

**Table 3-1
Population Change 1960 - 1990**

	1960	1970	1980	1990	% Change		
					1960-1970	1970-1980	1980-1990
Caroline County	12,725	13,925	17,904	19,217	9.4	28.6	7.3
RADCO Region	64,302	77,425	118,674	170,410	20.4	53.3	43.6
Virginia	3,966,949	4,648,494	5,346,818	6,187,358	17.2	15.0	15.7
Caroline as Percent of Region	19.8	18.0	15.1	11.3			

Source: U.S. Census 1960, 1970, 1980, 1990

**Table 3-2
Population 1970 - 1990**

Locality	Change From 1970 - 1980				Change From 1980 - 1990				Change From 1970-1990	
	1970	1980	Number	Percent	1980	1990	Number	Percent	Number	Percent
Caroline	13,925	17,904	3,979	28.6%	17,904	19,217	1,313	7.3%	5,292	38.0%
King George	8,039	10,543	2,504	31.1%	10,543	13,527	2,984	28.3%	5,488	68.3%
Spotsylvania	16,424	34,435	18,011	109.7%	34,435	57,403	22,968	66.7%	40,979	249.5%
Stafford	24,587	40,470	15,883	64.6%	40,470	61,236	20,766	51.3%	36,649	149.1%
Fredericksburg	14,450	15,322	872	6.0%	15,322	19,027	3,705	24.2%	4,577	31.7%
Region	77,425	118,674	41,249	53.3%	118,674	170,410	51,736	43.6%	92,985	120.1%
Essex	7,099	8,864	1,765	24.9%	8,864	8,689	-175	-2.0%	1,590	22.4%
King and Queen	5,491	5,968	477	8.7%	5,968	6,289	321	5.4%	798	14.5%
King William	7,497	9,334	1,837	24.5%	9,334	10,913	1,579	17.0%	3,416	45.6%
Hanover	37,479	50,398	12,919	34.5%	50,398	63,306	12,908	25.6%	25,827	68.9%
Study Area	134,991	193,238	58,247	43.1%	193,238	259,607	66,544	34.4%	124,616	92.3%
Virginia	4,648,494	5,346,818	698,324	15.0%	5,346,818	6,187,358	840,540	15.7%	1,538,864	33.1%

Source: U.S. Census 1970, 1980, 1990

**Table 3-3
Caroline County
Population Change by Magisterial District - 1970 to 1990**

	1970	1980	1990
Caroline County	13,925	17,904	19,217
% Change since prior Census		28.6	7.3
Bowling Green District	4,447	5,237	4,365
% Change since prior Census		17.8	-16.6
% of County population	31.9	29.3	22.7
Madison District	3,802	5,894	5,689
% Change since prior Census		55.0	-3.5
% of County population	27.3	32.9	29.6
Port Royal District	2,161	2,612	4,479
% Change since prior Census		20.9	71.5
% of County population	15.5	14.6	23.3
Reedy Church District	3,515	4,161	4,684
% Change since prior Census		18.4	12.6
% of County population	25.2	23.2	24.4

Source: U.S. Census 1970, 1980, 1990

**Table 3-4
Caroline County
Population Change by Magisterial District - 1980 to 1990
Using 1980 Boundaries**

Magisterial District	1980	1990	% Change
Bowling Green	5,237	5,069	-3.2%
Madison	5,894	6,785	15.1%
Port Royal	2,612	2,783	6.5%
Reedy Church	4,161	4,580	10.1%

Source: U.S. Census 1980 & 1990; RADCO

**Table 3-5
Population Age Distribution for Study Area Localities - 1970 to 1990**

Age	Year	Caroline		King George		Spotsylvania		Stafford		Fredericksburg		RADCO	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under 5	1970	1,401	10.1%	719	8.9%	1,510	9.2%	2,359	9.6%	992	6.9%	6,981	9.0%
	1980	1,339	7.5%	832	7.9%	3,112	9.0%	3,226	8.0%	760	5.0%	9,269	7.8%
	1990	1,431	7.4%	1,143	8.4%	5,050	8.8%	5,154	8.4%	1,264	6.6%	14,042	8.2%
5-9	1970	1,514	10.9%	859	10.7%	1,781	10.8%	2,651	10.8%	923	6.4%	7,728	10.0%
	1980	1,452	8.1%	902	8.6%	3,399	9.9%	3,656	9.0%	817	5.3%	10,226	8.6%
	1990	1,401	7.3%	1,071	7.9%	4,989	8.7%	5,161	8.4%	960	5.0%	13,582	8.0%
10-18	1970	2,662	19.1%	1,452	18.1%	3,142	19.1%	4,336	17.6%	2,320	16.1%	13,912	18.0%
	1980	3,135	17.5%	1,883	17.9%	6,043	17.5%	7,209	17.8%	2,035	13.3%	20,305	17.1%
	1990	2,452	12.8%	1,749	12.9%	8,200	14.3%	8,648	14.1%	1,825	9.6%	22,874	13.4%
19-24	1970	1,251	9.0%	733	9.1%	1,291	7.9%	3,517	14.3%	2,610	18.1%	9,402	12.1%
	1980	1,897	10.6%	902	8.6%	2,967	8.6%	4,240	10.5%	2,850	18.6%	12,856	10.8%
	1990	1,639	8.5%	1,152	8.5%	4,326	7.5%	6,032	9.9%	3,918	20.6%	17,067	10.0%
25-34	1970	1,652	11.9%	1,060	13.2%	2,069	12.6%	3,400	13.8%	1,546	10.7%	9,727	12.6%
	1980	2,741	15.3%	1,733	16.4%	6,614	19.2%	7,268	18.0%	2,261	14.8%	20,617	17.4%
	1990	3,287	17.1%	2,574	19.0%	10,802	18.8%	11,198	18.3%	3,393	17.8%	31,254	18.3%
35-59	1970	3,617	26.0%	2,188	27.2%	4,570	27.8%	6,248	25.4%	3,771	26.1%	20,394	26.3%
	1980	4,785	26.7%	2,987	28.3%	8,852	25.7%	11,530	28.5%	3,597	23.5%	31,751	26.8%
	1990	5,853	30.5%	4,084	30.2%	18,019	31.4%	19,776	32.3%	4,371	23.0%	52,103	30.6%
60-64	1970	561	4.0%	331	4.1%	627	3.8%	705	2.9%	683	4.7%	2,907	3.8%
	1980	775	4.3%	429	4.1%	1,188	3.4%	1,112	2.7%	757	4.7%	4,261	3.6%
	1990	882	4.6%	492	3.6%	1,808	3.1%	1,640	2.7%	702	3.7%	5,524	3.2%
65 & Over	1970	1,267	9.1%	697	8.7%	1,434	8.7%	1,371	5.5%	1,605	11.1%	6,374	8.2%
	1980	1,780	9.9%	875	8.3%	2,260	6.6%	2,229	5.5%	2,245	14.7%	9,389	7.9%
	1990	2,272	11.8%	1,262	9.3%	4,209	7.3%	3,627	5.9%	2,594	13.6%	13,964	8.2%
Total	1970	13,925		8,039		16,424		24,587		14,450		77,425	
	1980	17,904		10,543		34,435		40,470		15,322		118,674	
	1990	19,217		13,527		57,403		61,236		19,027		170,410	

Age	Year	Essex		King and Queen		King William		Hanover		Study Area	
		Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Under 5	1970	618	8.7%	485	8.8%	667	8.9%	3,008	8.0%	11,759	8.7%
	1980	568	6.4%	434	7.3%	652	7.0%	3,158	6.3%	14,081	7.3%
	1990	514	5.9%	459	7.3%	811	7.4%	4,371	6.9%	20,197	7.8%
5-9	1970	718	10.1%	515	9.4%	808	10.7%	3,864	10.3%	13,627	10.1%
	1980	592	6.7%	411	6.9%	707	7.6%	3,683	7.3%	15,619	8.1%
	1990	577	6.6%	420	6.7%	844	7.7%	4,546	7.2%	19,969	7.7%
10-18	1970	1,320	18.6%	990	18.0%	1,402	18.7%	7,388	19.7%	25,012	18.5%
	1980	1,471	16.6%	887	14.9%	1,593	17.1%	8,712	17.3%	31,968	16.5%
	1990	1,058	12.2%	785	12.5%	1,411	12.9%	7,859	12.4%	33,987	13.1%
19-24	1970	554	7.8%	453	8.2%	531	7.1%	3,191	8.5%	14,131	10.5%
	1980	764	8.6%	556	9.3%	792	8.5%	4,834	9.6%	19,802	10.2%
	1990	604	7.0%	501	8.0%	775	7.1%	5,152	8.1%	24,099	9.3%
25-34	1970	787	11.1%	570	10.4%	851	11.4%	4,759	12.7%	16,694	12.4%
	1980	1,323	14.9%	879	14.7%	1,522	16.3%	7,804	15.5%	32,145	16.6%
	1990	1,271	14.6%	953	15.2%	1,775	16.3%	10,312	16.3%	45,565	17.6%
35-59	1970	1,942	27.4%	1,560	28.4%	2,151	28.7%	10,970	29.3%	37,017	27.4%
	1980	2,304	26.0%	1,645	27.6%	2,570	27.5%	15,654	31.1%	53,924	27.9%
	1990	2,611	30.0%	1,886	30.0%	3,474	31.8%	21,603	34.1%	81,677	31.5%
60-64	1970	356	5.0%	261	4.8%	339	4.5%	1,416	3.8%	5,279	3.9%
	1980	459	5.2%	329	5.5%	428	4.6%	2,042	4.1%	7,519	3.9%
	1990	503	5.8%	335	5.3%	443	4.1%	2,754	4.4%	9,559	3.7%
65 & Over	1970	804	11.3%	657	12.0%	754	10.1%	2,883	7.7%	11,472	8.5%
	1980	1,383	15.6%	827	13.9%	1,070	11.5%	4,511	2.7%	17,180	8.9%
	1990	1,551	17.9%	950	15.1%	1,380	12.6%	6,709	10.6%	24,554	9.5%
Total	1970	7,099		5,492		7,497		37,479		134,991	
	1980	8,864		5,968		9,334		50,398		193,238	
	1990	8,689		6,289		10,913		63,306		259,607	

Note: Percentage totals may not add to 100 due to rounding
Source: U.S. Census 1970, 1980, 1990

**Table 3-6
Median Age 1970 - 1990**

Locality	1970	1980	1990	Change 1970-80	Change 1980-90	Change 1970-90
Caroline	25.8	29.1	33.1	3.3	4.0	7.3
King George	27.2	29.4	31.0	2.2	1.6	3.8
Spotsylvania	27.3	27.8	30.9	0.5	3.1	3.6
Stafford	24.1	27.9	29.9	3.8	2.0	5.8
Fredericksburg	27.1	29.8	28.8	2.7	-1.0	1.7
Essex	29.3	32.7	37.6	3.4	4.9	8.3
King & Queen	29.6	32.6	35.3	3.0	2.7	5.7
King William	28.5	31.0	34.1	2.5	3.1	5.6
Hanover	27.7	31.6	34.5	3.9	2.9	6.8
Virginia	26.8	29.8	32.6	3.0	2.8	5.8

Source: U.S. Census 1970, 1980, 1990

**Table 3-7
Racial Composition
RADCO Region 1980 – 1990**

1980

	Caroline		King George		Spotsylvania		Stafford		Fredericksburg		Region	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
White	9,917	55.4%	8,044	76.3%	29,013	84.2%	37,115	91.7%	12,089	78.9%	96,178	81.0%
Black	7,693	43.0%	2,385	22.6%	5,082	14.8%	2,905	7.2%	3,104	20.2%	21,169	17.8%
American Indian	191	1.0%	13	0.1%	66	0.2%	91	0.2%	30	0.2%	391	0.3%
Asian	39	0.2%	69	0.7%	198	0.6%	208	0.5%	57	0.4%	571	0.5%
Other	64	0.4%	32	0.3%	76	0.2%	151	0.4%	42	0.3%	365	0.3%
Total	17,904	100.0%	10,543	100.0%	34,435	100.0%	40,470	100.0%	15,322	100.0%	118,674	99.9%

1990

	Caroline		King George		Spotsylvania		Stafford		Fredericksburg		Region	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
White	11,686	60.8%	10,597	78.3%	50,220	87.5%	55,546	90.7%	14,468	76.0%	142,517	83.7%
Black	7,244	37.7%	2,734	20.2%	6,178	10.8%	4,304	7.0%	4,115	21.6%	24,575	14.4%
American Indian	203	1.0%	37	0.3%	197	0.3%	233	0.4%	27	0.2%	697	0.4%
Asian	49	0.3%	119	0.9%	607	1.0%	746	1.2%	205	1.1%	1,726	1.0%
Other	35	0.2%	40	0.3%	201	0.4%	407	0.7%	212	1.1%	895	0.5%
Total	19,217	100.0%	13,527	100.0%	57,403	100.0%	61,236	100.0%	19,027	100.0%	170,410	100.0%

Source: U.S. Census 1980, 1990

**Table 3-8
Racial Characteristics 1970 - 1990**

Locality Name	1970				1980				1990			
	White	Non-White	Total	Percent Non-White	White	Non-White	Total	Percent Non-White	White	Non-White	Total	Percent Non-White
Caroline	6,659	7,266	13,925	52.2%	9,917	7,987	17,904	44.6%	11,686	7,531	19,217	39.2%
King George	5,885	2,154	8,039	26.8%	8,044	2,499	10,543	23.7%	10,597	2,930	13,527	21.7%
Spotsylvania	12,807	3,617	16,424	22.0%	29,013	5,422	34,435	15.7%	50,220	7,183	57,403	12.5%
Stafford	22,238	2,349	24,587	9.6%	37,115	3,355	40,470	8.3%	55,546	5,690	61,236	9.3%
Fredericksburg	11,896	2,554	14,450	17.7%	12,089	3,233	15,322	21.1%	14,468	4,559	19,027	24.0%
RADCO	59,485	17,940	77,425	23.2%	96,178	22,496	118,674	19.0%	142,517	27,893	170,410	16.4%
Essex	3,893	3,206	7,099	45.2%	5,224	3,640	8,864	41.1%	5,329	3,360	8,689	38.7%
King & Queen	2,654	2,837	5,491	51.7%	3,152	2,816	5,968	47.2%	3,573	2,716	6,289	43.2%
King William	4,194	3,303	7,497	44.1%	5,866	3,468	9,334	37.2%	7,351	3,562	10,913	32.6%
Hanover	30,681	6,798	37,479	18.1%	43,615	6,783	50,398	13.5%	56,440	6,866	63,306	10.8%
Study Area	100,907	34,084	134,991	25.2%	154,035	39,203	193,238	20.3%	215,210	44,397	259,607	17.1%
Virginia	3,761,514	886,980	4,648,494	19.1%	4,229,798	1,117,020	5,346,818	20.9%	4,791,739	1,395,619	6,187,358	22.6%

Source: U.S. Census 1970, 1980, 1990

**Table 3-9
Population Change Factors and Migration Trends 1980-1989**

Locality	Births	Deaths	Natural Increase		Migration		Population Change 1980-1989	
			Number	Percent	Number	Percent	Number	Percent
Caroline	2,790	1,635	1,155	6.4%	158	0.9%	1,313	7.3%
King George	1,870	922	948	9.0%	2,036	19.3%	2,984	28.3%
Spotsylvania	6,779	2,329	4,450	12.9%	18,518	53.8%	22,968	66.7%
Stafford	7,038	2,389	4,649	11.5%	16,117	39.8%	20,766	51.3%
Fredericksburg	2,817	1,838	979	6.4%	2,726	17.8%	3,705	24.2%
RADCO Region	21,294	9,113	12,181	10.3%	39,555	33.3%	51,736	43.6%
Essex	1,163	1,007	156	1.7%	-331	-3.7%	-175	-2.0%
King & Queen	866	723	143	2.4%	178	3.0%	321	5.4%
King William	1,487	926	561	6.0%	1,018	10.9%	1,579	16.9%
Hanover	7,240	4,266	2,974	5.9%	9,934	19.7%	12,908	25.6%
Virginia	855,017	441,212	413,805	7.7%	426,735	8.0%	840,540	15.7%

Source: U.S. Census Vital Statistics Annual Report, 1980-1989, VA Department of Health

**Table 3-10
Residence in 1985**

	Caroline	King George	Spotsylvania	Stafford	Fredericksburg	Essex	King & Queen	King William	Hanover
Persons 5 yrs and over	17,786	12,405	52,426	56,157	17,800	8,175	5,830	10,142	58,890
Lived in same house	11,457 (64.4%)	6,542 (52.7%)	22,490 (42.9%)	24,625 (43.9%)	7,289 (40.9%)	5,323 (65.1%)	4,234 (72.6%)	6,055 (59.7%)	34,344 (58.3%)
Lived in different House in U.S.	6,209	5,687	29,494	30,260	10,263	2,831	1,596	4,038	24,321
Same State	4,955	3,646	20,740	19,257	7,410	2,383	1,382	3,531	20,748
Same County	2,389	1,831	6,775	5,081	2,205	1,511	690	1,379	8,723
Different County	2,566	1,815	13,965	14,176	5,205	872	692	2,152	12,025
Different State	1,254	2,041	8,754	11,003	2,853	448	214	507	3,573
Lived Abroad	120	176	442	1,272	248	21	0	49	225

Source: U.S. Census

**Table 3-11
Educational Attainment 1990**

Educational Level	Caroline	King George	Spotsylvania	Stafford	Fredericksburg	RADCO	Essex	King & Queen	King William	Hanover	Study Area
Total Persons 25 Years and Older	12,350	8,468	34,901	36,273	11,118	103,110	5,937	4,185	7,145	41,385	161,762
Less than 9th grade	2,239	963	3,012	2,437	1,280	9,931	1,000	756	1,153	3,648	16,488
Grade 9 to 12 No diploma	2,855	1,317	5,147	4,495	1,638	15,452	1,095	1,019	1,101	5,671	24,338
High School Graduate	4,286	2,637	11,765	11,887	3,424	33,999	1,863	1,390	2,376	13,892	53,520
Some College, No degree	1,554	1,411	6,439	7,509	1,584	18,497	799	595	1,255	8,102	29,248
Associate degree	396	413	1,916	2,102	294	5,121	206	110	334	2,233	8,004
Bachelor's Degree	731	1,203	4,598	5,451	2,005	13,988	719	224	602	5,448	20,981
Graduate or Professional Degree	289	524	2,024	2,392	893	6,122	255	91	324	2,391	9,183
% High School Graduate or higher	58.8	73.1	76.6	80.9	73.8	75.4	64.7	57.6	68.5	77.5	74.8
% Bachelor's Degree or higher	8.3	20.4	19.0	21.6	26.1	19.5	16.4	7.5	13.0	18.9	18.6

Source: U.S. Census 1990

**Table 3-12
Residential Building Permits Issued 1980 - 1990**

Area	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	Total
Caroline	136	99	105	116	116	102	147	216	240	215	250	1,742
King George	59	65	35	64	85	137	195	205	158	175	204	1,382
Spotsylvania	410	353	343	629	783	1,191	1,316	1,877	1,535	1,506	1,041	10,984
Stafford	488	343	405	514	464	704	897	1,143	1,547	1,689	1,203	9,386
Fredericksburg	4	26	9	50	122	165	315	28	122	8	94	943
RADCO	1,086	886	897	1,373	1,570	2,299	2,870	3,469	3,602	3,593	2,792	24,437
Essex	75	49	60	102	63	67	95	37	95	64	68	775
King & Queen	64	55	60	79	97	80	82	N/A	32	35	47	631
King William	88	41	46	74	78	75	130	118	130	211	166	1,157
Hanover	460	261	322	524	744	1,079	1,471	1,115	1,275	995	836	9,082
Study Area	1,773	1,292	1,385	2,152	2,552	3,600	4,648	4,739	5,134	4,898	3,909	36,082

Source: Virginia Statistical Abstract 1987, 1989, 1992, 1993; RADCO

**Table 3-13
Selected Housing Characteristics - 1980 - 1990**

Locality	Total Housing Units	Owner Occupied	Percent Owner Occupied	Renter Occupied	Vacant	Median Value Specified Owner Occupied Housing Units	Contract Rent Specified Renter Housing Units	Complete Plumbing Facilities	Lacking Complete Plumbing Facilities
Caroline									
1980	6,527	4,568	70.0%	1,153	685	34,500	113	5,428	662
1990	7,292	5,303	72.7%	1,328	661	64,700	288	6,781	511
King George									
1980	3,997	2,604	65.1%	909	418	16,200	159	3,635	296
1990	5,280	3,298	62.5%	1,438	544	90,000	386	5,119	161
Spotsylvania									
1980	11,850	8,789	74.2%	2,071	950	48,700	205	10,996	814
1990	20,483	15,516	75.8%	3,429	1,538	104,000	565	20,158	325
Stafford									
1980	13,271	10,118	76.2%	2,054	952	55,900	212	12,593	531
1990	20,529	15,901	77.5%	3,514	1,114	125,400	538	21,241	288
Fredericksburg									
1980	6,347	2,597	40.9%	3,330	412	48,700	188	6,241	98
1990	8,063	2,779	34.5%	4,671	613	104,900	461	8,029	34
RADCO									
1980	41,992	28,676	68.3%	9,517	3,417	46,800	175	38,893	2,401
1990	61,647	42,797	69.4%	14,380	4,470	97,800	448	61,328	1,319
Hanover									
1980	17,278	13,619	78.8%	2,648	20	52,700	176	16,026	1,232
1990	23,727	18,892	79.6%	3,736	1,099	91,300	423	474	479
Essex									
1980	4,082	2,381	58.3%	659	629	39,600	132	2,963	490
1990	4,073	2,571	63.1%	687	815	68,200	277	248	250

Source: U.S. Census 1990

Table 3-14
Median Family Income 1970 - 1990

Locality	1970		1980		1990		Percent Change 1970-1980	Percent Change 1980-1990	Percent Change 1970-1990
	Median Family Income	% Family Income of Virginia	Median Family Income	% Family Income of Virginia	Median Family Income	% Family Income of Virginia			
Caroline	6,983	77.2%	16,414	82.0%	32,245	84.4%	135.1%	96.4%	361.8%
King George	9,221	101.9%	20,632	103.1%	38,210	100.0%	123.8%	85.2%	314.4%
Spotsylvania	7,764	85.8%	20,600	102.9%	43,596	114.1%	165.3%	111.6%	461.5%
Stafford	8,631	95.4%	22,927	114.5%	47,526	124.4%	165.6%	107.3%	450.6%
Fredericksburg	9,309	102.9%	18,392	91.9%	33,353	87.3%	97.6%	81.3%	258.3%
Essex	6,654	73.5%	16,484	82.3%	31,339	82.0%	147.7%	90.1%	371.0%
King & Queen	5,983	66.1%	15,010	75.0%	29,712	77.8%	150.9%	97.9%	396.6%
King William	8,172	90.3%	19,446	97.1%	38,635	101.1%	138.0%	98.7%	372.8%
Hanover	10,021	110.7%	23,261	116.2%	45,517	119.1%	132.1%	95.7%	354.2%
Virginia	9,049	100.0%	20,018	100.0%	38,213	100.0%	121.2%	90.9%	322.3%

Source: U.S. Census 1970, 1980, 1990

Table 3-15
Average Weekly Wage Per Employee for Quarter Ending June 1992 -- By Place of Work

Industry	Caroline	King George	Spotsylvania	Stafford	Fredericksburg	RADCO	Essex	King & Queen	King William	Hanover
Agricultural, Forestry & Fisheries	252	136	220	281	283	241	669	210	243	307
Mining & Quarrying	*	*	*	*	*	551	*	*	*	819
Construction	357	294	376	423	437	396	333	258	*	446
Manufacturing	349	413	587	487	409	469	371	305	728	535
Transportation, Communications & Utilities	621	389	502	581	515	526	332	*	326	610
Trade	259	275	273	341	266	285	224	195	270	371
Finance, Insurance & Real Estate	333	276	438	370	472	418	408	340	444	427
Services	226	547	270	297	401	372	265	226	243	260
Government	369	641	520	411	440	503	447	300	353	403
Average	342	552	378	376	367	395	310	279	501	389

*Not Disclosed

Source: Covered Employment & Wages in Virginia for Quarter Ending June 30, 1992

Table 3-16
Average Employment By Industry

Sector	Caroline	King George	Spotsylvania	Stafford	Fredericksburg	RADCO	Essex	King & Queen	King William	Hanover
Agricultural, Forestry & Fisheries	45	78	93	145	99	461	19	35	37	359
Mining & Quarrying	*	*	*	*	*	47	*	*	*	150
Construction	359	174	1,312	1,232	631	3,708	137	57	*	4,378
Manufacturing	718	316	1,504	280	1,321	4,139	1,018	290	1,424	3,126
Transportation, Communications & Utilities	247	270	618	621	441	2,197	25	*	69	988
Trade	759	540	4,490	3,636	6,302	15,726	1,205	79	680	8,546
Finance, Insurance & Real Estate	139	120	368	641	942	2,210	134	7	127	811
Services	418	1,785	2,383	2,213	5,536	12,336	883	50	369	5,949
Government	1,296	3,996	2,371	2,716	2,735	13,114	427	272	541	2,974
Total	3,992	7,279	13,139	11,519	18,010	53,938	3,848	833	3,920	27,281

*Not Disclosed
Source: Virginia Employment Commission "Covered Employment & Wages" for quarter ending June 30, 1992
Data withheld, but included in totals
NOTE: Totals may not add due to rounding in original source and non-classifiable employment

Table 3-17
Major Employers -- Caroline County

Employer	Location	Product	Number of Employees
Fort A.P. Hill	Bowling Green	Military Training	230+
Alliance Fertilizer	Milford	Fertilizer	10 - 19
American Stone Mix	Milford	Dry mix concrete	10 - 19
Blue Beacon Truck Wash	Carmel Church	Truck wash	20 - 49
Campbell Atlantic, Inc.	Ladysmith	Machinery	20 - 49
Caroline Stone Co.	Carmel Church	Crushed stone	10 - 19
Chesapeake Corp.	Rt. 2 & 17	Lumber	10 - 19
C.W. Jackson	Milford	Trucking	20 - 49
DeJarnette Lumber Co.	Milford	Lumber	20 - 49
Elliott Enterprises, Inc.	Countywide	Convenience/Gas stores	50 - 70
E.M. Gray and Sons	Milford	Petroleum Products	10 - 19
Flagg Leasing	Milford	Truck leasing	10 - 19
Foreign & Domestic Woods	Bowling Green	Wood Products	50 - 99
G & G Farm Service	Milford	Farm Building Supplies	10 - 19
Georgia Pacific Corp.	Milford	Joint compound	10 - 19
Hoover Treated Wood Products	Milford	Wood products	50 - 99
Jones Chemicals, Inc.	Milford	Water purification chem.	20 - 49
Keller Industries	Milford	Aluminum	250 - 349
Lewis Moore and Son	Ruther Glen	Lumber	10 - 19
Mattaponi Sand & Gravel	Frog Level	Sand and gravel	10 - 19
Long Logging Shop	Penola	Pulpwood, logging	10 - 19
Petro Truck Stop	Carmel Church	Truck stop/restaurant	100 - 140
Smith Sand & Gravel	Ruther Glen	Sand and gravel	10 - 19
R.R. Beasley	Milford	Ready-mix concrete	10 - 19
Rappahannock Electric Cooperative	Bowling Green	Electricity	130
Russell Stover Candies, Inc.	Carmel Church	Candies	30+
Union Bank & Trust	Bowling Green	Banking/Finance	70+
W.T. Jones & Son	Ruther Glen	Lumber	20 - 49
Williamsburg Millwork	Bowling Green	Pallets, skids	50 - 99

Sources: Caroline County Profile; Caroline County Department of Economic Development

Table 3-18
Unemployment Rates 1980 - 1992

Locality	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Caroline	8.0	10.3	12.6	8.7	6.6	6.8	6.4	5.0	5.2	5.3	7.0	10.5	10.5
King George	4.9	5.4	7.3	5.3	4.3	4.4	4.0	3.8	3.6	3.6	4.6	6.5	7.6
Spotsylvania	6.6	8.0	9.9	6.0	4.7	5.0	4.0	3.9	3.9	4.4	5.8	8.8	7.8
Stafford	4.6	6.1	7.6	4.1	2.8	3.1	2.5	2.5	2.0	2.0	3.5	5.3	5.3
Fredericksburg	7.3	8.9	9.8	7.7	5.0	5.2	4.7	4.2	3.5	3.7	4.5	7.3	10.3
RADCO	6.1	7.5	9.2	5.7	4.2	4.5	4.0	3.5	3.2	3.4	4.8	7.2	7.4
Essex	6.8	9.8	13.5	9.6	7.1	7.2	4.8	3.9	3.9	4.6	5.9	7.6	7.1
King & Queen	8.2	9.3	12.6	9.2	6.5	7.1	6.0	4.7	5.9	5.4	5.6	6.4	7.4
King William	4.8	6.4	9.8	8.3	4.7	4.7	4.8	3.2	2.9	3.3	3.6	5.5	5.6
Hanover	3.6	3.9	5.1	4.3	3.3	2.9	2.9	2.4	2.2	2.2	2.6	4.3	4.6
Virginia	5.0	6.1	7.7	6.1	5.0	5.6	5.0	4.2	3.9	3.9	4.3	5.8	6.4

Source: Virginia Employment Commission

Table 3-19
Labor Force Status 1990
Persons 16 Years and Older

Locality	Employed	Unemployed	Civilian Labor Force	Percent Unemployed	Armed Forces	Not In Labor Force	Persons 16 & Older	Civilian Labor Force Participation Rate
Caroline								
Male	4,976	251	5,227	4.8%	94	1,852	7,173	72.9
Female	4,079	279	4,358	6.4%	5	3,185	7,548	57.7
Total	9,055	530	9,585	5.5%	99	5,037	14,721	65.1
King George								
Male	3,558	91	3,649	2.5%	423	1,003	5,075	71.9
Female	3,045	155	3,200	4.8%	47	1,787	5,034	63.6
Total	6,603	246	6,849	3.6%	470	2,790	10,109	67.8
Spotsylvania								
Male	16,265	538	16,803	3.2%	377	3,187	20,367	82.5
Female	13,214	612	13,826	4.4%	36	7,439	21,301	64.9
Total	29,479	1,150	30,629	3.8%	413	10,626	41,668	73.5
Stafford								
Male	16,776	410	17,186	2.4%	2,879	3,198	23,263	73.9
Female	13,664	520	14,184	3.7%	213	7,344	21,741	65.2
Total	30,440	930	31,370	3.0%	3,092	10,542	45,004	69.7%
Fredericksburg								
Male	5,030	176	5,206	3.4%	90	1,764	7,060	73.7
Female	4,599	158	4,757	3.3%	10	4,004	8,771	54.2
Total	9,629	334	9,963	3.4%	100	5,768	15,831	62.9
Essex								
Male	2,188	134	2,322	5.8%	-	832	3,154	73.6
Female	1,834	141	1,975	7.1%	-	1,715	3,690	53.5
Total	4,022	275	4,297	6.4%	-	2,547	6,844	62.8
King & Queen								
Male	1,617	58	1,675	3.5%	-	656	2,331	71.9
Female	1,302	81	1,383	5.9%	-	1,139	2,522	54.8
Total	2,919	139	3,058	4.5%	-	1,795	4,853	63.0
King William								
Male	2,916	89	3,005	3.0%	13	941	3,959	75.9
Female	2,588	71	2,659	2.7%	-	1,664	4,323	61.5
Total	5,504	160	5,664	2.8%	13	2,605	8,282	68.4
Hanover								
Male	18,663	463	19,126	2.4%	58	4,476	23,660	80.8
Female	15,744	450	16,194	2.8%	-	9,451	25,645	63.1
Total	34,407	913	35,320	2.6%	58	13,927	49,305	71.6

Source: U.S. Census 1990

**Table 3-20
Work Force By Occupation 1980 - 1990
Employed Civilians 16 Years and Older**

Occupation	Caroline		King George		Spotsylvania		Stafford		Fredericksburg	
	1980	1990	1980	1990	1980	1990	1980	1990	1980	1990
Executive, Administrative & Managerial Occupations	570	763	296	739	1563	3558	1946	4456	632	1107
Professional Specialty Occupations	385	657	770	1218	1693	3893	2138	4058	1191	1619
Technicians & Related Support Occupations	154	219	381	466	424	1258	665	1477	177	398
Sales Occupations	447	985	272	394	1421	3653	1649	3346	739	1142
Administrative Support Occupations Including Clerical	1047	1404	556	983	2172	4486	2817	5041	1262	1472
Private Household Occupations	98	37	69	23	171	84	141	95	87	73
Protective Service Occupations	133	123	65	74	287	634	366	822	103	166
Service Occupations, Except Protective & Household	812	1094	330	637	1265	2569	1561	2807	1005	1158
Farming, Forestry & Fishing Occupations	314	290	161	168	334	452	277	263	35	113
Precision Productions, Craft & Repair Occupations	1200	1452	629	1020	2371	4514	2947	4654	670	1209
Machine Operators, Assemblers, & Inspectors	797	573	183	264	996	1239	706	864	388	390
Transportation & Material Moving Occupations	490	746	147	348	934	1445	807	1233	240	354
Handlers, Equipment Cleaners, Helpers & Laborers	819	712	347	269	957	1694	1043	1324	321	428
Total	7266	9055	4206	6603	14588	29479	17063	30440	6850	9629

Source: U.S. Census 1990

Occupation	RADCO		Essex		King & Queen		King William		Hanover	
	1980	1990	1980	1990	1980	1990	1980	1990	1980	1990
Executive, Administrative & Managerial Occupations	5007	10623	231	370	134	202	310	627	2794	4907
Professional Specialty Occupations	6177	11445	405	415	126	224	361	610	2191	4235
Technicians & Related Support Occupations	1801	3818	30	84	49	35	65	192	705	1266
Sales Occupations	4528	9520	358	396	178	203	377	549	2564	4053
Administrative Support Occupations Including Clerical	7854	13386	483	481	308	460	652	950	5640	7095
Private Household Occupations	566	312	129	66	76	21	97	42	205	123
Protective Service Occupations	954	1819	49	55	35	41	83	80	522	781
Service Occupations, Except Protective & Household	4973	8265	357	412	175	256	362	452	1772	2320
Farming, Forestry & Fishing Occupations	1121	1286	205	165	256	177	247	147	689	757
Precision Productions, Craft & Repair Occupations	7817	12849	519	634	366	527	574	785	3943	4979
Machine Operators, Assemblers, & Inspectors	3070	3330	380	358	300	401	412	418	1283	1453
Transportation & Material Moving Occupations	2618	4126	325	297	215	219	250	388	1307	1397
Handlers, Equipment Cleaners, Helpers & Laborers	3487	4427	390	289	143	153	286	264	1156	1041
Total	49973	85206	3861	4022	2361	2919	4076	5504	24771	34407

Source: U.S. Census 1990

**Table 3-21
Number of Registered Dealers and Total Taxable Sales 1992**

Category	Caroline		King George		Spotsylvania		Stafford		Fredericksburg		RADCO	
	Dealers	Taxable Sales	Dealers	Taxable Sales	Dealers	Taxable Sales	Dealers	Taxable Sales	Dealers	Taxable Sales	Dealers	Taxable Sales
Apparel	0	\$0	6	\$451,173	68	\$39,934,311	13	\$1,562,122	55	\$15,260,983	142	\$57,208,589
Automotive	45	\$4,611,927	36	\$4,373,285	150	\$25,788,441	113	\$14,637,985	62	\$18,588,976	406	\$68,000,614
Food	78	\$23,970,656	47	\$12,511,302	205	\$142,582,925	188	\$128,503,935	179	\$78,609,398	697	\$386,178,216
Furniture	5	\$309,569	18	\$950,051	84	\$31,641,972	75	\$4,978,167	59	\$11,554,645	241	\$49,434,404
General Merchandise	30	\$3,275,336	15	\$655,216	68	\$106,837,360	65	\$17,254,416	52	\$33,958,369	230	\$161,980,697
Lumber	13	\$2,282,845	8	\$2,659,145	61	\$56,982,525	58	\$25,268,036	44	\$50,492,311	184	\$137,684,862
Fuel	5	\$2,958,702	0	\$0	0	\$0	4	\$1,152,192	6	\$658,924	15	\$4,769,818
Machinery	12	\$1,460,984	10	\$325,785	65	\$9,072,138	52	\$8,863,750	42	\$6,056,396	181	\$25,779,053
Hotels & Motels	10	\$2,869,591	5	\$758,318	16	\$10,580,826	15	\$6,343,163	20	\$11,404,795	66	\$31,956,693
Miscellaneous & Unidentifiable	141	\$10,389,804	137	\$19,059,937	420	\$58,403,243	428	\$25,131,254	504	\$50,161,068	1,630	\$163,145,306
Total	339	\$52,129,414	282	\$41,744,212	1,137	\$481,823,741	1,011	\$233,695,020	1,023	\$276,745,865	3,792	\$1,086,138,252

Category	Essex		King & Queen		King William		Hanover		Study Area	
	Dealers	Taxable Sales	Dealers	Taxable Sales	Dealers	Taxable Sales	Dealers	Taxable Sales	Dealers	Taxable Sales
Apparel	8	\$14,107,174	0	\$0	4	\$1,029,390	36	\$35,898,374	190	\$108,243,527
Automotive	34	\$2,259,460	19	\$393,611	31	\$2,591,728	222	\$34,016,300	712	\$107,261,713
Food	54	\$31,735,573	19	\$1,759,360	50	\$21,895,194	235	\$162,060,769	1,055	\$603,629,112
Furniture	8	\$1,750,983	5	\$1,574,794	13	\$4,680,887	120	\$14,443,492	387	\$71,884,560
General Merchandise	17	\$8,606,639	6	\$554,327	19	\$3,698,104	125	\$33,546,893	397	\$208,386,660
Lumber	4	\$6,156,730	0	\$0	0	\$0	102	\$57,918,732	290	\$290,760,324
Fuel	0	\$0	0	\$0	0	\$0	13	\$4,504,075	28	\$9,273,893
Machinery	12	\$972,429	0	\$0	7	\$366,195	192	\$65,102,356	392	\$92,220,033
Hotels & Motels	6	\$1,262,435	0	\$0	0	\$0	18	\$12,061,566	90	\$45,280,694
Miscellaneous & Unidentifiable	133	\$18,981,893	62	\$2,226,131	120	\$10,880,514	811	\$127,091,887	2,756	\$322,325,731
Total	276	\$85,833,316	111	\$6,508,223	244	\$45,142,012	1,874	\$546,644,444	6,297	\$1,770,266,247

Source: Taxable Sales in Virginia Counties and Cities, Annual Report 1992

Table 3-22
Population Projection
"Official" State Projections

	1990	% Change	2000	% Change	2010
Caroline	19,217	6.7	20,503	5.8	21,702
King George	13,527	18.3	15,999	13.2	18,110
Spotsylvania	57,403	32.4	76,002	17.1	89,004
Stafford	61,236	36.9	83,809	13.0	94,718
Fredericksburg	19,027	7.6	20,473	6.7	21,838
RADCO	170,410	27.2	216,786	13.2	245,372
Essex	8,689	1.3	8,801	1.1	8,896
King & Queen	6,289	6.5	6,696	4.5	6,997
King William	10,913	16.2	12,686	11.4	14,127
Hanover	63,306	23.2	77,978	19.9	93,491
Study Area	259,607	24.4	322,947	14.2	368,883

Source: Virginia Employment Commission

Table 3-23
Summary of Population Projections
Caroline County 2000 and 2010

	"Official State Projections"	1% Average Annual Growth	"Step Down" (1% of Region)	Constant Numerical Growth	10% Growth per Decade	Construction and Household Size
2000	20,503	21,000	21,679	23,217	21,139	23,592
2010	21,702	23,200	29,445	27,217	23,253	27,967

Source: Virginia Employment Commission, and RADCO