

Survival, Drop-Out Rates and

We constructed drop-out rates (and conversely survival rates) based on “**Simkins style**” for each grade using GHS data. The table above shows the drop-out rates and survival rates for 2 different age cohorts, those born during 1987-1989 and those born during 1990-1992. The two cohorts were used to ensure that the individuals we are considering are of the same age (between 22 and 26 years old). The specific cohorts were chosen, because individuals aged 22 – 26 years old would have completed school in the years during which the GHS data was collected, and we will therefore be able to gauge what percentage of them finished their schooling at which grades. The survival rate in the table above shows the percentage of individuals, born between 1987 and 1989, or 1990 and 1992, that reached each subsequent grade. The rate was then converted to show the number of individuals, out of a 1000 individuals born into each of the 2 cohorts that reached each grade. This indicates the survival rate to each grade and conversely the drop-out rate after each grade.

Interpretation focusing on 2014-2016 (Table 1):

Grade 1: 99.3% of those born between 1990 and 1992 attained Grade 1, which means that 993 per 1000 in this cohort attained Grade 1. This, in turn means that 0.7% of these dropped-out of school before attaining Grade 1

Grade 12: 48.6% of those born between 1990 and 1992 attained Grade 12, which means that 486 per 1000 attained Grade 12. This means that 26% of Grade 11 dropped-out before attaining Grade 12.

Table 1: Survival rates and drop-out rates, associated with each grade

	2011-2013			2014-2016		
	Survival Rate	Survival per 1000	Percentage dropping out with this Grade attained	Survival Rate	Survival per 1000	Percentage dropping out with this Grade attained
Total cohort	100%			100%		
No schooling		1000			1000	
Grade 1	99.3%	993	0.7%	99.3%	993	0.7%
Grade 2	98.9%	989	0.4%	99.1%	991	0.1%
Grade 3	98.4%	984	0.5%	98.9%	989	0.2%
Grade 4	98.0%	980	0.4%	98.4%	984	0.5%
Grade 5	97.3%	973	0.7%	97.9%	979	0.5%
Grade 6	96.3%	963	1.0%	97.1%	971	0.8%
Grade 7	94.9%	949	1.5%	95.7%	957	1.5%
Grade 8	92.0%	920	3.1%	92.7%	927	3.1%
Grade 9	87.2%	872	5.2%	88.5%	885	4.6%
Grade 10	79.4%	794	9.0%	80.0%	800	9.5%
Grade 11	65.8%	658	17.1%	67.6%	676	15.5%
Grade 12	48.6%	486	26.0%	51.5%	515	23.8%

Data Source: General Household Survey, DBE own calculation