

# Enrollment and Capacity

## Enrollment

### Enrollment Projections and Capacity Calculations

The overall student population in USVI Public Schools was drastically affected by impacts of Hurricanes Irma and Maria, and ultimately saw a reduction in enrollment at all age levels. Following the aftermath of the hurricanes, overall island population and student enrollment has started to rebuild, but projections are still significantly lower than the previous all-time highs that drove the build out of many VIDE schools.

Currently, elementary enrollment is substantially lower than the capacity afforded by existing, operating schools. Capacities for existing properties are calculated by multiplying the maximum class size by the number of teaching stations at each grade level.

The following summary outlines details about existing enrollments and calculated capacities for a representative sample of elementary, middle, K-8, and high school programs.

Reference the advancement opportunities for a more detailed summary of capacity.

**2019-2020  
Enrollment**      **+20% PreK-8  
+25% 9-12**

	2019-2020 Enrollment	+20% PreK-8 +25% 9-12
<b>St. Croix</b>		
PreK-8 Enrollment	3,741 Students	4,490 Students
9-12 Enrollment	1,742 Students	2,178 Students
<b>SubTotal</b>	<b>5,483 Students</b>	<b>6,668 Students</b>
<b>St. Thomas</b>		
PreK-8 Enrollment	3,738 Students	4,486 Students
9-12 Enrollment	1,705 Students	2,132 Students
<b>SubTotal</b>	<b>5,443 Students</b>	<b>6,618 Students</b>
<b>Total</b>	<b>10,926 Students</b>	<b>13,286 Students</b>

*Note: The assumption for a 20% increase in PreK-8 student enrollment is based on overall population growth and an anticipated recapture of students currently attending private schools. A 25% increase was calculated at the high school level. A 10% growth rate was also reviewed in conjunction with phasing and funding considerations.*

### Guiding Principle

#### Using Technology to Assess the Impact of Practices

*Space will be provided that is adequate in relation to not only enrollment projections, but also suitable to support educational innovation and advancements for 21st century learning environments. Schools are nexus points that shape our communities which in-turn shape our schools. To strengthen this nexus it will be important to collect and maintain relevant data.*



## Virgin Islands Department of Education

### Office of Planning, Research and Evaluation

#### Public Schools Enrollment by Grade 2019-2020 (2/17/2020)



Districts/Schools	PK	KG	01	02	03	04	05	06	07	08	09	10	11	12	Total
<b>St. Thomas-St. John District</b>		<b>367</b>	<b>359</b>	<b>419</b>	<b>390</b>	<b>409</b>	<b>474</b>	<b>458</b>	<b>474</b>	<b>388</b>	<b>565</b>	<b>399</b>	<b>400</b>	<b>341</b>	<b>5,443</b>
Jane E. Tuitt Elementary School		42	43	52	35	28	26								226
Joseph Gomez Elementary School		89	79	87	75	93	105								528
Joseph Sibilly Elementary School		25	22	28	34	42	41	45							237
Lockhart Elementary School		79	79	111	90										359
Ulla F. Muller Elementary School		50	60	58	78	64	68	86							464
Yvonne E. Milliner-Bowsky Elementary School		60	60	65	54	61	90								390
Julius E. Sprauve School		22	16	18	24	29	35	23	20	25					212
Bertha C. Boschulte Middle School								170	219	177					566
Addelita Cancryn School						92	109	134	235	186					756
Charlotte Amalie High School											345	241	240	193	1,019
Ivanna Eudora Kean High School											220	158	160	148	686
<b>St. Croix District</b>	<b>30</b>	<b>386</b>	<b>380</b>	<b>397</b>	<b>399</b>	<b>430</b>	<b>479</b>	<b>430</b>	<b>429</b>	<b>381</b>	<b>561</b>	<b>393</b>	<b>367</b>	<b>421</b>	<b>5,483</b>
Alfredo Andrews Elementary School		74	71	60	65	71	84	66							491
Juanita Gardine		49	31	42	38	38	55	37	41	34					365
Claude O. Markoe Elementary School	13	70	56	57	51	67	63	59							436
Eulalie Rivera		49	35	42	43	53	56	48	48	24					398
Lew Muckle Elementary School		33	42	50	63	35	66	44							333
Pearl B. Larsen	17	31	50	36	41	52	40	60	47	45					419
Ricardo Richards Elementary School		40	59	71	65	70	59	75							439
Arthur A. Richards		40	36	39	33	44	56	41	111	90					490
John H. Woodson Junior High School									182	188					370
St. Croix Central High School											277	185	174	187	823
St. Croix Educational Complex High School											284	208	193	234	919
<b>Virgin Islands</b>	<b>30</b>	<b>753</b>	<b>739</b>	<b>816</b>	<b>789</b>	<b>839</b>	<b>953</b>	<b>888</b>	<b>903</b>	<b>769</b>	<b>1,126</b>	<b>792</b>	<b>767</b>	<b>762</b>	<b>10,926</b>

# Enrollment and Capacity

**By studying existing buildings in relation to their current student enrollments, optimum capacities were developed for each school. These capacities are rooted in the program proposals in this document.**

All proposed layouts will include an increased number of collaboration zones and flexible learning environments as well as an increase in student capacity.

**Bottom** Marysville Getchell High School Campus | Marysville, Washington  
**Right** Garden City High School | Garden City, Kansas



	School	Functional School Capacity	Functional Total Capacity	Current Total Capacity
<b>St. Croix</b>				
PreK - 8	Claude O. Markoe PreK-8	895	4,825	3,741
	Pearl B. Larsen PreK-8			
	*expansion not needed at 10% growth	895		
	*expansion not needed at 10% growth	895		
	Alfredo Andrews PreK-8	1,070		
	Arthur A. Richards PreK-8 (at Evelyn Williams)	1,070		
9 - 12	St. Croix Central High	758	2,258	1,742
	St. Croix Educational Complex High	1,500		
<b>St. Thomas / St. John</b>				
PreK - 3	Jane E. Tuitt PreK-3	132	4,479	3,738
	Joseph Sibilly PreK-3	132		
PreK - 8	Yvonne E. Milliner-Bowsky PreK-8	895		
	Lockhart Elementary (Functioning as Cancryn 4-8)	895		
	Ulla F. Muller PreK-8			
	*expansion not needed at 10% growth	1,070		
	Bertha C. Boschulte PreK-8	895		
	Julius E. Sprauve PreK-8	460		
9 - 12	Charlotte Amalie High School	1,350	2,118	1,705
	Ivanna Eudora Kean High School	768		
	Wheatley Skills Center			

# Enrollment and Capacity

## Capacity Study: Bertha C. Boschulte PreK-8

### Introduction to capacity studies at Bertha C. Boschulte PreK-8 and St. Croix Education Complex High School & CTECH:

The optimum capacity for the Bertha C. Boschulte PreK-8 School has been calculated based on learning suite layouts outlined in the Advancement Opportunities section of the Educational Facility Master Plan.

The existing layout of the school will support three K-5 learning suites and three 6-8 learning suites with a maximum capacity of four classes each.

	1 Section	2 Sections	3 Sections	4 Sections	5 Sections
Pre-K	17	17	17	17	17
<b>TOTALS</b>	<b>17</b>	<b>34</b>	<b>51</b>	<b>68</b>	<b>85</b>

K	25	25	25	25	25
First	30	30	30	30	30
Second	30	30	30	30	30
Third	30	30	30	30	30
Fourth	30	30	30	30	30
Fifth	30	30	30	30	30
<b>TOTALS</b>	<b>175</b>	<b>384</b>	<b>525</b>	<b>700</b>	<b>875</b>

Sixth	30	30	30	30	30
Seventh	27	27	27	27	27
Eighth	27	27	27	27	27
<b>TOTALS</b>	<b>84</b>	<b>168</b>	<b>252</b>	<b>336</b>	<b>420</b>

<b>TOTAL</b>	<b>895</b>				
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# St. Croix Education Complex High School & CTECH Capacity Study

	Number of Classrooms	Average Classroom Enrollment	Room Utilization Factor (%)	Classroom Capacity
<b>Capacity-Generating Spaces:</b>				
General Classrooms (Math, Language Arts, World Language, Social Studies)	23	27	85.0%	528
Science	9	27	85.0%	207
Computer Applications Labs	2	27	85.0%	46
Fine Arts				
Arts (Photo, Mech Drawg)	4	20	85.0%	68
Music (Band)	1	50	75.0%	38
Choir	1	35	75.0%	26
Classroom	1	27	75.0%	20
Drama/Dance	0	20	75.0%	0
Scene Shop/Construction Lab	0	30	50.0%	0
Food Lab & Textiles Lab	2	24	85.0%	41
ROTC	2	27	85.0%	46
Main Gymnasium 2x	1	30	75.0%	45
Multi-Purpose Room	2	20	75.0%	30
Weights / Fitness	1	20	50.0%	10
Health Sciences Classroom	2	27	75.0%	41
Classroom	1	20	75.0%	15
Self Contained Special Education	1	15	100.0%	15
Other:	0	0	0.0%	0
Other:	0	0	0.0%	0
<b>Non-Capacity Spaces:</b>				
Temporary / Portable Classrooms	0			
Wrestling	0			
Resource/ RSP/Tutoring	0	30	100.0%	0
Classrooms used with Textiles/Foods	1			
Stage	1			
Auditorium	1	90	50.0%	45
Media Center	1			
Classrooms with Media	2			
Other:	0			
<b>TOTAL</b>	<b>59</b>			<b>1220</b>

	Number of Classrooms	Average Classroom Enrollment	Room Utilization Factor (%)	Classroom Capacity
<b>Capacity-Generating Spaces:</b>				
Electronics	1	24	75.0%	18
Electronics Lab	1	24	75.0%	18
AC Lab	1	24	75.0%	18
CTEC	1	24	75.0%	18
CTEC Lab	1	24	75.0%	18
Upholstry	1	24	75.0%	18
Automobile Tech	1	24	75.0%	18
Autobody Repair Lab	1	24	75.0%	18
Auto Tech Lab	1	24	75.0%	18
Classroom (3)	1	24	75.0%	18
Construction Tech	1	24	75.0%	18
Carpentry Lab	1	24	75.0%	18
UTEC Academy Electronics Lab	1	24	75.0%	18
UTEC Academy Mechanical Lab	2	24	75.0%	36
Small Engines Lab	1	24	75.0%	18
Machines Shop/Welding Lab	1	24	75.0%	18
Food Management Lab	1	24	75.0%	18
Childcare Lab	1	24	75.0%	18
Cosmetology & Barbering Lab	1	24	75.0%	18
Business				
Accounting Classroom	1	27	75.0%	20
Business Education Classroom	1	27	75.0%	20
Marketing Education Classroom	1	27	75.0%	20
Adulescent Life Skills	1	15	75.0%	11
Computer Information Systems	1	27	75.0%	20
Keyboarding Lab	3	27	75.0%	61
Office Technology	1	27	75.0%	20
Occupational Clothing Lab	1	24	75.0%	18
Practical Nursing Lab	1	24	75.0%	18
Pinnacle Service LLC	1	24	75.0%	18
Classroom	1	24	75.0%	18
Architecture Drafting Lab	1	24	75.0%	18
<b>Non-Capacity Spaces:</b>				
Media Center	1			
Supporting Classrooms used with Lab	17	0	100.0%	0
Lab	1			
Other:	0			
Other:	0			
<b>TOTAL</b>	<b>51</b>			<b>587</b>