

Population Trends in Bowling Green, Caroline County, and the State of Virginia

	Bowling Green		Caroline County		State of Virginia	
	Population	Average Annual % Change	Population	Average Annual % Change	Population	Average Annual % Change
1950	616	—	12471	—	3318680	—
1960	528	-1.40%	12725	0.20%	3966949	2.00%
1970	528	0.00%	13925	0.90%	4651448	1.70%
1980	669	2.70%	17904	2.90%	5346797	1.50%
1990	727	0.90%	19217	0.70%	6189197	1.60%
2000	936	2.90%	22121	1.50%	7078515	1.40%
2010	1111	1.87%	28545	2.90%	8001024	1.30%
2020	1168	0.51%	30887	0.82%	8631393	0.79%

Source: U.S. Census Bureau, ACS 5-Year Estimates

Bowling Green's Population as a Percentage of Caroline County's Population

Year	Percentage of Population
1950	4.9%
1960	4.1%
1970	3.8%
1980	3.7%
1990	3.8%
2000	4.2%
2010	3.9%
2020	3.8%

Source: U.S. Census Bureau, ACS 5-Year Estimates

Age Composition by Sex in Bowling Green, 1990, 2000, 2010, 2020

	1990		2000		2010		2020		Age Group as a Percentage of Overall Population			
Age	Male	Female	Male	Female	Male	Female	Male	Female	1990	2000	2010	2020
0–4	24	25	20	29	23	24	13	16	6.70%	5.20%	4.70%	2.10%
5–9	21	22	19	27	15	7	26	68	5.90%	4.90%	2.20%	6.90%
10–14	25	22	23	24	6	38	68	74	6.50%	5.00%	4.40%	10.40%
15–19	15	19	14	19	29	0	38	44	4.70%	3.50%	2.90%	6.00%
20–24	27	23	16	22	36	37	13	21	6.90%	4.10%	7.40%	2.50%
25–34	63	53	48	52	43	60	45	120	16.00%	10.70%	10.40%	12.00%
35–44	39	43	60	52	45	54	114	85	11.30%	12.00%	10.00%	14.70%
45–54	33	34	48	57	47	25	53	95	9.20%	11.20%	7.20%	10.80%
55–64	27	29	47	51	60	63	91	93	7.70%	10.50%	12.40%	13.40%
65–74	22	43	34	57	41	141	55	66	8.90%	9.70%	18.40%	8.90%
75–84	26	65	38	88	39	51	53	49	12.50%	13.50%	9.10%	7.50%
85+	3	24	17	74	64	44	20	47	3.70%	9.70%	10.90%	4.90%
Total	325	402	384	552	448	544	590	777	100.00%	100.00%	100.00%	100.00%

Source: U.S. Census Bureau, ACS 5-Year Estimates

Educational Attainment in Bowling Green, Caroline County, and the State of Virginia Calendar Year 2026

Educational Attainment*	Bowling Green	Caroline County	Virginia
Less than 9th Grade	1.7%	5.4%	3.9%
9th to 12th Grade, No Diploma	4.8%	9.6%	6.3%
High School Graduate	44.8%	38.9%	23.7%
Some College, No Degree	17.1%	21.4%	18.9%
Associates Degree	7.6%	8.1%	7.2%
Bachelors Degree	17.9%	11.3%	25.6%
Graduate or Professional Degree	6.1%	5.3%	14.4%
Total	100.00%	100.00%	100.00%

Source: U.S. Census Bureau, ACS 5-Year Estimates

Racial Composition in Bowling Green, Caroline County, and the State of Virginia

Race	Bowling Green	Caroline County	Virginia
1990			
White	72.6%	60.7%	77.4%
Black	26.8%	37.7%	18.8%
American Indian, Eskimo, or Aleut.	0.0%	1.1%	0.3%
Asian or Pacific Islander	0.3%	0.3%	2.6%
Other Race	0.3%	0.2%	0.9%
2000			
White	80.1%	62.6%	72.3%
Black	18.4%	34.4%	19.6%
American Indian, Eskimo, or Aleut.	0.5%	0.8%	0.3%
Asian or Pacific Islander	0.0%	0.4%	3.8%
Other Race	0.3%	0.0%	2.0%
2010			
White	74.3%	63.5%	73.0%
Black	33.4%	39.2%	19.4%
American Indian, Eskimo, or Aleut.	0.6%	0.7%	0.5%
Asian or Pacific Islander	2.1%	1.4%	5.8%
Other Race	1.3%	1.5%	2.8%
2020			
White	67.8%	59.9%	66.3%
Black	37.4%	38.8%	22.5%

American Indian, Eskimo, or Aleut.	0.7%	0.8%	0.6%
Asian or Pacific Islander	2.9%	2.0%	6.8%
Other Race	1.2%	1.6%	3.8%

Source: U.S. Census Bureau, ACS 5-Year Estimates

Population Projections 1, Based on 6% Increase per Decade

Year	Population	Percent Increase
2000	936	—
2010	992	6.00%
2020	1052	6.00%
2030	1115	6.00%
2040	1182	6.00%
2050	1253	6.00%

Source: U.S. Census Bureau, ACS 5-Year Estimates

Population Projections 2, Based on 12% Increase per Decade

Year	Population	Percent Increase
2000	936	—
2010	1048	12.00%
2020	1174	12.00%
2030	1315	12.00%
2040	1473	12.00%
2050	1650	12.00%

Source: U.S. Census Bureau, ACS 5-Year Estimates

Population Projections 3, Based on Future Land Use

Year	Population	Percent Increase
2000	936	—
2010	1100	17.50%
2020	1700	54.50%
2030	2300	35.30%

Source: Town of Bowling Green

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WITH FUTURE LAND
USE INFORMATION

Housing Trends in Bowling Green, Caroline County, and the State of Virginia

Timeframe	Bowling Green Housing Units		Caroline County Housing Units		Virginia Housing Units	
Year	Total	Occupied	Total	Occupied	Total	Occupied
2000		425	387	8,889	8,021	2,904,192
2010		474	409	11,729	10,728	3,364,939
2020		497	463	12,415	10,937	3,618,247

Source: U.S. Census Bureau, ACS 5-Year Estimates

Persons Per Household, 2000-2020

Location	2000	2010	2020
Bowling Green	2.1	2.3	2.49
Caroline County	2.69	2.59	2.63
Virginia	2.54	2.54	2.54

Source: U.S. Census Bureau, ACS 5-Year Estimates

Owner Occupied and Rental Housing Units, 2000-2020

Timeframe	Bowling Green		Caroline County		Virginia	
	Owner	Renter	Owner	Renter	Owner	Renter
Number of Owner-Occupied and Rental Housing Units						
2000	223	164	6,571	1,450	1,837,939	861,234
2010	260	180	8,503	1,953	2,055,186	1,000,872
2020	263	188	9,275	2,171	2,154,112	1,167,106
Percentage of Owner and Rental Housing Units						
2000	57.60%	42.40%	81.90%	18.10%	68.10%	31.90%
2010	59.10%	40.90%	81.30%	18.70%	67.20%	32.80%
2020	58.30%	41.70%	81.00%	19.00%	64.90%	35.10%
Percent Change						
2000–2010	16.60%	9.80%	29.40%	34.70%	11.80%	16.20%
2010–2020	1.20%	4.40%	9.10%	11.20%	4.80%	16.60%

Source: U.S. Census Bureau, ACS 5-Year Estimates

Owner Occupied and Rental Housing Units, 2000-2020

Year	Owner-Occupied Housing Units	Renter-Occupied Housing Units	Total Occupied Housing Units
2000	223	164	387
2010	260	180	440
2020	263	188	451

Source: U.S. Census Bureau, ACS 5-Year Estimates

Housing Composition, 2020

Housing Type	Bowling Green #	Bowling Green %	Caroline County #	Caroline County %	Virginia #	Virginia %
Total Housing Units	565 -		12,322 -		3,537,788 -	
Single Family	451	79.80%	11,030	89.50%	2,576,551	72.80%
2-4 Units Per Structure	96	17.00%	118	1.00%	153,187	4.30%
5 or More Units	15	2.70%	100	0.80%	633,357	17.90%
Manufactured Housing	3	0.50%	1,060	8.60%	173,451	4.90%

Source: U.S. Census Bureau, ACS 5-Year Estimates

Housing Quality Characteristics (Percentage of Occupied Units), 2020

Housing Quality Characteristic	Bowling Green	Caroline County	Virginia
Lacking Complete Plumbing Facilities	0.00%	0.10%	0.30%
Lacking Complete Kitchen Facilities	2.90%	0.40%	0.60%
1.01 persons or more per room	3.20%	1.30%	2.30%

Source: U.S. Census Bureau, ACS 5-Year Estimates

Year Structure Built

Year Structure Built	Bowling Green	Caroline County	Virginia
2000 or later	25.20%	39.60%	28.30%
1940–1999	64.10%	55.50%	64.70%
1939 or earlier	10.70%	5.00%	6.90%

Source: U.S. Census Bureau, ACS 5-Year Estimates

Housing Cost, 2000-2020

	Bowling Green	Caroline County	Virginia
Median Gross Rent			
2000	\$525	\$587	\$650
2020 ACS 5-Year	\$939	\$961	\$1,257
Change 2000–2020	78.90%	63.70%	93.40%
Median Value, Owner-Occupied Housing			
2000	\$120,000	\$88,900	\$125,400
2020 ACS 5-Year	\$222,400	\$218,000	\$282,800
Change 2000–2020	85.30%	145.20%	125.50%

Source: U.S. Census Bureau, ACS 5-Year Estimates

Employment by Type, 2020

Occupations	Bowling Green #	Bowling Green %	Caroline County #	Caroline County %	Virginia #	Virginia %
Management, business, science, and arts	181	39.30%	4,895	33.00%	1,930,076	46.40%
Service	64	13.90%	2,035	13.70%	632,972	15.20%
Sales and office	108	23.40%	3,320	22.40%	803,498	19.30%
Natural resources, construction, and maintenance	65	14.10%	2,000	13.50%	341,944	8.20%
Production, transportation, and material moving	43	9.30%	2,588	17.40%	454,755	10.90%
Civilian employed population 16 years and over	461	100.00%	14,838	100.00%	4,163,245	100.00%

Source: U.S. Census Bureau, ACS 5-Year Estimates

Note: ACS S2401 now groups the former “Farming, fishing, & forestry” and “Construction, extraction, & maintenance” categories into Natural resources, construction, and maintenance occupations.

Labor Force and Unemployment Trends, 2010-2020

Year	Caroline County	GWRC	Virginia
Civilian Labor Force			
2010	14,314	165,378	4,156,228
2011	14,392	167,920	4,192,637
2012	14,453	169,021	4,212,221
2013	14,578	170,598	4,238,414
2014	14,809	171,790	4,256,191
2015	14,772	171,077	4,228,912
2016	14,512	180,753	4,251,531
2017	14,781	185,283	4,326,559
2018	14,929	188,746	4,352,465
2019	15,212	193,291	4,404,760
2020	14,949	191,184	4,331,844
Employment			
2010	13,014	154,006	3,872,674
2011	13,157	156,984	3,928,933
2012	13,371	158,920	3,967,373
2013	13,579	160,824	4,003,905
2014	13,922	162,629	4,040,771
2015	14,034	163,238	4,044,175
2016	13,862	173,678	4,081,183
2017	14,150	178,725	4,169,561
2018	14,402	183,189	4,222,546
2019	14,733	188,029	4,283,473
2020	13,910	180,031	4,051,401
Unemployment Rate			
2010	9.10%	6.90%	6.80%
2011	8.60%	6.50%	6.30%
2012	7.50%	6.00%	5.80%
2013	6.90%	5.70%	5.50%
2014	6.00%	5.30%	5.10%
2015	5.00%	4.60%	4.40%
2016	4.50%	3.90%	4.00%
2017	4.30%	3.50%	3.60%
2018	3.50%	2.90%	3.00%
2019	3.10%	2.70%	2.80%
2020	7.00%	5.80%	6.50%

Source: Virginia Works, Local Area Unemployment Statistics Annual data 2016-2026

Note: I am unsure of how to create this table using ACS data, I believe virginia works is the authority on this information

Median Household Income, 2020

Locality	Median Household Income	% of Virginia Household Income
Bowling Green	\$69,318	90.70%
Caroline County	\$67,901	88.90%
King George County	\$96,711	126.60%
Spotsylvania County	\$90,913	119.00%
Stafford County	\$112,247	146.90%
Fredericksburg	\$69,528	91.00%
Virginia	\$76,398	100.00%

Source: U.S. Census Bureau, ACS 5-Year Estimates

Note: The “% of Virginia Household Income” column was calculated by dividing each locality’s median household income by Virginia’s 2020 ACS 5-Year median household income of \$76,398.

Household Income by Income Range, 2020

Income	Bowling Green # of HH's	Bowling Green %	Caroline County # of HH's	Caroline County %	Virginia # of HH's	Virginia %
Less than \$10,000	25	4.80%	430	3.90%	151,739	4.80%
\$10,000 to \$14,999	14	2.70%	207	1.90%	103,516	3.30%
\$15,000 to \$24,999	36	6.90%	679	6.20%	221,834	7.00%
\$25,000 to \$34,999	89	17.20%	588	5.40%	227,036	7.10%
\$35,000 to \$49,999	36	6.90%	1,766	16.10%	342,619	10.80%
\$50,000 to \$74,999	110	21.20%	2,333	21.30%	518,677	16.30%
\$75,000 to \$99,999	86	16.60%	1,575	14.30%	411,580	12.90%
\$100,000 to \$149,999	61	11.80%	1,889	17.20%	548,694	17.20%
\$150,000 or more	61	11.80%	1,511	13.80%	658,426	20.70%
Total Households	518	100.00%	10,978	100.00%	3,184,121	100.00%

Source: U.S. Census Bureau, ACS 5-Year Estimates

Taxable Sales in Caroline County, 2010 and 2020

NAICS	Business Classification	2010 # of Registered Dealers	2010 Taxable Sales	2020 # of Registered Dealers	2020 Taxable Sales
	0 No NAICS Information or Unkr	20	\$3,346,736	12	\$837,712
	111 Crop Production	6	\$841,838	8	\$483,713
	112 Animal Production	7	\$89,180	8	\$317,079
	311 Food Manufacturing —	—		7	\$8,644
	321 Wood Product Manufacturing	7	\$547,654	7	\$641,387
	323 Printing and Related Support / —	—		6	\$15,686
	327 Nonmetallic Mineral Product I —	—		5	\$8,745,484
	339 Miscellaneous Manufacturing —	—		11	\$135,571
	423 Merchant Wholesalers, Durab	16	\$1,889,599	23	\$3,824,967
	424 Merchant Wholesalers, Nondi	6	\$643,765	14	\$1,258,073
	441 Motor Vehicle and Parts Deale	8	\$1,203,841	9	\$2,596,662
	442 Furniture and Home Furnishin	8	\$263,747	8	\$159,069
	444 Building Material and Garden	9	\$2,484,991	9	\$3,074,079
	445 Food and Beverage Stores, inc	25	\$33,433,063	32	\$42,045,722
	446 Health and Personal Care Sto	7	\$1,261,564	7	\$1,430,300
	447 Gasoline Stations	13	\$17,385,483	16	\$32,559,414
	448 Clothing and Clothing Access	9	\$35,611	25	\$36,076
	451 Sporting Goods, Hobby, Book	17	\$508,269	25	\$827,967
	452 General Merchandise Stores	10	\$4,269,591	14	\$7,869,554
	453 Miscellaneous Store Retailers	56	\$1,896,578	38	\$3,659,023
	454 Nonstore Retailers	38	\$3,958,527	54	\$5,459,129
	517 Telecommunications —	—		6	\$268,139
	531 Real Estate —	—		6	\$400,595
	532 Rental and Leasing Services	21	\$449,692	9	\$299,513
	541 Professional, Scientific, and T	14	\$245,941	26	\$402,976
	561 Administrative and Support Se	6	\$211,979	8	\$119,131
	713 Amusement, Gambling, and R —	—		5	\$373,386
	721 Accommodation	13	\$3,798,511	12	\$2,490,630
	722 Food Services and Drinking Pl	35	\$16,309,754	49	\$21,683,458
	811 Repair and Maintenance	20	\$1,861,733	22	\$4,031,732
	812 Personal and Laundry Service	12	\$1,012,894	15	\$1,811,518
—	Caroline Total	383	\$97,950,541	496	\$147,866,389
—	Miscellaneous and Unidentif	62	\$14,575,016	70	\$7,127,607
—	Total	445	\$112,525,557	566	\$154,993,996

Source: U.S. Census Bureau, ACS 5-Year Estimates

Caroline County Commuting Patterns, 2020

Into	From	Number	From	Into	Number
Caroline	Spotsylvania	692	Caroline	Spotsylvania	2,253
Caroline	Henrico	466	Caroline	Hanover	1,447
Caroline	Hanover	386	Caroline	Henrico	1,400
Caroline	King William	191	Caroline	Stafford	836
Caroline	Essex	133	Caroline	Fredericksburg	798
Caroline	Stafford	71	Caroline	Richmond	793
Caroline	Fredericksburg	71	Caroline	Prince William	521
Caroline	Louisa	65	Caroline	Albemarle	260
Caroline	Richmond	50	Caroline	Chesterfield	232
Caroline	King George	49	Caroline	Fairfax	213
Caroline	Prince George	46	Caroline	King George	200
Caroline	Reside Elsewhere	272	Caroline	Work Elsewhere	1,262
Total		2,492	Total		10,215

Source: U.S. Census Bureau, 2016–2020 ACS 5-Year Commuting Flows