

Caroline County Public Schools
School Board Meeting
October 7, 2024



FutureThink
PLAN TO EMPOWER

a WBE-certified educational
planning firm

Our mission is to empower the people and communities with whom we work—enhancing the educational experience through planning.

- Tracy Healy, Owner & President
- In operation since May 2006, 25+ years of experience
- Work with 1,000+ districts across the country
- Provides national perspective with numerous case studies & lessons learned
- Sole provider of enrollment projections for the State of Ohio

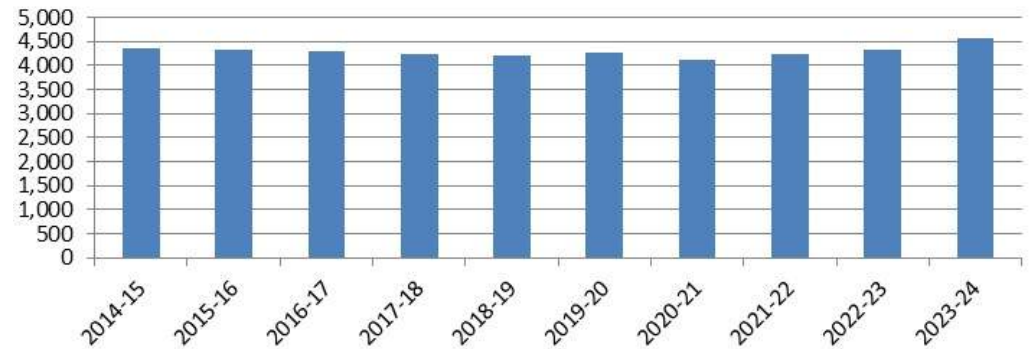


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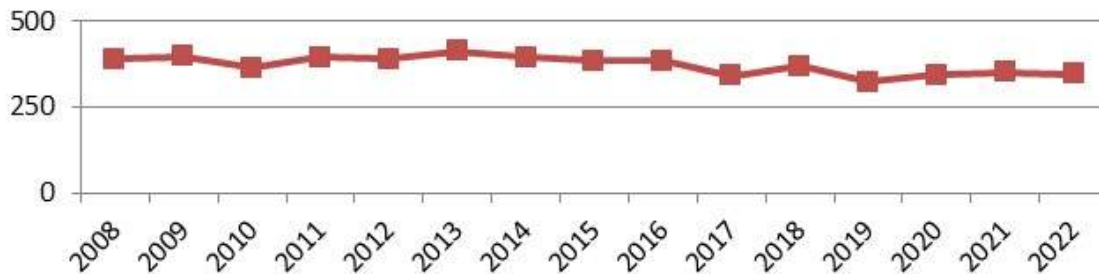
Projecting Enrollment

- ❑ *Historical Enrollment*
- ❑ *Birth Data*
- ❑ *Population Estimates*
- ❑ *Housing Data*
- ❑ *Other Variables*

Caroline County Public Schools
Historical Enrollment



Caroline County
Live Birth Counts



Historical Enrollment – increase of 207 students over last 10 years

**Caroline County Public Schools
Historical Enrollment**

Grade	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Pre-K	128	120	115	120	115	122	102	119	139	244
K	365	349	373	329	335	353	321	313	341	347
1	349	356	338	354	327	448	326	315	326	352
2	358	343	341	333	352	320	312	322	322	342
3	327	355	345	338	322	258	298	318	328	338
4	356	323	325	331	333	320	348	321	334	323
5	341	340	322	329	324	328	311	340	323	340
6	314	320	313	318	307	320	309	325	331	330
7	303	317	326	312	312	309	311	317	317	326
8	331	296	307	316	308	314	307	330	325	344
9	356	354	317	313	342	345	326	336	355	368
10	310	315	315	294	299	294	322	308	324	328
11	252	274	275	286	262	254	271	294	277	284
12	267	268	287	277	276	268	267	280	295	298
Pre-K - 12 Total	4,357	4,330	4,299	4,250	4,214	4,253	4,131	4,238	4,337	4,564

Source: Caroline County Public Schools

Historical Enrollment

*Pre-K – increase of 116 students
(95 of these students attributed to Head Start)*

K-5 – decrease of 54 students

6-8 – increase of 52 students

9-12 – increase of 93 students

Caroline County Public Schools
Historical Enrollment by Grade Group

Grade	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Pre-K	128	120	115	120	115	122	102	119	139	244
K - 5	2,096	2,066	2,044	2,014	1,993	2,027	1,916	1,929	1,974	2,042
6 - 8	948	933	946	946	927	943	927	972	973	1,000
9 - 12	1,185	1,211	1,194	1,170	1,179	1,161	1,186	1,218	1,251	1,278
Pre-K - 12 Total	4,357	4,330	4,299	4,250	4,214	4,253	4,131	4,238	4,337	4,564

Source: Caroline County Public Schools

Home School Enrollment (nation-wide) saw increase during the Pandemic and has held fairly steady since.

**Caroline County Public Schools
Home School Enrollment**

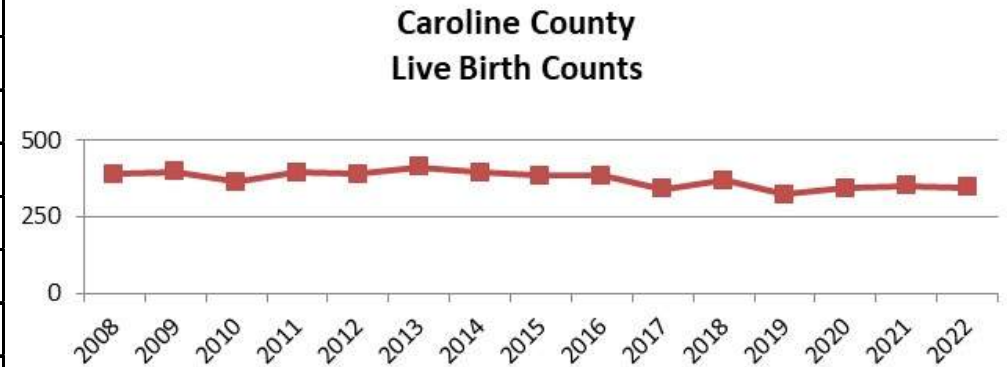
Grade	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Total	237	256	254	426	351	391	427

Source: Washington Post <https://www.washingtonpost.com/education/interactive/2023/homeschooling-growth-data-by-district/>; Caroline County Public Schools

Birth Counts – indicator of future K

**Caroline County
Live Birth Counts
2008-2022**

Year	Total
2008	389
2009	397
2010	363
2011	394
2012	389
2013	412
2014	395
2015	384
2016	384
2017	340
2018	368
2019	323
2020	343
2021	352
2022	345

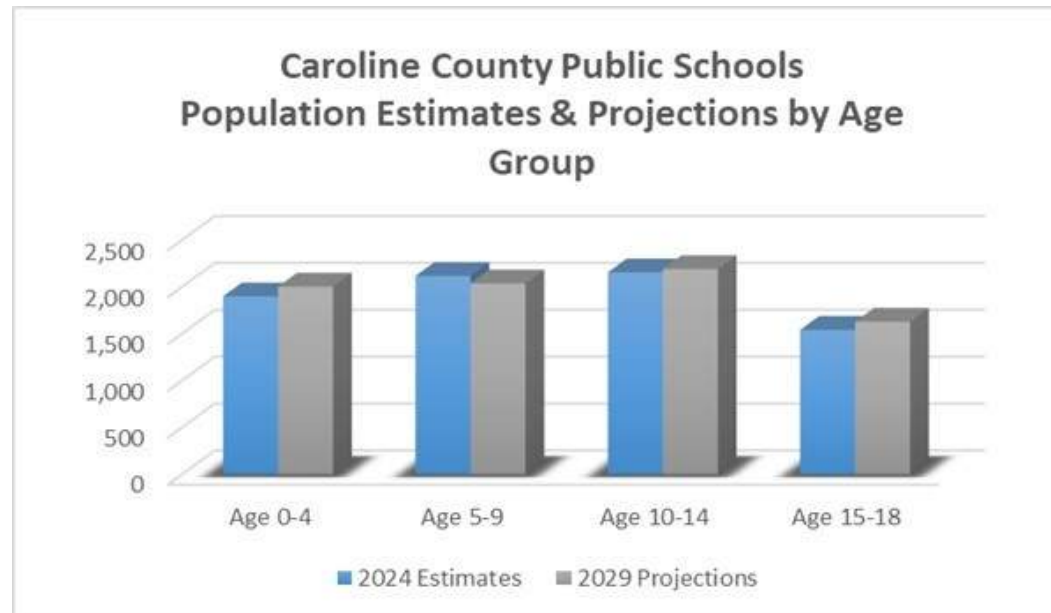


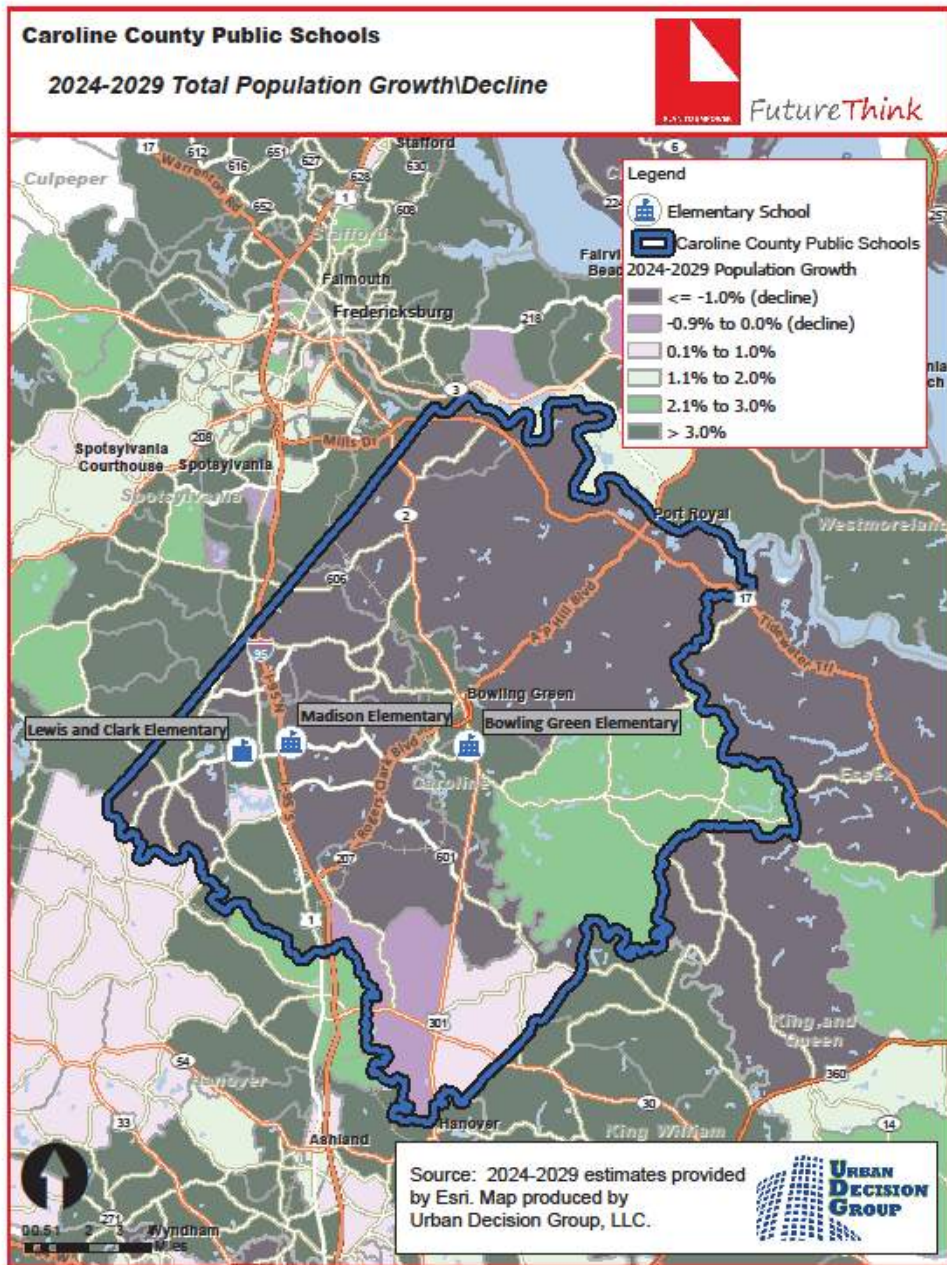
Source: Virginia Department of Health, Division of Health Statistics

General Demographics

Caroline County Public Schools	2024 Estimates	2029 Projections	Change 2024-29	Change 2024-29 (%)
Total Population	32,400	34,145	1,745	5.4%
Age 0-4	1,900	2,004	104	5.5%
Age 5-9	2,117	2,037	-80	-3.8%
Age 10-14	2,156	2,191	35	1.6%
Age 15-18	1,542	1,629	87	5.6%
Total Age 0-18	7,715	7,861	146	1.9%
Median Age	40.5	41.3	0.8	2.0%

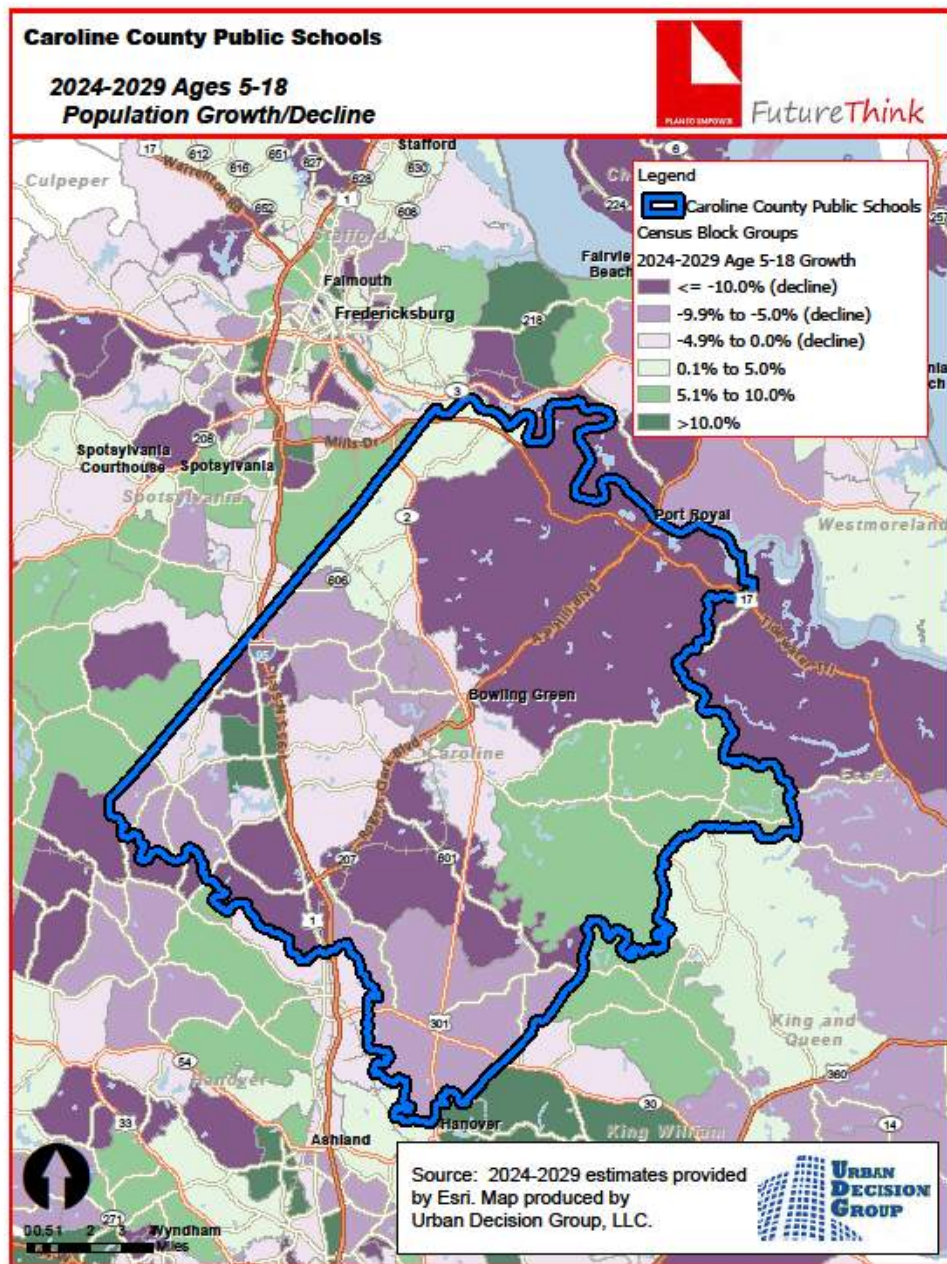
Source: ESRI





Total population is projected to increase over the next 5 years by 3.5%.

Areas in green and pink are projected to increase while areas in brown and lavender are projected to decrease.



School age population is projected to increase over the next 5 years by 1%.

Areas in shades of purple are projected to decrease, and areas in shades of green are expected to increase.

Housing Starts & Yield Factors

National Average, New Construction

Housing Type	Yield Factor
Single Family Detached	0.43
Single Family Attached	0.21
Multi-Family	0.12

Source: NAHB Economics & Housing Policy Group,
2020 Study

State Average, New Construction, Virginia

Housing Type	Yield Factor
Single Family Detached	0.444
Single Family Attached	0.545
Multi-Family	0.133

Source: NAHB Economics & Housing Policy Group,
2020 Study

Housing – single family building permits

of Building Permits Issued for Single Family Dwellings

Year	Caroline County
2014	73
2015	77
2016	110
2017	93
2018	104
2019	109
2020	188
2021	348
2022	194
2023	255
2024*	209

Source: SOCDS Building Permits Database

*preliminary through July 2024

New Housing Development

Caroline County Breakdown of Residential Lots

Development Name	Total Approved Lots	Built/Under Construction	Remaining Unbuilt
Single-Family			
Belmont	227	227	0
Belmont North II	284	0	284
Bridlewood (aka South Village)	114	0	114
Brookwood	203	191	12
Ladysmith Village	2,100	325	1,775
Maury Heights Section 3	94	94	0
Preserve at Hidden Pond*	20	0	20
Pendleton	2,180	373	1,807
South River	320	70	250
Subtotal	5,542	1,280	4,262
Townhomes/Villas			
Bella Woods*	70	0	70
Belmont	79	79	0
Belmont North I	75	0	75
Belmont North II	242	0	242
Belmont West	65	65	0
Belmont Villas*	61	0	61
Ladysmith Village	300	117	183
Maple Grove	71	71	0
Pendleton	373	373	0
Subtotal	1,336	705	631
Apartments			
Belmont West	264	0	264
Ladysmith Village	450	0	450
Pendleton	1,400	0	1,400
Subtotal	2,114	0	2,114
Total	8,992	1,985	7,007

Source: Caroline County as of August 16, 2024

*pending rezoning approval

NOTE: Both Carmel Church Station (11,019 Approved Lots) and Haymount (4,000 Approved Lots) have been approved for more than a decade with no development to date.

Survival Ratios – measure change grade to grade, year by year

from	to	birth -> K	K->1	1->2	2->3	3->4	4->5	5->6	6->7	7->8	8->9	9->10	10->11	11->12
2014	2015	96.1%	97.5%	98.3%	99.2%	98.8%	95.5%	93.8%	101.0%	97.7%	106.9%	88.5%	88.4%	106.3%
2015	2016	94.7%	96.8%	95.8%	100.6%	91.5%	99.7%	92.1%	101.9%	96.8%	107.1%	89.0%	87.3%	104.7%
2016	2017	84.6%	94.9%	98.5%	99.1%	95.9%	101.2%	98.8%	99.7%	96.9%	102.0%	92.7%	90.8%	100.7%
2017	2018	81.3%	99.4%	99.4%	96.7%	98.5%	97.9%	93.3%	98.1%	98.7%	108.2%	95.5%	89.1%	96.5%
2018	2019	89.4%	133.7%	97.9%	73.3%	99.4%	98.5%	98.8%	100.7%	100.6%	112.0%	86.0%	84.9%	102.3%
2019	2020	83.6%	92.4%	69.6%	93.1%	134.9%	97.2%	94.2%	97.2%	99.4%	103.8%	93.3%	92.2%	105.1%
2020	2021	81.5%	98.1%	98.8%	101.9%	107.7%	97.7%	104.5%	102.6%	106.1%	109.4%	94.5%	91.3%	103.3%
2021	2022	100.3%	104.2%	102.2%	101.9%	105.0%	100.6%	97.4%	97.5%	102.5%	107.6%	96.4%	89.9%	100.3%
2022	2023	94.3%	103.2%	104.9%	105.0%	98.5%	101.8%	102.2%	98.5%	108.5%	113.2%	92.4%	87.7%	107.6%
	average	89.53%	102.253%	96.16%	96.7%	103.36%	98.9%	97.2%	99.7%	100.8%	107.813%	92.038%	89.069%	102.997%
	standard deviation	6.670%	11.662%	9.702%	8.881%	11.992%	1.958%	4.009%	1.842%	3.908%	3.357%	3.309%	2.133%	3.245%



Enrollment Projections – increase of 816 students (18%)

Caroline County Public Schools
Projected Enrollment - Moderate

Grade	2023-24 Actual	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	Difference
Pre-K	244	224	236	244	239	241	244	249	252	255	259	15
K	347	316	335	344	337	342	347	352	356	362	367	20
1	352	362	329	348	358	351	356	361	365	370	377	25
2	342	366	375	339	361	370	363	368	374	379	384	42
3	338	356	378	390	352	374	384	376	381	386	393	55
4	323	345	363	385	397	359	382	391	383	389	394	71
5	340	330	353	370	393	403	366	388	398	390	397	57
6	330	340	327	352	369	393	402	364	387	397	389	59
7	326	332	342	329	354	370	395	404	366	388	398	72
8	344	344	350	361	347	373	391	417	426	386	410	66
9	368	380	380	387	398	383	412	431	460	470	426	58
10	328	344	355	355	360	371	357	384	402	429	438	110
11	284	292	305	315	315	320	330	317	342	357	381	97
12	298	292	300	314	324	324	329	339	326	351	367	69
Pre-K - 12 Total	4,564	4,623	4,728	4,833	4,904	4,974	5,058	5,141	5,218	5,309	5,380	816

Source: FutureThink

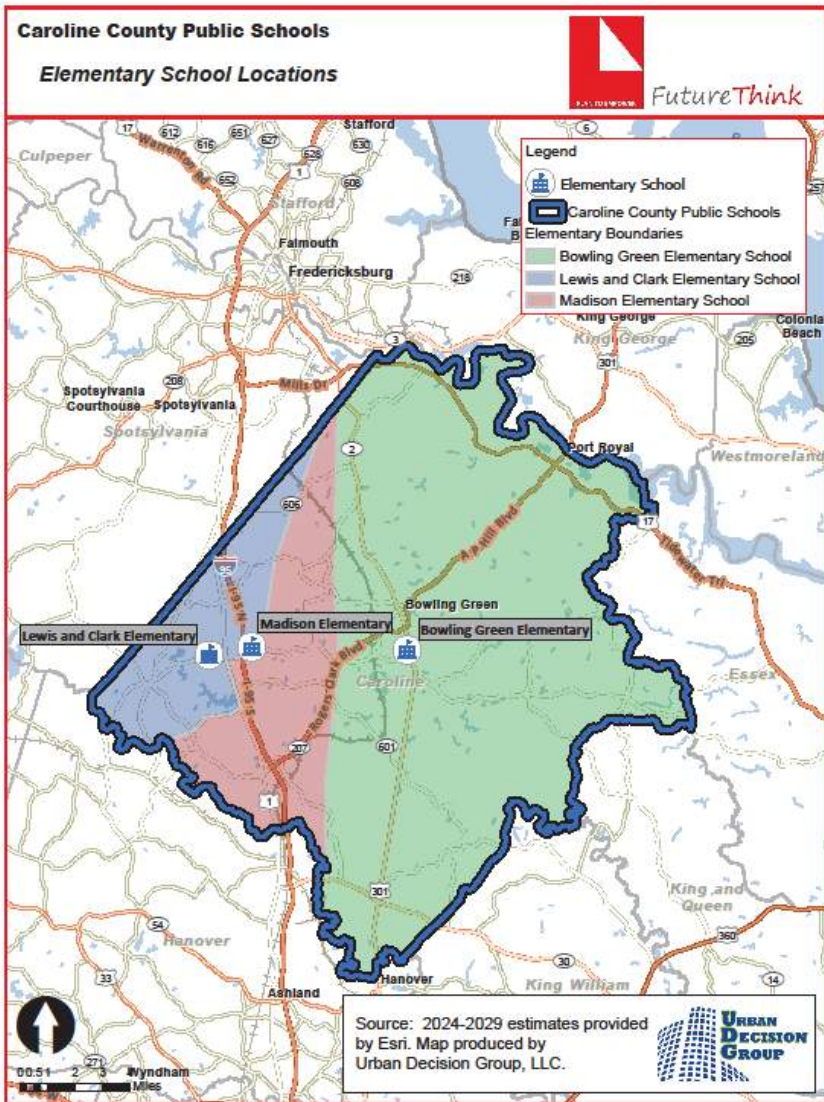
Projections by grade group
-285 in Elementary School
-197 in Middle School
-334 in High School

**Caroline County Public Schools
 Projected Enrollment by Grade Group**

Grade	2023-24 Actual	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	Difference
Pre-K - 5	2,286	2,299	2,369	2,420	2,437	2,440	2,442	2,485	2,509	2,531	2,571	285
6 - 8	1,000	1,016	1,019	1,042	1,070	1,136	1,188	1,185	1,179	1,171	1,197	197
9 - 12	1,278	1,308	1,340	1,371	1,397	1,398	1,428	1,471	1,530	1,607	1,612	334
Pre-K - 12 Total	4,564	4,623	4,728	4,833	4,904	4,974	5,058	5,141	5,218	5,309	5,380	816

Source: FutureThink

Enrollment Projections by Elementary School



Bowling Green Elementary School
Projected Enrollment

Grade	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
Pre-K	87	92	95	93	94	95	97	98	99	101
K	111	118	121	118	120	122	124	125	127	129
1	122	113	119	123	120	122	124	125	127	129
2	135	127	117	125	128	125	127	129	131	133
3	109	138	131	120	128	131	128	130	132	134
4	133	109	138	131	120	128	131	128	130	132
5	122	139	114	144	136	125	133	136	134	136
Total	819	836	835	854	846	848	864	871	880	894

Source: FutureThink

Lewis and Clark Elementary School
Projected Enrollment

Grade	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
Pre-K	79	83	86	84	85	86	88	89	90	91
K	130	138	142	139	141	143	145	147	149	151
1	159	141	150	154	151	153	155	157	159	162
2	156	165	146	155	159	156	158	161	163	165
3	176	162	172	152	162	166	163	165	167	170
4	150	179	165	175	155	165	169	166	168	170
5	141	152	181	167	176	157	166	171	167	170
Total	991	1,020	1,042	1,026	1,029	1,026	1,044	1,056	1,063	1,079

Source: FutureThink

Madison Elementary School
Projected Enrollment

Grade	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
Pre-K	58	61	63	62	62	63	64	65	66	67
K	75	79	81	80	81	82	83	84	86	87
1	81	75	79	81	80	81	82	83	84	86
2	75	83	76	81	83	82	83	84	85	86
3	71	78	87	80	84	87	85	86	87	89
4	62	75	82	91	84	89	91	89	91	92
5	67	62	75	82	91	84	89	91	89	91
Total	489	513	543	557	565	568	577	582	588	598

Source: FutureThink

Enrollment Projections by Middle School

Grade	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
6	340	327	352	369	393	402	364	387	397	389
7	332	342	329	354	370	395	404	366	388	398
8	344	350	361	347	373	391	417	426	386	410
Total	1,016	1,019	1,042	1,070	1,136	1,188	1,185	1,179	1,171	1,197

Source: FutureThink

Enrollment Projections by High School

Grade	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34
9	380	380	387	398	383	412	431	460	470	426
10	344	355	355	360	371	357	384	402	429	438
11	292	305	315	315	320	330	317	342	357	381
12	292	300	314	324	324	329	339	326	351	367
Total	1,308	1,340	1,371	1,397	1,398	1,428	1,471	1,530	1,607	1,612

Source: FutureThink

Enrollment Projections (Low) – increase of 154 students (3%)

Caroline County Public Schools
Projected Enrollment - Low

Grade	2023-24 Actual	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	Difference
Pre-K	244	209	222	228	224	227	230	233	237	240	243	-1
K	347	298	316	324	318	322	327	332	336	341	345	-2
1	352	354	303	322	330	324	328	333	338	342	347	-5
2	342	360	361	309	328	337	330	335	340	344	349	7
3	338	352	370	371	318	338	347	340	345	349	354	16
4	323	345	359	377	378	324	344	353	346	351	356	33
5	340	321	342	356	374	375	321	341	350	343	348	8
6	330	335	315	336	350	367	369	316	335	344	337	7
7	326	324	328	309	329	343	360	361	309	328	337	11
8	344	341	338	342	322	343	358	375	377	323	343	-1
9	368	369	365	362	367	346	368	383	402	404	346	-22
10	328	340	341	337	335	339	319	340	354	372	373	45
11	284	288	299	300	296	294	297	280	299	311	326	42
12	298	288	292	302	303	299	297	301	284	302	314	16
Pre-K - 12 Total	4,564	4,524	4,551	4,575	4,572	4,578	4,595	4,623	4,652	4,694	4,718	154

Source: FutureThink

Enrollment Projections (High) – increase of 1,271 students (28%)

Caroline County Public Schools
Projected Enrollment - High

Grade	2023-24 Actual	2024-25	2025-26	2026-27	2027-28	2028-29	2029-30	2030-31	2031-32	2032-33	2033-34	Difference
Pre-K	244	228	242	249	244	247	251	254	258	261	265	21
K	347	324	345	354	347	352	357	362	367	372	377	30
1	352	362	338	359	368	361	366	372	377	382	387	35
2	342	370	380	355	377	386	379	384	390	395	401	59
3	338	360	388	399	372	395	406	398	403	409	415	77
4	323	351	373	403	413	386	410	421	412	418	424	101
5	340	329	357	380	410	421	393	417	428	420	426	86
6	330	345	334	362	385	415	426	398	423	434	425	95
7	326	336	350	339	368	391	422	433	404	429	441	115
8	344	350	360	376	364	395	419	452	465	434	461	117
9	368	383	390	401	418	405	439	466	504	517	483	115
10	328	348	362	368	378	395	382	415	440	475	488	160
11	284	296	313	326	331	340	355	344	373	396	428	144
12	298	297	308	327	340	346	355	371	359	389	414	116
Pre-K - 12 Total	4,564	4,679	4,840	4,998	5,115	5,235	5,360	5,487	5,603	5,731	5,835	1,271

Source: FutureThink

Thank You!