7-13	Male	109 692
	Female	88 065
Orphans	Primary	450 770
	Sec	172 765
CSEN	Primary	89 135
	Sec	7 471
Pregnancies	Primary	13 275
	Sec	3 103
Readmissions	Primary	5 322
	Sec	2 069

Teachers		
# of teachers	Total	100 813
	Primary	78 395
	Sec	22 418
Qualification	Degree	7 581
	Diploma	36 874
	Certificate	47 801
	Untrained/Unknown	8 355
Teacher Attrition	Primary	8 351
	Sec	1 335
Pupil Teacher Ratio	Primary	55.3
	Sec	36.0

Quality Indicators		
Completion Rate	To Grade 9	57.9%
	To Grade 12	31.7%
Survival to Grade 5	Primary	70.7%
Exam Pass Rate	Primary	90.0%
	Sec	56.5%
Pupil Book Ratio	Primary	0.83
	Sec	1.40
Pupil Classroom Ratio	Primary	41.8
	Sec	52.0
Contact Hours	Primary	4.8
	Sec	6.4

Infrastructure		
# of classrooms	Total	57 225
	Primary	47 752
	Sec	9 473
Classroom structure	Permanent	46 428
	Incomplete	6 093
	Temporary	4 704

Tertiary		
Enrollment	University	22753
	College	8659
Staffing	University	373
	College	1344

CHAPTER 2: PROVINCIAL SUMMARIES

CENTRAL PROVINCE		
Number of schools	Total	1 095
Type of school	Primary School	1 022
	Secondary School	73
Number of students	Total	476 542
School phase	Primary School	385 029
	Secondary School	91 513
Number of teachers	Total	11 842
School phase	Primary School	9 341
	Secondary School	2 501
Pupil Teacher Ratio	Primary School	53.4
	Secondary School	36.0
Number of classrooms	Total	6 351
Structure	Permanent	4 918
	Incomplete	752
	Temporary	681

COPPERBELT PROVINCE		
Number of schools	Total	1 186
Type of school	Primary School	1 039
	Secondary School	147
Number of students	Total	660 019
School phase	Primary School	456 264
	Secondary School	203 755
Number of teachers	Total	19 289
School phase	Primary School	14 250
	Secondary School	5 039
Pupil Teacher Ratio	Primary School	42.9
	Secondary School	42.5
Number of classrooms	Total	9 090
Structure	Permanent	8 282
	Incomplete	452
	Temporary	356

2014 Provincial Summaries

The provincial education summaries provide a concise summary of key education indicators across the en provinces. District and school level data is available in the 2014 ED*ASSIST.

EASTERN PROVINCE

Number of schools	Total	1 126
Type of school	Primary School	1 044
	Secondary School	82

Number of students	Total	438 717
School phase	Primary School	369 644
	Secondary School	69 073

Number of teachers	Total	9 377
School phase	Primary School	7 317
	Secondary School	2 060
Pupil Teacher Ratio	Primary School	66.1
	Secondary School	32.0

Number of classrooms	Total	5 519
Structure	Permanent	4 322
	Incomplete	567
	Temporary	630

LUAPULA PROVINCE

Number of schools	Total	689
Type of school	Primary School	626
	Secondary School	63

Number of students	Total	308 345
School phase	Primary School	257 834
	Secondary School	50 511

Number of teachers	Total	6 469
School phase	Primary School	5 227
	Secondary School	1 242
Pupil Teacher Ratio	Primary School	101.8
	Secondary School	40.2

Number of classrooms	Total	3 954
Structure	Permanent	3 304
	Incomplete	349
	Temporary	301

LUSAKA PROVINCE

Number of schools	Total	901
Type of school	Primary School	787
	Secondary School	114

Number of students	Total	516 922
School phase	Primary School	394 845
	Secondary School	122 077

Number of teachers	Total	15 398
School phase	Primary School	11 701
	Secondary School	3 697
Pupil Teacher Ratio	Primary School	44.7
	Secondary School	39.0

Number of classrooms	Total	7 830
Structure	Permanent	7 463
	Incomplete	146
	Temporary	221

MUCHINGA PROVINCE

Number of schools	Total	741
Type of school	Primary School	688
	Secondary School	53

Number of students	Total	245 979
School phase	Primary School	213 566
	Secondary School	32 413

Number of teachers	Total	5 230
School phase	Primary School	3 996
	Secondary School	1 234
Pupil Teacher Ratio	Primary School	65.5
	Secondary School	24.4

Number of classrooms	Total	3 396
Structure	Permanent	2 246
	Incomplete	646
	Temporary	504

NORTH WESTERN PROVINCE

Number of schools	Total	786
Type of school	Primary School	704
	Secondary School	82

Number of students	Total	275 969
School phase	Primary School	215 889
	Secondary School	60 080

Number of teachers	Total	6 652
School phase	Primary School	4 935
	Secondary School	1 717
Pupil Teacher Ratio	Primary School	54.6
	Secondary School	38.8

Number of classrooms	Total	3 750
Structure	Permanent	2 873
	Incomplete	495
	Temporary	382

NORTHERN PROVINCE

Number of schools	Total	925
Type of school	Primary School	885
	Secondary School	40

Number of students	Total	321 449
School phase	Primary School	287 928
	Secondary School	33 521

Number of teachers	Total	6 820
School phase	Primary School	5 636
	Secondary School	1 184
Pupil Teacher Ratio	Primary School	66.0
	Secondary School	26.7

Number of classrooms	Total	4 766
Structure	Permanent	3 448
	Incomplete	753
	Temporary	565

SOUTHERN PROVINCE

Number of schools	Total	1 218
Type of school	Primary School	1 112
	Secondary School	106

Number of students	Total	494 360
School phase	Primary School	405 858
	Secondary School	88 502

Number of teachers	Total	12 806
School phase	Primary School	10 016
	Secondary School	2 790
Pupil Teacher Ratio	Primary School	53.6
	Secondary School	31.7

Number of classrooms	Total	7 836
Structure	Permanent	6 595
	Incomplete	605
	Temporary	636

WESTERN PROVINCE

Number of schools	Total	881
Type of school	Primary School	847
	Secondary School	34

Number of students	Total	281 164
School phase	Primary School	231 015
	Secondary School	50 149

Number of teachers	Total	6 930
School phase	Primary School	5 976
	Secondary School	954
Pupil Teacher Ratio	Primary School	54.5
	Secondary School	39.3

Number of classrooms	Total	588
Structure	Permanent	522
	Incomplete	51
	Temporary	15

CHAPTER 4: PRIMARY & SECONDARY SCHOOLS

Table 1 Numbers of Primary Schools By Agency from 2005 to 2014

	Year										Avg annual growth rate 2005 - 2014	Percentage change 2013 - 2014
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014		
Total	8412	7639	8013	8195	7639	8493	8362	8359	8801	8754	1.5%	-0.5%
			7756	7874	7994	8116	8240	8365	8493	8622		
GRZ/GA	5143	4709	4918	4790	4709	4903	5016	5219	5420	5474	1.7%	1.0%
Priv/Church	2758	354	387	411	354	739	709	498	485	616	6.3%	27.0%
Community/Unknown	511	2576	2708	2994	2576	2851	2637	2642	2896	2664	0.4%	-8.0%

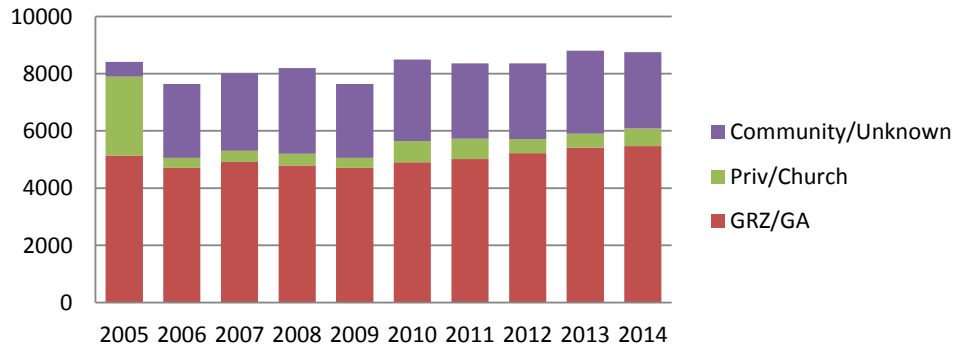
Table 2 Numbers of Secondary Schools By Agency from 2005 to 2014

	Year										Avg annual growth rate 2005 - 2014	Percentage change 2013 - 2014
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014		
Total	396	544	583	599	544	646	631	663	683	794	8.0%	16.3%
GRZ/GA	310	447	459	464	447	498	487	501	522	616	7.9%	18.0%
Priv/Church/Communit	86	97	124	135	97	148	144	162	161	178	8.4%	10.6%

Distribution of Schools

The following tables show the number of primary and secondary schools, disaggregated by year, agency, location and type of school. It should be noted that the ESB traditionally reflects the schools that submitted the ASC questionnaires. These were 8,754 primary and 794 secondary schools in 2014. There was a reduction of 0.5 percent in primary schools and an increase of 16.3 percent in secondary schools against the previous year. The decline in primary schools and increase in the number of secondary schools is attributed to the upgrading of some primary schools to secondary schools and also the opening of new secondary schools, especially private schools.

Number of Primary Schools by Agency From 2005-2014



Numbers of Secondary Schools By Agency from 2005-2014

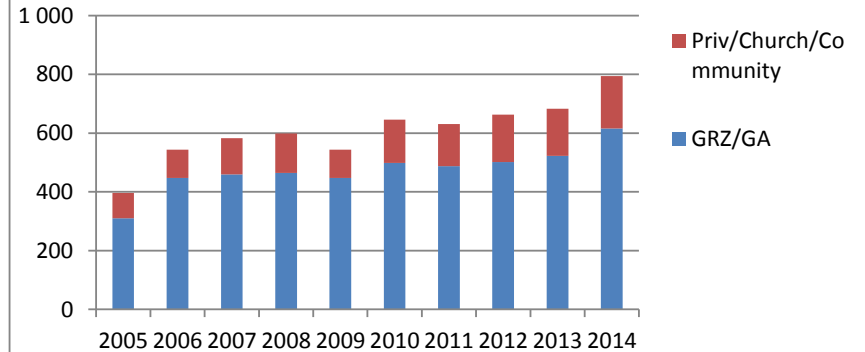


Table 3 Numbers of Primary and Secondary Schools By Agency from 2005 to 2014

	Year										Average annual growth rate 2005 - 2014	Percentage change 2013 - 2014
	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014		
Total	7 368	8 183	8 596	8 794	8 783	9 137	8 993	9 022	9 484	9 548	2.9%	0.7%
<i>Agencies</i>												
GRZ/GA	4 979	5 156	5 377	5 254	5 514	5 656	5 719	5 720	5 942	6 090	2.3%	2.5%
Priv/Church/Communit	2 389	3 027	3 219	3 540	3 269	3 481	3 274	3 302	3 542	3 458	4.2%	-2.4%

Table 4 Numbers of Primary and Secondary Schools by Running Agency and Province

	Primary Schools					Secondary Schools					Total
	GRZ	Private	GA	Comm/Un	Total	GRZ	Private	GA	Comm./Ur	Total	
National	5 233	616	241	2 664	8 754	530	128	86	50	794	9 548
<i>Provinces</i>											
CENTRAL	609	45	20	348	1 022	51	10	8	4	73	1 095
COPPERBELT	462	219	28	330	1 039	91	31	9	16	147	1 186
EASTERN	640	28	36	340	1 044	52	8	14	8	82	1 126
LUAPULA	439	25	12	150	626	53	2	5	3	63	689
LUSAKA	257	164	31	335	787	50	52	7	5	114	901
MUCHINGA	439	21	9	219	688	48	0	1	4	53	741
NORTH WESTERN	493	10	25	176	704	70	6	3	3	82	786
NORTHERN	580	14	23	268	885	25	3	10	2	40	925
SOUTHERN	719	70	44	279	1 112	65	14	23	4	106	1 218
WESTERN	595	20	13	219	847	25	2	6	1	34	881

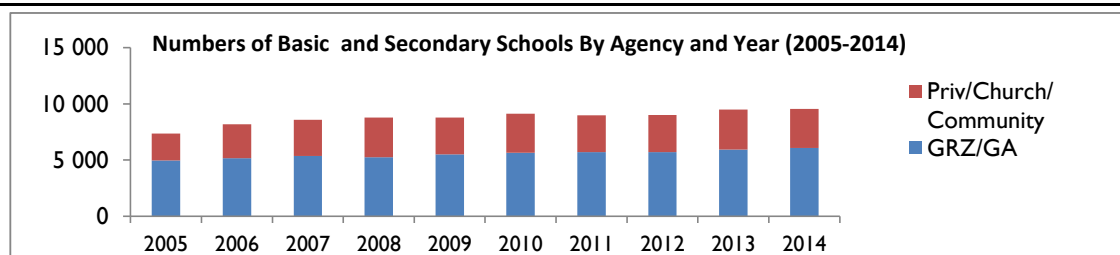


Table 5 Numbers of Primary and Secondary Schools by Location and Province

	Primary Schools					Secondary Schools					Total Schools
	Urban	Rural	% Rural	Total	% of Total	Urban	Rural	% Rural	Total	% of Total	
National	1 594	7 160	81.8	8 754	100	348	446	56.2	794	100	9 548
<i>Provinces</i>											
CENTRAL	115	907	88.7	1 022	11.7	30	43	58.9	73	9.2	1 095
COPPERBELT	561	478	46.0	1 039	11.9	111	36	24.5	147	18.5	1 186
EASTERN	58	986	94.4	1 044	11.9	17	65	79.3	82	10.3	1 126
LUAPULA	40	586	93.6	626	7.2	7	56	88.9	63	7.9	689
LUSAKA	510	277	35.2	787	9.0	91	23	20.2	114	14.4	901
MUCHINGA	47	641	93.2	688	7.9	11	42	79.2	53	6.7	741
NORTH WESTERN	34	670	95.2	704	8.0	12	70	85.4	82	10.3	786
NORTHERN	52	833	94.1	885	10.1	17	23	57.5	40	5.0	925
SOUTHERN	134	978	87.9	1 112	12.7	40	66	62.3	106	13.4	1 218
WESTERN	43	804	94.9	847	9.7	12	22	64.7	34	4.3	881

Location of Schools

Table 5 shows that the majority of schools in the country are located in rural areas, namely 81.8% of all primary and 56.2% of all secondary schools. Southern province recorded the most primary schools and Luapula province the least whereas in the case of Secondary schools, Copperbelt recorded the highest

Table 6 Number of Schools By Grades Offered and Province

	Grades 1-4	Grades 1-7	Grades 1-9	Grades 1-12	Grades 8-9	Grades 8-12	Grades 10-12	Unknown	Total
National	551	3 864	2 821	66	16	403	25	1 802	9 548
<i>Provinces</i>									
CENTRAL	63	432	361	11	0	37	2	189	1 095
COPPERBELT	65	411	330	20	2	82	5	271	1 186
EASTERN	54	472	289	4	1	50	1	255	1 126
LUAPULA	32	262	217	0	6	24	1	147	689
LUSAKA	27	354	263	22	3	56	3	173	901
MUCHINGA	56	365	150	2	0	24	0	144	741
NORTH WESTERN	30	348	184	2	1	41	0	180	786
NORTHERN	98	433	216	2	0	27	0	149	925
SOUTHERN	85	454	488	2	3	42	10	134	1 218
WESTERN	41	333	323	1	0	20	3	160	881

Percentage of Schools By Grades Offered Nationally

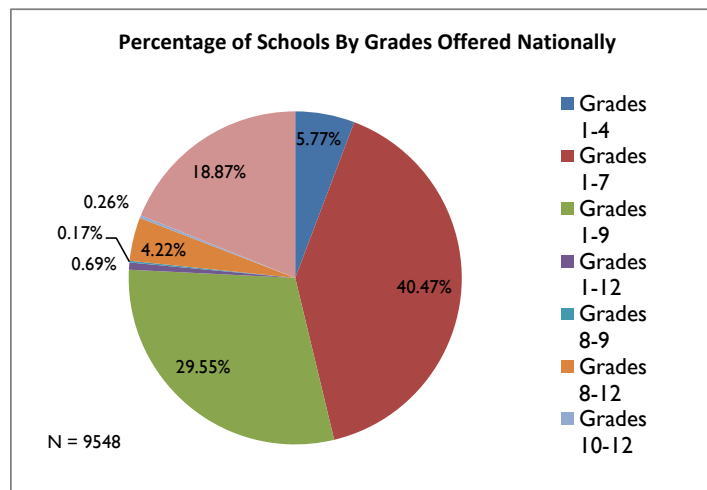


Table 7 Primary Schools By Grades Offered and Province

Province	Grades 1-4	Grades 1-7	Grades 1-9	Grades 8-9	Other	Total
National	551	3864	2821	16	1502	8754
<i>Provinces</i>						
CENTRAL	63	432	361	0	166	1022
COPPERBELT	65	411	330	2	231	1039
EASTERN	54	472	289	1	228	1044
LUAPULA	32	262	217	6	109	626
LUSAKA	27	354	263	3	140	787
MUCHINGA	56	365	150	0	117	688
NORTH WESTERN	30	348	184	1	141	704
NORTHERN	98	433	216	0	138	885
SOUTHERN	85	454	488	3	82	1112
WESTERN	41	333	323	0	150	847

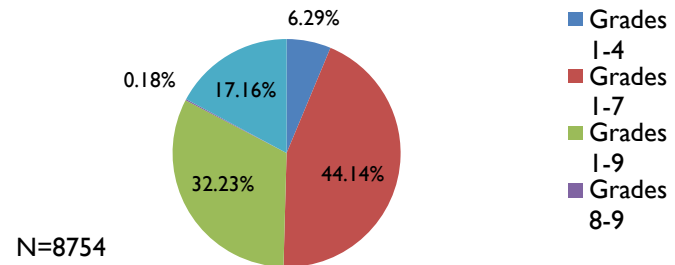
Table 8 Secondary Schools By Grades Offered and Province

Province	Grades 8-12	Grades 1-12	Grades 10-12	Other	Total
National	403	66	25	300	794
<i>Provinces</i>					
CENTRAL	37	11	2	23	73
COPPERBELT	82	20	5	40	147
EASTERN	50	4	1	27	82
LUAPULA	24	0	1	38	63
LUSAKA	56	22	3	33	114
MUCHINGA	24	2	0	27	53
NORTH WESTERN	41	2	0	39	82
NORTHERN	27	2	0	11	40
SOUTHERN	42	2	10	52	106
WESTERN	20	1	3	10	34

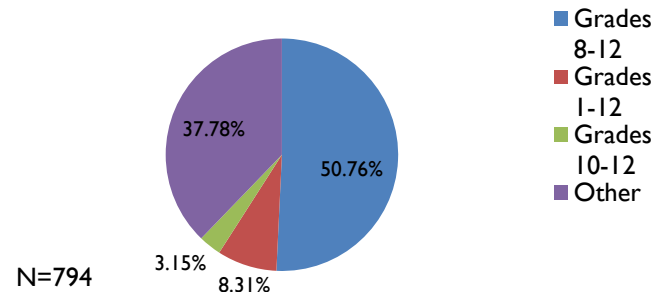
Schools by Grades Offered

Tables 7 and 8 show schools by grades offered. In Zambia, some schools are classified as (Gr 1-4, Gr 1-7, Gr 1-9, Gr 8-9). Likewise, secondary schools are classified as secondary (Gr 8-12, Gr 1-12, Gr 10-12). Mostly private secondary schools offer Grades 1-12 as opposed to Government and Grant Aided schools.

Number of Primary Schools By Grades Offered Nationality



Number of Secondary Schools By Grades Offered Nationally



CHAPTER 5: ENROLMENT

Table 9 Enrolment by Sex, Year, Grade and Grade Group 2009 to 2014

		Year						Average annual growth rate 2009 - 2014	Percentage change 2013 - 2014
		2009	2010	2011	2012	2013	2014		
National	Tot	3 617 160	3 390 117	3 653 709	3 879 437	3 818 336	4 019 466	2.1%	5.3%
	Male	1 846 945	1 708 012	1 858 574	1 968 038	1 935 949	2 035 339	2.0%	5.1%
	Female	1 770 215	1 682 105	1 795 135	1 911 399	1 911 399	1 984 127	2.3%	3.8%
Grade									
Grade 1	Tot	508 264	469 313	522 706	544 817	531 792	544 949	1.4%	2.5%
	Male	253 401	232 783	258 852	269 157	262 720	269 750	1.3%	2.7%
	Female	254 863	236 530	263 854	275 660	269 072	275 199	1.5%	2.3%
Grade 2	Tot	475 873	436 634	477 993	495 555	497 535	521 128	1.8%	4.7%
	Male	235 760	217 688	238 423	246 805	247 339	258 820	1.9%	4.6%
	Female	240 113	218 946	239 570	248 750	250 196	262 308	1.8%	4.8%
Grade 3	Tot	446 970	432 322	461 486	473 936	472 134	503 759	2.4%	6.7%
	Male	224 496	214 290	231 090	237 319	236 208	251 419	2.3%	6.4%
	Female	222 474	218 032	230 396	236 617	235 926	252 340	2.6%	7.0%
Grade 4	Tot	428 694	405 369	448 511	459 633	448 805	477 517	2.2%	6.4%
	Male	214 874	203 049	225 089	229 556	224 565	238 318	2.1%	6.1%
	Female	213 820	202 320	223 422	230 077	224 240	239 199	2.3%	6.7%
Grade 5	Tot	396 306	379 976	407 720	425 422	415 463	425 483	1.4%	2.4%
	Male	201 259	192 674	205 799	213 514	208 866	213 476	1.2%	2.2%
	Female	195 047	187 302	201 921	211 908	206 597	212 007	1.7%	2.6%
Grade 6	Tot	359 805	344 951	372 358	383 211	375 795	393 630	1.8%	4.7%
	Male	183 661	175 722	188 744	194 011	190 410	199 968	1.7%	5.0%
	Female	176 144	169 229	183 614	189 200	185 385	193 662	1.9%	4.5%
Grade 7	Tot	328 063	352 453	339 346	352 868	333 637	351 406	1.4%	5.3%
	Male	175 183	171 277	177 999	178 204	170 673	181 997	0.8%	6.6%
	Female	152 880	181 176	161 347	174 664	162 964	169 409	2.1%	4.0%

Enrolment

As seen in Table 9, between 2009 and 2014, the total number of pupils in primary and secondary schools (grades 1-12) increased from 3,617,160 million (2009) to 4,194,66 million (2014). This enrollment indicates an annual growth rate of 1.8% from 2009 to 2014, an increase which has been largely attributed to the introduction of the Free Primary Education Policy (2002) and the growing number of community schools. Table 9 shows that total male enrolment in 2014 (for grades 1-12) was 2,035,339 million while female enrollment was 1,984,127 million.

Table 10 on the following page, shows enrolment by grades and sex across the provinces.

Table 9 Enrolment by Sex, Year, Grade and Grade Group 2009 to 2014 (Continued)

Grades		Year						Average annual growth rate 2009 - 2014	Percentage change 2009 - 2014
		2009	2010	2011	2012	2013	2014		
Grade 8	T	207 035	175 438	191 992	222 959	222 086	230 855	1.8%	3.9%
	Male	109 085	90 995	100 889	114 982	114 260	117 902	1.3%	3.2%
	Female	97 950	84 443	91 103	107 977	107 826	112 953	2.4%	4.8%
Grade 9	T	201 355	168 112	188 578	233 325	229 077	242 759	3.2%	6.0%
	Male	107 611	89 588	101 560	125 012	122 592	126 728	2.8%	3.4%
	Female	93 744	78 524	87 018	108 313	106 485	116 031	3.6%	9.0%
Grade 10	T	95 395	67 965	74 501	102 793	98 367	113 194	2.9%	15.1%
	Male	52 001	36 833	40 398	55 976	53 219	60 675	2.6%	14.0%
	Female	43 394	31 132	34 103	46 817	45 148	52 519	3.2%	16.3%
Grade 11	T	94 059	85 615	87 307	96 365	102 996	109 677	2.6%	6.5%
	Male	47 811	43 473	44 409	54 376	55 603	59 179	3.6%	6.4%
	Female	46 248	42 142	42 898	41 989	47 393	50 498	1.5%	6.6%
Grade 12	T	75 341	71 969	81 211	88 553	90 649	105 109	5.7%	16.0%
	Male	41 803	39 640	45 322	49 126	49 494	57 107	5.3%	15.4%
	Female	33 538	32 329	35 889	39 427	41 155	48 002	6.2%	16.6%
Grade Group									
Grades 1-7	Tc	2 943 975	2 821 018	3 030 120	3 135 442	3 075 161	3 217 872	1.5%	4.6%
	Male	1 488 634	1 407 483	1 525 996	1 568 566	1 540 781	1 613 748	1.4%	4.7%
	Female	1 455 341	1 413 535	1 504 124	1 566 876	1 534 380	1 604 124	1.6%	4.5%
Grades 1-9	Ti	3 352 365	3 164 568	3 410 690	3 591 726	3 526 324	3 691 486	1.6%	4.7%
	Male	1 705 330	1 588 066	1 728 445	1 808 560	1 777 633	1 858 378	1.4%	4.5%
	Female	1 647 035	1 576 502	1 682 245	1 783 166	1 748 691	1 833 108	1.8%	4.8%
Grades 8-9	Tc	408 390	343 550	380 570	456 284	451 163	473 614	2.5%	5.0%
	Male	216 696	180 583	202 449	239 994	236 852	244 630	2.0%	3.3%
	Female	191 694	162 967	178 121	216 290	214 311	228 984	3.0%	6.8%
Grades 10-12	Tc	264 795	225 549	243 019	287 711	292 012	327 980	3.6%	12.3%
	Male	141 615	119 946	130 129	159 478	158 316	176 961	3.8%	11.8%
	Female	123 180	105 603	112 890	128 233	133 696	151 019	3.5%	13.0%

Table 10 Enrolment by Sex and Province for Grades 1 to 12

		CENTRAL	COPPERBELT	EASTERN	LUAPULA	LUSAKA	MUCHINGA	ORTH WESTERN	NORTHERN	SOUTHERN	WESTERN	ALL PROVINCES
All Grades	Total	476 542	660 019	438 717	308 345	516 922	245 979	275 969	321 449	494 360	281 164	4 019 466
	Male	242 699	327 863	220 419	160 699	254 294	127 206	141 792	167 296	250 868	142 203	2 035 339
	Female	233 843	332 156	218 298	147 646	262 628	118 773	134 177	154 153	243 492	138 961	1 984 127
<i>Grades</i>												
Grade 1	Total	63 400	70 024	67 816	42 344	56 598	38 632	42 694	53 319	66 191	43 931	544 949
	Male	31 615	35 326	32 266	21 105	27 498	19 603	21 033	26 313	33 037	21 954	269 750
	Female	31 785	34 698	35 550	21 239	29 100	19 029	21 661	27 006	33 154	21 977	275 199
Grade 2	Total	61 730	68 248	64 087	45 835	55 378	36 359	35 972	50 540	64 030	38 949	521 128
	Male	30 949	33 466	31 573	23 283	26 949	17 960	18 183	25 351	31 806	19 300	258 820
	Female	30 781	34 782	32 514	22 552	28 429	18 399	17 789	25 189	32 224	19 649	262 308
Grade 3	Total	63 279	68 568	58 513	42 405	57 690	34 623	33 363	45 992	62 888	36 438	503 759
	Male	33 400	33 653	28 100	21 535	27 819	17 091	16 637	23 371	31 614	18 199	251 419
	Female	29 879	34 915	30 413	20 870	29 871	17 532	16 726	22 621	31 274	18 239	252 340
Grade 4	Total	56 703	67 775	55 491	39 132	58 077	31 769	30 815	44 177	59 419	34 159	477 517
	Male	28 056	33 004	27 227	20 075	28 446	16 149	15 674	22 768	30 071	16 848	238 318
	Female	28 647	34 771	28 264	19 057	29 631	15 620	15 141	21 409	29 348	17 311	239 199
Grade 5	Total	51 302	62 166	46 581	34 028	56 671	26 593	27 654	36 374	54 450	29 664	425 483
	Male	25 660	30 388	22 925	17 552	27 342	14 034	14 122	18 980	27 487	14 986	213 476
	Female	25 642	31 778	23 656	16 476	29 329	12 559	13 532	17 394	26 963	14 678	212 007
Grade 6	Total	47 349	61 971	42 715	29 842	54 458	24 210	23 717	31 993	51 563	25 812	393 630
	Male	23 883	30 733	21 750	15 750	26 270	12 737	12 214	17 359	26 201	13 071	199 968
	Female	23 466	31 238	20 965	14 092	28 188	11 473	11 503	14 634	25 362	12 741	193 662
Grade 7	Total	41 266	57 512	34 441	24 248	55 973	21 380	21 674	25 533	47 317	22 062	351 406
	Male	21 142	28 608	18 304	13 107	27 761	11 612	11 388	14 522	24 139	11 414	181 997
	Female	20 124	28 904	16 137	11 141	28 212	9 768	10 286	11 011	23 178	10 648	169 409
Grade 8	Total	28 018	49 480	21 057	15 268	34 866	9 565	16 755	9 330	30 882	15 634	230 855
	Male	14 120	24 455	10 894	8 240	17 591	5 143	8 529	5 066	15 749	8 115	117 902
	Female	13 898	25 025	10 163	7 028	17 275	4 422	8 226	4 264	15 133	7 519	112 953
Grade 9	Total	30 420	54 401	20 641	16 809	37 376	9 208	18 210	8 424	30 462	16 808	242 759
	Male	15 814	27 512	11 171	9 418	18 431	4 964	9 898	4 414	16 105	9 001	126 728
	Female	14 606	26 889	9 470	7 391	18 945	4 244	8 312	4 010	14 357	7 807	116 031

Table 10 (Continued) Enrolment by Sex and Province for Grades 1 to 12

		CENTRAL COPPERBELT	EASTERN	LUAPULA	LUSAKA	MUCHINGA	ORTH WESTERN	NORTHERN	SOUTHERN	WESTERN	ALL PROVINCES	
Grade 10	Total	11 511	33 368	9 003	6 465	17 191	5 014	9 874	4 794	9 858	6 116	113 194
	Male	6 019	17 136	5 145	3 684	8 889	2 855	5 693	2 721	5 404	3 129	60 675
	Female	5 492	16 232	3 858	2 781	8 302	2 159	4 181	2 073	4 454	2 987	52 519
Grade 11	Total	11 310	34 033	9 241	5 499	16 839	4 538	8 475	4 900	8 894	5 948	109 677
	Male	6 266	17 028	5 556	3 077	9 023	2 610	4 702	2 916	4 718	3 283	59 179
	Female	5 044	17 005	3 685	2 422	7 816	1 928	3 773	1 984	4 176	2 665	50 498
Grade 12	Total	10 254	32 473	9 131	6 470	15 805	4 088	6 766	6 073	8 406	5 643	105 109
	Male	5 775	16 554	5 508	3 873	8 275	2 448	3 719	3 515	4 537	2 903	57 107
	Female	4 479	15 919	3 623	2 597	7 530	1 640	3 047	2 558	3 869	2 740	48 002
<i>Grade Groups</i>												
Grades 1-7	Total	385 029	456 264	369 644	257 834	394 845	213 566	215 889	287 928	405 858	231 015	3 217 872
	Male	194 705	225 178	182 145	132 407	192 085	109 186	109 251	148 664	204 355	115 772	1 613 748
	Female	190 324	231 086	187 499	125 427	202 760	104 380	106 638	139 264	201 503	115 243	1 604 124
Grades 1-9	Total	443 467	560 145	411 342	289 911	467 087	232 339	250 854	305 682	467 202	263 457	3 691 486
	Male	224 639	277 145	204 210	150 065	228 107	119 293	127 678	158 144	236 209	132 888	1 858 378
	Female	218 828	283 000	207 132	139 846	238 980	113 046	123 176	147 538	230 993	130 569	1 833 108
Grades 8-9	Total	58 438	103 881	41 698	32 077	72 242	18 773	34 965	17 754	61 344	32 442	473 614
	Male	29 934	51 967	22 065	17 658	36 022	10 107	18 427	9 480	31 854	17 116	244 630
	Female	28 504	51 914	19 633	14 419	36 220	8 666	16 538	8 274	29 490	15 326	228 984
Grades 10-12	Total	33 075	99 874	27 375	18 434	49 835	13 640	25 115	15 767	27 158	17 707	327 980
	Male	18 060	50 718	16 209	10 634	26 187	7 913	14 114	9 152	14 659	9 315	176 961
	Female	15 015	49 156	11 166	7 800	23 648	5 727	11 001	6 615	12 499	8 392	151 019

Table 11 Grade 1 Entrants by Age, Sex and Province (Excluding Repeaters)

	Under 7 yrs		7 yrs		Over 7 yrs		Total		% of 7 yrs	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
National	22 687	26 946	118 392	121 847	108 856	106 089	249 935	254 882	47.4%	47.8%
<i>Provinces</i>										
CENTRAL	3 015	3 544	14 847	15 248	11 758	10 958	29 620	29 750	50.1%	51.3%
COPPERBELT	4 950	5 561	18 827	17 255	9 604	9 863	33 381	32 679	56.4%	52.8%
EASTERN	1 887	2 597	10 645	12 561	17 402	17 818	29 934	32 976	35.6%	38.1%
LUAPULA	1 387	1 429	9 156	9 440	9 139	8 950	19 682	19 819	46.5%	47.6%
LUSAKA	3 185	3 605	11 327	12 133	11 574	11 836	26 086	27 574	43.4%	44.0%
MUCHINGA	1 213	1 458	8 070	7 854	8 425	7 806	17 708	17 118	45.6%	45.9%
NORTH WESTERN	1 877	2 288	8 988	9 201	7 886	7 792	18 751	19 281	47.9%	47.7%
NORTHERN	1 441	1 713	10 652	11 161	12 178	12 041	24 271	24 915	43.9%	44.8%
SOUTHERN	2 451	3 165	14 647	15 299	13 397	12 188	30 495	30 652	48.0%	49.9%
WESTERN	1 281	1 586	11 233	11 695	7 493	6 837	20 007	20 118	56.1%	58.1%

Grade 1 Entrants

Tables 11-12 and Figure 7 describe grade 1 entrants. Across the nation, 2014 indicates a slight increase to 47.6 % in children who started grade 1 at age 7 compared to 47.5% in 2013.

Table 11 shows that, among the provinces, at 56.4% Copperbelt had the highest percentage of grade 1 entrants starting age 7, while Eastern had the lowest at 36.9%.

Table 12 shows an increase to 15.4% in Zambia's grade 1 entrants who have attended pre-school, compared to 14.5% in the previous year. This increment is as a result of the introduction of pre-schools in some GRZ primary schools across the nation.

Table 12 Grade 1 Entrants with Pre-School Experience by Sex and Province

	Male	Female	Total	% Female	% of Enrolment
National	37 143	40 843	77 986	52.4%	15.4%
<i>Provinces</i>					
CENTRAL	4 391	4 723	9 114	51.8%	15.4%
COPPERBELT	7 520	8 175	15 695	52.1%	23.8%
EASTERN	2 390	2 700	5 090	53.0%	8.1%
LUAPULA	1 698	1 712	3 410	50.2%	8.6%
LUSAKA	9 563	11 301	20 864	54.2%	38.9%
MUCHINGA	1 122	1 154	2 276	50.7%	6.5%
NORTH WESTERN	1 089	1 283	2 372	54.1%	6.2%
NORTHERN	2 034	2 135	4 169	51.2%	8.5%
SOUTHERN	5 782	6 028	11 810	51.0%	19.3%
WESTERN	1 554	1 632	3 186	51.2%	7.9%

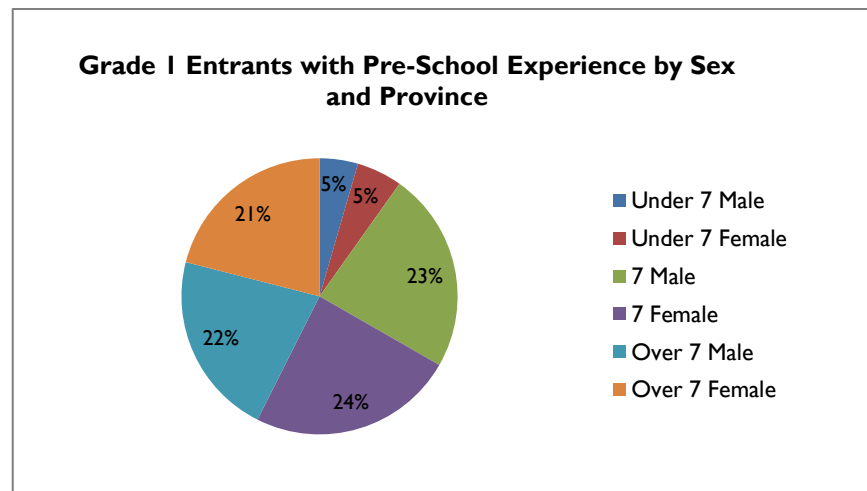


Table 13 Gross Intake Rate for Grade 1 by Sex from 2007 to 2014

	Year							
	2007	2008	2009	2010	2011	2012	2013	2014
Male	144.8%	125.3%	118.7%	119.3%	116.4%	132.0%	121.1%	112.0%
Female	146.9%	130.3%	119.0%	121.3%	118.2%	138.0%	126.4%	116.2%
Total	145.8%	130.2%	120.1%	121.3%	118.5%	135.0%	123.3%	113.7%

Table 14 Gross Intake Rate for Grade 1 by Sex and Province

	Male	Female	Total	% Change	
				2013	from 2013
National	112.0%	116.2%	113.7%	123.3%	-8.5%
<i>Provinces</i>					
CENTRAL	139.6%	154.4%	146.7%	140.8%	4.0%
COPPERBELT	104.2%	103.7%	104.0%	96.7%	7.0%
EASTERN	121.9%	134.4%	128.2%	127.6%	0.4%
LUAPULA	125.0%	123.4%	124.2%	135.3%	-9.0%
LUSAKA	75.6%	81.7%	78.6%	96.6%	-22.8%
MUCHINGA	152.7%	144.9%	148.8%	156.3%	-5.1%
NORTH WESTERN	155.8%	164.4%	160.1%	159.1%	0.6%
NORTHERN	129.8%	133.6%	131.7%	146.1%	-11.0%
SOUTHERN	115.5%	117.9%	116.7%	128.5%	-10.1%
WESTERN	137.0%	139.8%	138.4%	148.0%	-7.0%

Gross Intake Rate (GIR)

The GIR across the nation shows a change of -8.5% due to the creation of pre-schools in some primary schools so that younger children who may previously have entered grade 1 are entering the pre-school.

This decrease in GIR shows a general reduction in the level of access to primary education. This indicates the capacity of the education system to provide access to pre-school for the under age learners at each level of school-entrance age population. GIR is a rough measure of access to the first grade, and the national GIR moved from 123.3% in 2013 to 113.7% in 2014. This implies that there is availability for both under and over-aged learners in the newly created government pre-schools. Table 11, on the previous page, reveals that in Zambia there are 49,633 learners (excluding repeaters) in 2014 in grade 1 who are under seven (7yrs), and 214,945 learners in 2014 who are over seven

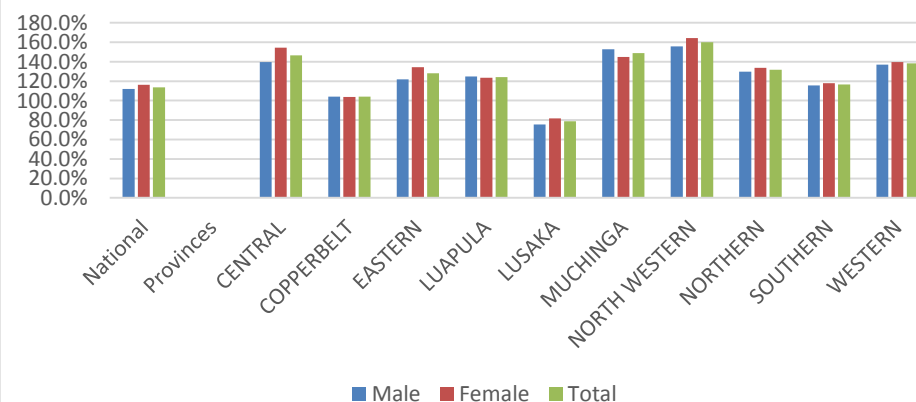
Gross Intake rate for Grade 1 by Sex and Province

Table 15 Net Intake Rate for Grade 1 by Sex from 2007 to 2014

	Year							
	2007	2008	2009	2010	2011	2012	2013	2014
Male	58.9%	56.2%	91.5%	51.3%	50.3%	56.8%	54.9%	52.2%
Female	58.0%	51.3%	96.8%	56.2%	53.9%	60.5%	59.1%	54.7%
Total	58.5%	53.8%	94.4%	53.7%	52.1%	58.7%	56.9%	53.4%

Net Intake Rate (NIR)

The NIR for Grade 1 is the percentage of seven-year-olds who enter school for the first time, expressed as a percentage of the total number of seven-year-olds in the population.

Table 15 indicates an NIR of 52.2% (2014) compared to 56.9% in 2013. The use of more reliable 2014 population estimates might explain this drop and the decrease may also be caused by newly created pre-schools taking pupils aged 7.

Table 16 Net Intake Rate for Grade 1 by Sex and Province

	Male	Female	Total	2013	% Change from 2013
National	52.2%	54.7%	53.4%	56.9%	-6.5%
<i>Provinces</i>					
CENTRAL	65.8%	74.3%	69.8%	65.1%	6.7%
COPPERBELT	55.5%	51.6%	53.6%	48.4%	9.7%
EASTERN	40.6%	47.7%	44.1%	44.5%	-0.9%
LUAPULA	54.3%	55.0%	54.6%	55.6%	-1.8%
LUSAKA	31.2%	34.1%	32.7%	41.8%	-27.9%
MUCHINGA	63.5%	60.2%	61.7%	69.5%	-12.6%
NORTH WESTERN	67.1%	70.4%	68.6%	68.4%	0.3%
NORTHERN	52.8%	55.8%	54.2%	63.3%	-16.8%
SOUTHERN	51.3%	54.5%	52.8%	59.4%	-12.4%
WESTERN	70.4%	74.7%	72.5%	78.9%	-8.9%

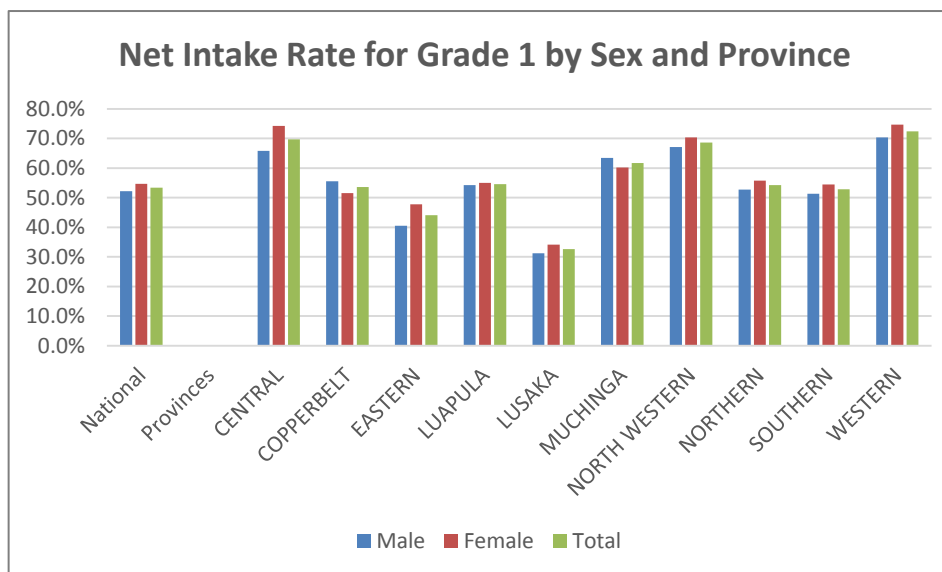


Table 17 Gross Enrolment Rate by Sex from 2007 to 2014

		Year							
		2007	2008	2009	2010	2011	2012	2013	2014
Grades 1-7	Male	NA	NA	NA	NA	NA	NA	126.8	113.4%
	Female	NA	NA	NA	NA	NA	NA	127.9	114.0%
	Total	NA	NA	NA	NA	NA	NA	127.3	113.7%
Grades 1-9	Male	117.5%	119.1%	117.5%	97.4%	118.3%	121.1%	116.0%	104.4%
	Female	112.1%	114.5%	114.1%	94.3%	115.6%	120.4%	115.1%	103.7%
	Total	114.8%	116.8%	115.8%	96.0%	117.0%	120.8%	115.5%	104.0%
Grades 10-12	Male	30.20%	31.80%	33.5%	37.10%	31.80%	36.70%	35.50%	35.2%
	Female	24.70%	25.70%	27.0%	29.80%	25.80%	29.20%	29.70%	29.5%
	Total	27.42%	28.70%	30.2%	33.40%	28.80%	32.93%	32.60%	32.3%

Table 18 Gross Enrolment Rate by Sex and Province

	Grades 1-7			Grades 8-9			Grades 10-12		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
National	113.4%	114.0%	113.7%	104.4%	103.7%	104.0%	35.2%	29.5%	32.3%
<i>Provinces</i>									
CENTRAL	138.8%	143.0%	140.9%	127.0%	129.0%	128.0%	34.4%	29.9%	32.2%
COPPERBELT	100.1%	103.5%	101.8%	99.6%	101.3%	100.5%	68.4%	61.9%	65.1%
EASTERN	110.5%	114.3%	112.4%	97.8%	100.2%	99.0%	25.7%	18.4%	22.1%
LUAPULA	130.8%	121.8%	126.2%	117.3%	108.4%	112.8%	27.7%	20.8%	24.3%
LUSAKA	83.5%	89.1%	86.3%	79.7%	82.5%	81.1%	33.1%	25.9%	29.2%
MUCHINGA	135.2%	126.6%	130.9%	116.6%	109.2%	112.9%	26.6%	19.6%	23.1%
NORTH WESTERN	135.7%	136.1%	135.9%	127.1%	125.9%	126.5%	50.1%	39.2%	44.6%
NORTHERN	119.5%	112.5%	116.0%	101.6%	95.8%	98.7%	21.3%	15.8%	18.6%
SOUTHERN	116.9%	117.3%	117.1%	108.3%	107.4%	107.8%	23.6%	20.1%	21.8%
WESTERN	114.3%	115.7%	115.0%	106.2%	106.0%	106.1%	29.1%	26.2%	27.7%

Gross Enrolment Rate (GER)

The GER indicates the total enrollment in a specific level of education, regardless of age, in a given year, expressed as a percentage of the official school-age population for that level. GER is widely used to show the general level of participation in a given level of education. It indicates the capacity of the education system to enroll learners of a particular age group. Realistic 2014 estimates of GER have been computed to give us gross enrollment and the school-age population. Table 17 indicates a GER of 113.7% (2014) from 127.3% (2013) for grades 1-7, a GER of 104% (2014) from 115.5% (2013) for grades 8-9, and a GER of 32.3% (2014) from 32.6% (2013) for grades 10-12.

Table 17 also indicates that GER has slightly decreased due to new 2014 estimates of the school-age population, so it should be noted that this decrease may be due to: (a) current 2014 census projections of population data; (b) introduction of pre-schools at primary level. Table 19 illustrates GER by grade and province, while Figures 8 and 9 represent GER by grade clusters across the provinces.

Table 19 Gross Enrolment Rate by Grade and Province

	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
National	120.79%	120.55%	121.47%	119.62%	109.99%	104.43%	95.26%	63.72%	68.29%	32.56%	32.40%	31.99%
<i>Provinces</i>												
CENTRAL	146.67%	150.02%	160.53%	148.45%	137.05%	127.88%	111.87%	76.21%	83.73%	32.50%	33.10%	31.07%
COPPERBELT	103.97%	102.18%	103.93%	104.63%	98.24%	101.10%	97.77%	88.44%	102.17%	64.88%	66.89%	63.45%
EASTERN	128.16%	127.15%	121.64%	120.40%	104.44%	97.86%	79.74%	48.61%	47.59%	21.02%	22.28%	23.15%
LUAPULA	124.18%	143.40%	141.02%	137.67%	125.14%	112.89%	92.91%	58.13%	63.48%	24.60%	21.62%	26.85%
LUSAKA	78.64%	80.13%	86.94%	90.43%	90.09%	88.02%	91.71%	58.21%	63.81%	29.87%	29.63%	28.07%
MUCHINGA	148.76%	146.74%	146.43%	139.41%	119.31%	110.28%	98.25%	44.37%	43.58%	24.44%	23.03%	21.81%
NORTH WESTERN	160.06%	143.81%	141.77%	138.75%	130.81%	116.27%	108.80%	84.93%	92.66%	50.90%	45.01%	37.55%
NORTHERN	131.66%	131.25%	125.52%	126.38%	108.38%	98.56%	80.79%	30.07%	27.71%	16.24%	17.32%	22.64%
SOUTHERN	116.70%	119.18%	123.27%	122.16%	116.47%	113.69%	106.75%	70.82%	70.73%	23.23%	21.40%	20.77%
WESTERN	138.37%	126.22%	121.67%	118.27%	107.10%	97.45%	87.34%	64.64%	72.43%	27.52%	27.90%	27.58%

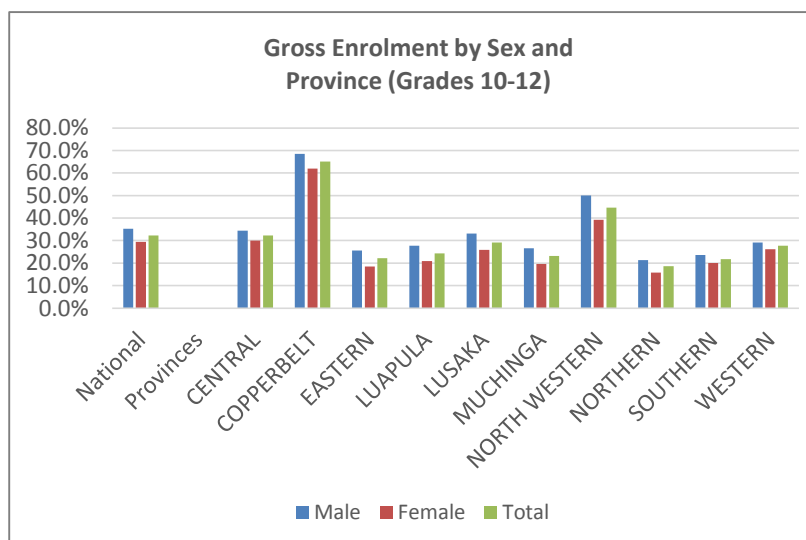
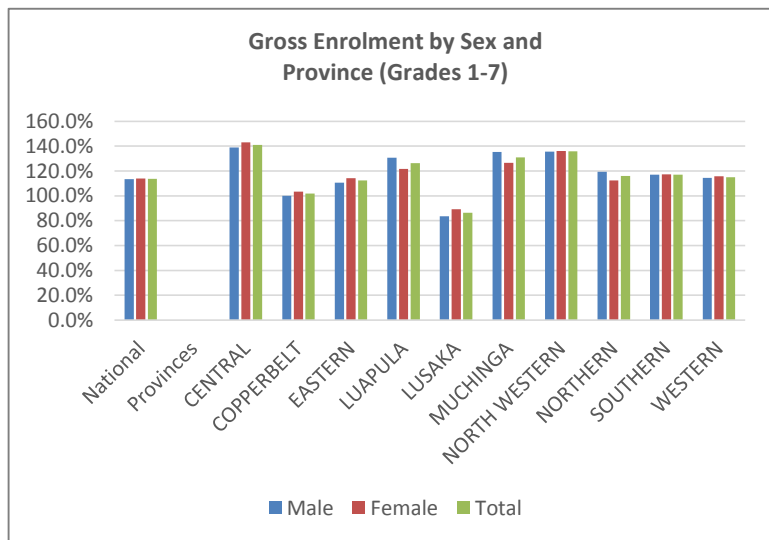


Table 20 Net Enrolment Rate by Sex from 2007 to 2014

		Year							
		2007	2008	2009	2010	2011	2012	2013	2014
Grades 1-7	Male	99.90%	103%	101.90%	93.10%	95%	108.10%	105.8%	93.1%
	Female	99.90%	102.60%	102.30%	93.90%	97%	111.70%	108.2%	95.4%
	Total	99%	102.80%	102.10%	93.70%	96%	109.90%	107.0%	94.3%
Grades 1-9	Male	99.9%	102.6%	108.1%	83.7%	94.3%	106.5%	103.3%	92.8%
	Female	99.9%	102.6%	111.7%	84.0%	94.6%	108.6%	104.6%	93.9%
	Total	100.5%	102.8%	109.9%	84.0%	94.6%	107.5%	103.9%	93.4%
Grades 10-12	Male	NA	NA	NA	NA	26.10%	32.60%	31.1%	30.9%
	Female	NA	NA	NA	NA	19.90%	24.90%	25.0%	25.0%
	Total	NA	NA	NA	NA	23%	28.70%	28.0%	27.9%

Table 21 Net Enrolment Rate by Sex and Province

	Grades 1-7			Grades 1-9			Grades 10-12		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
National	93.1%	95.4%	94.3%	92.8%	93.9%	93.4%	30.9%	25.0%	27.9%
<i>Provinces</i>									
CENTRAL	116.1%	121.3%	118.6%	113.7%	117.4%	115.5%	31.7%	25.8%	28.8%
COPPERBELT	87.0%	89.3%	88.1%	90.0%	91.8%	90.9%	56.9%	50.9%	53.8%
EASTERN	84.3%	90.5%	87.4%	83.2%	88.7%	85.9%	22.4%	17.1%	19.8%
LUAPULA	107.7%	101.4%	104.5%	104.0%	97.8%	100.9%	26.2%	19.1%	22.7%
LUSAKA	68.0%	74.1%	71.0%	71.2%	74.9%	73.1%	28.1%	21.2%	24.4%
MUCHINGA	108.8%	104.6%	106.7%	104.0%	99.5%	101.7%	23.9%	16.4%	20.2%
NORTH WESTERN	111.0%	112.8%	111.9%	110.4%	111.8%	111.0%	44.8%	34.4%	39.6%
NORTHERN	97.2%	94.8%	96.0%	93.3%	89.8%	91.5%	20.0%	14.2%	17.2%
SOUTHERN	93.7%	97.0%	95.4%	94.4%	96.5%	95.4%	21.2%	16.5%	18.9%
WESTERN	98.9%	101.7%	100.3%	96.7%	98.2%	97.4%	26.5%	22.7%	24.6%

Net Enrolment Rate (NER)

The primary NER is the percentage of primary-aged (ages 7-15) learners who are enrolled in primary school (grades 1-7). Table 20 indicates a primary NER of 94.3% (2014) compared to 107.0% in 2013. This reduction is due to the use of current 2014 census population projections which are more realistic than the 2010 projections. Another reason is the introduction of pre-schools in primary schools.

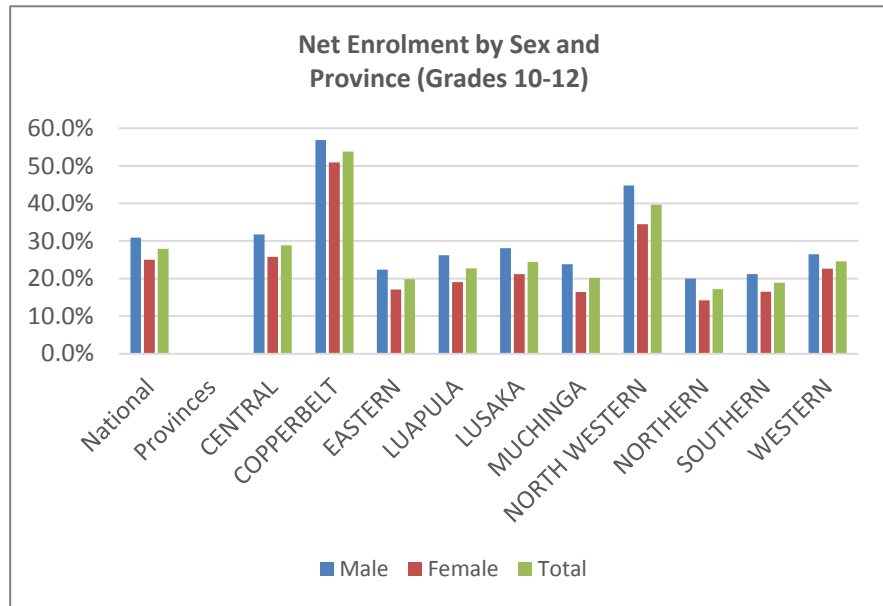
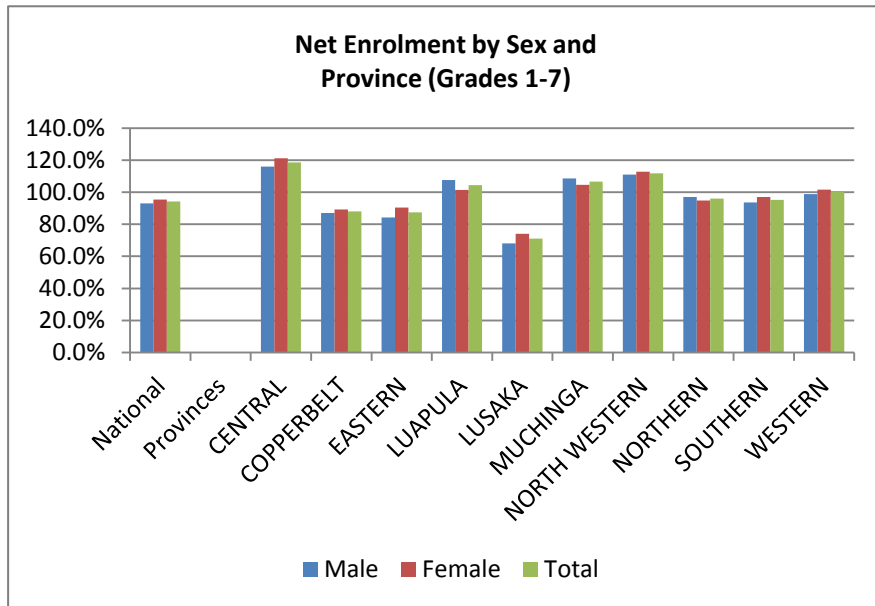
The junior secondary NER is the percentage of junior secondary-aged (ages 14-16) learners who are enrolled in junior secondary school (grades 8-9). Table 20 indicates a junior secondary NER of 93.4% (2014) down from 103.0% (2013).

The secondary NER is the percentage of secondary-aged (ages 15-18) learners who are enrolled in secondary school (grades 10-12), Table 20 indicates a secondary NER of 27.9% (2014) as compared to 28.0% in 2013. These calculations are also using new population projections for 2014.

Table 21 illustrates NER by province and sex, while Table 22 illustrates NER by province and grade.

Table 22 Net Enrolment Rate by Grade and Province

	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
National	54.68%	47.23%	42.76%	39.71%	33.88%	30.29%	25.81%	18.40%	19.36%	10.42%	11.96%	17.68%
<i>Provinces</i>												
CENTRAL	71.25%	62.30%	62.46%	54.06%	47.20%	40.77%	34.18%	25.53%	25.98%	11.31%	11.33%	17.73%
COPPERBELT	54.33%	46.75%	42.44%	43.08%	38.17%	38.77%	33.93%	30.09%	33.00%	21.06%	26.51%	28.23%
EASTERN	45.16%	38.01%	31.97%	27.45%	21.61%	17.44%	13.89%	8.90%	9.82%	5.46%	6.40%	13.97%
LUAPULA	55.75%	55.05%	47.49%	42.75%	36.71%	29.69%	23.33%	16.35%	15.52%	9.24%	9.15%	18.17%
LUSAKA	33.15%	30.01%	29.75%	28.95%	26.04%	24.53%	26.03%	15.90%	18.10%	9.61%	11.45%	15.62%
MUCHINGA	63.49%	53.62%	47.31%	40.10%	31.68%	27.77%	20.73%	10.36%	11.58%	7.66%	8.21%	11.44%
NORTH WESTERN	71.44%	55.55%	46.58%	43.30%	37.64%	31.01%	25.94%	19.89%	21.49%	14.14%	15.26%	22.62%
NORTHERN	55.61%	48.91%	40.37%	38.48%	29.89%	24.85%	18.76%	8.82%	8.19%	5.69%	8.29%	16.30%
SOUTHERN	54.40%	45.41%	41.40%	39.17%	32.80%	28.78%	22.93%	17.51%	16.67%	6.95%	6.89%	12.78%
WESTERN	74.42%	62.82%	57.54%	52.99%	46.42%	42.07%	35.23%	25.82%	28.05%	9.60%	9.02%	16.27%



CHAPTER 6: EFFICIENCY

This section provides a snapshot of the internal efficiency of the education sector, as measured by cohort flows: repetition, transition, and dropout rates. These indicators are interrelated - given two indicators the third is calculated as a residual. Although it is tempting to use these indicators to measure progress against an educational strategy, repetition and promotion are often manipulated through policy and other directives. In Zambia, automatic promotion exists, hence we should see repetition rates drop to zero (and perhaps drop-out rates rise at the same time). Note: Flow rate calculations normally assume that negligible numbers of learners enter or leave the system from outside its borders.

Table 23 Transition, Repetition and Dropout Rate by Sex from 2007 to 2014

		Year							
		2007	2008	2009	2010	2011	2012	2013	2014
Transition Rate									
Grades 7-8	Male	52.1%	54.2%	55.4%	62.1%	65.6%	63.1%	63.1%	59.1%
	Female	57.3%	57.2%	56.6%	53.9%	54.6%	65.5%	60.6%	59.4%
	Total	54.5%	55.6%	56.0%	57.9%	59.9%	64.2%	61.9%	59.3%
Grades 9-10	Male	38.5%	38.5%	41.4%	45.3%	46.0%	46.5%	43.6%	42.0%
	Female	39.0%	37.8%	40.7%	44.8%	44.8%	47.0%	42.7%	42.3%
	Total	38.7%	38.2%	41.0%	45.0%	45.5%	46.7%	43.2%	42.2%
Repetition Rate									
Grades 1-7	Male	7.4%	6.6%	6.6%	6.7%	6.3%	6.3%	6.4%	7.4%
	Female	6.7%	6.2%	6.1%	6.0%	5.8%	5.8%	6.0%	6.8%
	Total	7.1%	6.4%	6.4%	6.4%	6.1%	6.0%	6.2%	7.1%
Grades 8-12	Male	1.5%	1.6%	7.2%	1.3%	0.9%	0.9%	0.9%	1.5%
	Female	1.7%	1.4%	6.7%	1.3%	1.3%	0.9%	1.1%	1.5%
	Total	1.6%	1.5%	7.0%	1.3%	1.1%	0.9%	1.0%	1.5%
Dropout Rate									
Grades 1-7	Male	2.0%	1.7%	1.8%	1.9%	1.7%	1.6%	1.4%	1.5%
	Female	2.9%	2.7%	2.9%	2.7%	2.6%	2.3%	2.1%	2.1%
	Total	2.4%	2.2%	2.4%	2.3%	2.2%	1.9%	1.8%	1.8%
Grades 8-12	Male	0.8%	0.6%	0.6%	0.6%	0.9%	0.5%	0.7%	0.6%
	Female	2.1%	1.7%	1.8%	1.6%	2.2%	1.6%	1.7%	1.8%
	Total	1.4%	1.1%	1.1%	1.1%	1.4%	1.0%	1.2%	1.1%

Transition Rate

The transition rate (also called promotion rate) represents the proportion of students who have successfully completed a grade and proceeded to the next grade the following year. Table 23 shows that the number of Zambia's students who transitioned from grade 7 to grade 8 in 2014 dropped by 2.6 percentage points, from 61.9% in 2013 to 59.3%, while the number who transitioned from grade 9 to grade 10 dropped by 1% from 43.2 to 42.2%. This indicator conveys information on the degree of access or transition from one cycle or level of education to a higher one. The transition rate can help in assessing the relative selectivity of an education system, which can be due to pedagogical or financial requirements. High transition rates indicate a high level of access or transition from one level of education to the next. They also reflect the intake capacity of the next level of education. Inversely, low transition rates can signal problems in the bridging between two cycles or levels of education, due to either deficiencies in the examination system or inadequate admission capacity in the higher cycle or level of education, or both. This indicator should be based on reliable data on new entrants (or on enrolment and repeaters) especially in the first grade of the higher cycle or level of education. It can be distorted by incorrect distinction between new entrants and repeaters, especially in the first grade of the specified higher level of education. Students who interrupted their studies for one or more years after having completed the lower level of education as well as migrant students could also affect the quality of this indicator. Table 24 further illustrates transition rates, showing a breakdown by sex and province.

Table 24 Transition Rate by Sex and Province

	Grades 7-8			Grades 9-10		
	Male	Female	Total	Male	Female	Total
National	59.1%	59.4%	59.3%	42.0%	42.3%	42.2%
<i>Provinces</i>						
CENTRAL	62.0%	64.0%	63.0%	37.7%	35.0%	38.1%
COPPERBELT	83.5%	72.5%	77.6%	48.6%	45.8%	52.5%
EASTERN	50.9%	52.0%	51.4%	38.6%	29.9%	36.5%
LUAPULA	57.9%	58.4%	58.1%	31.9%	24.7%	31.2%
LUSAKA	63.1%	59.6%	61.3%	51.3%	47.6%	49.8%
MUCHINGA	32.0%	35.9%	33.8%	43.2%	34.3%	42.9%
NORTH WESTERN	61.5%	67.9%	64.5%	51.9%	36.5%	47.4%
NORTHERN	25.6%	26.8%	26.1%	39.7%	31.5%	40.0%
SOUTHERN	60.5%	61.3%	60.9%	31.9%	28.0%	31.3%
WESTERN	71.4%	69.8%	70.6%	36.5%	34.7%	38.4%

Repetition Rate

The repetition rate is the proportion of pupils from a cohort enrolled in a given grade in a given school year who study in the same grade in the following school year. The repetition rate measures the number of pupils repeating a grade, and is one of the key indicators for analyzing and projecting pupil flows from grade to grade within the educational cycle.

A high repetition rate reveals problems in the internal efficiency of the educational system, and increasing repetition rates may serve as an early warning that the system is experiencing capacity constraints. Table 25 shows repetition and drop out by sex and province.

Table 23 shows a repetition rate of 7.1% (2014) in grades 1-7 and 1.5% (2014) in grades 8-12.

Table 25 Repetition and Dropout Rate by Sex and Province

	Repetition Grades 1-7			Repetition Grades 8-12			Dropout Grades 1-7			Dropout Grades 8-12		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
National	7.4%	6.8%	7.1%	1.5%	1.5%	1.5%	1.5%	2.1%	1.8%	0.6%	1.8%	1.1%
<i>Provinces</i>												
CENTRAL	6.0%	5.6%	5.8%	1.0%	0.7%	0.9%	1.1%	1.8%	1.4%	0.8%	2.1%	1.4%
COPPERBELT	4.5%	4.1%	4.3%	0.2%	0.2%	0.2%	1.0%	1.2%	1.1%	0.5%	1.0%	0.7%
EASTERN	8.0%	7.6%	7.8%	1.5%	1.7%	1.6%	1.8%	2.5%	2.1%	0.4%	2.5%	1.3%
LUAPULA	7.1%	7.0%	7.1%	2.8%	3.1%	3.0%	2.6%	3.1%	2.8%	0.5%	2.5%	1.3%
LUSAKA	4.4%	4.1%	4.3%	0.9%	0.8%	0.8%	0.9%	1.2%	1.0%	0.6%	1.1%	0.9%
MUCHINGA	10.4%	9.9%	10.1%	1.2%	2.3%	1.7%	1.7%	2.6%	2.1%	0.7%	2.8%	1.6%
NORTH WESTERN	9.1%	8.9%	9.0%	6.1%	7.5%	6.7%	1.7%	3.0%	2.3%	0.9%	3.0%	1.8%
NORTHERN	10.0%	9.7%	9.8%	2.3%	3.9%	3.0%	2.3%	3.0%	2.6%	0.8%	3.1%	1.7%
SOUTHERN	10.6%	9.1%	9.9%	2.2%	1.3%	1.8%	1.2%	2.0%	1.6%	0.4%	2.3%	1.3%
WESTERN	7.1%	6.1%	6.6%	0.7%	0.8%	0.8%	1.7%	2.6%	2.1%	0.6%	2.4%	1.5%

Table 26 Transition, Repetition and Dropout rates in Grades 1-11 from 2013 to 2014

Grade	Transition rates			Repetition rates			Dropout Rates		
	Males	Females	Total	Males	Females	Total	Males	Females	Total
Grade 1	90.2%	89.4%	89.8%	5.7%	5.6%	5.6%	1.0%	0.9%	0.9%
Grade 2	93.2%	92.9%	93.0%	5.6%	5.3%	5.4%	1.1%	1.1%	1.1%
Grade 3	91.5%	92.4%	92.0%	5.7%	6.3%	5.5%	1.2%	1.7%	1.2%
Grade 4	86.4%	86.3%	86.4%	6.6%	6.1%	6.3%	1.4%	1.4%	1.4%
Grade 5	85.9%	84.3%	85.1%	6.7%	6.3%	6.5%	1.6%	1.9%	1.7%
Grade 6	83.7%	80.6%	82.1%	7.7%	7.2%	7.5%	1.7%	2.6%	2.2%
Grade 7	59.1%	59.4%	59.3%	10.1%	8.9%	9.5%	2.0%	4.2%	3.0%
Grade 8	86.8%	84.8%	85.8%	7.9%	7.6%	7.7%	1.9%	4.0%	2.9%
Grade 9	42.0%	42.3%	42.2%	15.8%	14.6%	15.2%	2.3%	5.3%	3.7%
Grade 10	100.0%	100.0%	100.0%	1.9%	1.6%	1.8%	0.5%	1.3%	0.8%
Grade 11	95.6%	93.2%	94.5%	1.6%	1.7%	1.7%	0.7%	2.3%	1.4%

Dropout Rate

The dropout rate indicates the proportion of pupils who leave the system without completing a given grade in a given school year. **Table 23 shows a national dropout rate of 1.8% (2014) in grades 1-7, and 1.1% (2014) in grades 8-12.** According to the data in Table 25, the female dropout rate in grades 1-7 is 2.1%, compared to 1.5% for males. Similarly, in grades 8-12, 1.8% of females drop out as compared to 0.6% of males.

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Table 27 Gender Parity Index for Grade 1-7 and Grade 8-12 from 2007 to 2014

	Year							
	2007	2008	2009	2010	2011	2012	2013	2014
Grade 1-7	0.96	0.96	0.99	0.99	0.97	0.99	0.98	0.99
Grade 8-12	0.83	0.82	0.94	0.86	0.82	0.80	0.84	0.85

Table 28 Gender Parity Index in All Schools by Grade and Province

	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
National	1.02	1.01	1.00	1.00	0.99	0.97	0.93	0.96	0.99	0.86	0.86	0.84
<i>Provinces</i>												
CENTRAL	1.01	0.99	0.89	1.02	1.00	0.98	0.95	0.98	0.92	0.91	0.80	0.78
COPPERBELT	0.98	1.04	1.04	1.05	1.05	1.02	1.01	1.02	0.98	0.95	1.00	0.96
EASTERN	1.10	1.03	1.08	1.04	1.03	0.96	0.88	0.93	0.85	0.75	0.66	0.66
LUAPULA	1.01	0.97	0.97	0.95	0.94	0.89	0.85	0.85	0.78	0.75	0.79	0.67
LUSAKA	1.06	1.05	1.07	1.04	1.07	1.07	1.02	0.98	1.03	0.93	0.87	0.91
MUCHINGA	0.97	1.02	1.03	0.97	0.89	0.90	0.84	0.86	0.85	0.76	0.74	0.67
NORTH WESTERN	1.03	0.98	1.01	0.97	0.96	0.94	0.90	0.96	0.84	0.73	0.80	0.82
NORTHERN	1.03	0.99	0.97	0.94	0.92	0.84	0.76	0.84	0.91	0.76	0.68	0.73
SOUTHERN	1.00	1.01	0.99	0.98	0.98	0.97	0.96	0.96	0.89	0.82	0.89	0.85
WESTERN	1.00	1.02	1.00	1.03	0.98	0.97	0.93	0.93	0.87	0.95	0.81	0.94

Table 29 Gender Parity Index in All Schools by Grade and Agency

	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Community/Unknown	1.06	0.99	1.02	0.98	0.97	0.93	0.89	0.89	0.99	0.81	0.88	0.73
Grant-aided	1.06	1.07	1.07	1.08	1.04	1.13	1.06	1.28	1.32	1.26	1.25	1.31
GRZ	1.01	1.02	1.00	1.01	0.99	0.97	0.93	0.94	0.88	0.83	0.82	0.81
Private	1.02	1.05	1.05	1.02	1.06	1.02	0.99	0.99	1.10	0.95	0.89	1.04

Table 30 Gender Parity Index in All Schools by Grade Group and Province

	Grades 1-4	Grades 5-7	Grades 1-7	Grades 1-9	Grades 8-9	Grades 8-12
National	1.01	0.97	0.99	0.99	0.94	0.85
<i>Provinces</i>						
CENTRAL	0.98	0.98	0.98	0.97	0.95	0.91
COPPERBELT	1.03	1.02	1.03	1.02	1.00	0.98
EASTERN	1.06	0.96	1.03	1.01	0.89	0.80
LUAPULA	0.97	0.90	0.95	0.93	0.82	0.79
LUSAKA	1.06	1.05	1.06	1.05	1.01	0.96
MUCHINGA	1.00	0.88	0.96	0.95	0.86	0.80
NORTH WESTERN	1.00	0.94	0.98	0.96	0.90	0.85
NORTHERN	0.98	0.85	0.94	0.93	0.87	0.80
SOUTHERN	1.00	0.97	0.99	0.98	0.93	0.90
WESTERN	1.01	0.96	1.00	0.98	0.90	0.90

Table 31 Gender Parity Index in All Schools by Grade Group and Agency

	Grades 1-4	Grades 5-7	Grades 1-7	Grades 1-9	Grades 8-9	Grades 8-12
Community	1.01	0.94	0.99	0.99	0.94	0.88
Grant-aided	1.07	1.07	1.07	1.12	1.30	1.29
GRZ	1.01	0.96	0.99	0.98	0.91	0.87
Private	1.03	1.02	1.03	1.03	1.04	1.00

Gender Parity Index (GPI)

Tables 27-31 present GPI, the ratio of female to male pupils. A GPI lower than one means that there are more males than females attending school, while a GPI greater than one means there are more females than males. A GPI of 1 is desirable because it means that there are equal numbers of males and females attending school. In this section, GPI is presented by year and grade group, grade and province, grade group and province and, finally, grade group and agency.

The National GPI for grades 1-7 was 0.99, and for grades 8-12 it was 0.85. The GPI for grades 1-7 ranged from 0.94 in Northern province to 1.06 in Muchinga province whereas for Grades 8-12 it ranged from 0.80 in Northern, Muchinga and Eastern to 0.98 in Copperbelt province. The country has achieved the desired GPI at primary level.

Table 32 Number of Out-of-school Children Aged 7-13 By Sex and Year from 2010 to 2014

	Year				
	2010	2011	2012	2013	2014
Male	96 260	65 981	69 531	76 605	109 692
Female	163 130	176 731	51 734	53 178	88 065
Total	259 390	242 712	121 265	129 783	197 757

Table 33 Out-of-school Children By Age, Sex and Province

		Age											
		7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years
NATIONAL	Male	79838	24093	NA	NA	NA	NA	5761	1331	32080	51285	64521	56535
	Female	70468	13824	NA	NA	NA	NA	3773	7089	41692	65900	87570	96149
	Total	150306	37917	NA	NA	NA	NA	9534	8420	73772	117185	152091	152684
Provinces													
CENTRAL	Male	4155	NA	NA	NA	NA	NA	NA	NA	1234	4558	6511	5347
	Female	1636	NA	NA	NA	NA	NA	NA	NA	1859	5208	7923	9240
	Total	5791	NA	NA	NA	NA	NA	NA	NA	3093	9766	14434	14587
COPPERBELT	Male	9140	5995	3749	653	1197	NA	316	NA	374	1346	2997	8077
	Female	9429	3943	2406	NA	513	NA	NA	NA	688	2267	5630	12376
	Total	18569	9938	6155	653	1710	NA	316	NA	1062	3613	8627	20453
EASTERN	Male	13263	4989	771	303	835	1682	2996	2177	6075	7596	10044	3539
	Female	11420	2982	NA	NA	NA	900	2185	1645	6397	9066	10948	9580
	Total	24683	7971	771	303	835	2582	5181	3822	12472	16662	20992	13119
LUAPULA	Male	5512	NA	NA	NA	NA	NA	NA	44	2938	4496	5121	3702
	Female	5690	453	NA	NA	NA	NA	NA	611	3975	5154	6717	6769
	Total	11202	453	NA	NA	NA	NA	NA	655	6913	9650	11838	10471
LUSAKA	Male	21275	13828	10145	6907	6788	5317	3887	2961	7400	11366	12630	13297
	Female	19090	11573	6728	4094	4272	3038	3512	5147	10936	15878	19320	20539
	Total	40365	25401	16873	11001	11060	8355	7399	8108	18336	27244	31950	33836

Table 33 Out-of-school Children By Age, Sex and Province (Continued)

		Age											
		7 years	8 years	9 years	10 years	11 years	12 years	13 years	14 years	15 years	16 years	17 years	18 years
NORTH WESTERN	Male	2068	NA	NA	NA	NA	NA	NA	NA	106	1103	1018	-733
	Female	1304	NA	NA	NA	NA	NA	NA	NA	401	2183	2725	2937
	Total	3372	NA	NA	NA	NA	NA	NA	NA	507	3286	3743	2204
MUCHINGA	Male	2959	NA	NA	NA	NA	NA	NA	NA	385	2398	3354	4098
	Female	3496	NA	NA	NA	NA	NA	1140	3343	4459	6117	5944	1304
	Total	6455	NA	NA	NA	NA	NA	1140	3728	6857	9471	10338	5402
NORTHERN	Male	7791	849	NA	NA	NA	NA	745	1199	5994	7600	8200	7425
	Female	7161	697	NA	NA	NA	110	1589	2481	7054	9220	9964	9478
	Total	14952	1546	NA	NA	NA	110	2334	3680	13048	16820	18164	16903
SOUTHERN	Male	10502	3623	NA	NA	NA	NA	1181	NA	3433	6047	8710	7174
	Female	8998	1938	NA	NA	NA	NA	NA	NA	4500	8005	11867	12904
	Total	19500	5561	NA	NA	NA	NA	1181	NA	7933	14052	20577	20078
WESTERN	Male	3173	NA	NA	NA	NA	282	1185	1030	2128	3819	4896	4609
	Female	2244	NA	NA	NA	NA	NA	940	1539	2539	4460	6359	6382
	Total	5417	NA	NA	NA	NA	282	2125	2569	4667	8279	11255	10991

Out-of-school Children

The number of Out-of-school children aged 7-13 were calculated as 197,757 in 2014, of which 55% were boys.

The number of out-of-school children declined from 2010 to 2012 and then rose again in 2013 and 2014.

Table 34 Number of Orphans in All Schools by Sex from 2007 to 2014

		Year							
		2007	2008	2009	2010	2011	2012	2013	2014
Primary Schools	Ma	333 433	339 927	330 520	326 320	304 327	311 427	289 082	225 627
	Female	322 519	333 033	323 033	320 078	297 728	310 231	286 088	225 143
	Total	655 952	672 960	653 553	649 398	602 055	621 658	575 170	450 770
Secondary Schools	Male	26 321	24 341	30 687	32 964	33 289	34 129	31 662	88 921
	Female	23 806	22 157	26 178	28 847	31 894	42 342	30 803	83 844
	Total	50 127	46 498	56 865	61 811	65 183	76 471	62 465	172 765
All Schools	Ma	359 754	364 268	361 207	359 284	337 616	345 556	320 744	314 548
	Female	346 325	355 190	349 211	348 925	329 622	352 573	316 891	308 987
	Total	706 079	719 458	710 418	708 209	667 240	698 129	637 635	623 535

Orphans

Tables 34-37 present information about orphans attending school (the ASC counts the total number of orphans in schools, including regular, APU, and Open students). According to Table 34, there were 623,535 orphans compared to 637,635 in 2013. Among these, 450,770 were attending primary school (grade 1-7) and 172,765 were in secondary school (Grade 8-12). Table 37 presents orphans by type of school they were attending; 476,378 orphans attended GRZ schools, while 109,665 attended community schools, and 24,497 and 12,995 attended grant-aided and private schools respectively.

Note: Data from 2007 to 2013 was reported as Basic (Grade 1-9) and High School (Grade 10-12). In 2014 it was reported as Primary (Grade 1-7) and Secondary (Grade 8-12)

Table 35 Number of Orphans by Grade, Sex and Province

		Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
NATIONAL	Male	31 293	31 521	31 979	32 359	32 682	32 631	33 162	24 677	28 682	12 540	11 897	11 125
	Female	31 131	32 108	32 275	32 708	33 089	32 085	31 747	24 665	26 585	11 247	10 762	10 585
	Total	62 424	63 629	64 254	65 067	65 771	64 716	64 909	49 342	55 267	23 787	22 659	21 710
Provinces													
CENTRAL	Ma	4 139	4 150	4 135	4 171	4 168	4 149	4 319	2 770	3 284	1 107	1 254	1 212
	Female	4 024	4 045	4 083	3 951	4 151	4 105	4 155	2 834	3 087	1 041	1 132	1 011
	Total	8 163	8 195	8 218	8 122	8 319	8 254	8 474	5 604	6 371	2 148	2 386	2 223
COPPERBELT	Ma	4 611	4 452	4 810	4 729	4 802	4 943	5 081	4 500	5 422	2 328	2 130	2 304
	Female	4 603	4 689	4 971	4 906	4 984	5 025	5 296	4 765	5 629	2 268	2 099	2 223
	Total	9 214	9 141	9 781	9 635	9 786	9 968	10 377	9 265	11 051	4 596	4 229	4 527
EASTERN	Ma	2 721	2 854	2 827	2 881	2 911	2 989	2 910	2 137	2 424	883	853	917
	Female	2 671	2 876	2 946	2 933	2 849	2 842	2 506	1 854	1 965	684	674	818
	Total	5 392	5 730	5 773	5 814	5 760	5 831	5 416	3 991	4 389	1 567	1 527	1 735

Table 35 Number of Orphans by Grade, Sex and Province (Continued)

		Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
LUAPULA	M	3 281	3 670	3 431	3 305	3 204	2 976	2 867	1 925	2 311	755	625	559
	Female	3 205	3 612	3 164	3 246	3 101	2 904	2 578	1 862	1 983	681	525	488
	Total	6 486	7 282	6 595	6 551	6 305	5 880	5 445	3 787	4 294	1 436	1 150	1 047
LUSAKA	M	4 177	4 297	4 434	4 474	4 780	4 864	5 098	3 753	4 398	2 298	2 238	1 875
	Female	4 500	4 536	4 646	4 905	5 326	5 180	5 635	4 133	4 603	2 063	2 198	2 307
	Total	8 677	8 833	9 080	9 379	10 106	10 044	10 733	7 886	9 001	4 361	4 436	4 182
MUCHINGA	M	2 037	1 848	1 930	1 962	2 035	1 949	1 994	1 374	1 485	747	699	549
	Female	2 021	1 892	2 037	1 924	1 925	1 799	1 704	1 204	1 202	724	577	518
	Total	4 058	3 740	3 967	3 886	3 960	3 748	3 698	2 578	2 687	1 471	1 276	1 067
NORTH WESTERN	Ma	2 038	1 970	2 006	2 006	1 943	1 760	1 855	1 816	2 177	1 262	990	844
	Female	1 948	2 021	1 983	1 894	1 920	1 779	1 714	1 783	1 977	1 018	814	697
	Total	3 986	3 991	3 989	3 900	3 863	3 539	3 569	3 599	4 154	2 280	1 804	1 541
NORTHERN	M	2 885	2 917	2 748	2 779	2 526	2 432	2 344	1 531	1 626	616	618	659
	Female	2 768	2 982	2 665	2 756	2 439	2 125	1 870	1 559	1 452	505	539	545
	Total	5 653	5 899	5 413	5 535	4 965	4 557	4 214	3 090	3 078	1 121	1 157	1 204
SOUTHERN	M	2 314	2 483	2 751	3 150	3 377	3 754	4 030	2 809	3 242	1 530	1 629	1 510
	Female	2 298	2 573	2 896	3 296	3 340	3 438	3 768	2 570	2 723	1 322	1 383	1 292
	Total	4 612	5 056	5 647	6 446	6 717	7 192	7 798	5 379	5 965	2 852	3 012	2 802
WESTERN	M	3 090	2 880	2 907	2 902	2 936	2 815	2 664	2 062	2 313	1 014	861	696
	Female	3 093	2 882	2 884	2 897	3 054	2 888	2 521	2 101	1 964	941	821	686
	Total	6 183	5 762	5 791	5 799	5 990	5 703	5 185	4 163	4 277	1 955	1 682	1 382

Table 36 % Orphans in Grade Groups By Sex and Province

		Grades 1-7	Grades 1-9	Grades 8-9	Grades 8-12			Grades 1-7	Grades 1-9	Grades 8-9	Grades 8-12
CENTRAL	Ma	7.6%	8.0%	10.4%	10.8%	WESTERN	Ma	8.7%	9.3%	13.5%	14.5%
	Female	7.4%	7.8%	10.1%	9.6%		Female	8.8%	9.2%	12.5%	13.8%
	Total	15.0%	15.7%	20.5%	20.4%		Total	17.5%	18.5%	26.0%	28.3%
COPPERBELT	Ma	7.3%	7.7%	9.6%	6.8%						
	Female	7.6%	8.0%	10.0%	6.6%						
	Total	14.9%	15.7%	19.6%	13.4%						
EASTERN	Ma	5.4%	6.0%	10.9%	9.7%						
	Female	5.3%	5.7%	9.2%	7.9%						
	Total	10.7%	11.7%	20.1%	17.6%						
LUAPULA	Ma	8.8%	9.3%	13.2%	10.5%						
	Female	8.5%	8.8%	12.0%	9.2%						
	Total	17.3%	18.2%	25.2%	19.7%						
LUSAKA	Ma	8.1%	8.6%	11.3%	12.9%						
	Female	8.8%	9.3%	12.1%	13.2%						
	Total	16.9%	17.9%	23.4%	26.0%						
MUCHINGA	Ma	6.4%	7.2%	15.2%	14.6%						
	Female	6.2%	6.8%	12.8%	13.3%						
	Total	12.7%	13.9%	28.0%	28.0%						
NORTH WESTERN	Ma	6.3%	7.0%	11.4%	12.3%						
	Female	6.1%	6.8%	10.8%	10.1%						
	Total	12.4%	13.8%	22.2%	22.4%						
NORTHERN	Ma	6.5%	7.1%	17.8%	12.0%						
	Female	6.1%	6.7%	17.0%	10.1%						
	Total	12.6%	13.9%	34.7%	22.1%						
SOUTHERN	Ma	5.4%	6.0%	9.9%	17.2%						
	Female	5.3%	5.8%	8.6%	14.7%						
	Total	10.7%	11.7%	18.5%	31.9%						

Table 37 Number of Orphans in all Schools by Grade and Agency

		Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
GRZ	Mal	20 310	21 681	22 631	23 593	24 914	25 322	26 359	21 571	25 502	10 320	10 034	9 343
	Female	20 038	22 020	22 684	23 502	24 904	24 859	25 175	21 205	23 090	9 164	9 143	9 014
	Total	40 348	43 701	45 315	47 095	49 818	50 181	51 534	42 776	48 592	19 484	19 177	18 357
Private	Male	510	538	606	613	585	661	700	506	541	420	312	288
	Female	534	583	600	650	667	685	737	544	611	477	308	319
	Total	1 044	1 121	1 206	1 263	1 252	1 346	1 437	1 050	1 152	897	620	607
Grant Aided	Male	854	921	947	926	941	965	1 074	1 134	1 131	867	762	664
	Female	897	1 068	1 030	1 184	1 114	1 153	1 041	1 526	1 510	1 075	871	842
	Total	1 751	1 989	1 977	2 110	2 055	2 118	2 115	2 660	2 641	1 942	1 633	1 506
Community/Unknown	Male	9 619	8 381	7 795	7 227	6 242	5 683	5 029	1 466	1 508	933	789	830
	Female	9 662	8 437	7 961	7 372	6 404	5 388	4 794	1 390	1 374	531	440	410
	Total	19 281	16 818	15 756	14 599	12 646	11 071	9 823	2 856	2 882	1 464	1 229	1 240

Table 38 Number of CSEN Pupils in All Schools by Sex and Year from 2007 to 2014

		Year							
		2007	2008	2009	2010	2011	2012	2013	2014
Primary Schools	Male	89 291	88 420	110 273	102 071	90 494	55 004	55 528	46 322
	Female	80 793	80 446	91 842	96 323	84 867	51 855	51 743	42 813
	Total	170 084	168 866	202 115	198 394	175 361	106 859	107 271	89 135
Secondary Schools	Male	2 687	1 826	1 826	1 880	2 351	146	396	3 797
	Female	2 558	1 906	1 906	2 417	2 561	215	482	3 674
	Total	5 245	3 732	3 732	4 297	4 912	361	878	7 471
							108 149		

Table 39 Number of CSEN Pupils in Levels by Sex and Province

	Level 1		Level 2		Level 3		Level 4	
	Male	Female	Male	Female	Male	Female	Male	Female
National	23 435	21 392	9 690	9 276	8 290	7 844	8 704	7 975
<i>Provinces</i>								
CENTRAL	1 787	1 611	803	771	724	672	668	651
COPPERBELT	2 564	2 426	1 217	1 174	844	813	714	631
EASTERN	1 745	1 744	876	869	782	854	693	641
LUAPULA	3 301	2 972	1 216	1 191	1 125	1 008	1 454	1 188
LUSAKA	1 122	790	526	454	470	451	450	479
MUCHINGA	1 612	1 601	598	490	416	440	405	343
NORTH WESTERN	3 836	3 520	1 549	1 512	1 318	1 129	1 264	1 248
NORTHERN	2 463	2 045	829	801	742	695	653	603
SOUTHERN	2 026	1 772	781	802	587	536	891	797
WESTERN	2 979	2 911	1 295	1 212	1 282	1 246	1 512	1 394

Children with Special Needs (CSEN)

Tables 38 - 40 represent CSEN students over time and by impairment, gender and province. Nationally, in 2013 there were 107,271 CSEN pupils at the primary level, and 878 CSEN pupils at secondary level. In 2014, there was a reduction in the number of CSEN pupils at primary level to 89,135 while the number of CSEN pupils at secondary level increased to 7,471.

Table 40 Number of CSEN Pupils in Grade Groups by Sex and Impairment

Impairments	Level 1			Level 2			Level 3			Level 4		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Hearing	3 228	2 787	6 015	1 401	1 302	2 703	4 629	4 089	8 718	6 030	5 391	11 421
Intellectual	5 200	4 688	9 888	2 477	2 389	4 866	7 677	7 077	14 754	10 154	9 466	19 620
Other	1 418	1 247	2 665	515	453	968	1 933	1 700	3 633	2 448	2 153	4 601
Physical	1 874	1 344	3 218	650	587	1 237	2 524	1 931	4 455	3 174	2 518	5 692
Specific Learning Difficulties	8 979	8 905	17 884	3 710	3 727	7 437	12 689	12 632	25 321	16 399	16 359	32 758
Visual	2 736	2 421	5 157	937	818	1 755	3 673	3 239	6 912	4 610	4 057	8 667

Table 41 Number of Pupils Receiving Bursaries by Grade Groups, Sex and Province

Provinces	Grades 1-7			Grades 8-12			Grades 8-9			Grades 1-12		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
CENTRAL	2 161	2 051	4 212	1 690	1 502	3 192	827	741	1 568	3 851	3 553	7 404
COPPERBELT	3 110	3 295	6 405	4 387	4 207	8 594	2 036	1 999	4 035	7 497	7 502	14 999
EASTERN	1 722	1 757	3 479	2 666	2 489	5 155	976	939	1 915	4 388	4 246	8 634
LUAPULA	2 445	2 531	4 976	1 915	3 469	5 384	976	2 111	3 087	4 360	6 000	10 360
LUSAKA	3 818	3 962	7 780	3 585	3 694	7 279	1 853	1 998	3 851	7 403	7 656	15 059
MUCHINGA	1 014	1 014	2 028	663	1 362	2 025	313	782	1 095	1 677	2 376	4 053
NORTH WESTERN	2 207	2 283	4 490	2 214	2 154	4 368	985	1 052	2 037	4 421	4 437	8 858
NORTHERN	2 630	2 501	5 131	1 374	2 492	3 866	577	1 482	2 059	4 004	4 993	8 997
SOUTHERN	2 913	3 407	6 320	1 611	2 062	3 673	673	923	1 596	4 524	5 469	9 993
WESTERN	2 222	2 240	4 462	1 443	3 241	4 684	716	2 060	2 776	3 665	5 481	9 146
TOTAL	24 242	25 041	49 283	21 548	26 672	48 220	9 932	14 087	24 019	45 790	51 713	97 503

Table 42 Number of Pupils Receiving Bursaries in All Schools by Sex from 2007 to 2014

		Year							
		2007	2008	2009	2010	2011	2012	2013	2014
Primary Schools	Male	41 836	49 829	47 741	42 818	38 417	41 304	30 624	24 242
	Female	45 173	49 829	53 365	45 113	42 862	45 530	35 083	25 041
	Total	87 009	99 658	101 106	87 931	81 175	86 834	65 707	49 283
Secondary Schools	Male	10 351	22 425	12 324	9 025	7 671	11 151	9 488	21 548
	Female	9 240	19 694	12 854	9 342	7 519	11 808	11 188	26 672
	Total	19 591	42 119	25 178	18 367	15 190	22 959	20 676	48 220

Bursaries

Tables 41 and 42 represent the number of pupils receiving bursaries. MoGE's bursary scheme is intended to support orphans and vulnerable children (OVC), especially girls who cannot afford basic school requisites. Table 41 highlights the number of boys and girls receiving bursaries by province and grade group. More girls tend to receive bursaries compared to the boys at both primary and secondary level.

In addition to the bursary support from the Ministry, other stakeholders such as the Forum for African Women Educationalists (FAWEZA) and the Campaign for Female Education (CAMFED) as well as Faith and Community Based Organisations support vulnerable children and girls' education through bursaries. A total of 97,503 learners received bursary support. 51,713 girls received bursary support, which is 6 percentage points more than the boys.

Table 43 Number of Pregnancies and re-admissions by Grade Groups from 2007 to 2014

		Year								
		2007	2008	2009	2010	2011	2012	2013	2014	% Increase
Primary Schools	Pregnancies	11 391	12 370	13 634	13 769	13 929	12 753	12 500	13 275	6.2
	Re-admissions	3 870	4 692	5 517	5 034	5 106	4 915	4 492	5 322	18.5
Secondary Schools	Pregnancies	1 752	1 566	1 863	1 817	1 778	2 096	2 428	3 103	27.8
	Re-admissions	1 082	1 019	1 162	1 033	924	1 086	1 337	2 069	54.7

Table 44 Number of Pregnancies and Re-admissions by Grade Groups and Province

Provinces	Grades 1-7		Grades 8-12		Grades 1-12	
	Pregnancies	Re-Admits	Pregnancies	Re-Admits	Pregnancies	Re-Admits
CENTRAL	1 476	478	276	105	1 752	583
COPPERBELT	1 125	412	620	328	1 745	740
EASTERN	1 766	613	236	180	2 002	793
LUAPULA	948	448	230	135	1 178	583
LUSAKA	989	446	339	211	1 328	657
MUCHINGA	504	184	171	113	675	297
NORTH WESTERN	1 727	890	321	303	2 048	1 193
NORTHERN	825	379	203	97	1 028	476
SOUTHERN	2 357	718	356	254	2 713	972
WESTERN	1 558	754	351	343	1 909	1 097

Pregnancies & Readmissions

Tables 43 - 45 illustrate pregnancies and re-admissions by year and province, Grade group, and urban/rural areas. According to Table 43, there were 13,275 pregnancies at primary school level and 5,322 re-admissions while 3,103 pregnancies and 2,069 readmissions were reported at secondary school level. The number of pregnancies by province ranged from the lowest at 675 in Muchinga to 2,713 in Southern province.

Pregnancies at primary level increased by 6.2 percent from the previous year whereas at secondary level an increase of 27.8 percent of pregnancies was reported in 2014. The number of readmissions, however, remained low with the lowest at 297 in Muchinga to the highest at 1,193 in North Western province. 18.5% and 54.7 % of re-admissions were reported for primary and secondary levels respectively with the highest percentage in North Western and Western provinces. The most pregnancies were reported in rural areas for primary schools whereas the opposite was the case for secondary schools.

Table 45 Number of Pregnancies and re-admissions by Grade Groups, Location and Province

Provinces	Grades 1-7				Grades 8-12			
	Pregnancies		Re-Admits		Pregnancies		Re-Admits	
	Rural	Urban	Rural	Urban	Rural	Urban	Rural	Urban
CENTRAL	1 218	258	419	59	115	161	38	67
COPPERBELT	612	513	232	180	99	521	91	237
EASTERN	1 626	140	560	53	148	88	125	55
LUAPULA	888	60	392	56	186	44	105	30
LUSAKA	509	480	180	266	60	279	55	156
MUCHINGA	447	57	158	26	90	81	71	42
NORTH WESTERN	1 587	140	833	57	279	42	265	38
NORTHERN	714	111	306	73	101	102	58	39
SOUTHERN	2 130	227	608	110	178	178	113	141
WESTERN	1 440	118	697	57	140	211	100	243
Total	11 171	2 104	4 385	937	1 396	1 707	1 021	1 048

CHAPTER 8: TEACHERS

Table 46 Teachers in All Schools by Sex from 2007 to 2014

		Year							
		2007	2008	2009	2010	2011	2012	2013	2014
Primary Schools	Male	29 531	30 989	30 088	30 901	30 364	34 474	35 146	36 105
	Female	27 364	30 822	30 822	32 151	31 822	38 493	38 403	42 290
	Total	56 895	61 811	60 865	63 052	65 014	72 967	73 549	78 395
Secondary Schools	Male	8 831	9 293	9 645	9 843	8 845	10 785	11 273	12 551
	Female	5 886	6 119	6 852	6 979	6 078	7 854	8 342	9 867
	Total	14 717	15 412	16 497	16 822	12 947	18 639	19 615	22 418
Total		71 612	77 223	77 362	79 874	77 961	91 606	93 164	100 813

Table 47 Teachers in All Schools by Sex and Province

	Primary Schools			Secondary Schools		
	Male	Female	Total	Male	Female	Total
National	36 105	42 290	78 395	12 551	9 867	22 418
<i>Provinces</i>						
CENTRAL	4 619	4 722	9 341	1370	1131	2 501
COPPERBELT	4 107	10 143	14 250	2334	2705	5 039
EASTERN	4 084	3 233	7 317	1296	764	2 060
LUAPULA	2 914	2 313	5 227	868	374	1 242
LUSAKA	3 986	7 715	11 701	1862	1835	3 697
MUCHINGA	2 372	1 624	3 996	823	411	1 234
NORTH WESTERN	2 662	2 273	4 935	1092	625	1 717
NORTHERN	3 324	2 312	5 636	746	438	1 184
SOUTHERN	5 023	4 993	10 016	1537	1253	2 790
WESTERN	3 014	2 962	5 976	623	331	954

Total Teachers

Table 46 shows the trend in the number of teachers over the period between 2007 and 2014. There was an 8.2% increase in the number of teachers from 2013 to 2014. This increase was due to the government policy to employ more teachers to improve the quality of and access to education in the country.

Table 47 shows teachers by sex and province. There are 100,813 teachers in primary and secondary schools, of which 51.7% are female.

Table 48 Teachers in All Schools by Agency and Province

	Primary Schools				Secondary Schools				Total			
	GRZ	Grant Aided	Community	Private	GRZ	Grant Aided	Community	Private	GRZ	Grant Aided	Community	Private
National	58 886	2 974	10 454	6 074	16 443	2 395	1 462	2 125	75 329	5 369	11 916	8 199
<i>Provinces</i>												
CENTRAL	7 453	232	1 237	419	2 014	263	64	160	9 467	495	1 301	579
COPPERBELT	9 916	292	1 794	2 248	3 770	221	486	562	13 686	513	2 280	2 810
EASTERN	5 278	519	1 357	163	1 354	336	295	75	6 632	855	1 652	238
LUAPULA	4 286	124	628	189	1 059	101	56	26	5 345	225	684	215
LUSAKA	7 285	641	1 933	1 835	2 306	217	216	965	9 591	858	2 149	2 800
MUCHINGA	3 166	30	633	167	1 113	35	86	0	4 279	65	719	167
NORTH WESTERN	4 172	123	543	97	1 528	57	44	88	5 700	180	587	185
NORTHERN	4 402	375	713	146	781	229	100	74	5 183	604	813	220
SOUTHERN	7 800	550	1 006	660	1 818	728	89	155	9 618	1 278	1 095	815
WESTERN	5 128	88	610	150	700	208	26	20	5 828	296	636	170

Table 49 Mentors in IRI Centers by Sex and Province

	Male	Female	Total
National	3 045	2 540	5 585
<i>Provinces</i>			
CENTRAL	146	117	263
COPPERBELT	492	571	1 063
EASTERN	278	204	482
LUAPULA	81	27	108
LUSAKA	890	816	1 706
MUCHINGA	265	133	398
NORTH WESTERN	112	70	182
NORTHERN	68	27	95
SOUTHERN	560	403	963
WESTERN	153	172	325

IRI Centres

Table 49 shows that there are 5,585 IRI Centre mentors, of which 3,045 are males and 2,540 females. Lusaka Province has the highest number (1,706) followed by Copperbelt (1,063). Southern Province has 963 centres. The data shows that these centres are more concentrated along the line of the railway.

Table 50 Teachers in All Schools By Academic Qualifications and Sex

	Primary Schools			Secondary Schools			All Schools		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Below Standard 6	13	5	18	1	0	1	14	5	19
First Degree	181	156	337	1 095	664	1 759	1 276	820	2 096
Form 2/ Grade 9	815	555	1 370	9	13	22	824	568	1 392
Form 3/ Grade 10	476	330	806	14	11	25	490	341	831
Form 4	329	300	629	197	139	336	526	439	965
Form 5/Grade 12	33 619	40 422	74 041	11 066	8 919	19 985	44 685	49 341	94 026
GCE "A" Level	137	138	275	49	30	79	186	168	354
Higher Degree	31	14	45	60	37	97	91	51	142
Standard 6	82	73	155	4	9	13	86	82	168
Unknown	422	297	719	56	45	101	478	342	820

Table 51 Teachers in All Schools By Professional Qualifications and Sex

	Primary Schools			Secondary Schools			All Schools		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Advanced Diploma	159	96	255	187	57	244	346	153	499
Certificate In Special Education	208	184	392	25	28	53	233	212	445
Diploma (Basic or Sec. Teacher's)	10 309	11 602	21 911	7 773	5 527	13 300	18 082	17 129	35 211
Education Bachelor's Degree	958	865	1 823	3 016	1 919	4 935	3 974	2 784	6 758
Master's Degree	63	59	122	106	71	177	169	130	299
None	3 999	1 813	5 812	44	22	66	4 043	1 835	5 878
Other Bachelor's Degree	110	91	201	223	100	323	333	191	524
Pre-School Teacher's Certificate	637	2 983	3 620	53	230	283	690	3 213	3 903
Primary Teacher's Certificate	17 865	23 123	40 988	840	1 625	2 465	18 705	24 748	43 453
Special Education Degree	42	69	111	50	41	91	92	110	202
Special Education Diploma	401	515	916	120	128	248	521	643	1 164
Unknown	1 354	890	2 244	114	119	233	1 468	1 009	2 477

Teacher Qualifications

Table 50 illustrates teachers' academic qualifications, with many having Form 5/Grade 12, of which 74,041 are at primary schools and 19,985 at secondary schools. Form 5/Grade 12 is the minimum compulsory qualification for accessing higher qualifications; the lower qualifications are slowly being phased out.

Table 51 shows the professional qualifications held by teachers. There are 21,911 and 40,988 diplomas and certificate holders respectively in primary schools. In secondary schools, 2,465 teachers had a primary teacher's certificate and 13,300 teachers had a basic/secondary diploma. There are 4,945 degree holders in secondary schools which is supposedly a minimum qualification to teach in most subjects.

Table 52 Teacher Attrition by Sex from 2007 to 2014

		Year							
		2007	2008	2009	2010	2011	2012	2013	2014
Primary School	Male	4 520	3 918	5 426	5 543	4 772	528	4 290	4 600
	Female	3 248	2 827	4 287	4 192	4 114	251	3 453	3 751
	Total	7 768	6 745	9 713	9 735	8 886	779	7 743	8 351
Secondary School	Male	703	587	1 103	921	833	3 252	729	851
	Female	411	351	633	549	543	2 419	421	484
	Total	1 114	938	1 736	1 470	1 376	5 671	1 150	1 335
Total		8 882	7 683	11 449	11 205	10 262	6 450	8 893	9 686

Table 53 Teacher Attrition in All Schools by Sex and Reason

	Primary Schools			Secondary Schools			All Schools		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
All Reasons	4 600	3 751	8 351	851	484	1 335	5 451	4 235	9 686
Assigned to non-teaching duties	120	78	198	77	38	115	197	116	313
Contract expired	277	224	501	74	30	104	351	254	605
Death	247	169	416	71	28	99	318	197	515
Dismissed	219	131	350	32	6	38	251	137	388
Illness	111	119	230	8	2	10	119	121	240
Others	2 092	1 963	4 055	378	273	651	2 470	2 236	4 706
Resigned	1 037	695	1 732	112	58	170	1 149	753	1 902
Retired	497	372	869	99	49	148	596	421	1 017

Teacher Attrition

Table 52 shows teacher attrition from 2007 to 2014. Teacher attrition in 2014 was 9,686 in contrast to 8,893 in 2013.

Table 53 indicates that the greatest teacher attrition was due to "other reasons", suggesting the need for additional investigation, since teachers may have left due to better conditions offered elsewhere, frustrations, or many other reasons.

Note re. Table 52: Since 2008, this data separates teachers transferred to another post from teachers who left. The data should therefore be interpreted with caution since the ASC (2005-2007) data included teachers who were "transferred to another school" in the teacher attrition data.

Table 54 Teacher Attrition in All Schools By Sex and Province

	Primary Schools			Secondary Schools			All Schools		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
National	4 600	3 751	8 351	851	484	1 335	5 451	4 235	9 686
<i>Provinces</i>									
CENTRAL	610	499	1 109	102	67	169	712	566	1 278
COPPERBELT	462	745	1 207	110	71	181	572	816	1 388
EASTERN	580	381	961	96	52	148	676	433	1 109
LUAPULA	409	249	658	93	41	134	502	290	792
LUSAKA	540	640	1 180	165	99	264	705	739	1 444
MUCHINGA	373	174	547	39	24	63	412	198	610
NORTH WESTERN	304	184	488	61	27	88	365	211	576
NORTHERN	379	210	589	48	25	73	427	235	662
SOUTHERN	545	438	983	103	71	174	648	509	1 157
WESTERN	398	231	629	34	7	41	432	238	670

Table 55 Teacher Deaths in All Schools By Sex and Province

	Primary Schools			Secondary Schools			All Schools		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
National	247	169	416	71	28	99	318	197	515
<i>Provinces</i>									
CENTRAL	37	17	54	9	3	12	46	20	66
COPPERBELT	37	52	89	18	6	24	55	58	113
EASTERN	22	5	27	13	1	14	35	6	41
LUAPULA	18	4	22	4	1	5	22	5	27
LUSAKA	33	28	61	7	5	12	40	33	73
MUCHINGA	10	4	14	3	1	4	13	5	18
NORTH WESTERN	24	14	38	4	2	6	28	16	44
NORTHERN	20	7	27	2	2	4	22	9	31
SOUTHERN	20	17	37	7	5	12	27	22	49
WESTERN	26	21	47	4	2	6	30	23	53

Teacher Deaths

Tables 55 and 56 enable us to see a profile of teacher deaths, disaggregated by year, sex, province, and Primary and Secondary School.

Nationally, 515 teachers died in 2014 compared to 1157 in 2013. The Copperbelt followed by Lusaka had the highest deaths at 113 and 73 respectively. These trends are further illustrated in Figure 12.

Table 56 Teacher Deaths by Sex from 2007 to 2014

		Year							
		2007	2008	2009	2010	2011	2012	2013	2014
Primary School	Male	275	175	296	308	257	296	616	247
	Female	206	155	214	382	237	214	471	169
	Total	481	330	510	690	494	510	1 087	416
Secondary School	Male	67	105	70	59	41	70	45	71
	Female	45	66	34	36	16	34	25	28
	Total	112	171	104	95	57	104	70	99
Total	Mal	342	280	366	367	298	366	661	318
	Female	251	221	248	418	253	248	496	197
	Total	593	501	614	785	551	614	1 157	515

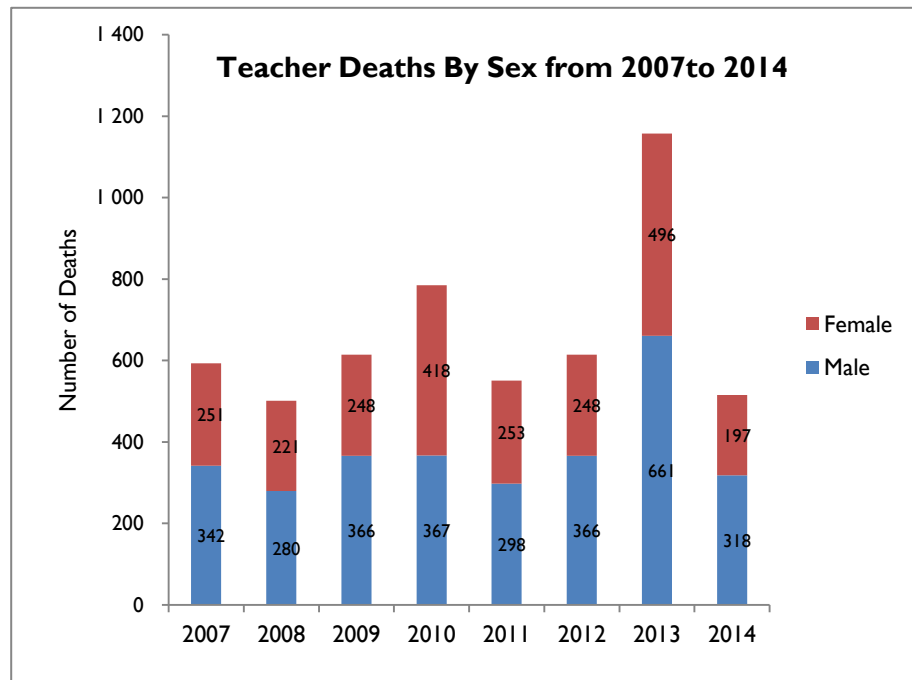


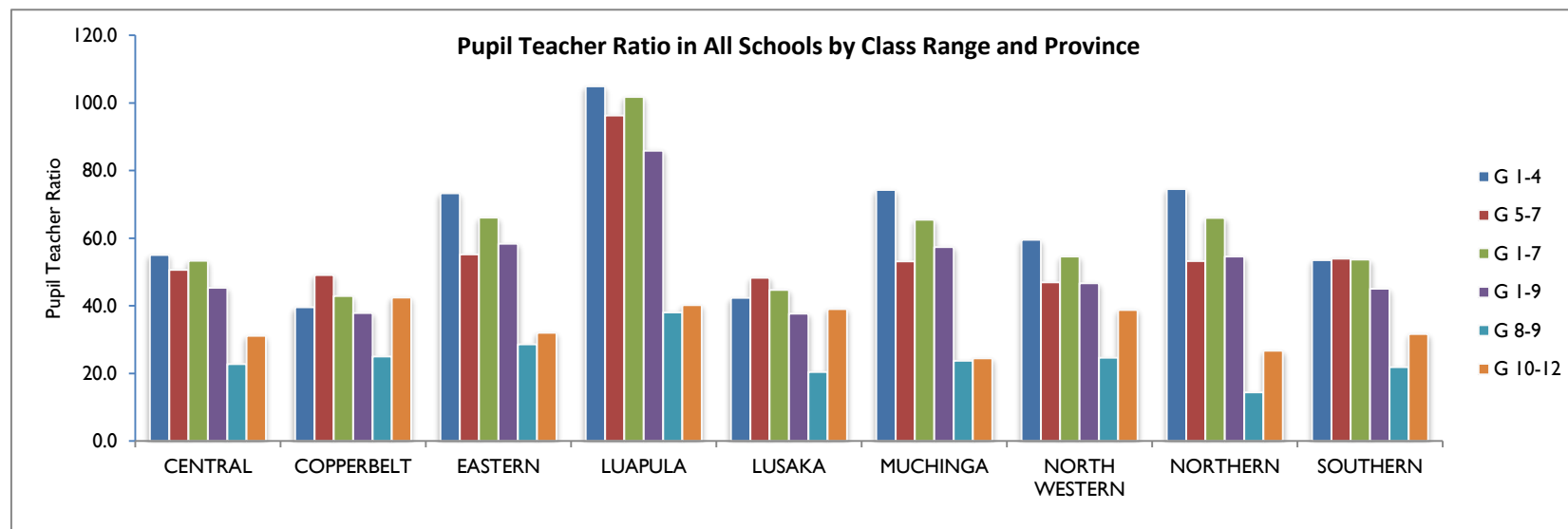
Table 57 Pupil Teacher Ratio in All Schools by Class Range and Province

	Grades Ranges					
	G 1-4	G 5-7	G 1-7	G 1-9	G 8-9	G 10-12
National	56.9	52.7	55.3	47.2	23.7	36.0
<i>Provinces</i>						
CENTRAL	55.1	50.6	53.4	45.3	22.8	31.1
COPPERBELT	39.6	49.1	42.9	37.8	25.0	42.5
EASTERN	73.3	55.2	66.1	58.3	28.6	32.0
LUAPULA	104.9	96.3	101.8	85.9	38.0	40.2
LUSAKA	42.4	48.3	44.7	37.7	20.4	39.0
MUCHINGA	74.3	53.1	65.5	57.3	23.8	24.4
NORTH WESTERN	59.5	46.9	54.6	46.7	24.6	38.8
NORTHERN	74.6	53.3	66.0	54.6	14.4	26.7
SOUTHERN	53.5	53.9	53.6	45.0	21.9	31.7
WESTERN	58.1	48.5	54.5	48.5	27.1	39.3

Pupil-Teacher Ratio (PTR)

Grades 8-9 and Grades 10-12 have lower PTR with 23.7 and 36 **pupils per teacher** respectively.

In Zambia, where there is double-shifting (1 teacher teaches 2 shifts), multi-grade classes (1 teacher teaches pupils of different ages, grades, and abilities), part-time teachers, and other alternative models, the grade-level PTR may not be a measure of typical classroom circumstances.



CHAPTER 9: QUALITY

Table 58 Completion Rate for Grades 7, 9 and 12 by Sex from 2007 to 2014

		Year							
		2007	2008	2009	2010	2011	2012	2013	2014
Grade 7	M	NA	NA	NA	NA	NA	NA	NA	88.9%
	Female	NA	NA	NA	NA	NA	NA	NA	83.6%
	All	NA	NA	NA	NA	NA	NA	NA	86.2%
Grade 9	M	47.2%	50.7%	55.7%	56.9%	51.9%	67.8%	68.9%	60.5%
	Female	39.3%	43.3%	46.8%	48.4%	54.2%	55.9%	59.6%	55.4%
	All	43.2%	47.0%	51.2%	52.7%	53.2%	61.9%	64.2%	57.9%
Grades 12	M	20.6%	22.2%	25.0%	22.3%	35.7%	30.4%	34.7%	34.8%
	Female	14.8%	17.2%	18.9%	17.4%	27.8%	23.3%	27.4%	28.6%
	All	17.7%	19.7%	22.0%	19.8%	31.7%	26.8%	31.1%	31.7%

Table 59 Completion Rate for Grades 7, 9 and 12 by Sex and Province

	Grade 7			Grade 9			Grade 12		
	Male	Female	All	Male	Female	All	Male	Female	All
National	88.9%	83.6%	86.2%	60.5%	55.4%	57.9%	34.8%	28.6%	31.7%
<i>Provinces</i>									
CENTRAL	105.0%	101.3%	103.1%	74.7%	70.4%	72.5%	33.9%	27.6%	30.8%
COPPERBELT	91.6%	91.4%	91.5%	93.6%	87.1%	90.3%	66.7%	60.1%	63.3%
EASTERN	72.8%	66.5%	69.7%	42.1%	36.9%	39.5%	27.1%	18.5%	22.9%
LUAPULA	91.8%	78.7%	85.3%	58.0%	46.9%	52.5%	31.4%	21.3%	26.4%
LUSAKA	86.8%	84.4%	85.5%	60.5%	55.2%	57.7%	31.4%	24.8%	27.9%
MUCHINGA	89.0%	76.5%	82.7%	35.5%	31.8%	33.7%	25.9%	17.2%	21.5%
NORTH WESTERN	102.2%	95.7%	99.0%	81.5%	69.9%	75.8%	40.3%	33.0%	36.6%
NORTHERN	80.3%	62.7%	71.6%	17.6%	18.4%	18.0%	25.5%	18.6%	22.1%
SOUTHERN	91.4%	90.8%	91.1%	61.3%	55.7%	58.5%	21.9%	18.9%	20.4%
WESTERN	84.5%	81.0%	82.8%	62.9%	56.6%	59.8%	28.3%	26.3%	27.3%

Completion Rate

The completion rate indicates the number of learners who have successfully completed a given grade of school (in a given year), expressed as a percentage of the total number of students of official school age for that grade. Table 58 indicates that in 2014, 86.2%, 57.9% and 31.7% of learners completed grade 7, 9 and 12 respectively. Completion rate at Grade 9 has been rising consistently since 2006 but declined in 2014.

Overall, the completion rate measures both an education system's coverage and student attainment, which makes it a more comprehensive indicator of school quality than gross or net enrolment rates, or cohort survival rates. However, it should be noted that reliable estimates of a single age group in a population is required for this calculation, and this is sometimes difficult to obtain. Table 59 disaggregates completion rates by sex and province.

Table 60 Survival Rate To Grade 5 by Sex from 2007 to 2014

	Year							
	2007	2008	2009	2010	2011	2012	2013	2014
Male	74.8%	79.2%	85.0%	82.0%	85.0%	95.1%	81.9%	70.7%
Female	80.7%	81.7%	81.5%	79.0%	77.3%	96.1%	81.2%	71.1%
All	77.8%	78.5%	83.3%	81.0%	81.5%	95.4%	81.4%	70.7%

Table 61 Survival Rate To Grades 5, 7 & 9 by Sex and Province

	From Grade 1 to 5			From Grade 1 to 7			From Grade 1 to 9		
	Male	Female	All	Male	Female	All	Male	Female	All
National	70.7%	71.1%	70.7%	51.5%	99.6%	50.4%	27.5%	27.4%	27.4%
<i>Provinces</i>									
CENTRAL	95.8%	92.0%	96.0%	77.8%	72.4%	76.8%	55.2%	50.3%	53.9%
COPPERBELT	98.8%	100.3%	99.5%	95.5%	89.6%	92.4%	91.1%	71.1%	80.2%
EASTERN	83.2%	78.3%	80.7%	69.4%	56.0%	62.4%	33.8%	26.2%	29.9%
LUAPULA	85.8%	75.6%	80.6%	64.6%	50.2%	57.2%	42.7%	29.8%	36.0%
LUSAKA	100.2%	106.2%	104.2%	97.3%	98.5%	98.8%	63.7%	62.8%	63.9%
MUCHINGA	104.0%	107.9%	106.5%	91.7%	94.5%	93.7%	23.1%	25.7%	24.4%
NORTH WESTERN	71.9%	68.4%	70.5%	59.4%	51.7%	55.7%	39.2%	36.4%	37.9%
NORTHERN	65.2%	70.1%	67.6%	47.8%	42.8%	45.7%	8.7%	9.1%	8.9%
SOUTHERN	113.9%	107.1%	110.7%	108.7%	97.5%	103.2%	70.2%	59.7%	65.0%
WESTERN	91.4%	90.0%	90.8%	88.5%	80.3%	84.4%	71.7%	62.5%	67.1%

Survival Rate to Grade 5

Survival rate is an indicator of quality as it measures the percentage of pupils enrolled in grade 1 during the current school year who are expected to reach the higher grade. It is estimated using data from a single year. A higher survival rate means more pupils are expected to reach the higher grade and that dropout rates are lower. Survival rates measure the extent to which the school system can retain pupils.

Survival rate to grade 5 of primary school is commonly considered as a pre-requisite for sustainable literacy.

Survival rates have been presented by year, sex and group grades and province in Tables 60 and 61.

Table 62 Examination Pass Rates in Grades 7 by Sex and Province in 2014

	Numbers Sat			Certificates					
	Male	Females	Total	Male	Female	Total	% Male	% Female	% Total
National	171 219	161 734	332 953	152 985	146 725	299 710	89.4%	90.7%	90.0%
<i>Provinces</i>									
Northern	12 919	9 633	22 552	12 248	8 425	20 673	94.8%	87.5%	91.7%
Luapula	11 197	9 045	20 242	10 536	9 045	19 581	94.1%	100.0%	96.7%
Southern	22 422	21 738	44 160	19 740	20 052	39 792	88.0%	92.2%	90.1%
Eastern	17 245	14 927	32 172	15 844	14 799	30 643	91.9%	99.1%	95.3%
Copperbelt	26 333	27 775	54 108	25 531	25 923	51 454	97.0%	93.3%	95.1%
North Western	10 219	9 181	19 400	9 662	9 122	18 784	94.6%	99.4%	96.8%
Central	19 388	18 520	37 908	17 367	18 370	35 737	89.6%	99.2%	94.3%
Western	9 786	9 301	19 087	9 772	9 286	19 058	99.9%	99.8%	99.9%
Lusaka	31 143	33 359	64 502	24 471	23 996	48 467	78.6%	71.9%	75.1%
Muchinga	10567	8255	18822	7814	7707	15521	74%	93%	82%

Table 63 Examination Pass Rates in Grades 9 by Sex and Province in 2014

	Numbers Sat			Certificates					
	Male	Females	Total	Male	Female	Total	% Male	% Female	% Total
National	154 506	145 369	299 875	90 788	78 587	169 375	58.8%	54.1%	56.5%
<i>Provinces</i>									
Northern	9 420	6 762	16 182	5 578	3 414	8 992	59.2%	50.5%	55.6%
Luapula	9 226	7 018	16 244	5 644	3 616	9 260	61.2%	51.5%	57.0%
Southern	17 624	16 481	34 105	8 964	7 495	16 459	50.9%	45.5%	48.3%
Eastern	13 772	11 105	24 877	7 610	5 130	12 740	55.3%	46.2%	51.2%
Copperbelt	30 593	33 216	63 809	19 384	20 372	39 756	63.4%	67.3%	62.3%
North Western	10 523	8 372	18 895	6 366	4 945	11 311	60.5%	59.1%	59.9%
Central	16 381	15 104	31 485	9 514	8 329	17 843	58.1%	55.1%	56.7%
Western	9 429	7 960	17 389	5 233	4 618	9 851	55.5%	58.0%	56.7%
Lusaka	30 220	33 781	64 001	18 225	17 754	35 979	60.3%	52.6%	56.2%
Muchinga	7318	5570	12888	4270	2914	7184	58%	52%	56%

Examination Pass Rate

Government policy at grade 7 is automatic promotion where there are enough places. Thus, the pass rate does not measure learning achievement.

At grade 9 level, the pass rate improved from 53.1% in 2013 to 56.5% in 2014. Copperbelt had the highest pass rate at 62.3% while the lowest was Southern with 48.3%. Lusaka recorded the highest improvement moving from 33.7% in 2013 to 56.2% in 2014.

The examination pass rates should not be compared with the transition rate from grade 9 to 10 as the pass rates are not based on the available places at grade 10. Thus, in principle, the pass rates can be higher than the transition rates.

At grade 12 level, the number of candidates increased from 103,853 in 2013 to 119,862 in 2014 and the number of candidates that got full certificates increased from 60,319 to 66,971. However, the percentage pass rates reduced from 58.1% to 55.9%.

Although Southern province was the best at grade 12 level, it performed worst at Grade 9 level in the same examination / calendar year (2014).

Table 64 Examination Pass Rates in Grades 12 by Sex and Province in 2014

	Numbers Sat			Certificates			% Male	% Female	% Total
	Male	Females	Total	Male	Female	Total			
National	66689	53173	119 862	38992	27979	66 971	58.5%	52.6%	55.9%
<i>Provinces</i>									
Northern	3670	2366	6 036	2013	1108	3 121	65.4%	46.8%	51.7%
Luapula	3924	2437	6 361	2230	1177	3 407	54.9%	48.3%	53.6%
Southern	6839	5245	12 084	4617	3411	8 028	56.8%	65.0%	66.4%
Eastern	6314	3974	10 288	4309	2625	6 934	67.5%	66.1%	67.4%
Copperbelt	16377	15528	31 905	7762	6254	14 016	68.2%	40.3%	43.9%
North Weste	3806	2558	6 364	2146	1332	3 478	47.4%	52.1%	54.7%
Central	6639	4937	11 576	4053	2800	6 853	56.4%	56.7%	59.2%
Western	3178	2497	5 675	1696	1211	2 907	61.0%	48.5%	51.2%
Lusaka	13230	11954	25 184	8391	7041	15 432	53.4%	58.9%	61.3%
Muchinga	2712	1677	4 389	1775	1020	2 795	63.4%	60.8%	63.7%

Table 65 Proportion of Candidates obtaining Full School Certificates (2012 – 2014)

Province	Sch. Certificates						3 Year Average in 2014 - 2012					
	2014			2013			2012					
	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total		%	
Muchinga	65.45	60.82	63.68	70.65	66.54	69.16	63.24	61.18	62.49	65.11	-5.48	reduction
Northern	54.85	46.83	51.71	54.65	56.38	55.26	62.08	55	59.51	55.49	-3.56	reduction
Luapula	56.83	48.3	53.56	54.25	46.09	51.19	54.67	47.97	52.13	52.29	2.37	Increase
Southern	67.51	65.03	66.43	66.26	62.04	64.47	65.38	60.96	63.49	64.8	1.96	Increase
Eastern	68.25	66.05	67.4	64.1	64.51	64.25	65.7	62.49	64.5	65.38	3.15	Increase
Copperbelt	47.4	40.28	43.93	62.7	57.44	60.2	57.67	51.69	54.79	52.97	-16.27	reduction
Northweste	56.38	52.07	54.65	60.55	58.16	59.64	57.26	51.45	55.04	56.44	-4.98	reduction
Central	61.05	56.71	59.2	59.5	56.44	58.21	55.76	49.63	53.14	56.85	0.99	Increase
Western	53.37	48.5	51.22	54.05	51.61	53.02	54.39	49.69	52.35	52.2	-1.8	reduction
Lusaka	63.42	58.9	61.28	64.55	58.11	61.59	64.9	59.59	62.44	61.77	-0.31	reduction
National	58.47	52.62	55.87	61.98	57.85	60.21	60.47	54.98	58.08	58.05	-4.34	reduction

Table 66 Number of Books in All Schools by Province

	Primary Schools					Secondary Schools				
	English	Life Skills	Maths	Zambian Languages	Total	English	Life Skills	Maths	Zambian Languages	Total
National	883 015	429 721	849 257	676 568	2 838 561	187 993	34 060	126 376	87 330	435 759
<i>Provinces</i>										
CENTRAL	78 282	35 169	77 128	64 472	255 051	14 464	1 590	8 877	5 433	30 364
COPPERBELT	166 371	54 375	146 475	108 866	476 087	49 424	8 434	34 654	18 848	111 360
EASTERN	66 677	41 621	68 680	65 790	242 768	13 591	3 163	9 535	9 930	36 219
LUAPULA	60 582	38 071	60 459	51 139	210 251	9 030	1 817	5 196	6 326	22 369
LUSAKA	133 658	36 958	116 440	84 176	371 232	43 246	6 065	30 180	6 603	86 094
MUCHINGA	56 955	33 368	59 038	46 402	195 763	6 159	699	3 925	2 310	13 093
NORTH WESTERN	60 396	34 497	67 246	47 840	209 979	9 710	1 877	6 493	13 791	31 871
NORTHERN	78 534	44 936	84 376	55 494	263 340	8 630	2 073	6 777	3 115	20 595
SOUTHERN	105 369	65 514	101 982	88 993	361 858	27 782	7 832	17 265	18 776	71 655
WESTERN	76 191	45 212	67 433	63 396	252 232	5 957	510	3 474	2 198	12 139

Pupil-Book Ratio (PBR)

Table 67 shows the number of English, Life Skills, Maths, and Zambian Language books in primary and secondary schools across the provinces. Table 67 shows the average PBR, the total number of regular students (APU students are not included) divided by the total number of books. At primary level, the number of pupils per book for English, Life Skills, Maths and Zambian Languages is 4, 7, 4 and 5 respectively, while at secondary it is 4, 24, 6 and 9. There is need for more books, especially at secondary level and particularly for Life Skills.

Table 67 Book Pupil Ratio in All Schools by Province

	Primary Schools					Secondary Schools				
	English	Life Skills	Maths	Zambian Languages	Total	English	Life Skills	Maths	Zambian Languages	Total
National	1/4	1/8	1/4	1/5	5/6	3/5	1/9	2/5	2/7	1 2/5
<i>Provinces</i>										
CENTRAL	1/6	0	1/6	1/7	4/7	3/7	0	1/4	1/6	1
COPPERBELT	2/7	0	1/4	1/5	6/7	1/2	0	1/3	1/5	1 1/9
EASTERN	1/6	1/9	1/6	1/6	3/5	1/2	1/9	1/3	1/3	1 1/3
LUAPULA	1/5	1/8	1/5	1/6	5/7	1/2	0	2/7	1/3	1 1/5
LUSAKA	2/7	0	1/4	1/6	4/5	7/8	1/8	3/5	1/8	1 3/4
MUCHINGA	1/4	1/7	1/4	1/5	5/6	4/9	0	2/7	1/6	1
NORTH WESTERN	1/4	1/7	1/4	1/5	5/6	2/5	0	1/4	5/9	1 1/4
NORTHERN	1/4	1/7	2/7	1/6	6/7	5/9	1/8	3/7	1/5	1 1/3
SOUTHERN	2/9	1/7	2/9	1/5	7/9	1	2/7	5/8	2/3	2 2/3
WESTERN	1/6	0	1/7	1/7	1/2	2/9	0	1/8	0	4/9

Note for Zeros

Table 68 Number of Classes in All Schools by Grade and Province

	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
National	12 056	11 952	11 693	11 653	10 560	10 199	9 567	5 230	5 313	2 272	2 050	1 981
<i>Provinces</i>												
CENTRAL	1 641	1 655	1 619	1 643	1 479	1 447	1 370	1 006	1 135	570	549	582
COPPERBELT	1 452	1 405	1 394	1 407	1 258	1 223	1 163	674	680	246	250	219
EASTERN	1 362	1 331	1 331	1 374	1 292	1 299	1 221	759	742	339	291	272
LUAPULA	1 490	1 460	1 457	1 452	1 355	1 303	1 264	783	746	268	229	216
LUSAKA	951	1 027	987	963	801	747	691	393	397	141	119	109
MUCHINGA	1 138	1 117	1 090	1 064	909	852	777	196	184	106	97	100
NORTH WESTERN	1 290	1 254	1 193	1 162	1 059	1 037	975	437	436	200	175	168
NORTHERN	895	882	849	823	780	744	687	350	358	185	152	135
SOUTHERN	1 034	1 030	1 006	992	937	888	802	428	423	94	88	88
WESTERN	803	791	767	773	690	659	617	204	212	123	100	92

Table 69 Pupil:Classroom Ratio in All Schools by Grade Group & Province

	Grades Ranges					
	G 1-4	G 5-7	G 1-7	G 8-9	G 1-9	G 10-12
National	43.2	38.6	41.4	44.9	41.8	52.0
<i>Provinces</i>						
CENTRAL	37.4	32.6	35.5	27.3	34.1	19.4
COPPERBELT	48.5	49.8	49.1	76.7	52.6	139.7
EASTERN	45.6	32.5	40.1	27.8	38.4	30.3
LUAPULA	29.0	22.5	26.4	21.0	25.6	25.9
LUSAKA	58.0	74.6	64.0	91.4	67.1	135.1
MUCHINGA	29.2	23.8	27.1	40.1	28.4	46.3
NORTHERN	56.3	42.5	50.9	25.1	48.0	33.4
SOUTHERN	62.2	58.4	60.7	72.1	62.0	100.6
WESTERN	80.6	78.0	79.6	147.5	84.7	86.2

Pupil:Classes Ratio (PCR)

Table 68 shows the number of classes per grade level across the country. The number of classes gradually decreases as you move from grade 1 to 12 with the most significant decrease being at the transition levels of grade 7 and 9. The PCR has increased at grade 1-7 from 36.9 to 41.4. The change may be due to the upgrading of some 220 primary schools into secondary schools. Equally the PCR has increased at grades 8-9 and grades 10-12. This increment may be attributed to the reduction in classrooms for secondary schools which had to accommodate grade 8s.

Contact Hours

Tables 70-72 represent the average number of hours learners spend at school per day, by grade, running agency and class type. The contact hours stated are based on the official school calendar and do not include time lost due to closure, learner or teacher absenteeism, exam period closures or time dedicated to sports. Table 70 indicates that on average, learners in Grades 1-4 spend 3.9 hours in the classroom, learners in Grades 5-7 spend 5.3 while Grades 8-12 spend 6.2 hours. Learners in Private schools had the most contact hours followed by Grant Aided and Government schools. Community schools had the fewest contact hours.

Table 70 Average Number of Scheduled Contact Hours by Grade and Province

	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
National	4.0	3.9	3.9	3.9	5.2	5.3	5.3	5.9	5.8	6.3	6.4	6.4
<i>Provinces</i>												
CENTRAL	3.7	3.6	3.6	3.6	5.1	5.1	5.2	5.8	5.9	6.0	6.3	6.4
COPPERBELT	4.4	4.2	4.3	4.3	5.1	5.2	5.3	6.2	6.1	6.7	6.8	6.9
EASTERN	4.1	4.0	4.1	4.1	5.5	5.5	5.5	5.9	5.8	6.2	6.0	6.1
LUAPULA	4.7	4.2	4.2	4.2	5.5	5.4	5.5	6.1	5.9	6.8	6.8	7.0
LUSAKA	4.6	4.5	4.5	4.6	5.4	5.5	5.6	6.0	5.8	6.2	6.4	6.4
MUCHINGA	3.1	3.1	3.1	3.1	4.8	4.8	4.8	5.3	5.4	6.4	6.5	6.5
NORTH WESTERN	4.0	3.9	3.9	3.9	5.3	5.2	5.3	6.0	5.9	6.4	6.6	6.6
NORTHERN	3.7	3.6	3.6	3.6	5.3	5.3	5.4	5.7	5.6	6.0	5.9	6.0
SOUTHERN	4.1	4.0	4.0	4.1	5.4	5.6	5.5	6.0	5.9	6.3	6.1	6.2
WESTERN	3.6	3.5	3.5	3.6	5.0	5.0	5.1	5.6	5.5	6.0	5.9	5.9

Table 71 Average Number of Scheduled Contact Hours by Grade and Running Agency

	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
Community/Unknown	3.7	3.6	3.7	3.8	4.9	5.0	5.1	5.9	5.9	6.1	6.1	6.3
Grant-aided	4.0	3.9	3.9	4.0	5.3	5.3	5.4	6.6	6.4	6.7	6.8	6.8
GRZ	3.9	3.8	3.7	3.8	5.2	5.3	5.3	5.8	5.7	6.1	6.1	6.1
Private	6.0	5.9	5.9	6.0	6.3	6.3	6.5	7.0	7.0	7.4	7.4	7.4

Table 72 Average Number of Scheduled Contact Hours by Grade and Class Type

	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
IRI	2.4	2.3	2.6	2.4	3.3	3.0	3.5					
OPEN								5.4	5.3			
Literacy	1.3	1.3	1.3	1.3	1.6	1.6	1.5	1.6	2.4	1.0	0.0	3.0
Regular	4.0	3.9	3.9	4.0	5.4	5.4	5.5	6.0	6.0	6.6	6.7	6.7

CHAPTER 10: INFRASTRUCTURE

Table 73 Classrooms, Special Education Classrooms, Laboratories and Libraries in Primary Schools by Type and Province

	Classrooms			Special Education Classrooms			Laboratories			Libraries		
	Perm	Temp	Incomplete	Perm	Temp	Incomplete	Perm	Temp	Incomplete	Perm	Temp	Incomplete
National	37 584	5 844	4 324	200	23	6	2 367	933	470	1 268	221	91
<i>Provinces</i>												
CENTRAL	4 030	700	621	12	4	1	34	13	6	43	24	5
COPPERBELT	6 233	425	315	40	1	0	50	4	14	101	11	5
EASTERN	3 563	542	605	5	1	0	18	5	2	106	52	5
LUAPULA	2 767	331	286	27	0	0	2 029	861	424	626	38	54
LUSAKA	5 746	145	199	64	5	1	153	5	13	183	30	9
MUCHINGA	1 963	575	469	6	3	2	4	8	0	7	6	2
NORTH WESTERN	2 319	461	288	8	1	1	7	9	0	22	2	2
NORTHERN	3 008	743	534	18	2	0	16	5	2	15	5	2
SOUTHERN	5 352	600	587	14	3	1	50	23	9	148	45	7
WESTERN	2 603	1 322	420	6	3	0	6	0	0	17	8	0

Table 74 Classrooms, Special Educ. Classrooms, Laboratories & Libraries in Secondary Schools by Type & Province

	Classrooms			Special Education Classrooms			Laboratories			Libraries		
	Perm	Temp	Incomplete	Perm	Temp	Incomplete	Perm	Temp	Incomplete	Perm	Temp	Incomplete
National	8 844	249	380	169	3	4	1 031	62	130	303	39	24
<i>Provinces</i>												
CENTRAL	888	52	60	10	3	0	100	8	12	28	5	4
COPPERBELT	2 049	27	41	80	0	0	192	7	15	55	8	5
EASTERN	759	25	25	0	0	2	115	15	10	33	4	0
LUAPULA	537	18	15	7	0	0	48	1	9	13	1	2
LUSAKA	1 717	1	22	20	0	0	197	0	18	81	6	3
MUCHINGA	283	71	35	22	0	0	37	13	5	8	4	0
NORTH WESTERN	554	34	94	7	0	0	51	8	30	12	5	7
NORTHERN	440	10	31	10	0	0	54	6	12	12	2	1
SOUTHERN	1 243	5	49	6	0	2	189	4	19	48	4	2
WESTERN	374	6	8	7	0	0	48	0	0	13	0	0

Table 75 Staff Houses in All Schools by Type and Province

	Primary Schools Staff Houses			Secondary Schools Staff Houses		
	Perm	Temp	Incomplete	Perm	Temp	Incomplete
National	16 676	8 184	2 612	6 946	304	208
<i>Provinces</i>						
CENTRAL	2 029	861	424	838	46	37
COPPERBELT	1 075	250	51	578	15	17
EASTERN	2 370	569	522	971	42	15
LUAPULA	1 234	401	128	622	34	5
LUSAKA	1 558	130	109	840	18	5
MUCHINGA	1 047	797	251	336	33	0
NORTH WESTERN	1 393	938	139	584	64	65
NORTHERN	1 386	1 221	303	482	7	30
SOUTHERN	3 110	725	510	1 188	29	33
WESTERN	1 474	2 292	175	507	16	1

School Infrastructure

Tables 71-73 provide a summary on school infrastructure. There was a total of 37,584 and 8,844 permanent classrooms in primary and secondary schools respectively. A total 16,676 permanent staff houses were reported at primary schools whereas at secondary 6,946 were reported. Table 74 highlights the infrastructure status for dormitories in schools across the country.

Table 76 Dormitories in All Schools by Sex and Province

	Primary Schools Male			Primary Schools Female			Secondary Schools Male			Secondary Schools Female		
	Perm	Temp	Incomplete	Perm	Temp	Incomplete	Perm	Temp	Incomplete	Perm	Temp	Incomplete
National	174	106	20	197	92	20	902	37	18	976	44	41
<i>Provinces</i>												
CENTRAL	30	16	1	36	9	3	96	3	1	127	4	10
COPPERBELT	33	1	4	42	1	4	61	3	0	121	8	2
EASTERN	11	35	9	18	33	7	93	8	1	91	10	4
LUAPULA	6	2	0	8	2	0	57	1	1	67	1	0
LUSAKA	38	3	0	28	2	1	145	6	0	178	10	1
MUCHINGA	4	12	0	5	11	1	59	2	0	57	3	2
NORTH WESTERN	3	2	0	5	4	0	42	5	10	45	6	10
NORTHERN	17	23	3	29	19	2	72	1	0	51	1	3
SOUTHERN	27	4	3	18	6	2	221	8	5	191	1	6
WESTERN	5	8	0	8	5	0	56	0	0	48	0	3

CHAPTER 11: TERTIARY

Table 77 Colleges of Education Student Enrolment in 2014

College	Primary Education Students			Secondary Education Students			Academic Staff			All Students		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Charles Lwanga	168	155	323			0	168	155	323	336	310	646
Chipata	361	343	704			0	361	343	704	722	686	1 408
David Livingstone			0	474	427	901		31	31	474	458	932
Chalimbana University	84	494		224	827		28	20	48		1 341	
Kasama	499	501	1 000			0	28	6	34	527	507	1 034
Kitwe	386	563	949			0	34	23	57	420	586	1 006
Malcom Moffat *			0			0			0	0	0	0
Mansa	221	216	437			0	28	10	38	249	226	475
Mongu	322	304	626			0	24	0	24	346	304	650
Northern	220	127	347			0			0	220	127	347
Mufulira *			0			0			0	0	0	0
Solwwezi	305	335	640			0	25	8	33	330	343	673
COSETCO *			0			0			0	0	0	0
Nkrumah			0			0			0	0	0	0
Nkana	16	127	143	9	26	35			0			0
ZAMISE *			0	34	49	83			0	34	49	83
chiuta Akuyanja			0	2	6	8			0		6	6
South West			0	39	85	124			0		85	85
NISTICOL *			0			0			0	0	0	0
Foundation for Cross-Cultural Education *			0			0			0	0	0	0
Jubeva	218	193	411			0		10	10	218	203	421
Lyambia	140	222	362			0	17	3	20	157	225	382
George Benson Christian			0	191	142	333	10		10	201	142	343
Mosi -o-atunya	20	40	60			0	9	3	12	29	43	72
The African Institute of Sathaya Sai Education *			0			0			0	0	0	0
Mars Hill Institute of business and education studies	61	35	96			0			0	61	35	96
Theological College of Central Africa *			0			0			0	0	0	0
Total	3 021	3 655	6 098	973	1 562	1 484	732	612	1 344	4 324	5 676	8 659

Note: Colleges marked with an asteric (*) did not submit data for 2014

Colleges & Universities

Tables 77-79 show the enrolment for Colleges of Education and Universities by discipline and sex. Student enrolment in Colleges of Education was 8,659 of which 66% were female students whereas student enrolment in the three public Universities was 22,753 with 42% female students.

Table 78 Public Universities Students Enrolment in 2014 (Fulltime programmes only)

University	UNZA			CBU			Mulungushi			All Students		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
School Business			0	430	496	926	48	213	261	478	709	1 187
School of Built Environment			0	1273	1063	2336			0	1 273	1 063	2 336
School of Natural Resources	1000	610	1610	628	223	851			0	1 628	833	2 461
School of Technology			0			0	157	34	191	157	34	191
DDEOL			0	430	496	926			0	430	496	926
CLLE			0			0			0	0	0	0
Distater Management						0	45	48	93	45	48	93
School of Maths & Natural Science			0	1173	554	1727			0	1 173	554	1 727
School of Agriculture	220	137	357			0	163	66	229	383	203	586
School of Education	2693	2883	5576			0			0	2 693	2 883	5 576
School of Engineering	388	27	415	923	124	1047			0	1 311	151	1 462
School of Humanities and Social Sciences	1440	1494	2934			0	233	304	537	1 673	1 798	3 471
School of Mines and Mineral Sciences				656	244	900						
Graduate School				682	333	1015						
School of Law	129	128	257			0			0	129	128	257
School of Medicine	173	22	195	172	69	241			0	345	91	436
School of vet. Medicine	90	39	129			0			0	90	39	129
Total	6 133	5 340	11 473	6 367	3 602	9 969	646	665	1 311	13 146	9 607	22 753

Note: CBU did not submit Academic Staff data

Table 79 Academic Staff by Sex

	UNZA			CBU			Mulungushi			All Universities		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Total	228	87	315				51	7	58	279	94	373

CHAPTER 12: COMPUTERS

Table 80 NUMBER OF COMPUTERS BY PROVINCE

CENTRAL	Computers	1281
COPPERBELT	Computers	4135
EASTERN	Computers	714
LUAPULA	Computers	541
LUSAKA	Computers	3713
MUCHINGA	Computers	478
NORTH WESTERN	Computers	753
NORTHERN	Computers	508
SOUTHERN	Computers	2537
WESTERN	Computers	830
TOTAL		15490

Table 82 NUMBER OF COMPUTERS BY RUNNING AGENCY

GRZ	8419
GRANT AIDED	1936
PRIVATE	4681
COMMUNITY	454
TOTAL	15490

TABLE 81 NUMBER OF SCHOOLS WITH COMPUTERS BY RUNNING AGENCY

GRZ	687
GRANT AIDED	99
PRIVATE	405
COMMUNITY	71
TOTAL SCHOOLS	1262

Table 83 NUMBER OF COMPUTERS BY EDUCATION LEVEL 2014/2015

SECONDARY	7961
PRIMARY	7529
TOTAL	15490

Table 84 NUMBER OF COMPUTERS BY EDUCATION LEVEL 2013/2014

SECONDARY	6503
PRIMARY	3342
TOTAL	9845

NB - COMPUTERS ARE FOR LEARNERS AND NOT ADMINISTRATION PURPOSES