

Education indicators



NET ENROLMENT RATE (NER)

Method: Divide the number of students enrolled who are of the official age group for a given level of education by the population in the same age group and multiply the result by 100.

so for Vanuatu, **NER Primary**

$$\frac{\text{students aged 6 to 11 years who are in primary school}}{\text{number of children aged 6 to 11 years}} \times 100$$

Enrolments of children aged 6-11yrs in primary school = 33,554

Age	ECE	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
3	1,597						
4	3,523						
5	4,355	524	6				1
6	3,217	2,315	285	11			
7	1,154	3,609	1,535	264	15	1	4
8	345	2,340	2,526	1,231	234	23	1
9	76	941	2,221	2,155	1,165	209	10
10	34	245	1,125	2,047	1,823	981	218
11		68	399	1,261	1,737	1,682	873
12		15	136	590	1,201	1,577	1,495
13		4	46	242	578	1,043	1,504

Population aged 6 to 11 years = 38,912

$$NER = 33,554 \div 38,912 \times 100 = 86.2\%$$

GROSS ENROLMENT RATE (GER) ...

Definition: Total enrolment in a level of education, regardless of age, as a percentage of the eligible official school-age population in the same level of education.

Method: Divide the number of students enrolled in a given level of education (regardless of age) by the population of the official age group for that level of education, and multiply by 100.

so for Vanuatu, GER Primary

$$\frac{\text{students who are in primary school}}{\text{number of children aged 6 to 11 years}} \times 100$$

Age	ECE	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
3	1,597						
4	3,523						
5	4,355	524	6				1
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11		68	399	1,261	1,737	1,682	873
12		15	136	590	1,201	1,577	1,495
13		4	46	242	578	1,043	1,504
14		6	14	59	242	588	1,032
15		3	10	22	97	293	654
16				7	28	70	184
17			1	2	5	18	59
18					2	5	14
19							
20							
21							
22							
23							
Total	14,301	10,070	8,304	7,891	7,127	6,490	6,049

Enrolments = 45,931


Population = 38,912

$$GER = 45,931 / 38,912 \times 100 = 118\%$$

Out of school rates



Level	Total	Sex		Location		Wealth Quintile				
		Boys	Girls	Urban	Rural	Poorest	Second	Middle	Fourth	Richest
Primary	23	24	22	23	23	25	28	21	20	20
Secondary	34	34	34	26	36	42	38	36	32	23



Definition: Children in the official primary school age range who are not enrolled in either primary or secondary schools.

Ex 1. Applying a growth rate

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ECCE	2012	2013	2014	2015
Total Population (ages 3–5)	20,333	21,124	21,748	22,177

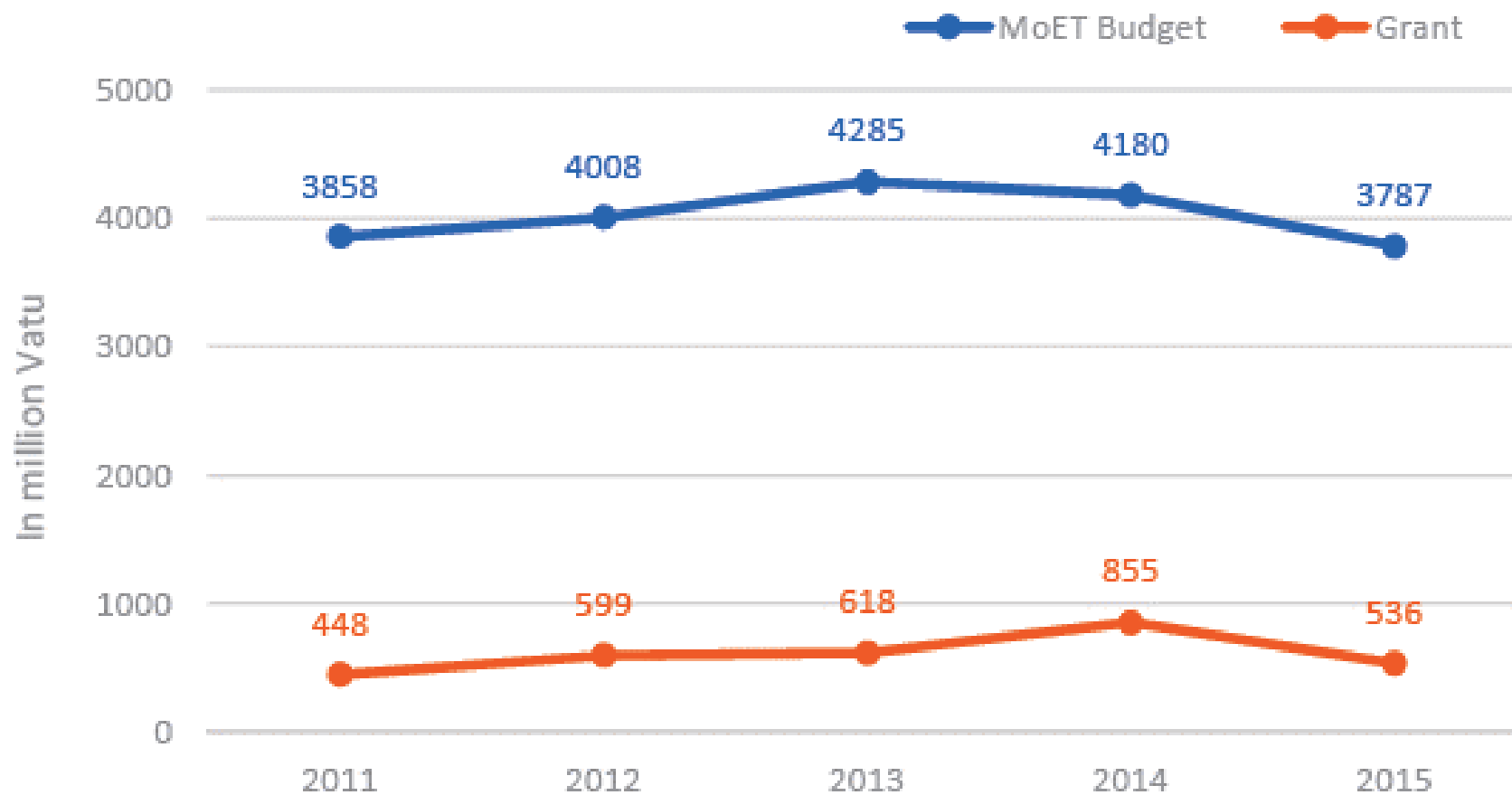
- Average annual growth = 2.935% (from yesterday)
- Let's estimate the total for 2018

$$= 22,177 \times (1 + (2.935/100))^3 \leftarrow \text{since 2015 to 2018 is 3 years}$$

$$= ??$$

SOURCE OF FUNDING FOR MINISTRY OF EDUCATION AND TRAINING

Figure 26: MoET recurrent Government budget and grants in million Vatu, 2011–2015



Source: 2015 MoET Annual Report

Financial indicator



UNIT COSTS OF EDUCATION

Table 49: Expenditure, enrolment and expenditure per student in government schools, 2015

School level	Actual Expenditure	Enrolment	Expenditure per Student
ECE	4,000,000	14,301	280
Primary	1,843,199,001	45,931	40,130
Secondary	1,282,690,949	20,568	62,363
Post-Secondary (VIT, VITE)	190,841,767	1,021	186,917
Scholarships	608,124,738.000	518	1,173,986

Source: MoET. Note *Enrolment is in Government funded/assisted schools only and grouped by school level not level. Post-secondary includes VMC, VITE, VIT, VNC and Australian Pacific Training College (APTC). Scholarship includes New Intake and Ongoing awards in 2015

Exercise 2



Indicator	2011	2012	2013	2014
% education expenditure from total govt. recurrent budget	26%	27%	26%	24%
Government costs per level of education (VUV per year)				
ECCE	4,000,000	4,000,000	4,000,000	4,000,000
Primary	1,804,610,452	1,765,738,345	1,715,321,656	252,890,663
Secondary	1,094,319,856	1,143,479,996	1,185,048,593	92,486,852
Post-Secondary (VIT, VITE)	176,288,054	178,342,797	697,217,351	31,780,000
Scholarships	357,016,786	431,693,922	634,500,000	433,633,027

Describe something from this table:

- share of costs by level of education, or
- Change in an education level from 2011 to 2014, or
- make a pie graph showing costs by level in 2014

Gender statistics in education

Policy-relevant questions	Data needed	Sources of data
<p>Do the same proportions of girls and boys enter the first grade of school? Do girls start school later than boys?</p>	<p>New entrants in primary school by sex and age and population by sex and age.</p>	<p>School administrative records combined with population censuses, household surveys or population registers.</p>
<p>Are the same proportions of girls and boys participating in education?</p>	<p>Enrolment by sex, age, grade and level of education and population by sex and age.</p> <p>School attendance by sex, age and level of education.</p>	<p>School administrative records combined with population censuses, household surveys or population registers.</p> <p>Household surveys, such as the Demographic and Health Survey (DHS), the Multiple Indicator Cluster Survey (MICS), the Core Welfare Indicators Questionnaire (CWIQ) and the Living Standards Measurement Study (LSMS).</p> <p>Population censuses</p>
<p>Is the progression and transition to secondary education the same for girls and boys?</p>	<p>Enrolled students by sex, age, grade and level of education. Repeaters by sex, grade and level of education.</p>	<p>School administrative records.</p>