

BERNE-KNOX-WESTERLO CSD - STUDENT DIGITAL RESOURCES

Annually, school districts and charter schools are required to conduct a survey concerning student digital resources and Internet access in their homes. Required by Commissioner’s Regulation 155.17, the Student Digital Resources and Access data provides information about student access to devices and internet at their place of residence. It is imperative that districts, BOCES, charter schools, and the New York State Education Department maintain an updated, accurate, complete picture of the digital access status for each individual student. The data will help identify specific needs and target resources. The data should also be used at local level for instructional and programmatic decision-making.

Information is reported to the State Education Department through the Student Information Repository System (SIRS). The count of enrolled includes students enrolled at any time during the school year in that location. The following data points are collected by school districts by surveying students’ households.

SCHOOL PROVIDED DEVICE

Data are based on the number of responses to this question.

Indication of whether the school or district issued the student a dedicated school- or district-owned device for the student’s use during the school year.

1. DID THE SCHOOL DISTRICT ISSUE YOUR CHILD A DEDICATED SCHOOL OR DISTRICT-OWNED DEVICE FOR THEIR USE DURING THE SCHOOL YEAR?



Enrollment	Count of Completed Questions	Percent Completed
693	671	96.83% of Enrolled

Subgroup	Yes		No	
	#	%	#	%
All Students	483	71.98	188	28.02
Female	230	71.65	91	28.35
Male	253	72.29	97	27.71
Black	1	50	1	50
Hispanic	16	76.19	5	23.81
Asian or Native Hawaiian/Other Pacific Islander	0	0	2	100
White	457	72.42	174	27.58
Multiracial	9	60	6	40

Subgroup	Yes		No	
	#	%	#	%
General Education Students	398	71.07	162	28.93
Students with Disabilities	85	76.58	26	23.42
Not English Language Learner	483	71.98	188	28.02
Economically Disadvantaged	201	77.91	57	22.09
Not Economically Disadvantaged	282	68.28	131	31.72
Not Migrant	483	71.98	188	28.02
Homeless	1	100	0	0
Not Homeless	482	71.94	188	28.06
In Foster Care	1	50	1	50
Not in Foster Care	482	72.05	187	27.95
Parent Not in Armed Forces	483	71.98	188	28.02

PRIMARY DEVICE

Data are based on the number of responses to this question.

2. WHAT IS THE DEVICE YOUR CHILD USES MOST OFTEN TO COMPLETE LEARNING ACTIVITIES AWAY FROM SCHOOL? (THIS CAN BE A SCHOOL-PROVIDED DEVICE OR ANOTHER DEVICE, WHICHEVER THE STUDENT IS MOST OFTEN USING TO COMPLETE THEIR SCHOOLWORK.)



Enrollment	Count of Completed Questions	Percent Completed
693	668	96.39% of Enrolled

Subgroup	Chromebook		Desktop		Laptop		No Device		Smartphone		Tablet	
	#	%	#	%	#	%	#	%	#	%	#	%
All Students	466	69.76	15	2.25	77	11.53	81	12.13	10	1.5	19	2.84
Female	227	70.5	6	1.86	38	11.8	32	9.94	7	2.17	12	3.73
Male	239	69.08	9	2.6	39	11.27	49	14.16	3	.87	7	2.02
Black	0	0	0	0	1	50	1	50	0	0	0	0
Hispanic	17	80.95	0	0	3	14.29	1	4.76	0	0	0	0

Subgroup	Chromebook		Desktop		Laptop		No Device		Smartphone		Tablet	
	#	%	#	%	#	%	#	%	#	%	#	%
Asian or Native Hawaiian/Other Pacific Islander	1	33.33	0	0	1	33.33	1	33.33	0	0	0	0
White	437	69.7	15	2.39	69	11	77	12.28	10	1.59	19	3.03
Multiracial	11	73.33	0	0	3	20	1	6.67	0	0	0	0
General Education Students	387	69.11	12	2.14	67	11.96	70	12.5	10	1.79	14	2.5
Students with Disabilities	79	73.15	3	2.78	10	9.26	11	10.19	0	0	5	4.63
Not English Language Learner	466	69.76	15	2.25	77	11.53	81	12.13	10	1.5	19	2.84
Economically Disadvantaged	196	75.97	5	1.94	20	7.75	29	11.24	2	.78	6	2.33
Not Economically Disadvantaged	270	65.85	10	2.44	57	13.9	52	12.68	8	1.95	13	3.17
Not Migrant	466	69.76	15	2.25	77	11.53	81	12.13	10	1.5	19	2.84
Homeless	1	100	0	0	0	0	0	0	0	0	0	0
Not Homeless	465	69.72	15	2.25	77	11.54	81	12.14	10	1.5	19	2.85
In Foster Care	1	50	0	0	0	0	1	50	0	0	0	0
Not in Foster Care	465	69.82	15	2.25	77	11.56	80	12.01	10	1.5	19	2.85
Parent Not in Armed Forces	466	69.76	15	2.25	77	11.53	81	12.13	10	1.5	19	2.84

PRIMARY LEARNING DEVICE PROVIDER

Data are based on the number of responses to this question.

3. WHO IS THE PROVIDER OF THE PRIMARY LEARNING DEVICE IDENTIFIED IN QUESTION 2? (THIS CAN BE A SCHOOL-PROVIDED DEVICE OR ANOTHER DEVICE, WHICHEVER THE STUDENT IS MOST OFTEN USING TO COMPLETE THEIR SCHOOLWORK.)



Enrollment	Count of Completed Questions	Percent Completed
693		95.96% of Enrolled
	665	

Subgroup	No Device		Personal		School	
	#	%	#	%	#	%
All Students	86	12.93	152	22.86	427	64.21
Female	35	10.94	83	25.94	202	63.13

Subgroup	No Device		Personal		School	
	#	%	#	%	#	%
Male	51	14.78	69	20	225	65.22
Black	1	50	0	0	1	50
Hispanic	1	4.76	4	19.05	16	76.19
Asian or Native Hawaiian/Other Pacific Islander	1	33.33	2	66.67	0	0
White	82	13.14	140	22.44	402	64.42
Multiracial	1	6.67	6	40	8	53.33
General Education Students	72	12.95	133	23.92	351	63.13
Students with Disabilities	14	12.84	19	17.43	76	69.72
Not English Language Learner	86	12.93	152	22.86	427	64.21
Economically Disadvantaged	32	12.4	45	17.44	181	70.16
Not Economically Disadvantaged	54	13.27	107	26.29	246	60.44
Not Migrant	86	12.93	152	22.86	427	64.21
Homeless	0	0	1	100	0	0
Not Homeless	86	12.95	151	22.74	427	64.31
In Foster Care	1	50	1	50	0	0
Not in Foster Care	85	12.82	151	22.78	427	64.4
Parent Not in Armed Forces	86	12.93	152	22.86	427	64.21

PRIMARY LEARNING DEVICE ACCESS

Data are based on the number of responses to this question.

4. IS THE PRIMARY LEARNING DEVICE (IDENTIFIED IN QUESTION 2) SHARED WITH ANYONE ELSE IN THE HOUSEHOLD?



Enrollment	Count of Completed Questions	Percent Completed
693		52.24% of Enrolled
	362	

Subgroup	No Device		Not Shared		Shared	
	#	%	#	%	#	%
All Students	83	22.93	193	53.31	86	23.76
Female	33	18.97	95	54.6	46	26.44
Male	50	26.6	98	52.13	40	21.28
Black	1	50	1	50	0	0
Hispanic	1	16.67	1	16.67	4	66.67
Asian or Native Hawaiian/Other Pacific Islander	1	33.33	1	33.33	1	33.33
White	79	23.17	185	54.25	77	22.58
Multiracial	1	10	5	50	4	40
General Education Students	72	23.15	164	52.73	75	24.12
Students with Disabilities	11	21.57	29	56.86	11	21.57
Not English Language Learner	83	22.93	193	53.31	86	23.76
Economically Disadvantaged	30	28.85	47	45.19	27	25.96
Not Economically Disadvantaged	53	20.54	146	56.59	59	22.87
Not Migrant	83	22.93	193	53.31	86	23.76
Homeless	0	0	1	100	0	0
Not Homeless	83	22.99	192	53.19	86	23.82
In Foster Care	1	50	0	0	1	50
Not in Foster Care	82	22.78	193	53.61	85	23.61
Parent Not in Armed Forces	83	22.93	193	53.31	86	23.76

PRIMARY LEARNING DEVICE SUFFICIENCY

Data are based on the number of responses to this question.

5. IS THE PRIMARY LEARNING DEVICE (IDENTIFIED IN QUESTION 2) SUFFICIENT FOR YOUR CHILD TO FULLY PARTICIPATE IN ALL LEARNING ACTIVITIES AWAY FROM SCHOOL?



Enrollment	Count of Completed Questions	Percent Completed
693		52.24% of Enrolled
	362	

Subgroup	Not Sufficient		Sufficient	
	#	%	#	%
All Students	114	31.49	248	68.51
Female	47	26.86	128	73.14
Male	67	35.83	120	64.17
Black	1	50	1	50
Hispanic	2	33.33	4	66.67
Asian or Native Hawaiian/Other Pacific Islander	1	33.33	2	66.67
White	109	31.96	232	68.04
Multiracial	1	10	9	90
General Education Students	100	32.15	211	67.85
Students with Disabilities	14	27.45	37	72.55
Not English Language Learner	114	31.49	248	68.51
Economically Disadvantaged	40	38.83	63	61.17
Not Economically Disadvantaged	74	28.57	185	71.43
Not Migrant	114	31.49	248	68.51
Homeless	0	0	1	100
Not Homeless	114	31.58	247	68.42
In Foster Care	1	50	1	50
Not in Foster Care	113	31.39	247	68.61
Parent Not in Armed Forces	114	31.49	248	68.51

INTERNET ACCESS IN RESIDENCE

Data are based on the number of responses to this question.

6. IS YOUR CHILD ABLE TO ACCESS THE INTERNET IN THEIR PRIMARY PLACE OF RESIDENCE?



Enrollment	Count of Completed Questions	Percent Completed
693		52.09% of Enrolled
	361	

Subgroup	No		Yes	
	#	%	#	%
All Students	10	2.77	351	97.23
Female	4	2.3	170	97.7
Male	6	3.21	181	96.79
Black	1	50	1	50
Hispanic	0	0	6	100
Asian or Native Hawaiian/Other Pacific Islander	0	0	3	100
White	9	2.65	331	97.35
Multiracial	0	0	10	100
General Education Students	7	2.26	303	97.74
Students with Disabilities	3	5.88	48	94.12
Not English Language Learner	10	2.77	351	97.23
Economically Disadvantaged	5	4.85	98	95.15
Not Economically Disadvantaged	5	1.94	253	98.06
Not Migrant	10	2.77	351	97.23
Homeless	0	0	1	100
Not Homeless	10	2.78	350	97.22
In Foster Care	0	0	2	100
Not in Foster Care	10	2.79	349	97.21
Parent Not in Armed Forces	10	2.77	351	97.23

INTERNET ACCESS TYPE

Data are based on the number of responses to this question.

7. WHAT IS THE PRIMARY TYPE OF INTERNET SERVICE USED IN YOUR CHILD'S PRIMARY PLACE OF RESIDENCE?



Enrollment	Count of Completed Questions	Percent Completed
693	364	52.53% of Enrolled

Subgroup	Cellular		Community Wi-Fi		Dial-up		DSL		Mobile Hotspot		None		Other		Broadband		Satellite	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
All Students	19	5.22	8	2.2	0	0	0	0	20	5.49	10	2.75	41	11.26	234	64.29	32	8.79
Female	9	5.14	2	1.14	0	0	0	0	12	6.86	4	2.29	23	13.14	109	62.29	16	9.14
Male	10	5.29	6	3.17	0	0	0	0	8	4.23	6	3.17	18	9.52	125	66.14	16	8.47
Black	0	0	0	0	0	0	0	0	0	0	1	50	0	0	1	50	0	0
Hispanic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	83.33	1	16.67
Asian or Native Hawaiian/Other Pacific Islander	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	100	0	0
White	19	5.52	8	2.33	0	0	0	0	20	5.81	9	2.62	39	11.34	219	63.66	30	8.72
Multiracial	0	0	0	0	0	0	0	0	0	0	0	0	2	22.22	6	66.67	1	11.11
General Education Students	19	6.11	7	2.25	0	0	0	0	17	5.47	7	2.25	31	9.97	200	64.31	30	9.65
Students with Disabilities	0	0	1	1.89	0	0	0	0	3	5.66	3	5.66	10	18.87	34	64.15	2	3.77
Not English Language Learner	19	5.22	8	2.2	0	0	0	0	20	5.49	10	2.75	41	11.26	234	64.29	32	8.79
Economically Disadvantaged	7	6.6	4	3.77	0	0	0	0	7	6.6	5	4.72	11	10.38	67	63.21	5	4.72
Not Economically Disadvantaged	12	4.65	4	1.55	0	0	0	0	13	5.04	5	1.94	30	11.63	167	64.73	27	10.47
Not Migrant	19	5.22	8	2.2	0	0	0	0	20	5.49	10	2.75	41	11.26	234	64.29	32	8.79
Homeless	1	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Not Homeless	18	4.96	8	2.2	0	0	0	0	20	5.51	10	2.75	41	11.29	234	64.46	32	8.82
In Foster Care	0	0	1	50	0	0	0	0	0	0	0	0	0	0	1	50	0	0
Not in Foster Care	19	5.25	7	1.93	0	0	0	0	20	5.52	10	2.76	41	11.33	233	64.36	32	8.84
Parent Not in Armed Forces	19	5.22	8	2.2	0	0	0	0	20	5.49	10	2.75	41	11.26	234	64.29	32	8.79

INTERNET PERFORMANCE CODE

Data are based on the number of responses to this question.

8. IN THEIR PRIMARY RESIDENCE, CAN YOUR CHILD COMPLETE THE FULL RANGE OF LEARNING ACTIVITIES, INCLUDING VIDEO STREAMING AND ASSIGNMENT UPLOAD, WITHOUT INTERRUPTIONS CAUSED BY SLOW OR POOR INTERNET PERFORMANCE?



Enrollment	Count of Completed Questions	Percent Completed
693		51.66% of Enrolled
	358	

Subgroup	No		Yes	
	#	%	#	%
All Students	67	18.72	291	81.28
Female	33	18.86	142	81.14
Male	34	18.58	149	81.42
Black	1	50	1	50
Hispanic	0	0	6	100
Asian or Native Hawaiian/Other Pacific Islander	0	0	3	100
White	66	19.53	272	80.47
Multiracial	0	0	9	100
General Education Students	58	18.71	252	81.29
Students with Disabilities	9	18.75	39	81.25
Not English Language Learner	67	18.72	291	81.28
Economically Disadvantaged	22	21.78	79	78.22
Not Economically Disadvantaged	45	17.51	212	82.49
Not Migrant	67	18.72	291	81.28
Homeless	0	0	1	100
Not Homeless	67	18.77	290	81.23
In Foster Care	1	50	1	50
Not in Foster Care	66	18.54	290	81.46
Parent Not in Armed Forces	67	18.72	291	81.28

INTERNET ACCESS BARRIER

Data are based on the number of responses to this question.

9. WHAT, IF ANY, IS THE PRIMARY BARRIER TO HAVING SUFFICIENT AND RELIABLE INTERNET ACCESS IN YOUR CHILD'S PRIMARY PLACE OF RESIDENCE?



Enrollment	Count of Completed Questions	Percent Completed
693	368	53.1% of Enrolled

Subgroup	Availability		Cost		None		Other	
	#	%	#	%	#	%	#	%
All Students	34	9.24	17	4.62	306	83.15	11	2.99
Female	16	9.04	7	3.95	149	84.18	5	2.82
Male	18	9.42	10	5.24	157	82.2	6	3.14
Black	0	0	0	0	2	100	0	0
Hispanic	0	0	0	0	6	100	0	0
Asian or Native Hawaiian/Other Pacific Islander	0	0	0	0	3	100	0	0
White	34	9.8	17	4.9	285	82.13	11	3.17
Multiracial	0	0	0	0	10	100	0	0
General Education Students	31	9.84	11	3.49	263	83.49	10	3.17
Students with Disabilities	3	5.66	6	11.32	43	81.13	1	1.89
Not English Language Learner	34	9.24	17	4.62	306	83.15	11	2.99
Economically Disadvantaged	6	5.66	8	7.55	87	82.08	5	4.72
Not Economically Disadvantaged	28	10.69	9	3.44	219	83.59	6	2.29
Not Migrant	34	9.24	17	4.62	306	83.15	11	2.99
Homeless	0	0	0	0	1	100	0	0
Not Homeless	34	9.26	17	4.63	305	83.11	11	3
In Foster Care	0	0	0	0	1	50	1	50
Not in Foster Care	34	9.29	17	4.64	305	83.33	10	2.73
Parent Not in Armed Forces	34	9.24	17	4.62	306	83.15	11	2.99

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