

**2015-  
2016**

# STATISTICS ON EDUCATION IN BARBADOS *AT A GLANCE*

This document provides concise information on the major areas of the Barbados education system. These areas include statistics on finance, student enrolment, teachers and examinations.

## STRUCTURE OF THE EDUCATION SYSTEM

TABLE 1

PROGRAMME LEVEL		THEORETICAL DURATION (YEARS)	THEORETICAL AGE AT START OF ACADEMIC YEAR <sup>1</sup>	YEAR LEVEL NAME	INSTITUTION TYPE	USA / CANADA EQUIVALENT
Pre-Primary		2	3	Nursery	Nursery School; Primary School	Pre-Kindergarten
			4	Reception	Primary School	
Primary		6	5	Infants A	Primary School	Kindergarten
			6	Infants B		1st Grade
			7	Class 1		2nd Grade
			8	Class 2		3rd Grade
			9	Class 3		4th Grade
			10	Class 4		5th Grade
Secondary		5	11	Form 1	Secondary School	6th Grade
			12	Form 2		7th Grade
			13	Form 3		8th Grade
			14	Form 4		9th grade
			15	Form 5		10th Grade
Special Needs		-	-	Special Needs	Primary School; Special Needs School	
Post-secondary Non-tertiary		2	16	Lower 6 Form	Secondary School	11th Grade
			17	Upper 6 Form		12th Grade
		2	16	-	Technical Institute Community College	
Tertiary	Under-graduate	3	18	-	University Community College Teacher's College	
Tertiary	Post-graduate	1	21	-	Teacher's College	
		2	21	-	University	
		3 - 5	23	-	University	

<sup>1</sup> An academic year runs from September 1 to August 31.

## FINANCIAL STATISTICS

TABLE 2

<b>PUBLIC EXPENDITURE ON EDUCATION BY LEVEL</b>	
Pre-primary, Primary, Special Needs	\$179,446,265
Secondary	\$126,779,888
Tertiary <sup>2</sup>	\$126,217,405
<b>TOTAL PUBLIC EXPENDITURE ON EDUCATION</b>	
<b>\$ 489,608,238</b>	
<b>PUBLIC EXPENDITURE PER STUDENT</b>	
<b>\$7,804.15</b>	
<b>ASSOCIATED INDICATORS</b>	
<b>Public expenditure on education as a percentage of total expenditure</b>	11%
<b>Public expenditure on education as a percentage of GDP</b>	5%
<b>Public CURRENT expenditure on education as a percentage of public expenditure on education</b>	94%
<b>Public CAPITAL expenditure on education as a percentage of public expenditure on education</b>	6%
<b>Public expenditure per student as a percentage of GDP per capita</b>	24%

<sup>2</sup> Includes post-secondary institution, Samuel Jackman Prescod Polytechnic

## ENROLMENT AND TEACHER STATISTICS

### PRE-PRIMARY, PRIMARY, SPECIAL NEEDS AND SECONDARY EDUCATION<sup>3</sup>

The Pre-Primary, Primary, Special Needs and Secondary education levels cater to children ranging in age from 3 to 16 years. In Barbados, compulsory education starts at age 5 and ends at 16. Pre-primary education is therefore not mandatory but recent policy has facilitated its expansion.

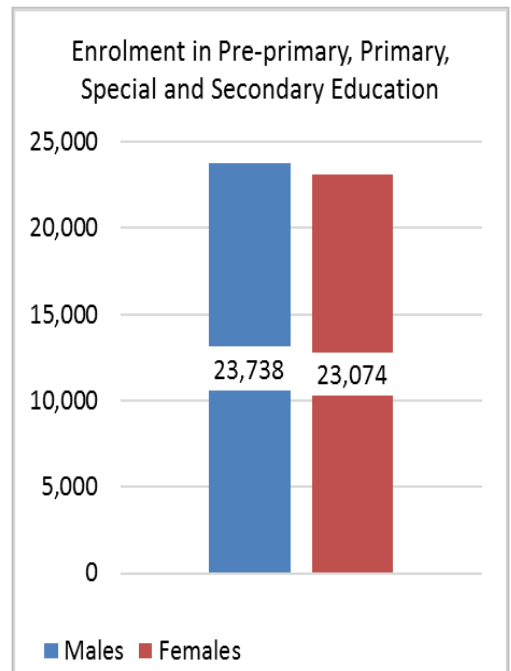


FIGURE 1

<sup>3</sup> All figures presented on private schools have been estimated.

GROSS ENROLMENT RATE (GER)

TABLE 3

MALES	FEMALES	TOTAL
100%	101%	101%

NET ENROLMENT RATE (NER)

TABLE 4

MALES	FEMALES	TOTAL
94%	96%	95%

GENDER PARITY INDEX (GPI)

1.01

MALE TO FEMALE RATIO

TABLE 5

SECTOR	MALES : FEMALES	FEMALES (%)
Public	105:100	49
Private	86:100	54
Total	103:100	49

Teachers in Pre-primary, Primary, Special and Secondary Education

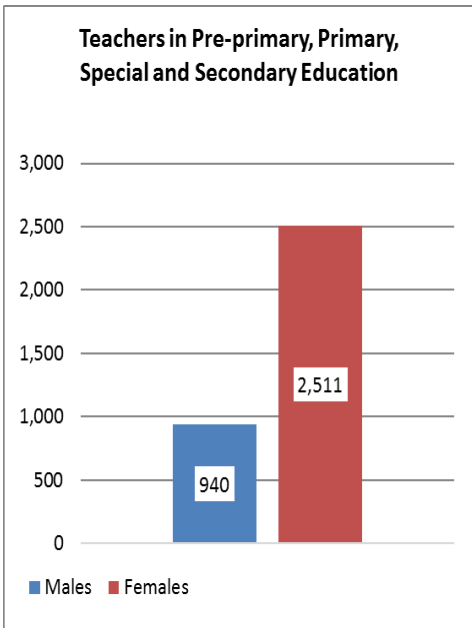


FIGURE 3

Teachers in Pre-primary, Primary, Special and Secondary Education by Training Status and Sex

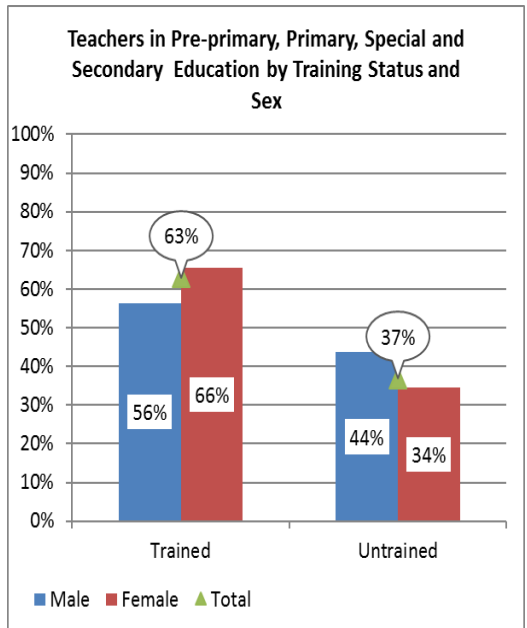


FIGURE 2

## PRE-PRIMARY EDUCATION

In Barbados, Pre-primary education caters to children between 3 and 5 years old. Pre-primary education spans two instructional grades known as Nursery and Reception.

## SCHOOLS BY TYPE

TABLE 6

TYPE	QUANTITY OFFERING
<b>PUBLIC</b>	
Nursery	10
Primary	67
	<b>77</b>
<b>PRIVATE</b>	
Nursery	14
Primary/Mixed <sup>4</sup>	22
	<b>36</b>

<sup>4</sup> Mixed refers to institutions that also offer instruction at multiple levels.

## ENROLMENT BY SCHOOL TYPE AND SEX

TABLE 7

SCHOOL TYPE	MALES	FEMALES	TOTAL
<b>PUBLIC</b>			
Nursery	492	476	968
Primary	2029	1824	3853
	<b>2521</b>	<b>2300</b>	<b>4821</b>
<b>PRIVATE</b>			
Nursery	136	130	266
Primary/ Mixed	311	313	624
	<b>447</b>	<b>443</b>	<b>890</b>
<b>GRAND TOTAL</b>	<b>2983</b>	<b>2983</b>	<b>5966</b>

## ENROLMENT INDICATORS

TABLE 8

	MALES	FEMALES	TOTAL
<b>GER</b>	81%	77%	79%
<b>NER</b>	78%	76%	77%
<b>GPI</b>	0.96		
	<b>PUBLIC</b>	<b>PRIVATE</b>	<b>TOTAL</b>
<b>M:F</b>	110:100	101:100	108:100
<b>F (%)</b>	48	50	48

### ENROLMENT BY AGE<sup>5</sup>

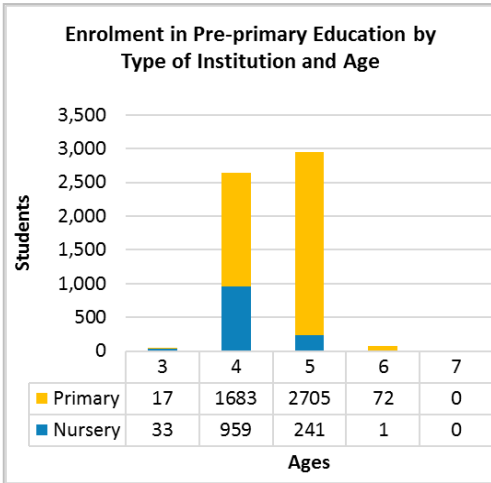


FIGURE 4

### ENROLMENT BY PARISH

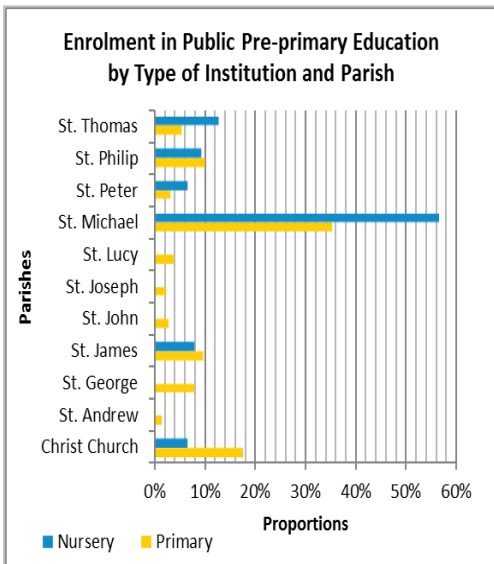


FIGURE 5

<sup>5</sup> Ages are calculated as at the end of the academic year.

### TEACHERS BY SCHOOL TYPE

TABLE 9

SCHOOL TYPE	MALES	FEMALES	TOTAL
<b>PUBLIC</b>			
Nursery	2	87	89
Primary	9	222	231
	<b>11</b>	<b>309</b>	<b>320</b>
<b>PRIVATE</b>			
Nursery	x	x	x
Primary/ Mixed	5	40	45
	<b>5</b>	<b>40</b>	<b>45</b>
<b>GRAND TOTAL</b>	<b>16</b>	<b>349</b>	<b>365</b>

x – included in category below

### TEACHERS BY TRAINING AND SEX

TABLE 10

STATUS	MALES	FEMALES	TOTAL
<b>PUBLIC</b>			
Trained	6	196	202
Untrained	5	113	118
	<b>11</b>	<b>309</b>	<b>320</b>
<b>PRIVATE</b>			
Trained	2	24	26
Untrained	3	16	19
	<b>5</b>	<b>40</b>	<b>45</b>
<b>GRAND TOTAL</b>	<b>16</b>	<b>349</b>	<b>365</b>



## PRIMARY EDUCATION

Primary education caters to students between ages 5 and 11. It spans six grades referred to as Infants A, Infants B, Class 1, Class 2, Class 3 and Class 4.

### SCHOOLS BY TYPE

TABLE 11

TYPE	QUANTITY OFFERING
<b>PUBLIC</b>	
Primary	68
<b>PRIVATE</b>	
Primary/Mixed	26
<b>GRAND TOTAL</b>	<b>94</b>

### ENROLMENT BY SCHOOL TYPE AND SEX

TABLE 12

SCHOOL TYPE	MALES	FEMALES	TOTAL
<b>PUBLIC</b>			
Primary	9012	8739	17751
<b>PRIVATE</b>			
Primary/Mixed	1138	1259	2397
<b>GRAND TOTAL</b>	<b>10150</b>	<b>9998</b>	<b>20148</b>

### ENROLMENT INDICATORS

TABLE 13

	MALES	FEMALES	TOTAL
<b>GER</b>	93%	95%	94%
<b>NER</b>	92%	94%	93%
<b>GPI</b>	1.02		
	PUBLIC	PRIVATE	TOTAL
<b>M:F</b>	103:100	90:100	102:100
<b>F (%)</b>	49	53	50

### ENROLMENT BY AGE<sup>6</sup>

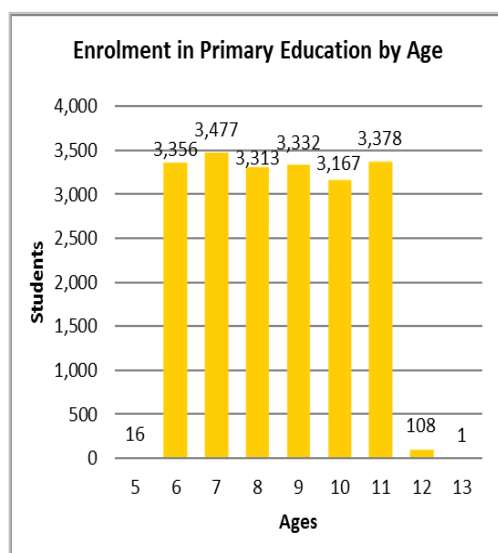


FIGURE 6

<sup>6</sup> Ages are calculated as at the end of the academic year

**ENROLMENT BY PARISH**

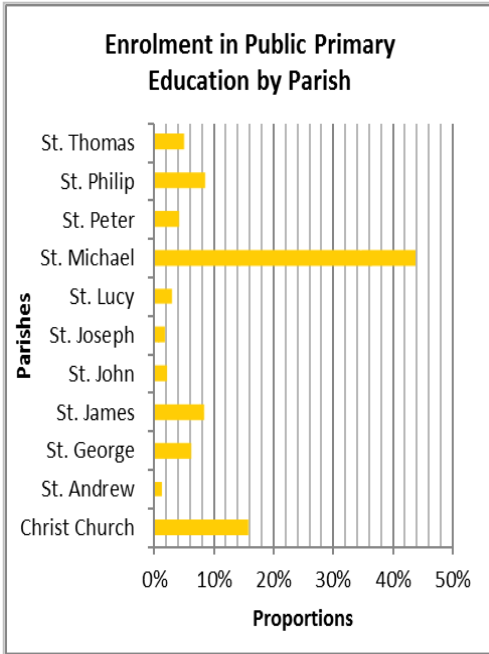


FIGURE 7

**TEACHERS BY SCHOOL TYPE**

TABLE 14

SCHOOL TYPE	MALES	FEMALES	TOTAL
<b>PUBLIC</b>			
Primary	318	1002	1320
<b>PRIVATE</b>			
Primary/ Mixed	32	144	176
<b>GRAND TOTAL</b>	<b>350</b>	<b>1146</b>	<b>1496</b>

**TEACHERS BY TRAINING AND SEX**

TABLE 15

STATUS	MALES	FEMALES	TOTAL
<b>PUBLIC</b>			
Trained	217	770	987
Untrained	101	232	333
	<b>318</b>	<b>1002</b>	<b>1320</b>
<b>PRIVATE</b>			
Trained	4	36	40
Untrained	28	108	136
	<b>32</b>	<b>144</b>	<b>176</b>
<b>GRAND TOTAL</b>	<b>350</b>	<b>1146</b>	<b>1496</b>

## SPECIAL NEEDS EDUCATION

Special Needs education caters to students with a variety of challenges such as visual impairments, hearing impairments, autism spectrum disorders, Downe’s Syndrome, cognitive challenges and attention deficit disorders. In Barbados, the models used to provide special needs education include dedicated special needs schools; dedicated units attached to main-stream schools; inclusion units and remedial programmes.

In the public sector, the four primary schools offering dedicated special needs education in attached units are Charles F. Broome Memorial, Eagle Hall, Ellerton and All Saints’, while the three dedicated special needs schools are Erdiston, Ann Hill and Irving Wilson. The four registered private special needs schools are the Learning Centre, Challenor Creative Arts and Training Centre, John Payne School for Exceptional Children and the School House for Special Needs.

### SCHOOLS BY TYPE

TABLE 16

SCHOOL TYPE	QUANTITY OFFERING
<b>PUBLIC</b>	
Primary	4
Special Needs	3
	<b>7</b>
<b>PRIVATE</b>	
Special Needs	4
<b>GRAND TOTAL</b>	<b>11</b>

### ENROLMENT BY SCHOOL TYPE AND SEX

TABLE 17

SCHOOL TYPE	MALES	FEMALES	TOTAL
<b>PUBLIC</b>			
Primary	84	48	132
Special Needs	149	68	217
	<b>233</b>	<b>116</b>	<b>349</b>
<b>PRIVATE</b>			
Special Needs	187	47	234
<b>GRAND TOTAL</b>	<b>420</b>	<b>163</b>	<b>583</b>

## ENROLMENT INDICATORS

TABLE 18

	MALES	FEMALES	TOTAL
<b>GER</b>	2%	1%	1%
<b>GPI</b>	0.40		
	PUBLIC	PRIVATE	TOTAL
<b>M:F</b>	201:100	398:100	258:100
<b>F (%)</b>	33%	20%	28%

## ENROLMENT BY AGE<sup>7</sup>

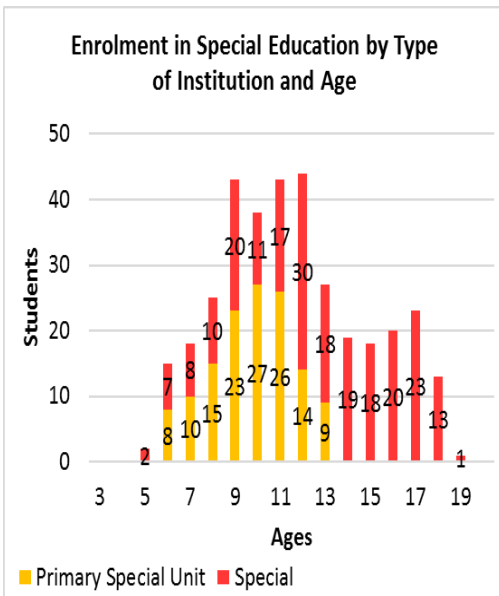


FIGURE 8

<sup>7</sup> Ages are calculated as at the end of the academic year.

## ENROLMENT BY PARISH

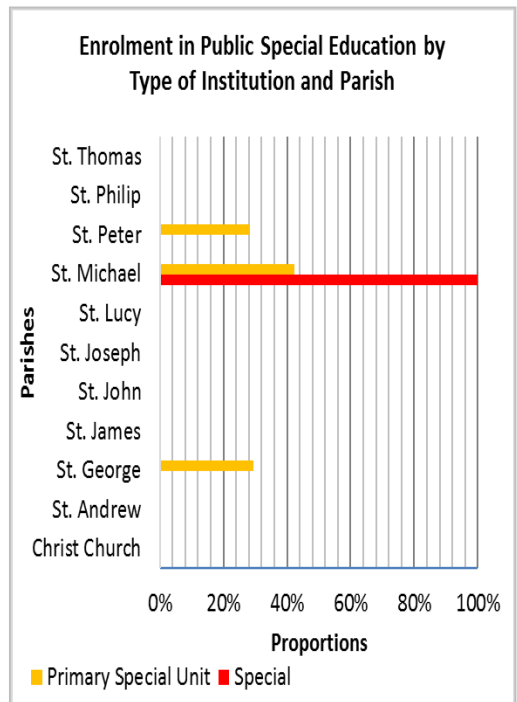


FIGURE 9

TEACHERS BY SCHOOL TYPE

TABLE 19

SCHOOL TYPE	MALES	FEMALES	TOTAL
<b>PUBLIC</b>			
Primary			
Special Needs Unit	0	19	19
Special Needs	3	32	38
	<b>6</b>	<b>51</b>	<b>57</b>

TEACHERS BY TRAINING AND SEX

TABLE 20

STATUS	MALES	FEMALES	TOTAL
<b>PUBLIC</b>			
Trained	5	40	45
Untrained	1	11	12
	<b>6</b>	<b>51</b>	<b>57</b>

## SECONDARY EDUCATION

Secondary education caters to students between ages 11 and 16; spanning five grades known as Form 1, Form 2, Form 3, Form 4 and Form 5.

### SCHOOLS BY TYPE

TABLE 21

TYPE	QUANTITY OFFERING
<b>PUBLIC</b>	
Secondary	22
<b>PRIVATE</b>	
Secondary/Mixed	9
<b>GRAND TOTAL</b>	<b>31</b>

### ENROLMENT BY SCHOOL TYPE AND SEX

TABLE 22

SCHOOL TYPE	MALES	FEMALES	TOTAL
<b>PUBLIC</b>			
Secondary	9740	9331	19071
<b>PRIVATE</b>			
Secondary/ Mixed	460	839	1299
<b>GRAND TOTAL</b>	<b>10200</b>	<b>10170</b>	<b>20370</b>

### ENROLMENT INDICATORS

TABLE 23

	MALES	FEMALES	TOTAL
<b>GER</b>	112%	116%	114%
<b>ANER*</b>	95%	100%	97%
<b>GPI</b>	1.03		
	<b>PUBLIC</b>	<b>PRIVATE</b>	<b>TOTAL</b>
<b>M:F</b>	104:100	55:100	100:100
<b>F (%)</b>	49	65	50

\*adjusted NER

### ENROLMENT BY AGE<sup>8</sup>

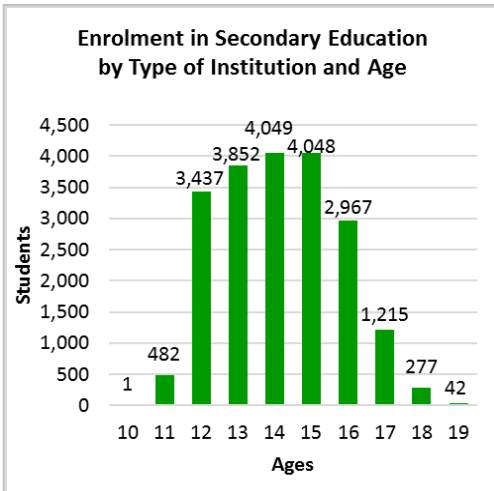


FIGURE 10

### ENROLMENT BY PARISH

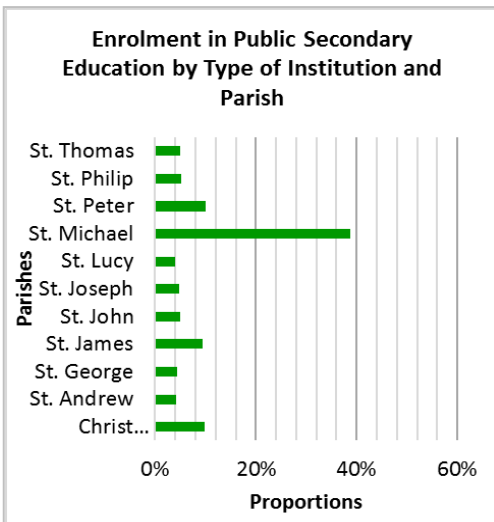


FIGURE 11

<sup>8</sup> Ages are calculated as at the end of the academic year.

### TEACHERS BY SCHOOL TYPE

TABLE 24

SCHOOL TYPE	MALES	FEMALES	TOTAL
<b>PUBLIC</b>			
Secondary	504	802	1306
<b>PRIVATE</b>			
Secondary/ Mixed	33	168	201
<b>GRAND TOTAL</b>	<b>537</b>	<b>970</b>	<b>1507</b>

### TEACHERS BY TRAINING AND SEX

TABLE 25

STATUS	MALES	FEMALES	TOTAL
<b>PUBLIC</b>			
Trained	283	470	753
Untrained	221	332	553
	<b>504</b>	<b>802</b>	<b>1306</b>
<b>PRIVATE</b>			
Trained	8	47	55
Untrained	25	121	146
	<b>33</b>	<b>168</b>	<b>201</b>
<b>GRAND TOTAL</b>	<b>537</b>	<b>970</b>	<b>1507</b>

## POST-SECONDARY NON-TERTIARY EDUCATION

### INSTITUTIONS BY TYPE

TABLE 26

TYPE	QUANTITY OFFERING
Secondary	9
Post-Secondary Non-tertiary	1
<b>GRAND TOTAL</b>	<b>31</b>

Nine public secondary schools offer two years of the post-secondary non-tertiary education level, commonly known as 6<sup>th</sup> Form. The Samuel Jackman Prescod Polytechnic is the lone institution dedicated to post-secondary non-tertiary education.

### ENROLMENT BY INSTITUTION TYPE AND SEX

TABLE 27

INSTITUTION TYPE	MALES	FEMALES	TOTAL
Secondary	575	831	1406
Post-secondary Non-tertiary	1644	851	2495
<b>GRAND TOTAL</b>	<b>2219</b>	<b>1682</b>	<b>3901</b>

### ENROLMENT BY AGE<sup>9</sup>

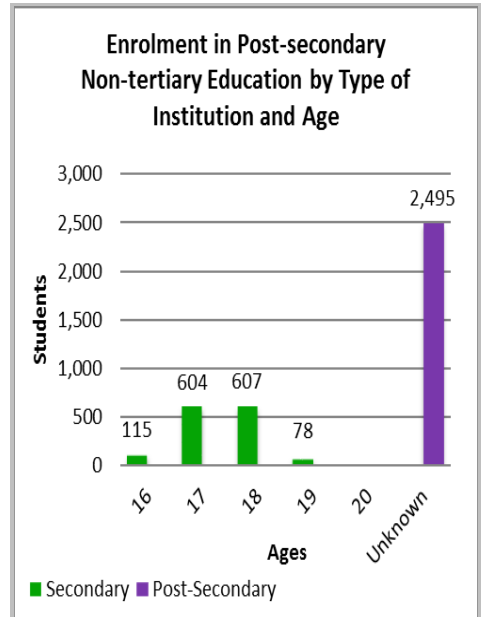


FIGURE 12

### ENROLMENT INDICATORS

TABLE 28

	MALES: FEMALES	FEMALE (%)
Secondary	69:100	59%
Post-secondary Non-tertiary	193:100	34%
<b>GRAND TOTAL</b>	<b>132:100</b>	<b>43%</b>

<sup>9</sup> Ages are calculated as at the end of the academic year.



## TERTIARY EDUCATION

## INSTITUTIONS BY TYPE

TABLE 29

TYPE	QUANTITY OFFERING
Tertiary	3

The three public institutions offering tertiary level education in Barbados are the Erdiston Teachers' Training College (ETTC); the Barbados Community College (BCC) and the University of the West Indies, Cave Hill Campus (UWI).

## ENROLMENT BY SEX

TABLE 30

INSTITUTION	MALES	FEMALES	TOTAL
ETTC <sup>e</sup>	66	249	315
BCC	1108	2031	3139
UWI	2070	3995	6065
<b>GRAND TOTAL</b>	<b>3244</b>	<b>6275</b>	<b>9519</b>

*e - estimate*

## ENROLMENT INDICATORS

TABLE 31

	MALES: FEMALES	FEMALE (%)
ETTC	27:100	79
BCC	55:100	65
UWI	52:100	66
<b>GRAND TOTAL</b>	<b>52:100</b>	<b>66%</b>

## SCHOLARSHIPS

TABLE 32

TYPE OF AWARD	TOTAL
National Development Scholarship	7
Males	2
Females	5

## EXAMINATION STATISTICS

### BARBADOS SECONDARY SCHOOL ENTRANCE EXAMINATION

The Barbados Secondary School Entrance Examination (BSSEE) is a standardised test with components in Mathematics, English and Essay, which is normally administered to eleven-year-old students in the final grade of primary education.

#### CANDIDATES

TABLE 33

MALES	FEMALES	TOTAL
1774	1753	3527

#### EARLY SITTERS AND DEFERRALS

The Flexible Transfer System facilitates the sitting of the BSSEE by students, as far as their abilities allow, at an early age or at most one year late.

TABLE 34

	MALES	FEMALES	TOTAL
Early Sitters	6	9	15
Deferrals	123	56	179

#### NATIONAL AVERAGES

TABLE 35

SUBJECT	AVERAGE
Mathematics	48
English	68
Essay	C

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**DISTRIBUTION OF SCORES**

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TABLE 36

SCORE RANGES	DISTRIBUTION
<b>MATHEMATICS</b>	
0-39 (Unsatisfactory)	40%
40-100 (Satisfactory)	60%
<b>ENGLISH</b>	
0-39 (Unsatisfactory)	13%
40-100 (Satisfactory)	87%
<b>ESSAY</b>	
D - F (Unsatisfactory)	25%
A - C (Satisfactory)	75%

## CARIBBEAN SECONDARY EDUCATION CERTIFICATE

The Caribbean Secondary Education Certificate (CSEC) is awarded by the Caribbean Examinations Council in a variety of general and technical/vocational subject areas. Students normally sit CSEC examinations at the end of the fifth year of secondary school.

### REGISTRATIONS AND SITTINGS<sup>10</sup>

TABLE 37

	COUNT	%
<b>REGISTRATIONS</b>		
Males	9,201	
Females	12,003	
<b>Total</b>	<b>21,204</b>	
<b>SITTINGS</b>		
Males	8,709	95%
Females	11,659	97%
<b>Total</b>	<b>20,368</b>	<b>96%</b>

<sup>10</sup> Quantities refer to subject registrations and sittings rather than students.

### OVERALL PASS RATES

TABLE 38

GRADES	MALES	FEMALES	TOTAL
I	13%	15%	14%
II	23%	25%	24%
III	30%	31%	30%
<b>TOTAL</b>	<b>66%</b>	<b>70%</b>	<b>68%</b>

### PASS RATES IN ENGLISH

TABLE 39

GRADES	MALES	FEMALES	TOTAL
I	23%	32%	28%
II	25%	27%	27%
III	26%	23%	24%
<b>TOTAL</b>	<b>75%</b>	<b>82%</b>	<b>79%</b>

### PASS RATES IN MATHEMATICS

TABLE 40

GRADES	MALES	FEMALES	TOTAL
I	17%	14%	16%
II	18%	14%	16%
III	24%	25%	25%
<b>TOTAL</b>	<b>59%</b>	<b>54%</b>	<b>56%</b>

## CARIBBEAN ADVANCED PROFICIENCY EXAMINATION

The Caribbean Advanced Proficiency Examination (CAPE) is administered by the Caribbean Examinations Council to students who usually would have completed secondary education certifications and wish to be certified at the post-secondary level. Students normally sit Unit 1 and UNIT 2 of CAPE at the end of the first and second year of post-secondary non-tertiary education (lower- and upper-sixth forms) respectively.

### REGISTRATIONS AND SITTINGS<sup>11</sup>

TABLE 41

	COUNT	%
<b>REGISTRATIONS</b>		
Males	2002	
Females	3344	
<b>Total</b>	<b>5346</b>	
<b>SITTINGS</b>		
Males	1953	98%
Females	3286	98%
<b>Total</b>	<b>5239</b>	<b>98%</b>

<sup>11</sup> Quantities refer to subject registrations and sittings rather than students.

### REGISTRATIONS AND SITTINGS BY PROFICIENCY

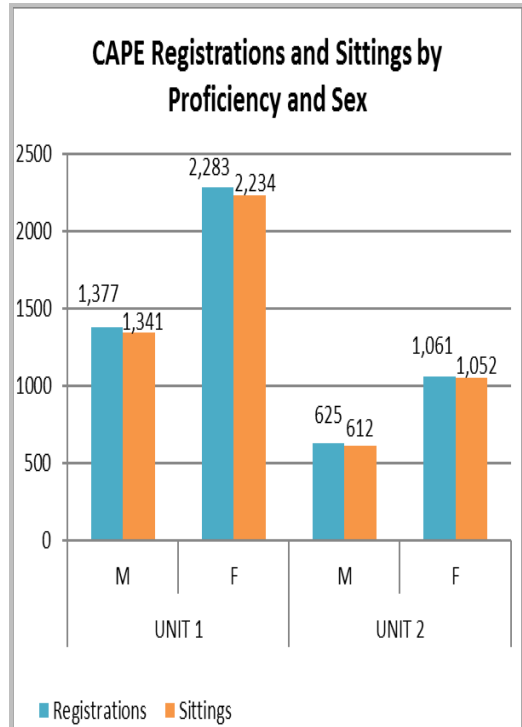


FIGURE 13

## OVERALL PASS RATES

TABLE 42

GRADES	MALES	FEMALES	TOTAL
I	10%	14%	12%
II	19%	23%	22%
III	23%	23%	23%
IV	21%	19%	20%
V	17%	14%	15%
<b>TOTAL</b>	<b>90%</b>	<b>92%</b>	<b>91%</b>

## UNIT ONE PASS RATES

TABLE 43

GRADES	MALES	FEMALES	TOTAL
I	9%	13%	12%
II	18%	23%	21%
III	23%	22%	23%
IV	22%	18%	19%
V	17%	14%	15%
<b>TOTAL</b>	<b>89%</b>	<b>91%</b>	<b>90%</b>

## UNIT TWO PASS RATES

TABLE 44

GRADES	MALES	FEMALES	TOTAL
I	13%	15%	14%
II	20%	24%	22%
III	21%	24%	23%
IV	20%	20%	20%
V	18%	12%	15%
<b>TOTAL</b>	<b>92%</b>	<b>95%</b>	<b>94%</b>

## SCHOLARSHIPS AND EXHIBITIONS

TABLE 45

TYPE OF AWARD	TOTAL
<b>Barbados Scholarships</b>	<b>9</b>
Males	3
Females	6
<b>Barbados Exhibitions</b>	<b>20</b>
Males	8
Females	12
<b>Total Awards</b>	<b>29</b>
Males	11
Females	18



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