Conexus®

FOR CHILDREN'S VISION

VIRGINIA

VISION PROGRAM SUMMARY

2022-2023

June 30, 2023

The VA Code § 22.1-273 mandates school based vision screenings for students in K, 2nd or 3rd, 7th and 10th grades and all new students. This mandate affects roughly 370,000 students statewide annually.

In 2018, the Virginia General Assembly passed a budget amendment appropriating funds to VDOE to support technology based, comprehensive children's vision screening programs in schools and/or divisions with 40% or more of the student population eligible for free or reduced lunch. Conexus is the private, non-profit 501 c 3 organization that has worked to provide programming through this appropriation. The annual budget appropriation of $391,000 provides for program delivery for up to 55,857 (15%) of K-12 students affected by the mandate each year. The 2022 General Assembly approved an increase of $350,000 to support services to an additional 50,000 students for the 2022/2023 school year. To date this program has allowed for the vision screenings of close to 300,000 Virginia students, finding nearly 100,000 in need of follow-up vision care.

The following report summarizes Conexus' program activity for the 2022/2023 school year. The vision screening program, VisioCheck, was delivered in 49 Virginia school divisions, delivering 81,097 screenings, finding 29,374 (36.22%) students in need of a follow-up eye exam. The mobile vision delivered services in five Central Virginia school divisions and provided 5,798 eye exams to students in those divisions who failed their Conexus vision screening.
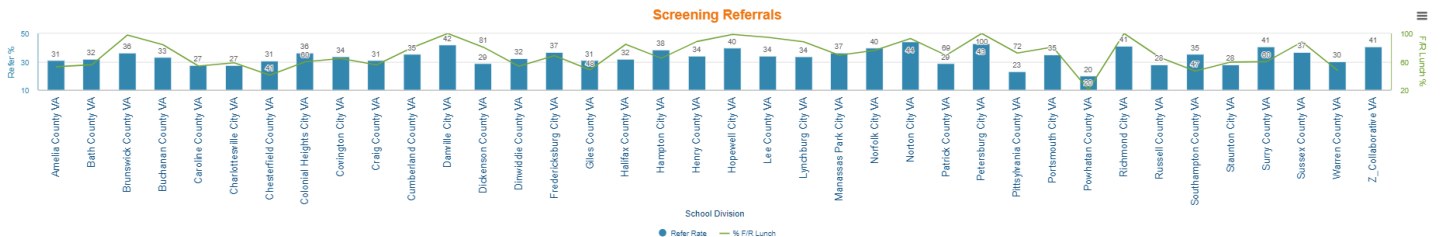
Conexus 2022/2023 Service Region

■ VisioCheck Screenings K-12 and/or Head Start
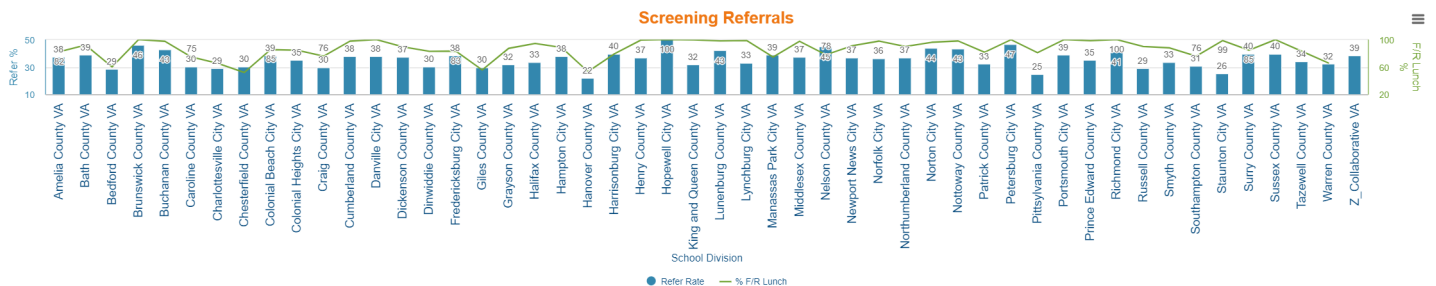
■ VisioCheck Screenings & Mobile Vision Clinic Program

■ VisioCheck Screenings Head Start Only
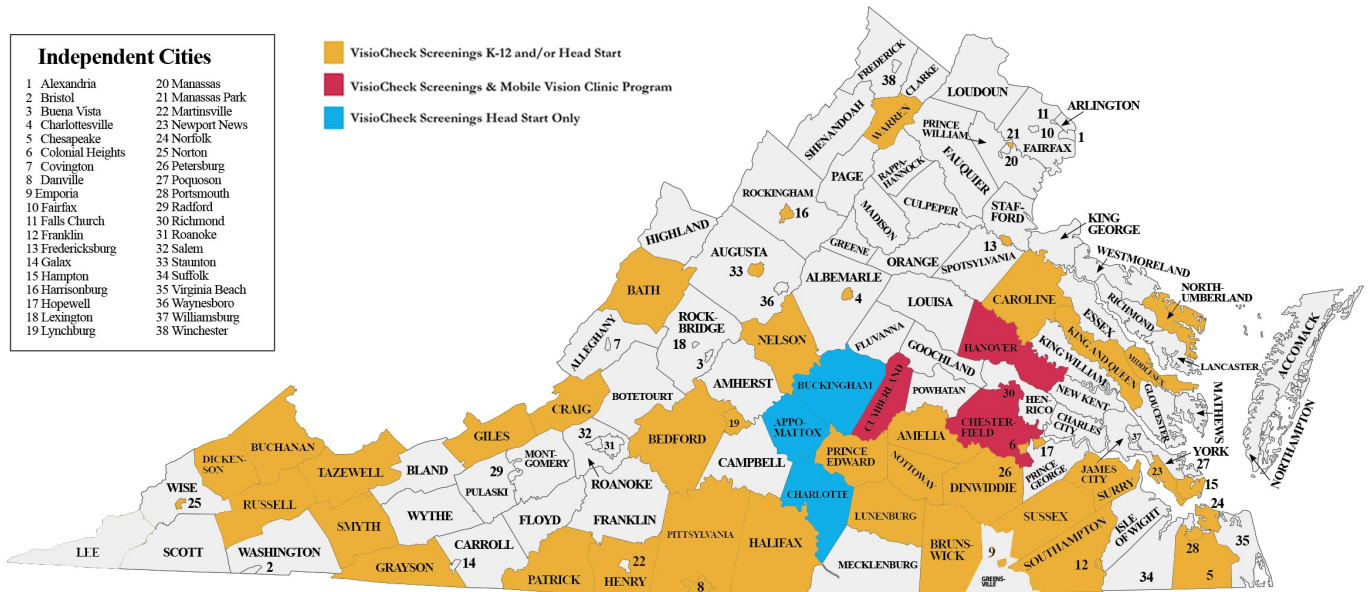
Uncorrected poor vision trends closely with poverty

## 2021-2022 School Year: Virginia School Divisions Receiving VisioCheck Screening

2022-2023 School Year: Virginia School Divisions Receiving VisioCheck Screening

VISION SCREENING

RESULTS

BY SCHOOL DIVISION

**Division Totals
2022-2023**

School Division	Total # Students Screened	Total # Students Failed Screening (Referred)	% of Students Referred
Amelia County VA	479	164	34.24%
Bath County VA	133	50	37.59%
Bedford County VA	2,388	773	32.37%
Brunswick County VA	439	206	46.92%
Buchanan County VA	577	214	37.09%
Caroline County VA	1,449	440	30.37%
Charlottesville City VA	1,338	413	30.87%
Chesterfield County VA	18,117	5,898	32.56%
Colonial Beach City VA	140	49	35.00%
Colonial Heights City VA	864	314	36.34%
Craig County VA	130	43	33.08%
Cumberland County VA	362	126	34.81%
Danville City VA	1,586	638	40.23%
Dickenson County VA	536	206	38.43%
Dinwiddie County VA	1,183	391	33.05%
Fredericksburg City VA	838	313	37.35%
Giles County VA	653	175	26.80%
Grayson County VA	529	173	32.70%
Halifax County VA	1,383	503	36.37%
Hampton City VA	4,880	1,964	40.25%
Harrisonburg City VA	1,056	386	36.55%
Henry County VA	1,503	615	40.92%
Hopewell City VA	955	388	40.63%
King and Queen County VA	185	67	36.22%
Lunenburg County VA	375	156	41.60%
Lynchburg City VA	1,980	693	35.00%
Manassas Park City VA	930	365	39.25%
Middlesex County VA	383	117	30.55%
Nelson County VA	166	71	42.77%
Newport News City VA	7,316	2,841	38.83%
Norfolk City VA	8,010	3,002	37.48%
Northumberland County VA	327	115	35.17%
Norton City VA	224	83	37.05%
Nottoway County VA	464	202	43.53%
Patrick County VA	697	233	33.43%
Petersburg City VA	1,421	613	43.14%
Pittsylvania County VA	448	104	23.21%
Portsmouth City VA	2,877	1,184	41.15%
Prince Edward County VA	465	153	32.90%
Richmond City VA	7,468	3,072	41.14%
Russell County VA	835	253	30.30%
Smyth County VA	1,027	351	34.18%
Southampton County VA	636	228	35.85%
Staunton City VA	573	150	26.18%
Surry County VA	190	69	36.32%
Sussex County VA	239	89	37.24%
Tazewell County VA	1,531	527	34.42%
Warren County VA	1,375	462	33.60%
TOTAL	**81,660**	**29,642**	**36.30%**

2022-2023 Vision Screening Results
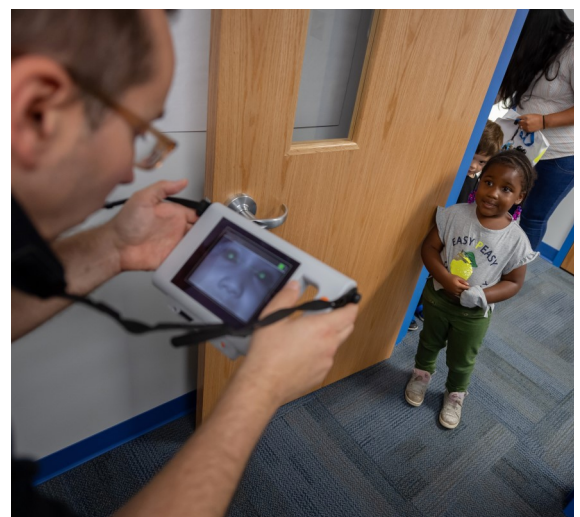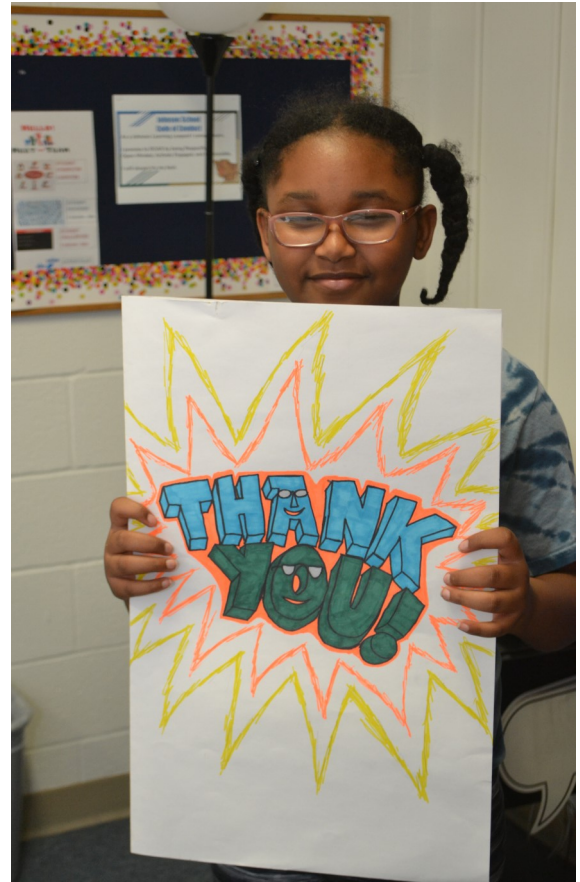
The following report contains the screening outcomes for each individual school division served by the Conexus VisioCheck, technology based children's vision screening program for the 2022-2023 school year. The breakdown of information is to allow individual divisions to see how uncorrected vision may be impacting their students, classrooms and schools.

Elementary schools traditionally conduct their vision screenings by classrooms. Conexus began sorting vision screening data by classrooms to explore the possiblity that when students are grouped by their learning ability or progress, one variable that may be impacting learning is uncorrected poor vision. The charts for each school provide a breakdown of the number of children screened in each school, the number of referrals in that school, *where applicable* the number of classrooms screened in that school and then the breakdown of classrooms by the percentage of the number of students in the classroom failing their vision screening.

The national average for children's vision problems is 25%. Schools with rates of vision problems higher than 30% are highlighted in orange. Classrooms are broken down into three categories -- **Average** 0-29.9%, **High** 30-39.9%, **Excessive** 40% or greater. When 40% or more of students in a classroom are not seeing as well as they should it impacts the entire class and teacher, not just those students with uncorrected poor vision.

This report opens with the statewide cumulative chart below. This chart shows Conexus screened 81,097 students and found 29,374 (36.22%) with a potential vision problem. This number is well above the national 25% average and is higher than in previous years (possibly as a result of the increased screen time resulting from COVID school closures and virtual learning in the 2020-2021 school year). There were 2,539 individual classrooms screened and 663 (26.11%) of those classrooms had 40% or more of the students fail their vision screening.

Statewide averages
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
48 Virginia School Divisions	22.23									
Total		81,660	29,642		2,532	968	272	633	385	274
Average Refer Rate				36.30%					26.03%	

Amelia County Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Amelia County Elementary	8/25/2022	237	55	23.20%	9	5	0	4	0	0
Amelia County High*	8/25/2022	123	66	53.70%	0	0	0	0	0	0
Amelia County Middle*	8/25/2022	119	43	36.10%	0	0	0	0	0	0
Total		479	164		9	5	0	4	0	0
Average Refer Rate				34.24%					0.00%	

The national average for vision problems in school aged children is 25%.

Classrooms, schools, or divisions reporting 25% or less of their students with potential vision problems fall within the national average. Almost all school divisions will contain segments of their population with higher than average vision problems.

Classrooms where **40% or more** of the students require follow up vision services are considered **excessively high**; this concentration of students with potential vision problems affects the classroom and/or school as a whole. The number of classrooms in each school in the division where 40% or more of the students require follow-up vision services are highlighted in orange.

Schools where more than 30% of the students require follow-up vision services are also highlighted in orange.

* some schools, especially secondary schools, do not record or manage their screening results by classroom.

Bath County Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Bath County High*	9/29/2022	35	20	57.10%	0	0	0	0	0	0
Millboro Elementary	9/29/2022	45	12	26.70%	3	1	1	1	0	0
Valley Elementary	9/29/2022	53	18	34.00%	4	2	0	1	0	1
Total		133	50		7	3	1	2	0	1
Average Refer Rate				37.59%					14.29%	

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Bedford County Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Bedford Elementary	10/6/2022	97	22	22.68%	5	2	2	1	0	0
Bedford Primary	10/7/2022	43	12	27.91%	3	2	0	0	1	0
Big Island Elementary	10/6/2022	55	9	16.36%	3	3	0	0	0	0
Boonsboro Elementary*	9/22/2022	80	15	18.75%	0	0	0	0	0	0
Forest Elementary	9/29/2022	76	12	15.79%	3	2	0	1	0	0
Forest Middle*	10/4/2022	267	87	32.58%	0	0	0	0	0	0
Goodview Elementary*	10/7/2022	155	43	27.74%	0	0	0	0	0	0
Huddleston Elementary	9/22/2022	74	19	25.68%	4	3	0	1	0	0
Jefferson Forest High*	9/21/2022	297	122	41.08%	0	0	0	0	0	0
Liberty High*	10/19/2022	187	81	43.32%	0	0	0	0	0	0
Liberty Middle*	10/12/2022	193	68	35.23%	0	0	0	0	0	0
Moneta Elementary	9/20/2022	46	12	26.09%	1	0	0	1	0	0
Montvale Elementary	9/15/2022	46	9	19.57%	2	1	1	0	0	0
New London Academy	9/29/2022	100	21	21.00%	5	4	0	1	0	0
Otter River Elementary*	10/6/2022	47	7	14.89%	0	0	0	0	0	0
Staunton River High*	9/27/2022	273	96	35.16%	0	0	0	0	0	0
Staunton River Middle*	12/1/2022	218	98	44.95%	0	0	0	0	0	0
Stewartsville Elementary*	10/7/2022	103	23	22.33%	0	0	0	0	0	0
Thomas Jefferson Elementary*	12/5/2022	31	17	54.84%	0	0	0	0	0	0
Total		2,388	773		26	17	3	5	1	0
Average Refer Rate				32.37%					3.85%	

The national average for vision problems in school aged children is 25%.

Classrooms, schools, or divisions reporting 25% or less of their students with potential vision problems fall within the national average. Almost all school divisions will contain segments of their population with higher than average vision problems.

Classrooms where **40% or more** of the students require follow up vision services are considered **excessively high**; this concentration of students with potential vision problems affects the classroom and/or school as a whole. The number of classrooms in each school in the division where 40% or more of the students require follow-up vision services are highlighted in orange.

Schools where more than 30% of the students require follow-up vision services are also highlighted in orange.

some schools, especially secondary schools, do not record or manage their screening results by classroom.

Brunswick County Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Brunswick High*	9/7/2022	95	52	54.70%	0	0	0	0	0	0
James S. Russell Middle*	9/6/2022	83	44	53.00%	0	0	0	0	0	0
Meherrin Powellton Elementary	9/6/2022	74	32	43.20%	4	1	0	1	1	1
Red Oak-Sturgeon Elementary	9/7/2022	66	22	33.30%	4	1	1	1	1	0
Totaro Elementary	9/6/2022	121	56	46.30%	6	0	0	4	1	1
Total		439	206		14	2	1	6	3	2
Average Refer Rate				46.92%					35.71%	

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Buchanan County Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Council Elementary/Middle School	9/2/2022	49	15	30.60%	4	1	0	2	0	1
Council High*	9/2/2022	11	4	36.40%	0	0	0	0	0	0
Gundy High*	9/2/2022	67	38	56.70%	0	0	0	0	0	0
Hurley Elementary/Middle	8/31/2022	114	37	32.50%	8	5	0	1	0	2
Hurley High*	8/31/2022	32	20	62.50%	0	0	0	0	0	0
Riverview Elementary/Middle	8/30/2022	190	54	28.40%	11	6	1	0	2	2
Twin Valley Elementary/Middle	9/1/2022	84	27	32.10%	6	3	1	0	0	2
Twin Valley High*	9/1/2022	30	19	63.30%	0	0	0	0	0	0
Total		577	214		29	15	2	3	2	7
Average Refer Rate				37.09%					31.03%	

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						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Bowling Green Elementary	10/12/2022	311	97	31.20%	13	6	2	2	2	1
Caroline High*	10/5/2022	287	120	41.80%	0	0	0	0	0	0
Caroline Middle*	9/21/2022	301	92	30.60%	0	0	0	0	0	0
Lewis and Clark Elementary	9/28/2022	351	89	25.40%	13	6	4	2	1	0
Madison Elementary	9/14/2022	199	42	21.10%	8	6	1	1	0	0
Total		1,449	440		34	18	7	5	3	1
Average Refer Rate				30.37%					11.76%	

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						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Buford Middle*	11/17/2022	273	103	37.73%	0	0	0	0	0	0
Burnley-Moran Elementary	10/24/2022	112	21	18.75%	6	5	0	1	0	0
Charlottesville High*	1/9/2023	230	91	39.57%	0	0	0	0	0	0
Clark Elementary	11/4/2022	106	28	26.42%	6	3	2	1	0	0
Greenbrier Elementary	10/24/2022	168	45	26.79%	6	3	1	1	1	0
Jackson-Via Elementary	11/4/2022	138	42	30.43%	6	2	1	1	1	1
Johnson Elementary	10/21/2022	149	37	24.83%	7	5	0	2	0	0
Venable Elementary	10/24/2022	117	31	26.50%	5	4	0	1	0	0
Walker Upper Elementary*	10/21/2022	45	15	33.33%	0	0	0	0	0	0
Total		1,338	413		36	22	4	7	2	1
Average Refer Rate				30.87%					8.33%	

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Chesterfield County Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
A.M. Davis Elementary	12/13/2022	210	50	23.81%	11	7	1	2	1	0
Alberta Smith Elementary	9/12/2022	197	35	17.77%	10	8	2	0	0	0
Bailey Bridge Middle*	11/29/2022	451	162	35.92%	0	0	0	0	0	0
Bellwood Elementary	8/11/2022	149	42	28.19%	8	6	0	0	2	0
Bensley Elementary	1/5/2023	353	111	31.44%	12	4	0	2	2	4
Bettie Weaver Elementary	12/1/2022	191	15	7.85%	9	8	1	0	0	0
Beulah Elementary	10/20/2022	316	99	31.33%	15	5	5	4	1	0
Bon Air Elementary	1/25/2023	174	38	21.84%	9	6	1	2	0	0
C. C. Wells Elementary	10/27/2022	174	50	28.74%	10	5	1	3	1	0
C. E. Curtis Elementary	1/10/2023	234	59	25.21%	10	4	3	3	0	0
Carver Career and College Academy*	2/24/2023	48	27	56.25%	0	0	0	0	0	0
Carver Middle*	9/29/2022	303	101	33.33%	0	0	0	0	0	0
Chesterfield Virtual School*	11/7/2022	165	76	46.06%	0	0	0	0	0	0
Clover Hill Elementary	9/22/2022	299	56	18.73%	13	11	1	1	0	0
Clover Hill High*	2/14/2023	397	198	49.87%	0	0	0	0	0	0
Cosby High*	12/7/2022	580	221	38.10%	0	0	0	0	0	0
Crestwood Elementary	11/15/2022	185	57	30.81%	11	3	3	2	3	0
Ecoff Elementary	9/20/2022	229	56	24.45%	12	5	5	1	1	0
Elizabeth Davis Middle*	10/17/2022	422	154	36.49%	0	0	0	0	0	0
Elizabeth Scott Elementary	12/5/2022	254	74	29.13%	13	5	2	5	1	0
Enon Elementary	11/2/2022	234	54	23.08%	12	7	0	4	1	0
Ettrick Elementary	10/12/2022	177	67	37.85%	10	1	1	4	4	0
Evergreen Elementary	1/31/2023	259	54	20.85%	12	8	1	3	0	0
Falling Creek Elementary	8/15/2022	256	86	33.59%	13	4	1	6	1	1
Falling Creek Middle	3/12/2023									
Grange Hall Elementary	2/1/2023	230	33	14.35%	11	10	1	0	0	0
Greenfield Elementary	9/20/2022	112	32	28.57%	7	4	0	1	2	0
Harrowgate Elementary	9/6/2022	134	40	29.85%	8	3	2	1	2	0
Hopkins Road Elementary	1/18/2023	220	76	34.55%	12	4	2	1	5	0
J.A. Chalkley Elementary	10/31/2022	284	104	36.62%	13	5	3	1	1	3
J.B. Watkins Elementary	11/2/2022	236	36	15.25%	12	10	2	0	0	0
J.G. Hening Elementary	12/1/2022	264	69	26.14%	15	7	1	5	2	0
Jacobs Road Elementary	1/26/2023	237	69	29.11%	11	5	0	5	1	0
James River High*	2/27/2023	371	174	46.90%						
L. C. Bird High*	1/10/2023	447	209	46.76%	0	0	0	0	0	0
Manchester High*	1/11/2023	545	244	44.77%	0	0	0	0	0	0
Manchester Middle*	1/5/2023	342	150	43.86%	0	0	0	0	0	0
Marguerite F. Christian Elementary	2/2/2023	152	46	30.26%	11	5	1	3	1	1
Matoaca Elementary	9/14/2022	205	64	31.22%	9	3	1	3	2	0
Matoaca High*	2/14/2023	350	133	38.00%	0	0	0	0	0	0
Matoaca Middle*	10/12/2022	263	119	45.25%	0	0	0	0	0	0
Meadowbrook High*	1/18/2023	391	190	48.59%	0	0	0	0	0	0

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Midlothian High*	2/22/2023	444	163	36.71%	0	0	0	0	0	0
Midlothian Middle*	2/27/2023	435	147	33.79%	0	0	0	0	0	0
Monacan High*	2/22/2023	353	151	42.78%	0	0	0	0	0	0
Moseley Elementary	1/30/2023	280	52	18.57%	14	11	0	3	0	0
O.B. Gates Elementary	9/26/2022	177	42	23.73%	9	4	1	4	0	0
Old Hundred Elementary	2/8/2023	323	45	13.93%	16	15	1	0	0	0
Providence Elementary	9/27/2022	207	49	23.67%	11	7	1	2	1	0
Providence Middle*	11/10/2022	307	129	42.02%	0	0	0	0	0	0
Reams Road Elementary	10/3/2022	164	42	25.61%	9	4	1	2	2	0
Robious Elementary	9/30/2022	194	27	13.92%	10	8	0	2	0	0
Robious Middle*	10/3/2022	366	105	28.69%	0	0	0	0	0	0
Salem Church Elementary	11/1/2022	141	39	27.66%	8	2	3	3	0	0
Salem Church Middle*	1/4/2023	301	110	36.54%	0	0	0	0	0	0
Spring Run Elementary	12/2/2022	257	46	17.90%	12	10	0	2	0	0
Swift Creek Elementary	11/15/2022	222	32	14.41%	11	11	0	0	0	0
Swift Creek Middle*	11/15/2022	327	102	31.19%	0	0	0	0	0	0
Thelma Crenshaw Elementary	11/10/2022	201	47	23.38%	10	6	0	4	0	0
Thomas Dale High*	1/17/2023	584	259	44.35%	0	0	0	0	0	0
Tomahawk Creek Middle*	2/9/2023	513	183	35.67%	0	0	0	0	0	0
W.W. Gordon Elementary	11/10/2022	174	16	9.20%	8	8	0	0	0	0
Winterpock Elementary	11/3/2022	215	27	12.56%	11	10	0	1	0	0
Woolridge Elementary	10/11/2022	223	41	18.40%	12	11	1	0	0	0
Total		18,117	5,898		440	259	50	84	38	9
Average Refer Rate				32.56%					10.68%	

The national average for vision problems in school aged children is 25%.

Classrooms, schools, or divisions reporting 25% or less of their students with potential vision problems fall within the national average. Almost all school divisions will contain segments of their population with higher than average vision problems.

Classrooms where **40% or more** of the students require follow up vision services are considered **excessively high**; this concentration of students with potential vision problems affects the classroom and/or school as a whole. The number of classrooms in each school in the division where 40% or more of the students require follow-up vision services are highlighted in orange.

Schools where more than 30% of the students require follow-up vision services are also highlighted in orange.

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Colonial Beach Elementary	8/30/2022	109	35	32.10%	6	2	0	2	0	2
Colonial Beach High*	8/30/2022	31	14	45.20%	0	0	0	0	0	0
Total		140	49		6	2	0	2	0	2
Average Refer Rate				35.00%					33.33%	

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some schools, especially secondary schools, do not record or manage their screening results by classroom.

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Colonial Heights High*	10/21/2022	170	79	46.47%	0	0	0	0	0	0
Colonial Heights Middle	10/18/2022	243	108	44.44%	11	0	1	2	4	4
Lakeview Elementary	10/6/2022	139	43	30.94%	7	2	0	4	1	0
North Elementary Col Hgts	10/6/2022	96	25	26.04%	6	3	1	1	1	0
Tussing Elementary	10/11/2022	216	59	27.31%	10	4	0	6	0	0
Total		864	314		34	9	2	13	6	4
Average Refer Rate				35.90%					29.41%	

The national average for vision problems in school aged children is 25%.

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School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Craig County High*	8/26/2022	80	35	43.80%	0	0	0	0	0	0
McCleary Elementary	8/26/2022	50	8	16.00%	5	4	0	0	1	0
Total		**130**	**43**		**5**	**4**	**0**	**0**	**1**	**0**
Average Refer Rate				**33.08%**					**20.00%**	

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Cumberland County Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Cumberland Elementary	8/17/2022	186	46	24.70%	10	5	2	2	1	0
Cumberland High*	8/22/2022	96	50	52.10%	0	0	0	0	0	0
Cumberland Middle*	8/22/2022	80	30	37.50%	0	0	0	0	0	0
Total		**362**	**126**		**10**	**5**	**2**	**2**	**1**	**0**
Average Refer Rate				**34.81%**					**10.00%**	

The national average for vision problems in school aged children is 25%.

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Classrooms where **40% or more** of the students require follow up vision services are considered **excessively high**; this concentration of students with potential vision problems affects the classroom and/or school as a whole. The number of classrooms in each school in the division where 40% or more of the students require follow-up vision services are highlighted in orange.

Schools where more than 30% of the students require follow-up vision services are also highlighted in orange.

some schools, especially secondary schools, do not record or manage their screening results by classroom.

Conexus
FOR CHILDREN'S VISION

| School Name | Screening Date | Total Students Screened | Total Students Referred | Refer Rate | Total Classrooms Screened | Number of classrooms within each referral range | | | | |
| | | | | | | Average | | High | Excessive | |
						0-25%	26-29%	30-39%	40-49%	50% +
E. A Gibson Elementary	2/13/2023	148	56	37.84%	8	1	0	3	3	1
Forest Hills Elementary	2/13/2023	52	14	26.92%	4	2	0	2	0	0
G. L. H. Johnson Elementary	2/16/2023	169	53	31.36%	10	3	0	6	1	0
Galileo Magnet High*	2/13/2023	62	21	33.87%	0	0	0	0	0	0
George Washington High*	11/14/2022	227	95	41.85%	0	0	0	0	0	0
Grove Park Preschool	12/8/2022	103	45	43.69%	5	0	0	2	1	2
Langston Focus School*	2/13/2023	5	1	20.00%	0	0	0	0	0	0
O. Trent Bonner Middle*	2/15/2023	178	91	51.12%	0	0	0	0	0	0
Park Avenue Elementary	2/14/2023	105	44	41.90%	7	1	0	1	3	2
Schoolfield Elementary	2/14/2023	153	52	33.99%	8	3	0	3	1	1
The Northside PreSchool	12/8/2022	130	55	42.31%	8	1	0	2	4	1
Westwood Middle*	2/15/2023	138	64	46.38%	0	0	0	0	0	0
Woodberry Hills Elementary	2/16/2023	116	47	40.52%	7	0	1	2	3	1
Total		1,586	638		57	11	1	21	16	8
Average Refer Rate				40.23%					42.11%	

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some schools, especially secondary schools, do not record or manage their screening results by classroom.

Dickenson County Public Schools
2022-2023 Vision Screening Results

| School Name | Screening Date | Total Students Screened | Total Students Referred | Refer Rate | Total Classrooms Screened | Number of classrooms within each referral range | | | | |
| | | | | | | Average | | High | Excessive | |
						0-25%	26-29%	30-39%	40-49%	50% +
Clintwood Elementary	9/27/2022	134	28	20.90%	6	5	0	1	0	0
Ervinton Elementary	9/27/2022	45	12	26.70%	3	2	0	0	0	1
Ridgeview High School*	9/28/2022	139	78	56.10%	0	0	0	0	0	0
Ridgeview Middle School*	9/30/2022	102	55	53.90%	0	0	0	0	0	0
Sandlick Elementary	9/27/2022	116	33	28.40%	6	2	2	0	2	0
Total		536	206		15	9	2	1	2	1
Average Refer Rate				38.43%						20.00%

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some schools, especially secondary schools, do not record or manage their screening results by classroom.

Dinwiddie County Public Schools
2022-2023 Vision Screening Results

| School Name | Screening Date | Total Students Screened | Total Students Referred | Refer Rate | Total Classrooms Screened | Number of classrooms within each referral range | | | | |
| | | | | | | Average | | High | Excessive | |
						0-25%	26-29%	30-39%	40-49%	50% +
Dinwiddie Elementary	10/28/2022	86	28	32.56%	7	2	0	3	0	2
Dinwiddie Middle*	10/31/2022	262	106	40.46%	0	0	0	0	0	0
Dinwiddie Senior High*	11/9/2022	283	124	43.82%	0	0	0	0	0	0
Midway Elementary	10/28/2022	122	26	21.31%	6	4	0	1	1	0
Southside Elementary Dinwiddie	11/1/2022	154	45	29.22%	8	3	0	4	1	0
Sunnyside Elementary	10/28/2022	86	19	22.09%	5	4	0	1	0	0
Sutherland Elementary	11/1/2022	190	43	22.63%	8	7	0	0	0	1
Total		1,183	391		34	20	0	9	2	3
				33.05%						14.71%

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some schools, especially secondary schools, do not record or manage their screening results by classroom.

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Hugh Mercer Elementary	9/7/2022	233	75	32.19%	14	6	2	2	1	3
James Monroe High*	9/9/2022	187	93	49.73%	0	0	0	0	0	0
Lafayette Upper Elementary	9/6/2022	240	69	28.75%	13	5	2	4	2	0
Walker Grant Middle*	9/8/2022	178	76	42.70%	0	0	0	0	0	0
Total		838	313		27	11	4	6	3	3
Average Refer Rate				37.35%					22.22%	

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School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Eastern Combined	9/21/2022	143	40	27.97%	9	6	0	1	0	2
Giles High	9/20/2022	83	27	32.53%	7	1	0	4	1	1
Macy McClaugherty Combined	9/20/2022	178	35	19.66%	10	7	0	2	1	0
Narrows Elementary/Middle	9/20/2022	197	50	25.38%	9	5	1	3	0	0
Narrows High	9/21/2022	52	23	44.23%	4	1	0	0	0	3
Total		653	175		39	20	1	10	2	6
Average Refer Rate				26.80%					20.51%	

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Grayson County Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Fairview Elementary	9/13/2022	50	19	38.00%	3	1	0	1	0	1
Fries Elementary	9/14/2022	106	26	24.53%	6	3	0	2	0	1
Grayson County High*	9/13/2022	127	64	50.39%	0	0	0	0	0	0
Grayson Highlands	9/13/2022	70	18	25.71%	3	2	0	0	0	1
Independence Elementary	9/14/2022	92	16	17.39%	6	3	1	2	0	0
Independence Middle	9/14/2022	84	30	35.71%	4	2	0	0	2	0
Total		529	173		22	11	1	5	2	3
Average Refer Rate					32.70%				22.73%	

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Halifax County Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Clays Mill Elementary	9/14/2022	97	24	24.74%	4	2	1	0	1	0
Cluster Springs Elementary	9/13/2022	199	55	27.64%	8	4	1	1	1	1
Halifax County High	9/12/2022	258	147	56.98%						
Halifax County Middle	9/16/2022	244	84	34.43%	16	5	3	1	5	2
Meadville Elementary	9/14/2022	53	17	32.08%	3	0	1	0	2	0
Scottsburg Elementary	9/14/2022	75	19	25.33%	3	1	1	1	0	0
Sinai Elementary	9/13/2022	74	25	33.78%	5	1	0	2	1	1
South Boston Elementary	9/15/2022	210	76	36.19%	12	2	1	4	4	1
South Boston/Halifax Early Learning Center	9/15/2022	93	36	38.71%	5	1	0	2	2	0
Sydnor Jennings Elementary	9/14/2022	80	20	25.00%	4	0	3	1	0	0
Total		1,383	503		60	16	11	12	16	5
				36.37%					35.00%	

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Hampton City Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
A.W.E. Bassette Elementary	11/4/2022	122	45	36.89%	7	1	2	2	0	2
Aberdeen Elementary	10/19/2022	120	37	30.83%	8	4	2	0	1	1
Albert W. Patrick III Elementary	11/9/2022	96	36	37.50%	6	0	2	1	3	0
Alfred S. Forrest Elementary	10/26/2022	145	35	24.14%	8	4	1	2	0	1
Ann H. Kilgore Gifted Center	11/11/2022	253	77	30.43%	15	4	1	6	4	0
Armstrong Elementary	10/14/2022	83	13	15.66%	4	3	0	1	0	0
Barron Elementary	11/9/2022	106	26	24.53%	6	4	0	1	1	0
Benjamin Syms Middle	11/17/2022	169	81	47.93%	11	2	0	2	2	5
Bethel High*	11/28/2022	318	165	51.89%	0	0	0	0	0	0
C. Alton Lindsay Middle	11/18/2022	159	72	45.28%	10	1	0	1	5	3
Captain John Smith Elementary	11/11/2022	92	30	32.61%	6	1	0	4	0	
Christopher C. Kraft Elementary	10/26/2022	131	48	36.64%	8	1	0	3	3	1
Francis Asbury Elementary	10/28/2022	126	42	33.33%	7	1	1	3	1	1
Francis W. Jones Magnet Middle	11/17/2022	182	94	51.65%	10	0	0	1	2	7
George P. Phenix Elementary	10/6/2022	403	143	35.48%	20	5	3	5	3	4
Hampton High*	2/15/2023	239	125	52.30%	0	0	0	0	0	0
Hunter B. Andrews	10/14/2022	264	116	43.94%	17	1	2	2	7	5
Jane H. Bryan Elementary	10/5/2022	95	38	40.00%	7	0	0	4	2	1
Kecoughtan High*	2/22/2023	273	129	47.25%	0	0	0	0	0	0
Luther W. Machen Elementary	10/24/2022	98	41	41.84%	7	0	0	2	4	1
Mary S. Peake Elementary	10/19/2022	114	42	36.84%	7	2	1	1	1	2
Mary T. Christian Elementary	11/4/2022	82	25	30.49%	6	3	1	1	1	0
Mary W. Jackson Fundamental School	10/26/2022	71	25	35.21%	4	0	1	2	1	0
Moton Early Childhood Center	10/5/2022	201	67	33.33%	12	4	0	4	1	3
Paul Burbank Elementary	10/24/2022	119	43	36.13%	6	1	1	2	1	1
Phillips Elementary	11/9/2022	131	41	31.30%	7	3	1	1	1	1
Phoebus High*	2/13/2023	276	153	55.43%	0	0	0	0	0	0
Samuel P. Langley Elementary	10/28/2022	111	39	35.14%	6	1	2	0	2	1
Tarrant Middle School*	11/21/2022	172	99	57.56%	0	0	0	0	0	0
William Mason Cooper Elementary	10/24/2022	129	37	28.68%	6	4	1	0	1	0
Total		4,880	1,964		211	50	22	51	47	41
Average Refer Rate				40.25%					41.71%	

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School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Bluestone Elementary*	10/7/2022	31	11	35.48%	0	0	0	0	0	0
Harrisonburg High*	9/30/2022	111	61	54.95%	0	0	0	0	0	0
Keister Elementary*	10/3/2022	119	22	18.49%	0	0	0	0	0	0
Skyline Middle*	9/29/2022	202	86	42.57%	0	0	0	0	0	0
Smithland Elementary	9/27/2022	272	80	29.41%	9	3	0	2	4	0
Spotswood Elementary*	10/4/2022	47	21	44.68%	0	0	0	0	0	0
Stone Spring Elementary*	10/7/2022	44	23	52.27%	0	0	0	0	0	0
Thomas Harrison Middle*	10/3/2022	67	32	47.76%	0	0	0	0	0	0
Waterman Elementary*	10/4/2022	163	50	30.67%	0	0	0	0	0	0
Total		1,056	386		9	3	0	2	4	0
Average Refer Rate				36.55%					44.44%	

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School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Axton Elementary	10/24/2022	89	18	20.22%	6	4	2	0	0	0
Bassett High*	10/27/2022	228	111	48.68%	0	0	0	0	0	0
Campbell Court Elementary	10/7/2022	71	24	33.80%	4	2	0	0	1	1
Fieldale-Collinsville Middle*	9/23/2022	276	111	40.22%	0	0	0	0	0	0
Laurel Park Middle8	9/23/2022	193	92	47.67%	0	0	0	0	0	0
Magna Vista High*	10/25/2022	234	122	52.14%	0	0	0	0	0	0
Meadow View Elementary	9/16/2022	196	77	39.29%	10	1	0	4	3	2
Mount Olivet Elementary	9/23/2022	72	23	31.94%	5	2	0	2	0	1
Sanville Elementary	10/7/2022	77	15	19.48%	5	4	1	0	0	0
Stanleytown Elementary	9/16/2022	67	22	32.84%	4	0	1	3	0	0
Total		1,503	615		34	13	4	9	4	4
Average Refer Rate				40.92%		23.53%				

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						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Carter G. Woodson Middle*	8/16/2022	211	97	45.97%	0	0	0	0	0	0
Dupont Elementary*	8/24/2022	183	50	27.32%	0	0	0	0	0	0
Harry E. James Elementary	8/25/2022	123	60	48.78%	10	1	0	2	0	7
Hopewell High*	8/30/2022	240	114	47.50%	0	0	0	0	0	0
Patrick Copeland Elementary	8/26/2022	198	67	33.84%	12	4	2	2	3	1
Total		955	388		22	5	2	4	3	8
Average Refer Rate				40.63%		50.00%				

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						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Central High KQ*	9/19/2022	91	46	50.55%	0	0	0	0	0	0
King & Queen Elementary	9/19/2022	56	11	19.64%	3	3	0	0	0	0
Lawson-Marriott Elementary	9/19/2022	38	10	26.32%	3	2	0	1	0	0
Total		185	67		6	5	0	1	0	0
Average Refer Rate				36.22%						

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						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Central High*	9/13/2022	84	43	51.19%	0	0	0	0	0	0
Kenbridge Elementary	9/13/2022	116	44	37.93%	6	0	1	4	1	0
Lunenburg Middle*	9/15/2022	73	35	47.95%	0	0	0	0	0	0
Victoria Elementary	9/15/2022	102	34	33.33%	6	1	1	3	1	0
Total		375	156		12	1	2	7	2	0
Average Refer Rate				41.60%					16.67%	

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CONEXUS
FOR CHILDREN'S VISION

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Bedford Hills Elementary	10/31/2022	119	30	25.21%	8	4	1	2	1	0
Dearington Elementary/Innovation	10/26/2022	50	13	26.00%	4	2	1	1	0	0
E.C. Glass High*	11/2/2022	234	109	46.58%	0	0	0	0	0	0
Heritage Elementary	10/20/2022	140	41	29.29%	8	4	0	2	0	2
Heritage High*	11/15/2022	217	120	55.30%	0	0	0	0	0	0
Linkhorne Elementary	10/25/2022	117	37	31.62%	8	2	3	2	0	1
Linkhorne Middle*	10/18/2022	196	54	27.55%	0	0	0	0	0	0
Paul Laurence Dunbar Middle for Innovation*	11/3/2022	119	44	36.97%	0	0	0	0	0	0
Paul Munro Elementary	10/31/2022	87	18	20.69%	6	3	2	1	0	0
Perrymont Elementary	10/26/2022	92	28	30.43%	6	3	1	1	1	0
Robert S. Payne Elementary	11/3/2022	113	39	34.51%	7	2	1	1	1	2
Sandusky Elementary*	11/1/2022	103	37	35.92%	0	0	0	0	0	0
Sandusky Middle*	11/1/2022	137	42	30.66%	0	0	0	0	0	0
Sheffield Elementary*	10/20/2022	142	45	31.69%	0	0	0	0	0	0
T.C. Miller Elementary for Innovation	10/26/2022	65	22	33.85%	4	0	1	3	0	0
William M. Bass Elementary	10/25/2022	49	14	28.57%	2	1	0	0	1	0
Total		**1,980**	**693**		**53**	**21**	**10**	**13**	**4**	**5**
Average Refer Rate				**35.00%**					**16.98%**	

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| School Name | Screening Date | Total Students Screened | Total Students Referred | Refer Rate | Total Classrooms Screened | Number of classrooms within each referral range | | | | |
| | | | | | | Average | | High | Excessive | |
						0-25%	26-29%	30-39%	40-49%	50% +
Cougar Elementary	11/1/2022	297	116	39.06%	11	3	0	3	1	4
Manassas Park Elementary	11/2/2022	189	62	32.80%	9	2	0	5	1	1
Manassas Park High*	11/21/2022	280	120	42.86%	0	0	0	0	0	0
Manassas Park Middle*	12/2/2022	164	67	40.85%	0	0	0	0	0	0
Total		930	365		20	5	0	8	2	5
Average Refer Rate				39.25%					35.00%	

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| | | | | | | Average | | High | Excessive | |
						0-25%	26-29%	30-39%	40-49%	50% +
Middlesex Elementary	9/26/2022	223	44	19.73%	10	6	3	1	0	0
Middlesex High*	9/26/2022	78	46	58.97%	0	0	0	0	0	0
St. Clare Walker Middle	9/26/2022	82	27	32.93%	4	1	1	1	1	0
Total		383	117		14	7	4	2	1	0
Average Refer Rate				30.55%					7.14%	

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						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Nelson County High*	1/17/2023	66	37	56.10%	0	0	0	0	0	0
Nelson Middle*	1/17/2023	100	34	34.00%	0	0	0	0	0	0
Total		166	71		0					
Average Refer Rate				42.77%						

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						0-25%	26-29%	30-39%	40-49%	50% +
Achievable Dream Academy	9/23/2022	172	66	38.37%	11	2	1	4	2	2
Achievable Dream Middle/High*	9/26/2022	147	75	51.02%	0	0	0	0	0	0
B.C. Charles Elementary	10/6/2022	116	31	26.72%	6	2	1	2	1	0
B.T. Washington Middle	11/9/2022	128	55	42.97%	6	0	1	1	2	2
Carver Elementary NN	11/10/2022	204	75	36.76%	9	1	2	3	2	1
Crittenden Middle*	10/28/2022	221	106	47.96%	0	0	0	0	0	0
David A. Dutrow Elementary	10/11/2022	114	37	32.46%	6	2	2	0	0	2
Deer Park Elementary	11/1/2022	130	37	28.46%	6	2	1	3	0	0
Denbigh Early Childhood Center	10/28/2022	335	126	37.61%	19	4	2	3	6	4
Denbigh High*	10/20/2022	298	164	55.03%	0	0	0	0	0	0
Discovery STEM Academy	9/15/2022	157	57	36.31%	8	2	1	1	3	1
Ella J. Fitzgerald Middle	10/10/2022	280	119	42.50%	13	2	0	2	7	2
Enterprise Academy*	9/15/2022	11	7	63.64%	0	0	0	0	0	0
Ethel M. Gildersleeve Middle*	11/10/2022	278	112	40.29%	0	0	0	0	0	0
General Stanford Elementary	11/22/2022	139	32	23.02%	6	3	3	0	0	0
George J. McIntosh Elementary	12/1/2022	163	62	38.04%	6	2	0	3	0	1
Heritage High NN*	11/28/2022	162	89	54.94%	0	0	0	0	0	0
Hidenwood Elementary	11/15/2022	153	49	32.03%	8	2	1	3	2	0
Hilton Elementary	9/27/2022	94	21	22.34%	5	3	1	1	0	0
Homer L. Hines Middle	11/4/2022	214	85	39.72%	12	2	1	2	3	4
Huntington Middle*	10/27/2022	103	40	38.83%	0	0	0	0	0	0
John Marshall Early Childhood Center	11/9/2022	197	72	36.55%	11	1	3	2	4	1

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						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Joseph H. Saunders Elementary	9/15/2022	201	58	28.86%	11	5	0	4	2	0
Katherine Johnson Elementary	10/27/2022	172	63	36.63%	9	1	0	6	1	1
Kiln Creek Elementary	11/3/2022	149	52	34.90%	9	3	0	4	1	1
Knollwood Meadows Elementary	10/25/2022	162	48	29.63%	6	2	3	0	1	0
L.F. Palmer Elementary	10/13/2022	113	44	38.94%	6	1	1	2	0	2
Mary Passage Middle*	10/6/2022	262	119	45.42%	0	0	0	0	0	0
Menchville High*	12/5/2022	349	176	50.43%	0	0	0	0	0	0
Newsome Park Elementary	9/19/2022	88	40	45.45%	5	0	1	0	3	1
Oliver C. Greenwood Elementary	9/29/2022	161	52	32.30%	8	2	0	5	1	0
Point Option Alternative School*	9/15/2022	1	0	0.00%	0	0	0	0	0	0
Richard T. Yates Elementary	10/4/2022	142	35	24.65%	6	5	1	0	0	0
Richneck Elementary	9/22/2022	159	40	25.16%	8	5	1	1	0	1
Riverside Elementary NN	10/20/2022	147	53	36.05%	7	3	0	2	1	1
Sedgefield Elementary	10/18/2022	124	39	31.45%	7	2	1	2	2	0
Stoney Run Elementary	11/29/2022	135	54	40.00%	7	0	1	3	3	0
T. Ryland Sanford Elementary	11/17/2022	157	54	34.39%	7	3	0	3	1	0
Warwick High NN*	11/16/2022	250	123	49.20%	0	0	0	0	0	0
Watkins Early Childhood Center*	11/3/2022	256	86	33.59%	0	0	0	0	0	0
Willis A. Jenkins Elementary	9/20/2022	138	45	32.61%	7	2	1	2	2	0
Woodside High*	11/21/2022	334	143	42.81%	0	0	0	0	0	0
Total		7,316	2,841		235	64	30	64	50	27
Average Refer Rate				38.83%					32.77%	

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Norfolk City Public Schools
2022-2023 Vision Screening Results

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						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Academy for Discovery at Lakewood	10/26/2022	224	74	33.04%	12	1	2	7	2	0
Academy of International Studies at Rosemont*	10/21/2022	68	31	45.59%	0	0	0	0	0	0
Azalea Gardens Middle*	11/21/2022	191	89	46.60%	0	0	0	0	0	0
Bay View Elementary	10/31/2022	195	50	25.64%	8	4	1	1	1	1
Berkley/Campostella Early Childhood Education Center	1/11/2023	164	76	46.34%	11	0	0	2	6	3
Blair Middle	1/31/2023	303	137	45.21%	16	1	2	2	3	8
Booker T Washington High*	1/11/2023	189	111	58.73%	0	0	0	0	0	0
Camp Allen Elementary	11/1/2022	168	47	27.98%	7	3	1	1	1	1
Chesterfield Academy Elementary	11/7/2022	124	43	34.68%	6	2	0	2	1	1
Coleman Place Elementary	11/15/2022	235	89	37.87%	9	2	1	1	3	2
Crossroads School	11/16/2022	270	90	33.33%	11	4	0	3	4	0
Easton Preschool	10/18/2022	81	32	39.51%	4	0	1	2	1	0
Ghent K-8	11/2/2022	134	32	23.88%	9	4	1	2	1	1
Granby Elementary	11/17/2022	175	54	30.86%	7	2	2	3	0	0
Granby High*	12/8/2022	305	148	48.52%	0	0	0	0	0	0
Ingleside Elementary	10/18/2022	226	66	29.20%	6	3	1	1	1	0
Jacox Elementary	10/20/2022	215	88	40.93%	9	3	0	1	3	2
James Monroe Elementary	11/30/2022	127	43	33.86%	5	1	0	1	1	2
Lake Taylor High*	12/5/2022	184	111	60.33%	0	0	0	0	0	0
Lake Taylor School	11/7/2022	177	70	39.55%	11	3	1	2	2	3
Larchmont Elementary	10/26/2022	199	42	21.11%	6	4	2	0	0	0
Larrymore Elementary	11/3/2022	189	68	35.98%	8	1	2	4	0	1
Lindenwood Elementary	11/17/2022	88	33	37.50%	5	0	1	1	3	0
Little Creek Elementary	11/3/2022	209	73	34.93%	9	3	0	3	1	2
Madison Alternative School*	11/16/2022	5	1	20.00%	0	0	0	0	0	0
Mary Calcott Elementary School	11/7/2022	142	26	18.31%	6	5	0	0	0	1
Matthew Fontaine Maury High*	1/4/2023	349	195	55.87%	0	0	0	0	0	0
Northside Middle	11/30/2022	215	84	39.07%	7	1	0	3	3	0
Norview Elementary	11/15/2022	129	41	31.78%	6	3	1	1	0	1
Norview High*	12/12/2022	259	108	41.70%	0	0	0	0	0	0
Norview Middle*	11/29/2022	249	124	49.80%	0	0	0	0	0	0
Ocean View Elementary	10/17/2022	139	42	30.22%	8	3	0	3	2	0
Oceanair Elementary	10/25/2022	141	54	38.30%	7	1	1	1	2	2
P.B. Young Sr. Elementary	11/10/2022	101	32	31.68%	4	1	1	1	0	1
Richard Bowling Elementary	10/21/2022	181	63	34.81%	7	2	1	1	2	1
SECEP Center at former Richard Bowling ES*	10/21/2022	2	1	50.00%	0	0	0	0	0	0
Sewells Point Elementary	11/1/2022	201	56	27.86%	7	2	0	4	1	0
Sherwood Forest Elementary	11/18/2022	164	48	29.27%	7	0	2	4	1	0
Southside STEM Academy at Campostella	11/14/2022	210	96	45.71%	14	0	1	5	3	5
St. Helena Elementary	11/10/2022	94	37	39.36%	4	0	0	1	2	1
Suburban Park Elementary	10/27/2022	152	57	37.50%	7	2	1	0	3	1
Tanners Creek Elementary	11/18/2022	166	42	25.30%	7	4	1	2	0	0

Norfolk City Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Average 0-25%	Average 26-29%	High 30-39%	Excessive 40-49%	Excessive 50% +
Tarrallton Elementary	10/31/2022	127	29	22.83%	6	2	3	0	1	0
Tidewater Park Elementary	11/10/2022	43	22	51.16%	3	0	0	0	2	1
Walter Herron Taylor Elementary	11/2/2022	96	18	18.75%	5	3	1	1	0	0
Willard Model Elementary	10/27/2022	152	41	26.97%	8	3	3	1	1	0
William H. Ruffner Middle*	11/30/2022	127	49	38.58%	0	0	0	0	0	0
Willoughby Early Childhood Center	10/17/2022	126	39	30.95%	8	3	0	3	1	1
Total		**8,010**	**3,002**		**280**	**76**	**34**	**70**	**58**	**42**
Average Refer Rate				**37.48%**					**35.71%**	

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Northumberland County Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Average 0-25%	Average 26-29%	High 30-39%	Excessive 40-49%	Excessive 50% +
Northumberland Elementary	9/16/2022	162	49	30.25%	10	2	3	4	1	0
Northumberland High	9/16/2022	81	38	46.91%						
Northumberland Middle	9/16/2022	84	28	33.33%	6	2	0	1	2	1
Total		**327**	**115**		**16**	**4**	**3**	**5**	**3**	**1**
Average Refer Rate				**35.17%**					**25.00%**	

The national average for vision problems in school aged children is 25%.

Classrooms, schools, or divisions reporting 25% or less of their students with potential vision problems fall within the national average. Almost all school divisions will contain segments of their population with higher than average vision problems.

Classrooms where **40% or more** of the students require follow up vision services are considered **excessively high**; this concentration of students with potential vision problems affects the classroom and/or school as a whole. The number of classrooms in each school in the division where 40% or more of the students require follow-up vision services are highlighted in orange.

Schools where more than 30% of the students require follow-up vision services are also highlighted in orange.

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Norton City Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		**High**	**Excessive**	
						0-25%	26-29%	30-39%	40-49%	50% +
J.I Burton High*	9/29/2022	61	36	59.02%	0	0	0	0	0	0
Norton Elementary	9/29/2022	163	47	28.83%	10	2	0	8	0	0
Total		224	83		10	2	0	8	0	0
Average Refer Rate				37.05%					0.00%	

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Nottoway County Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		**High**	**Excessive**	
						0-25%	26-29%	30-39%	40-49%	50% +
Blackstone Primary	10/4/2022	106	39	36.79%	8	1	0	4	2	1
Crewe Primary	10/4/2022	114	46	40.35%	6	0	0	4	2	0
Nottoway High*	10/5/2022	136	64	47.06%	0	0	0	0	0	0
Nottoway Middle*	10/5/2022	108	53	49.07%	0	0	0	0	0	0
Total		464	202		14	1	0	8	4	1
Average Refer Rate				43.53%					35.71%	

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Schools where more than 30% of the students require follow-up vision services are also highlighted in orange.

some schools, especially secondary schools, do not record or manage their screening results by classroom.

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Blue Ridge Elementary	9/8/2022	89	26	29.21%	6	2	0	1	3	0
Hardin Reynolds Elementary	9/9/2022	59	26	44.07%	3	0	0	0	2	1
Meadows of Dan Elementary	9/8/2022	35	10	28.57%	3	1	1	0	0	1
Patrick County High*	9/8/2022	169	84	49.70%	0	0	0	0	0	0
Patrick Springs Primary	9/7/2022	125	29	23.20%	5	5	0	0	0	0
Stuart Elementary	9/9/2022	149	39	26.17%	7	3	1	3	0	0
Woolwine Elementary*	9/7/2022	71	19	26.76%	0	0	0	0	0	0
Total		697	233		24	11	2	4	5	2
Average Refer Rate				33.43%					29.17%	

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Schools where more than 30% of the students require follow-up vision services are also highlighted in orange.

some schools, especially secondary schools, do not record or manage their screening results by classroom.

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Cool Spring Elementary School	10/3/2022	168	67	39.88%	10	0	1	5	2	2
Lakemont Elementary	10/7/2022	133	59	44.36%	8	0	0	2	5	1
Petersburg High*	10/13/2022	246	142	57.72%	0	0	0	0	0	0
Pittman Academy*	3/9/2023	4	3	75.00%	0	0	0	0	0	0
Pleasants Lane Elementary	10/17/2022	191	73	38.22%	10	0	2	3	5	0
Vernon Johns Middle*	10/14/2022	258	122	47.29%	0	0	0	0	0	0
Walnut Hill Elementary	10/21/2022	146	60	41.10%	10	1	2	2	2	3
Westview Early Childhood Education Center	11/7/2022	275	87	31.64%	19	8	1	5	3	2
Total		1,421	613		57	9	6	17	17	8
Average Refer Rate				43.14%					43.86%	

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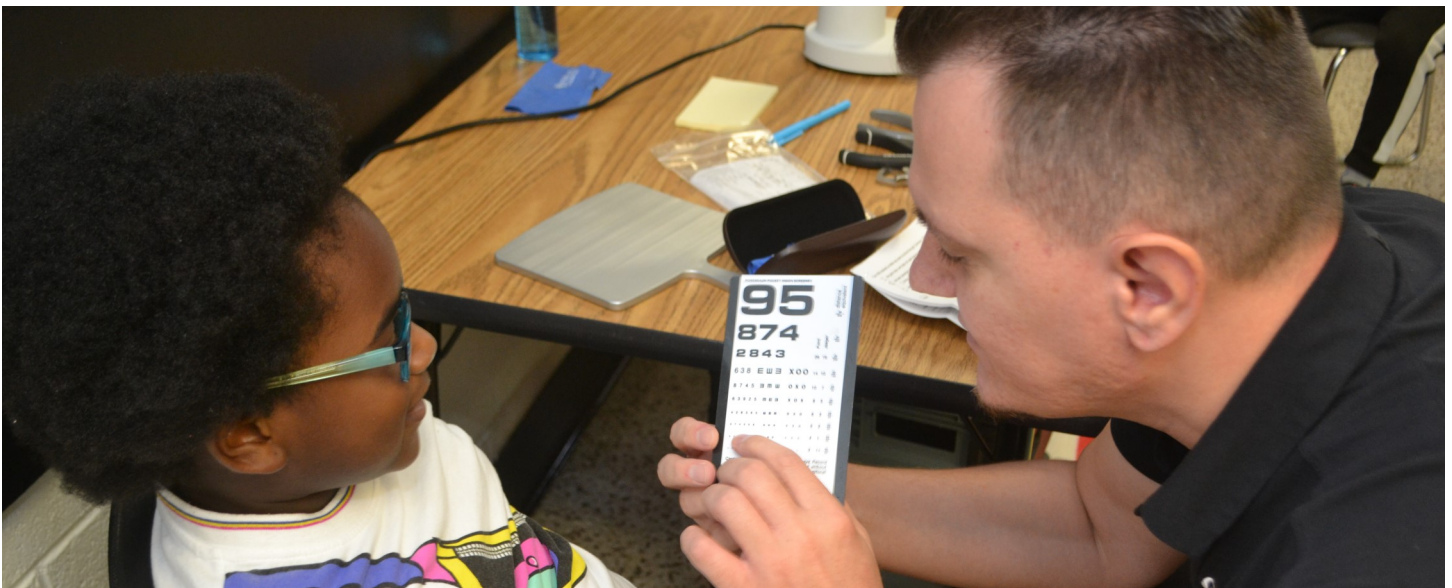*some schools, especially secondary schools, do not record or manage their screening results by classroom.*

Pittsylvania County Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Brosville Elementary	9/14/2022	32	10	31.25%	2	0	1	1	0	0
Chatham Elementary	9/28/2022	36	6	16.67%	2	2	0	0	0	0
Gretna Elementary	9/28/2022	78	17	21.79%	5	2	2	1	0	0
John L. Hurt Elementary	9/28/2022	36	10	27.78%	2	1	0	1	0	0
Kentuck Elementary	9/21/2022	63	14	22.22%	4	2	0	2	0	0
Mount Airy Elementary	9/28/2022	17	7	41.18%	1	0	0	0	1	0
Southside Elementary	9/21/2022	48	12	25.00%	4	2	1	1	0	0
Stony Mill Elementary	9/14/2022	41	9	21.95%	3	3	0	0	0	0
Twin Springs Elementary	9/14/2022	69	14	20.29%	5	4	0	1	0	0
Union Hall Elementary	9/21/2022	28	5	17.86%	2	2	0	0	0	0
Total		448	104		30	18	4	7	1	0
Average Refer Rate				23.21%					3.33%	

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Portsmouth City Public Schools
2022-2023 Vision Screening Results

| School Name | Screening Date | Total Students Screened | Total Students Referred | Refer Rate | Total Classrooms Screened | Number of classrooms within each referral range | | | | |
| | | | | | | Average | | High | Excessive | |
						0-25%	26-29%	30-39%	40-49%	50% +
Brighton Elementary*	1/20/2023	92	50	54.35%	0	0	0	0	0	0
Churchland Academy Elementary	11/18/2022	115	55	47.83%	6	0	0	2	1	3
Churchland Elementary	12/14/2022	186	61	32.80%	10	2	2	4	0	2
Churchland High*	2/17/2023	234	100	42.74%	0	0	0	0	0	0
Churchland Middle*	12/12/2022	351	148	42.17%	0	0	0	0	0	0
Churchland Primary & Intermediate	11/18/2022	131	46	35.11%	8	1	2	2	2	1
Cradock Elementary	12/14/2022	164	60	36.59%	9	2	1	2	1	3
Cradock Middle	1/24/2023	202	81	40.10%	11	2	1	1	4	3
Douglass Park Elementary	1/6/2023	156	50	32.05%	7	3	1	2	1	0
Hodges Manor Elementary*	1/20/2023	116	44	37.93%	0	0	0	0	0	0
I.C. Norcom High*	1/6/2023	165	78	47.27%	0	0	0	0	0	0
Lakeview Elementary PCPS	12/7/2022	101	48	47.52%	6	0	0	2	3	1
Manor High School*	2/8/2023	132	64	48.48%	0	0	0	0	0	0
New Directions Center*	1/24/2023	2	0	0.00%	0	0	0	0	0	0
Park View Elementary	1/6/2023	118	46	38.98%	7	0	0	3	4	0
Victory Elementary	12/7/2022	162	59	36.42%	8	4	0	2	0	2
Waterview Elementary	12/14/2022	153	59	38.56%	7	0	0	5	1	1
Westhaven Elementary	12/14/2022	113	40	35.40%	6	1	1	1	3	0
William E. Waters Middle*	12/13/2022	184	95	51.63%	0	0	0	0	0	0
Total		2,877	1,184		85	15	8	26	20	16
Average Refer Rate				41.15%				42.35%		

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Prince Edward County Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Prince Edward County High*	10/20/2022	99	44	**44.44%**	0	0	0	0	0	0
Prince Edward Elementary	10/19/2022	249	71	**28.51%**	17	6	5	2		0
Prince Edward Middle*	10/20/2022	117	38	**32.48%**	0	0	0	0	0	0
Total		**465**	**153**		**17**	**6**	**5**	**2**	**4**	**0**
Average Refer Rate				**32.90%**					**23.53%**	

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Richmond City Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Albert Hill Middle*	1/4/2023	313	116	**37.06%**	0	0	0	0	0	0
Amelia Street Special Education*	1/20/2023	3	3	**100.00%**	0	0	0	0	0	0
Armstrong High*	2/15/2023	186	101	**54.30%**	0	0	0	0	0	0
Barack Obama Elementary	1/30/2023	109	38	**34.86%**	6	0	1	4	**1**	0
Bellevue Elementary RPS	1/23/2023	63	27	**42.86%**	4	0	0	3	0	**1**
Binford Middle*	12/6/2022	272	128	**47.06%**	0	0	0	0	0	0
Blackwell Elementary	1/12/2023	127	31	24.41%	7	3	2	2	0	0
Broad Rock Elementary	11/14/2022	217	94	**43.32%**	13	0	1	4	**3**	**5**
Cardinal Elementary	11/28/2022	231	78	**33.77%**	14	4	1	5	**2**	**2**
Chimborazo Elementary RPS	1/31/2023	164	46	28.05%	7	3	1	0	**3**	0
Elizabeth D. Redd Elementary	1/9/2023	136	59	**43.38%**	8	0	1	1	**2**	**4**
Fairfield Court Elementary	1/31/2023	117	58	**49.57%**	5	0	0	2	**1**	**2**
Franklin Military Academy*	2/3/2023	126	51	**40.48%**	0	0	0	0	0	0
G.H. Reid Elementary	12/14/2022	260	101	**38.85%**	12	1	2	5	**3**	**1**
George W. Carver Elementary	2/6/2023	154	69	**44.81%**	7	0	1	1	**2**	**3**
George Wythe High*	2/8/2023	188	80	**42.55%**	0	0	0	0	0	0
Ginter Park Elementary	1/24/2023	127	54	**42.52%**	6	1	1	3	**1**	0
Henderson Middle*	1/5/2023	254	109	**42.91%**	0	0	0	0	0	0
Henry L Marsh III Elementary	2/6/2023	202	91	**45.05%**	11	0	0	6	**2**	**3**
Huguenot High*	2/22/2023	338	169	**50.00%**	0	0	0	0	0	0
J.B. Fisher Elementary	2/10/2023	79	29	**36.71%**	5	2	1	1	**1**	0
J.L. Francis Elementary	1/19/2023	190	81	**42.63%**	10	2	2	2	**1**	**3**

Richmond City Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Average 0-25%	Average 26-29%	High 30-39%	Excessive 40-49%	Excessive 50% +
John B. Cary Elementary	1/23/2023	70	21	30.00%	5	2	0	2	1	0
John Marshall High*	2/13/2023	161	85	52.80%	0	0	0	0	0	0
Linwood Holton Elementary	1/27/2023	111	24	21.62%	7	5	0	2	0	0
Lucille M. Brown Middle*	1/25/2023	322	127	39.44%	0	0	0	0	0	0
Martin Luther King Jr. Middle*	2/6/2023	274	138	50.36%	0	0	0	0	0	0
Mary Munford Elementary	2/16/2023	189	29	15.34%	8	8	0	0	0	0
Miles Jones Elementary RPS	1/20/2023	169	63	37.28%	9	2	0	5	1	1
Oak Grove/Bellemeade Elementary	1/4/2023	178	63	35.39%	10	3	2	2	2	1
Open High*	1/20/2023	47	20	42.55%	0	0	0	0	0	0
Overby-Sheppard Elementary	1/25/2023	101	47	46.53%	6	1	0	3	1	1
Patrick Henry School Of Science And Arts*	1/27/2023	105	24	22.86%	6	4	0	2	0	0
Richmond Alternative*	1/23/2023	37	20	54.05%	0	0	0	0	0	0
Richmond Community High*	1/23/2023	51	22	43.14%	0	0	0	0	0	0
River City Middle*	2/2/2023	699	328	46.92%	0	0	0	0	0	0
Southampton Elementary	3/6/2023	125	44	35.20%	8	3	1	1	2	1
Swansboro Elementary	3/1/2023	53	23	43.40%	4	0	0	2	0	2
Thomas C. Boushall Middle*	3/1/2023	401	197	49.13%	0	0	0	0	0	0
Thomas Jefferson High*	2/27/2023	157	64	40.76%	0	0	0	0	0	0
Westover Hills Elementary	1/26/2023	129	42	32.56%	8	4	0	2	1	1
William Fox Elementary	1/30/2023	140	36	25.71%	8	4	2	2	0	0
Woodville Elementary	1/17/2023	93	42	45.20%	5	0	0	2	2	1
Total		7,468	3,072		199	52	19	64	32	32
Average Refer Rate						41.14%			32.16%	

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Classrooms where **40% or more** of the students require follow up vision services are considered **excessively high**; this concentration of students with potential vision problems affects the classroom and/or school as a whole. The number of classrooms in each school in the division where 40% or more of the students require follow-up vision services are highlighted in orange.

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School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Belfast Elk Garden Elementary	10/14/2022	36	5	13.89%	2	2	0	0	0	0
Castlewood Elementary	10/11/2022	64	27	42.19%	5	0	1	3	0	1
Castlewood High*	10/11/2022	54	24	44.44%	0	0	0	0	0	0
Copper Creek Elementary	10/11/2022	40	7	17.50%	3	3	0	0	0	0
Honaker Elementary	10/12/2022	172	43	25.00%	12	7	0	2	2	1
Honaker High*	10/12/2022	70	35	50.00%	0	0	0	0	0	0
Lebanon Elementary	10/13/2022	88	18	20.45%	6	4	0	2	0	0
Lebanon High*	10/13/2022	108	43	39.81%	0	0	0	0	0	0
Lebanon Middle	10/13/2022	95	35	36.84%	6	1	1	2	1	1
Lebanon Primary	10/14/2022	76	11	14.47%	5	4	0	1	0	0
Swords Creek Elementary	10/14/2022	32	5	15.63%	3	3	0	0	0	0
Total		835	253		42	24	2	10	3	3
Average Refer Rate				30.30%					14.29%	

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Smyth County Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Atkins Elementary	10/13/2022	40	12	30.00%	3	2	0	0	0	1
Chilhowie Elementary	10/11/2022	152	30	19.74%	9	6	2	1	0	0
Chilhowie High	10/11/2022	80	40	50.00%	6	0	0	0	3	3
Chilhowie Middle	10/11/2022	95	38	40.00%	7	0	1	4	1	1
Marion Elementary	10/13/2022	94	12	12.77%	5	5	0	0	0	0
Marion Middle*	10/14/2022	118	46	38.98%	0	0	0	0	0	0
Marion Senior High*	10/14/2022	141	77	54.61%	0	0	0	0	0	0
Northwood High*	10/12/2022	51	26	50.98%	0	0	0	0	0	0
Northwood Middle	10/12/2022	39	17	43.59%	4	0	1	1	0	2
Oak Point Elementary	10/13/2022	96	25	26.04%	6	2	1	3	0	0
Rich Valley Elementary	10/12/2022	34	10	29.41%	2	0	1	1	0	0
Saltville Elementaty	10/12/2022	58	14	24.14%	4	3	0	1	0	0
Sugar Grove Elementary	10/13/2022	29	4	13.79%	2	2	0	0	0	0
Total		**1,027**	**351**		**48**	20	6	11	4	7
Average Refer Rate						34.18%			22.92%	

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Southampton County Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Capron Elementary	12/12/2022	38	11	28.95%	4	2	0	1	0	1
Meherrin Elementary	12/12/2022	55	14	25.45%	4	2	0	2	0	0
Nottoway Elementary	12/9/2022	58	7	12.07%	4	4	0	0	0	0
Riverdale Elementary	12/2/2022	140	30	21.43%	9	6	1	1	1	0
Southampton High*	1/9/2023	185	89	48.11%	0	0	0	0	0	0
Southampton Middle*	1/4/2023	160	77	48.13%	0	0	0	0	0	0
Total		636	228		21	14	1	4	1	1
Average Refer Rate				35.85%					9.52%	

The national average for vision problems in school aged children is 25%.

Classrooms, schools, or divisions reporting 25% or less of their students with potential vision problems fall within the national average. Almost all school divisions will contain segments of their population with higher than average vision problems.

Classrooms where **40% or more** of the students require follow up vision services are considered **excessively high**; this concentration of students with potential vision problems affects the classroom and/or school as a whole. The number of classrooms in each school in the division where 40% or more of the students require follow-up vision services are highlighted in orange.

Schools where more than 30% of the students require follow-up vision services are also highlighted in orange.

some schools, especially secondary schools, do not record or manage their screening results by classroom.

Staunton County Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Arthur R. Ware Elementary	9/27/2022	123	30	24.39%	8	6	1	1	0	0
Bessie Weller Elementary	9/26/2022	107	26	24.30%	7	4	1	2	0	0
Genesis Program at Dixon School	9/26/2022	52	13	25.00%	3	2	0	0	1	0
Shelburne Middle*	9/27/2022	164	55	33.54%	0	0	0	0	0	0
Thomas C. McSwain Elementary	9/26/2022	127	26	20.47%	8	6	1	1	0	0
Total		573	150		26	18	3	4	1	0
Average Refer Rate				26.18%					3.85%	

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Schools where more than 30% of the students require follow-up vision services are also highlighted in orange.

some schools, especially secondary schools, do not record or manage their screening results by classroom.

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Luther P. Jackson Middle	10/17/2022	55	23	41.82%	0	0	0	0	0	0
Surry County High	10/17/2022	48	26	54.17%	0	0	0	0	0	0
Surry Elementary	10/17/2022	87	20	22.99%	6	3	2	1	0	0
Total		190	69		6	3	2	1	0	0
Average Refer Rate				36.32%						

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School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Sussex Central Elementary	12/8/2022	111	30	27.00%	8	4	0	3	1	0
Sussex Central High*	12/8/2022	65	33	50.80%	0	0	0	0	0	0
Sussex Central Middle*	12/8/2022	63	26	41.30%	0	0	0	0	0	0
Total		239	89		8	4	0	3	1	0
				37.24%					12.50%	

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Tazewell County Public Schools
2022-2023 Vision Screening Results

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
Abb's Valley-Boissevain Elementary	10/21/2022	35	4	11.43%	2	2	0	0	0	0
Cedar Bluff Elementary*	10/18/2022	170	41	24.12%	0	0	0	0	0	0
Dudley Primary	10/21/2022	121	18	14.88%	5	5	0	0	0	0
Graham High*	10/21/2022	96	48	50.00%	0	0	0	0	0	0
Graham Intermediate	10/20/2022	100	27	27.00%	4	1	2	1	0	0
Graham Middle*	10/21/2022	105	43	40.95%	0	0	0	0	0	0
Richlands Elementary	10/18/2022	179	51	28.49%	8	2	0	4	1	1
Richlands High*	10/19/2022	125	58	46.40%	0	0	0	0	0	0
Richlands Middle*	10/18/2022	138	66	47.83%	0	0	0	0	0	0
Tazewell High*	10/20/2022	104	54	51.92%	0	0	0	0	0	0
Tazewell Intermediate	10/19/2022	107	36	33.64%	6	2	1	0	3	0
Tazewell Middle*	10/19/2022	116	59	50.86%	0	0	0	0	0	0
Tazewell Primary	10/20/2022	135	22	16.30%	6	5	0	1	0	0
Total		**1,531**	**527**		**31**	**17**	**3**	**6**	**4**	**1**
Average Refer Rate					**34.42%**				16.13%	

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some schools, especially secondary schools, do not record or manage their screening results by classroom.

Conexus FOR CHILDREN'S VISION

School Name	Screening Date	Total Students Screened	Total Students Referred	Refer Rate	Total Classrooms Screened	Number of classrooms within each referral range				
						Average		High	Excessive	
						0-25%	26-29%	30-39%	40-49%	50% +
A.S. Rhodes Elementary	9/2/2022	78	15	19.23%	4	3	0	1	0	0
E. Wilson Morrison Elementary	8/31/2022	137	44	32.12%	8	2	1	3	2	0
Hilda J. Barbour Elementary	9/2/2022	140	38	27.14%	7	3	1	3	0	0
Leslie Fox Keyser Elementary	9/1/2022	161	37	22.98%	8	7	0	1	0	0
Ressie Jeffries Elementary	9/2/2022	182	35	19.23%	9	7	1	1	0	0
Skyline High*	8/29/2022	188	92	48.94%	0	0	0	0	0	0
Skyline Middle School*	8/31/2022	149	49	32.89%	0	0	0	0	0	0
Warren County High*	9/2/2022	165	70	42.42%	0	0	0	0	0	0
Warren County Middle School*	9/1/2022	175	82	46.86%	0	0	0	0	0	0
Total		1,375	462		36	22	3	9	2	0
Average Refer Rate				33.60%					5.56%	

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MOBILE VISION CLINIC

RESULTS

BY SCHOOL DIVISION

School	Screening total	Screening Refer	refer rate	Mobile Clinic Exam totals	Clinic Utilization rate	Medicaid Enrolled	Under or Uninsured	# Glasses	# Total Referrals off clinic	# referred w/ Glasses	# Referred w/o Glasses	Good Vision	External RX Filled	Replace- ment Glasses
Burnley-Moran Elementary	99	20	20.20%	10	50.00%	8	2	9	1	1	0	1	2	7
Clark Elementary	97	26	26.80%	26	100.00%	15	11	23	12	12	0	3	0	1
Greenbrier Elementary	168	45	26.80%	34	75.56%	14	20	27	8	7	1	6	1	1
Jackson-Via Elementary	138	42	30.40%	28	66.67%	20	8	23	9	8	1	4	0	2
Johnson Elementary	137	35	25.50%	28	80.00%	19	9	23	13	11	2	3	0	6
Venable Elementary	117	31	26.50%	17	54.84%	10	7	14	6	6	0	3	0	0
Total	**756**	**199**	**26.32%**	**143**	**71.18%**	**86**	**57**	**119**	**49**	**45**	**4**	**20**	**3**	**17**

School	Screening total	Screening Refer	refer rate	Mobile Clinic Exam totals	Clinic Utilization rate	Medicaid Enrolled	Under or Uninsured	# Glasses	# Total Referrals off clinic	# referred w/ Glasses	# Referred w/o Glasses	Good Vision	External RX Filled	Replace- ment Glasses
AM Davis	210	50	23.81%	47	94.00%	27	20	36	0	0	0	11	0	0
Bellwood	149	42	28.19%	39	92.86%	23	16	29	3	2	0	10	0	4
Bensley	353	111	31.44%	107	96.40%	57	50	85	15	13	2	20	2	4
Beulah	316	99	31.33%	93	93.94%	53	40	72	5	4	1	20	1	10
Carver	48	27	56.25%	20	74.07%	14	6	18	1	1	0	2	0	1
Chalkley	284	104	36.62%	97	93.27%	65	32	77	2	0	0	18	2	15
Crestwood	169	49	28.99%	53	108.16%	30	23	41	2	1	1	11	0	10
Curtis	243	63	25.93%	60	95.24%	37	23	41	1	1	0	19	0	3
Ecoff	229	56	24.45%	50	89.29%	28	22	39	0	0	0	11	6	3
Elizabeth Scott	238	71	29.83%	73	102.82%	51	22	65	12	12	0	8	1	3
Ettrick	177	67	37.85%	61	91.04%	44	17	46	3	0	3	12	1	13
Falling Creek Elem.	256	86	33.59%	83	96.51%	57	26	57	4	1	3	23	0	7
Falling Creek Middle	460	225	48.91%	210	93.33%	137	73	153	11	9	2	55	2	0
Harrowgate	134	40	29.85%	39	97.50%	27	12	30	1	0	1	8	1	6
Hopkins	220	76	34.55%	73	96.05%	43	30	54	1	0	1	18	3	2
J G Hening	238	63	26.47%	65	103.17%	42	23	56	1	0	1	8	0	0
Jacobs Road	254	77	30.31%	72	93.51%	45	27	56	0	0	0	16	0	6
LC Bird	533	243	45.59%	224	92.18%	111	113	177	8	8	0	47	0	2
Maguerite Christian	152	46	30.26%	53	115.22%	26	27	47	12	12	0	6	3	1
Manchester Middle	342	150	43.86%	157	104.67%	70	87	116	5	5	0	41	1	0
Matoaca	205	64	31.22%	59	92.19%	35	24	46	3	2	1	12	3	5
Meadowbrook	391	190	48.59%	170	89.47%	90	80	137	11	10	1	32	1	0
Providence Elem.	207	49	23.67%	48	97.96%	23	25	31	0	0	0	17	0	5
Reams	164	42	25.61%	42	100.00%	23	19	33	0	0	0	9	5	3
Salem Church Elem.	141	39	27.66%	38	97.44%	25	13	26	2	0	2	10	0	3
Salem Church Middle	301	110	36.54%	106	96.36%	68	38	82	10	9	1	23	0	0
Thelma Crenshaw	187	42	22.46%	45	107.14%	25	20	29	0	0	0	16	1	4
TOTALS	**6,601**	**2,281**	**34.56%**	**2,184**	**96.44%**	**1,276**	**908**	**1,679**	**113**	**90**	**20**	**483**	**33**	**110**

School	Screening total	Screening Refer	refer rate	Mobile Clinic Exam totals	Clinic Utilization rate	Medicaid Enrolled	Under or Uninsured	# Glasses	# Total Referrals off clinic	# referred w/ Glasses	# Referred w/o Glasses	Good Vision	External RX Filled	Replace- ment Glasses
Cumberland Elementary	186	46	24.73%	48	104.35%	36	12	31	3	1	2	15	0	5
Cumberland Middle	80	30	37.50%	47	156.67%	29	18	30	3	0	3	14	0	0
Cumberland High School	96	50	52.08%	31	62.00%	22	9	23	0	0	0	8	3	2
Totals	**362**	**126**	**34.81%**	**126**	**107.67%**	**87**	**39**	**84**	**6**	**1**	**5**	**37**	**3**	**7**

School	Screening total	Screening Refer	refer rate	Mobile Clinic Exam totals	Clinic Utilization rate	Medicaid Enrolled	Under or Uninsured	# Glasses	# Total Referrals off clinic	# referred w/ Glasses	# Referred w/o Glasses	Good Vision	External RX Filled	Replace-ment Glasses
Cool Springs Elementary	120	51	42.50%	61	119.61%	43	18	48	1	1	0	13	7	14
Lakemont Elementary	149	42	28.19%	55	130.95%	44	11	47	2	1	1	7	0	8
Petersburg High School	246	142	57.72%	120	84.51%	86	34	89	3	2	1	30	0	8
Pleasants Lane Elementary	163	64	39.26%	62	96.88%	39	23	45	4	2	2	15	0	13
Vernon Jones Middle	231	104	45.02%	76	73.08%	54	22	67	7	6	1	8	1	0
Walnut Hill Elementary	146	60	41.10%	66	110.00%	50	16	50	1	0	1	15	3	3
Totals	**1,055**	**463**	**43.89%**	**440**	**102.50%**	**316**	**124**	**346**	**18**	**12**	**6**	**88**	**11**	**46**

School	Screening total	Screening Refer	refer rate	Mobile Clinic Exam totals	Clinic Utilization rate	Medicaid Enrolled	Under or Uninsured	# Glasses	# Total Referrals off clinic	# Referred w/ Glasses	# Referred w/o Glasses	Good Vision	External RX Filled	Replacement Glasses Issued
Albert Hill Middle	313	116	37.06%	106	91.38%	59	47	79	1	1	0	27	3	3
Armstrong High*	163	89	54.60%	71	79.78%	60	11	53	1	1	0	18	1	0
Barack Obama Elementary	109	38	34.86%	37	97.37%	22	15	28	1	1	0	9	0	3
Bellevue Elementary RPS	63	27	42.86%	21	77.78%	13	8	18	6	5	1	2	0	0
Binford Middle*	272	128	47.06%	124	96.88%	74	50	98	11	10	1	25	0	9
Blackwell Elementary	127	31	24.41%	28	90.32%	20	8	28	13	13	0	0	0	0
Broad Rock Elementary	217	94	43.32%	87	92.55%	52	35	66	3	3	0	21	0	3
Cardinal Elementary	231	78	33.77%	87	111.54%	50	37	66	3	3	0	21	0	3
Chimborazo Elementary RPS	164	46	28.05%	46	100.00%	34	12	42	5	4	1	3	1	11
Elizabeth D. Redd Elementary	136	59	43.38%	53	89.83%	30	23	50	9	9	0	3	0	6
Fairfield Court Elementary	117	58	49.57%	53	91.38%	36	17	39	2	1	1	13	0	2
Franklin Military Academy	116	47	40.52%	49	104.26%	33	16	44	2	2	0	5	0	0
G.H. Reid Elementary	260	101	38.85%	98	97.03%	62	36	86	11	11	0	12	0	9
George W. Carver Elementary	120	54	45.00%	54	100.00%	43	11	41	4	1	3	10	0	0
George Wythe High*	173	75	43.35%	54	72.00%	32	22	41	4	1	3	10	0	0
Ginter Park Elementary	127	54	42.52%	51	94.44%	34	17	49	8	8	0	2	1	3
Henderson Middle*	254	109	42.91%	102	93.58%	79	23	79	3	0	3	20	1	2
Henry L Marsh III Elementary	170	75	44.12%	81	108.00%	61	20	49	8	6	2	30	1	3
Huguenot High	297	147	49.49%	147	100.00%	94	53	123	7	5	2	22	0	2
J.B. Fisher Elementary	79	29	36.71%	25	86.21%	18	7	19	0	0	0	6	1	1
J.L. Francis Elementary	190	81	42.63%	76	93.83%	41	35	55	0	0	0	21	0	4
John B. Cary Elementary	70	20	28.57%	20	100.00%	14	6	14	0	0	0	6	0	0
John Marshall High*	149	80	53.69%	71	88.75%	53	18	48	1	0	1	22	0	1
Linwood Holton Elementary	111	24	21.62%	18	75.00%	7	11	15	3	2	1	2	0	0
Lucille M. Brown Middle*	274	105	38.32%	120	114.29%	82	38	105	4	4	0	15	0	1
Martin Luther King Jr. Middle*	245	122	49.80%	113	92.62%	91	22	76	6	5	1	36	0	0
Mary Munford Elementary	189	29	15.34%	27	93.10%	5	22	15	0	0	0	12	1	0
Miles Jones Elementary RPS	169	63	37.28%	53	84.13%	32	21	44	8	8	0	9	2	1
Oak Grove/Bellemeade Elementary	178	63	35.39%	55	87.30%	32	23	48	7	6	1	6	0	1
Overby-Sheppard Elementary	101	47	46.53%	42	89.36%	28	14	27	0	0	0	15	0	3
Patrick Henry School Of Science & Arts	105	24	22.86%	21	87.50%	9	12	11	0	0	0	10	0	0
River City Middle*	656	303	46.19%	299	98.68%	196	103	239	24	23	1	59	0	2
Southampton Elementary	125	44	35.20%	35	79.55%	19	16	30	4	4	0	5	1	5
Swansboro Elementary	53	23	43.40%	21	91.30%	17	4	16	0	0	0	5	0	0
Thomas C. Boushall Middle	337	166	49.26%	179	107.83%	120	59	142	12	12	0	37	0	2
Thomas Jefferson High	157	64	40.76%	64	100.00%	44	20	50	1	0	1	13	0	2
Westover Hills Elementary	129	42	32.56%	37	88.10%	29	8	32	1	1	0	5	1	2
William Fox Elementary	140	36	25.71%	31	86.11%	22	9	18	0	0	0	13	1	0
Woodville Elementary	93	42	45.16%	35	83.33%	30	5	33	6	5	1	1	0	1
TOTALS	**6979**	**2833**	**40.59%**	**2691**	**92.69%**	**1777**	**914**	**2116**	**179**	**155**	**24**	**551**	**15**	**85**

Click on the links below to see how the work of the Conexus Mobile Vision Clinic is impacting schools and students.

2022 2023 Dispensing Video

Conexus Celebrates 10,000 Mobile Clinic Exams

SAMPLE VISION SCREENING
PARENT REPORT

Students who do not pass their vision screening may not be seeing as well as they should, and this could affect their school performance.

Your child recently received a vision screening at school through the Conexus VisioCheck program and did not pass the screening. The results of the screening are on the back of this page.

Your child will receive a **FREE eye exam and glasses (if needed)** at school during the school year.

Your child is not required to participate in this free program. If you **DO NOT** want your child to receive this free service, **CONTACT YOUR SCHOOL NURSE TODAY to opt-out**.

IMPORTANT: If your child is currently under the care of an eye doctor (within the last year) please check with that eye doctor before participating. Your child should bring or wear their glasses to the eye exam at school.

WHAT YOU NEED TO KNOW:

- Your child's screening results will be sent home after the screening.
- If you do not want your child to receive a free exam contact your school nurse.
- The exam will be given by a licensed eye doctor from Conexus at your child's school.
- The eye exam **does not** use eye drops to dilate the eyes.
- If your child needs glasses, they will pick their frames for their glasses at school on the day of the exam.
- Glasses will be returned to your child at school about 2-3 weeks after the eye exam.
- You will receive a copy of the doctor's report with your child's exam results following your child's exam.
- Conexus will give a copy of the exam results to the school nurse as part of your child's school health record.
- Conexus may bill your insurance if your child has vision insurance. This service is free to you. You will not receive a bill even if your child doesn't have insurance or insurance will not pay.
- Conexus may take and use pictures and media from the clinic, which may or may not include your child's image, for program materials. No personal information about your child will be released. To opt out of photos only contact your school nurse.
- Parents or caregivers are not required to be at the exam but are welcome to attend.

IMPORTANT: If your child is currently under the care of an eye doctor (within the last year) please check with that eye doctor before participating. Your child should bring or wear their glasses to the eye exam at school.

If you have questions, contact programs@conexusvision.org.

Es posible que los estudiantes que no hayan pasado su examen de la vista actualmente no puedan ver tan claro como deberían y esto podría afectar su desempeño escolar.

Se le realizó a su hijo una prueba de detección de problemas de visión en la escuela a través del programa Conexus VisioCheck y los resultados de su hijo no fueron óptimos. Puede encontrar los resultados de la prueba en el reverso de esta página.

Su niño recibirá un **examen de seguimiento y lentes (de ser necesario) GRATIS** en la escuela durante el año escolar.

No es requerido que su niño participe en este programagratis. **SI NO** desea que su niño reciba este servicio gratis, **COMUNÍQUESE CON LA ENFEMERA ESCOLAR para notificarlo**.

IMPORTANTE: Si su niño ha estado en tratamiento con un oculista (durante el pasado año) favor de verificar con ese oftalmólogoantes de participar. Su niño deberá llevar sus lentes al examen de la vista dela escuela.

LO QUE NECESITAS SABER :

- Los resultados de su niño serán enviados a casa después de los exámenes.
- Si no desea que su niño reciba este examen gratis, comuníquese con la enfermera escolar.
- Un oculista licenciado de Conexus proveerá el examen en la escuela de su niño.
- El examen **no** usara gotas para dilatar los ojos.
- Si su niño necesita lentes, podrán escoger su marco al momento del examen.
- Los lentes serán fabricados y entregados en la escuela varias semanas después del examen.
- Usted recibirá copia del informe médico de su niño después del examen.
- Conexus compartirá los resultados del examen con la enfermera escolar como parte del registro de salud de su niño.
- No tendrá que pagar costo alguno. Si su niño tiene seguro de vista, Conexus podrá facturar su proveedor. NO será facturado aunque no tenga seguro médico o si el seguro no cubre el costo.
- Conexus podrá tomar y usar fotos y material publicitario de la clínica, que pueda o no incluir la imagen de su niño en materiales del programa. Información personal de su niño no será compartida. Para optar por no recibir fotos, póngase en contacto con la enfermera de su escuela.
- No es requerido que los padres o encargados estén presentes durante el examen pero están invitados a hacerlo.

IMPORTANTE: Si su niño ha estado en tratamiento con un oculista (durante el pasado año) favor de verificar con ese oftalmólogo antes de participar. Su niño deberá llevar sus lentes al examen de la vista de la escuela.

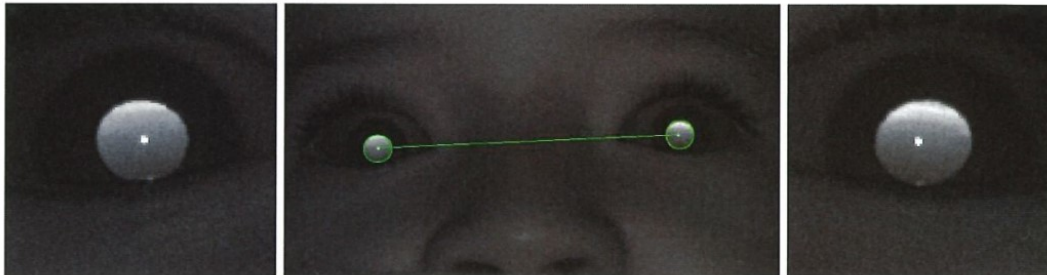*De tener alguna pregunta, favor de comunicarse a programs@conexusvision.org.*
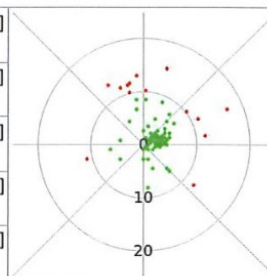
Vision screening report

plusoptix

Date of measurement: 08/02/2021

OD		OS
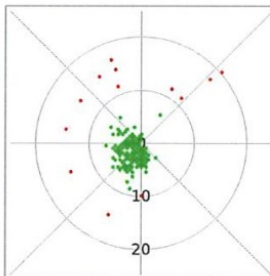
	Refraction	[dpt]
-0.75 -5.00 4°		+1.00 -7.00 178°
	Spherical equivalent	[dpt]
-3.25		-2.25
	Gaze asymmetry	[°]
	0.9	
	Pupil diameter	[mm]
5.3		5.4
	Pupil distance	[mm]
	62	

		Screening result
Anisometropia	Spherical equivalent ≥ 1.00 dpt	
Astigmatism (OD,OS)	Cylinder ≥ 1.50 dpt	
Hyperopia		
Myopia (OD,OS)	Spherical equivalent ≥ 0.75 dpt	
Gaze asymmetry		
Anisocoria		
ROC 5, Ver. 7.2.6.0		**Refer**

Vision screening does not replace a complete eye examination by an ophthalmologist or optometrist. Vision screening must be conducted regularly as eyes may change over time! Children with screening result "Refer" should be referred to an ophthalmologist or optometrist.

Learn more here

Aprenda más aqui:

ConexusVision.org
(804) 423-2020

Conexus FOR HEALTHY VISION

VisioCheck

Your child will receive a **FREE eye exam and glasses (if needed)** at school during the school year. Your child is not required to participate in this free program. If you **DO NOT** want your child to receive this free service, **CONTACT YOUR SCHOOL NURSE TODAY to opt-out**.

You may also take your child to an eye doctor of your choice.

This is a screening, not an eye exam. Vision problems can only be diagnosed and treated through an eye exam from an eye care professional.

Su hijo/a recibirá un **examen de seguimiento y lentes (de ser necesario) GRATIS** en la escuela durante el año escolar. No es requerido que su niño participe en este programa gratis. **SI NO desea** que su niño reciba este servicio gratis, **COMUNÍQUESE CON LA ENFEMERA ESCOLAR** para notificarlo.

Si desea, lleve a su niño a su propio médico.

Se trata de una proyección, no un examen complete de la vista. Problemas de visión sólo pueden ser diagnosticados y tratados a través de un examen de la vista de un profesional medico ocular.

FREE GRATIS

APPENDICES

Conexus (*formerly Prevent Blindness Virginia)* a private, non-profit 501 (c) 3 was established in 1957 as the local affiliate of Prevent Blindness America. In 2014, Conexus took on its new name as part of a separation from the national organization in order to make children's vision its sole focus with a mission to eliminate poor vision as a barrier to academic success.

For a decade leading up to the introduction of technology, Conexus worked with a network of over 1,800 school nurses to support state mandated vision screening efforts in 128 school divisions across the Commonwealth.

As technology became available, Conexus began a careful and controlled implementation and over the course of seven years, developed the propriety VisioCheck program to maximize the efficiencies and benefits of technology into a results oriented screening program.

Conexus was instrumental in working with product developers to advise on technological and software needs required for the successful integration of technology into mass vision screenings.

Conexus is now the preeminent provider of technology based comprehensive children's vision programming in Virginia, maintaining one of the largest data sources for children's vision assessments in the nation. Since program inception Conexus has delivered VisioCheck to over 419,000 students across the Commonwealth.

The impressive data generated through VisioCheck has allowed Conexus to call attention to the significant public health and education crisis of poor vision in the classroom. In addition to pointing toward the need for consistent, high quality vision screenings, the results directed Conexus to expand its services to support the growing need to connect students who are found to have a potential vision problem to vision providers and resources in their community.

In 2017 Conexus established Conexus Mobile, a service that brings onsite eye exams and glasses directly into schools as a means to address access to care in some of the Commonwealth's most challenged schools and divisions. Conexus now operates two full time mobile vision clinics and has provided over 15,132 eye exams at no cost to students or their families.

Conexus is in the midst of a five year Campaign with a goal to have four full time clinics operating in the divisions showing the greatest need. Currently Conexus has secured the capital to run three clinics and in 2023 established a process for claims filing with Medicaid for eye exams delivered to students enrolled in Medicaid on their date of service which is a significant factor in long term program sustainability and geographic expansion.

Conexus operates under the direction of a thirteen member Board of Directors and enjoys the collective eighty years of experience represented by the organization's senior staff.

Conexus
FOR HEALTHY VISION

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Resolution

Conexus Council for Pediatric Vision and Conexus Board of Directors

Whereas, the Council for Pediatric Vision is charged with monitoring and reviewing vision health programs to recommend public health best practices to eliminate poor vision as a barrier to success;

And Whereas, technology has provided opportunities for improved vision screening, improved data collection and improved communication of potential eye health issues to families;

And Whereas, the Council for Pediatric Vision requested a study of the accuracy, effectiveness, and efficiency of VisioCheck in school age population, finding it to: be highly accurate in determining refractive errors; cause earlier and more effective interventions to improve vision; and be four times more efficient than traditional chart-based screenings, thus saving time and money;

And Whereas, The VCU / Conexus study was conducted in collaboration with Chesterfield County Public Schools with Third Grade Students;

Therefore, the Council for Pediatric Vision hereby recommends the VisioCheck program, for its inclusion of highly effective vision screenings, communication, education, and quality measurement components-for completing mass vision screenings in the school environment.

Positive Predictive Value (PPV)

Probability that students referred through each method truly have a vision problem.

VisioCheck PPV = 85.4%; traditional screening method PPV = 77.3%.

Note that VisioCheck not only refers more students (is more sensitive), but a higher percentage of those referred have a vision problem (meaning that VisioCheck is also more accurate). VisioCheck consistently has an over-refer rate of less than 2.5% and *identifies students with vision problems that are missed by traditional screenings.*

Positive Predictive Value (PPV)
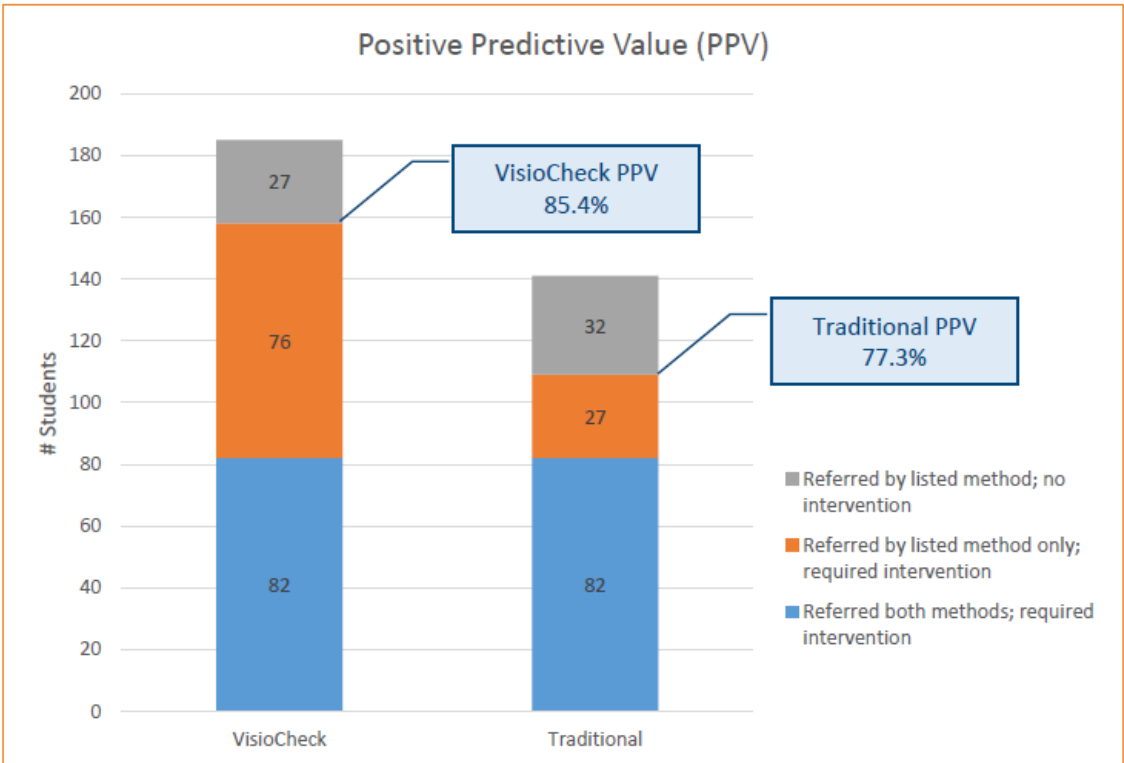
Efficiency of Screening

Time savings **increase exponentially** as the efficiencies of VisioCheck are employed across classrooms, schools, and school divisions.

Based on the VCU study, the average time for an RN to conduct the traditional vision screening is **0.8 minutes** (shown through experience to be significantly longer in some cases, depending on experience and training). The average time for a credentialed VisioCheck screener is **0.2 minutes**.

This does *not* include the time it takes to remove students from their classrooms and wait time in the screening area for traditional screenings, factors which are eliminated through VisioCheck's ability to screen in the classroom, often with students seated at their desks – *saving valuable instructional time*.

Screening Time (Minutes) line chart with y-axis "Minutes" (0 to 4500) and x-axis categories: Per Student, Classroom (average ~20 students), School (average ~400 students), School Division (~5,000 students). Legend: Traditional Screening, VisioCheck.
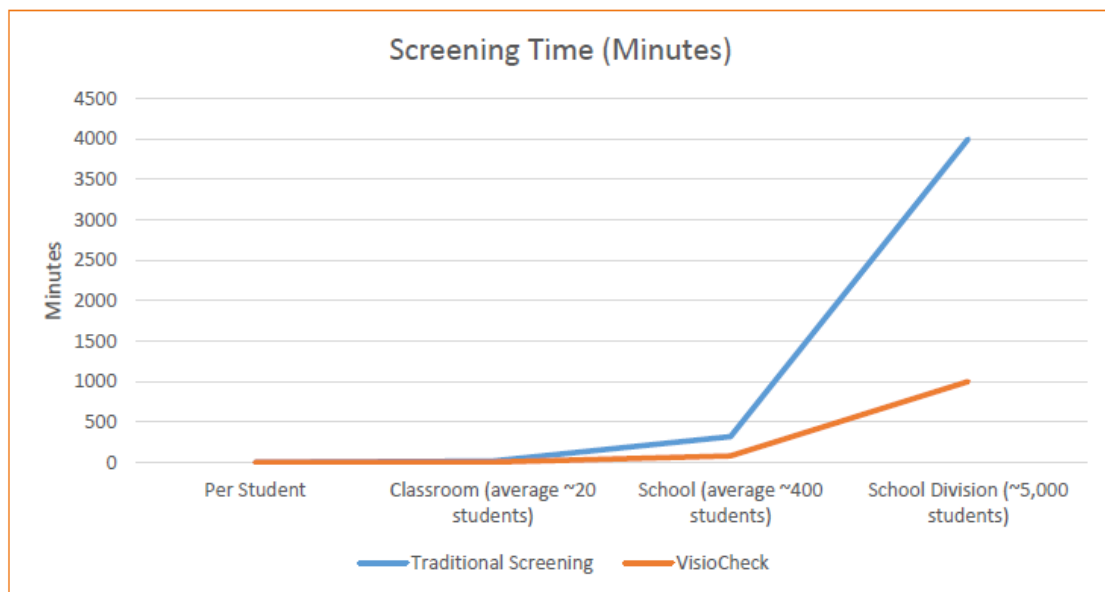
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Co-Chairmen:

Bo Pegram, OD

Ed Wortham, MD

Council Members:

Teresa Isom, RN, BSN

Margaret Meara, EdD

The Hon. Roxann Robinson, OD

Evan Silverstein, MD

Katie Sloan

Melissa Perry

The Council for Pediatric Vision, whose makeup includes ophthalmologists; optometrists; school health professionals; school division leadership; and Conexus Program leadership, has carefully developed the Conexus Mobile Vision Clinic providing eye exams and glasses to students at public schools in Virginia. During this current school year (2021-2022) Conexus Mobile Vision will provide eye exams and glasses (if prescribed) to 4,000 students living in poverty, most of whom would likely never access eyecare without this Mobile Vision service. Eye exams on the Mobile Vision Clinic are performed on-site by Virginia licensed optometrists and ophthalmologists, and the services of Virginia licensed opticians are used on-site to fit and dispense glasses. The Conexus Mobile Vision Clinic currently serves Chesterfield County (Title I Schools), Richmond, Petersburg, and Cumberland County.

The effectiveness, efficiency, appropriateness, impact, protocols, and policies have been developed, studied, and tested by the Council for Pediatric Vision, and a published study by VCU medical students. The challenge we've been seeking help from the General Assembly is in securing Medicaid reimbursement through a viable claims process for Medicaid covered services provided to Medicaid enrollees. Conexus currently raises private funds to support all kids in these schools thus receiving Medicaid reimbursement for Medicaid eligible kids would allow Conexus to better leverage the private funds and expand services to more kids.

The work of the Conexus Mobile Vision Clinic is overseen by the Council for Pediatric Vision, delivers services provided by Virginia Licensed eyecare providers, and has successfully delivered eyecare services to nearly 8,000 students in the region's most economically challenged schools and communities. While the "gold standard" eye exam includes dilation, this is not "required" in existing exam codes. Utilization rates indicate that the children living in poverty served by the Mobile Vision Clinic at school are being provided access to care that otherwise would be inaccessible to them. The addition of these requirements (dilation, wide angle lens technology, etc.) would be impractical and prohibitive in the school setting, serving students through a large-scale program. The Mobile Vision Clinic program is designed to provide a thorough, approved exam. The primary function of the clinic is to properly identify and support the correction of refractive errors through the prescription of eyeglasses. Children who are suspected to have additional vision or eye health related issues found through the mobile clinic exam are referred for additional follow up. This medical referral is delivered to families with the additional support from the school nurse to help encourage treatment.

Conexus
FOR CHILDREN'S VISION
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What's the difference between traditional school based screening and Conexus technology based comprehensive vision program?

Traditional school based vision screenings most often utilize wall-charts to test a student's acuity at a distance. Acuity results are recorded and parents are notified of a pass/fail result as part of a general health report. Traditional screening typically places the focus on the act of screening.

A *comprehensive* children's vision program, like VisioCheck, is multifaceted with very specific goals. Screening is just one component of an overall program to help ensure children's healthy vision. A quality comprehensive children's vision program should be outcome oriented and must also contain the following:

- Training
- Certified and credentialed technicians
- Consistent, reliable, and scientific screening process
- Parental education
- Relevant, informative, and action specific result communications with parents (Pass and Refer)
- Resources for care for those without access
- Follow-up to include data collection, reporting, and regular program analysis.

A comprehensive program is designed to change the way we view the importance of healthy vision and move people to **action** — ultimately getting under the care of an eye care provider, helping to support a lifetime of good vision.

How does the technology work and what conditions does it attempt to detect?

Conexus currently utilizes PlusOptix. This is an auto refractor. A trained technician uses the device which takes a series of very rapid pictures of a child's eyes. The software instantly analyzes the images and within 1-5 seconds evaluates:

Refraction: Hyperopia, Myopia, Anisometropia, Astigmatism

Pupil Size: Anisocoria

Corneal Reflex: Strabismus

and provides a **PASS or REFER analysis for:**

Myopia (nearsightedness)

Hyperopia (farsightedness)

Anisometropia (unequal refractive power)

Astigmatism (blurred vision, eye structure problem)

Anisocoria (pupil size difference)

Strabismus (corneal reflexes, symmetry)

Is the technology based screening accurate?

Conexus participated with VCU in a 2016 study to evaluate the effectiveness of the PlusOptix technology in school aged students. The study compared chart based acuity screening to that of the PlusOptix, and found the technology (when used by a trained technician) to have a positive predictive value of 85.4% in comparison to the chart based screening performed by a trained RN, which had a positive predictive value of 77.3%.

Is there a time savings associated with the use of technology?

The VCU study referenced above found the technology based screening to be minimally four times faster than traditional chart based screenings. Technology based screenings take, on average, 5-10 seconds/student screened, and a trained, seasoned technician can screen 400 students/day. Traditional screenings often take days or even weeks to complete.

Additionally, students do not need to leave their seats in the classroom to be screened, resulting in minimal classroom disruption and lost instructional time.

Should VDOE and VDH recommend schools purchase technology to perform the state mandated vision screenings?

Technology alone will not produce improved vision outcomes for students.

Technology and the screening process are just one component of an effective, results oriented screening program.

Without improved parental communications and results reporting, data collection, and regular ongoing program analysis and evaluation, the benefits of an improved vision screening process are lost on the inability to achieve improved vision outcomes.

Outsourcing technology based **comprehensive vision screening** provides the greatest return on investment through the most fiscally responsible process, minimizing:
- Equipment needs — each piece of equipment costs $7,000
- Equipment maintenance, management, depreciation and software/technology upgrades as necessary or required
- Personnel
- Training
- Resource management

Additionally, purchasing equipment across divisions or schools does not create a consistent program resulting in the extensive data, which allows the VDOE to evaluate trends in education and help to direct and allocate resources to support improved outcomes.

Conexus

FOR HEALTHY VISION

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