



# **THE 2000 3-C REPORT**

CONTINUING, COMPREHENSIVE AND COORDINATED  
TRANSPORTATION DATA

FOR

**HENRICO COUNTY, VIRGINIA**

BY

TRAFFIC ZONE

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HOUSING AND POPULATION / LAND USE IN ACRES

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Price:	\$2.00
Traffic Zone Map:	\$2.00

March 2002  
Henrico County Planning Office

# **METHODOLOGY FOR THE 2000 UPDATE OF THE CONTINUING, COOPERATIVE AND COMPREHENSIVE (3-C) TRANSPORTATION STUDY FOR HENRICO COUNTY**

The Continuing, Cooperative and Comprehensive Transportation Study data is divided into two (2) parts: (1) Population and Housing, (2) Land Use in Acres, and (3) 1990/2000 Traffic Zone Conversion Chart.

## **PART 1 - POPULATION AND HOUSING**

The Population and Housing data was calculated in accordance with the Population and Housing Model prepared by the Richmond Regional Planning District Commission. Total housing units in each traffic zone were determined using the 2000 U.S. Census Data. The proportion of single family and multifamily units was calculated by subtracting the County's record of multifamily housing units and from the Census' total housing unit figure for each traffic zone. Certificates of Occupancy (CO's) were added to each traffic zone to account for housing units constructed and occupied following the Census survey. A County vacancy rate was calculated and an average household size factor was employed to obtain the 2000 population count. The following briefly describes the terms and methods used to determine 2000 housing and population totals for Henrico County.

### **HOUSING**

Single Family Housing Units are detached dwelling units and mobile homes either owner or renter occupied.

Multifamily Housing Units are attached and semi-detached dwelling units either owner or renter occupied. Multifamily housing units include apartments, townhouses, semi-detached townhouses, condominiums, detached condominiums, cooperatives and duplexes.

- The number of single family and multifamily housing units is tallied by traffic zone monthly by sorting and categorizing certificates of occupancy.

Group Quarters include nursing homes with common eating facilities, prisons, school dormitories and other facilities housing unrelated individuals for extended periods of time.

- Plans of development files and certificates of occupancy are cross-checked for additional group quarter dwelling units in the County.

Demolitions are dwelling units that have been disconnected from public utilities and razed.

- The number of demolitions is obtained monthly from the Office of Building Inspection reports on demolitions by traffic zone. The demolition totals are subtracted by traffic zone from (usually) either single family or multifamily dwelling unit totals.

#### Vacancy Rates

The 2000 single family vacancy rate is 1.4%.

The 2000 multifamily vacancy rate is 6.6%.

#### Average Household Size

The average household size is multiplied by the number of single family and multifamily dwelling units (minus vacant units) to calculate the population for the County. The average household size used for 2000 is 2.39.

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2000 Population and Housing Report

Traffic Zone	Single Family Population	Multi-Family Population	Group Quarter Population	Total Population	Single Family Housing Units	Multi-Family Housing Units	Total Housing Units	Total Students	College Students	Traffic Zone
1500	4006	1297	0	5303	1700	578	2278	756		1500
1501	488	0	0	488	207	0	207			1501
1502	127	0	0	127	54	0	54			1502
1503	721	699	0	1420	306	313	619	1557	275	1503
1504	325	0	0	325	138	0	138			1504
1505	9	0	0	9	4	0	4			1505
1506	634	0	0	634	269	0	269			1506
1507	1397	1330	0	2728	593	596	1189			1507
1508	533	0	0	533	226	0	226			1508
1509	276	0	0	276	117	0	117			1509
1510	0	676	0	676	0	303	303			1510
1511	57	0	0	57	24	0	24			1511
1512	2319	0	104	2423	984	0	984	643		1512
1513	1192	163	0	1355	506	73	579			1513
1514	2613	1031	0	3645	1109	462	1571			1514
1515	1774	1728	0	3502	753	774	1527	1408		1515
1516	2731	3281	5	6018	1159	1470	2629	707		1516
1517	848	0	0	848	360	0	360			1517
1518	4277	0	0	4277	1815	0	1815	455		1518
1519	2484	0	0	2484	1054	0	1054			1519
1520	1075	0	43	1118	456	0	456	582		1520
1521	2319	1958	0	4277	984	877	1861			1521
1522	3252	0	0	3252	1380	0	1380			1522
1523	3122	978	0	4100	1325	438	1763	412		1523
1524	1018	337	0	1355	432	151	583	487		1524
1525	964	0	0	964	409	0	409			1525
1526	61	0	0	61	26	0	26			1526
1527	2896	1565	186	4647	1229	701	1930	447		1527
1528	1470	6277	96	7844	624	2812	3436	2286		1528
1529	31	310	0	341	13	139	152			1529
1530	257	0	167	424	109	0	109			1530
1531	478	0	0	478	203	0	203	1227		1531
1532	1249	2623	0	3872	530	1175	1705			1532
1533	2399	0	0	2399	1018	0	1018	629		1533
1534	1218	0	0	1218	517	0	517			1534

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Traffic Zone	Single Family Population	Multi-Family Population	Group Quarter Population	Total Population	Single Family Housing Units	Multi-Family Housing Units	Total Housing Units	Total Students	College Students	Traffic Zone
1535	1558	0	0	1558	661	0	661			1535
1536	2104	759	516	3379	893	340	1233			1536
1537	196	109	0	305	83	49	132			1537
1538	280	8614	0	8895	119	3859	3978	1915		1538
1539	1277	107	86	1470	542	48	590			1539
1540	1584	888	0	2472	672	398	1070	473		1540
1541	870	536	746	2151	369	240	609	133		1541
1542	719	4639	0	5357	305	2078	2383			1542
1543	1449	1536	0	2985	615	688	1303			1543
1544	1890	0	0	1890	802	0	802	1763		1544
1545	834	203	0	1037	354	91	445	440		1545
1546	1840	0	0	1840	781	0	781			1546
1547	1727	1473	0	3201	733	660	1393	376		1547
1548	2220	58	0	2278	942	26	968			1548
1549	695	2518	145	3358	295	1128	1423	129	9452	1549
1550	2083	47	191	2321	884	21	905			1550
1551	2	0	0	2	1	0	1			1551
1552	73	0	0	73	31	0	31			1552
1553	1468	0	0	1468	623	0	623			1553
1554	12	0	0	12	5	0	5			1554
1555	624	0	0	624	265	0	265			1555
1556	2196	0	0	2196	932	0	932	472		1556
1557	752	0	0	752	319	0	319	999		1557
1558	947	0	0	947	402	0	402			1558
1559	905	1987	602	3494	384	890	1274			1559
1560	35	2514	0	2549	15	1126	1141	1172		1560
1561	1145	1868	0	3014	486	837	1323			1561
1562	1159	703	218	2081	492	315	807			1562
1563	1383	781	0	2165	587	350	937	425		1563
1564	3311	654	488	4453	1405	293	1698	640		1564
1565	1551	1759	100	3410	658	788	1446	1936		1565
1566	738	565	0	1302	313	253	566			1566
1567	1767	732	0	2500	750	328	1078	1370		1567
1568	2705	1636	0	4342	1148	733	1881	975		1568
1569	417	3337	0	3754	177	1495	1672			1569

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Traffic Zone	Single Family Population	Multi-Family Population	Group Quarter Population	Total Population	Single Family Housing Units	Multi-Family Housing Units	Total Housing Units	Total Students	College Students	Traffic Zone
1570	2055	214	176	2445	872	96	968	619		1570
1571	3822	1864	149	5835	1622	835	2457	1783		1571
1572	1574	0	0	1574	668	0	668	1506		1572
1573	914	0	0	914	388	0	388			1573
1574	1525	0	219	1744	647	0	647			1574
1575	412	924	0	1337	175	414	589	299		1575
1576	3323	203	0	3526	1410	91	1501			1576
1577	1197	219	0	1416	508	98	606	538		1577
1578	608	1536	0	2144	258	688	946			1578
1579	950	871	137	1957	403	390	793			1579
1580	193	0	0	193	82	0	82			1580
1581	943	1605	0	2548	400	719	1119			1581
1582	3844	1107	5	4956	1631	496	2127	2106		1582
1583	1060	71	0	1132	450	32	482			1583
1584	2163	496	0	2659	918	222	1140	550		1584
1585	2785	0	0	2785	1182	0	1182	641		1585
1586	1572	0	0	1572	667	0	667			1586
1587	271	0	0	271	115	0	115			1587
1588	302	129	656	1087	128	58	186			1588
1589	495	0	35	530	210	0	210			1589
1590	759	1107	0	1866	322	496	818	610		1590
1591	311	0	0	311	132	0	132			1591
1592	1593	0	5	1598	676	0	676	542		1592
1593	822	491	0	1314	349	220	569			1593
1594	1692	0	0	1692	718	0	718			1594
1595	441	696	0	1137	187	312	499			1595
1596	3745	991	159	4895	1589	444	2033	326		1596
1597	2060	1098	0	3158	874	492	1366	816		1597
1598	1112	0	16	1128	472	0	472			1598
1599	650	2643	0	3293	276	1184	1460			1599
1600	3523	480	0	4003	1495	215	1710			1600
1601	186	0	0	186	79	0	79			1601
1602	0	0	0	0	0	0	0			1602
1603	832	317	255	1404	353	142	495	638		1603
1604	1037	0	0	1037	440	0	440	1245		1604

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Traffic Zone	Single Family Population	Multi-Family Population	Group Quarter Population	Total Population	Single Family Housing Units	Multi-Family Housing Units	Total Housing Units	Total Students	College Students	Traffic Zone
1605	2102	1371	0	3473	892	614	1506	679		1605
1606	1313	484	0	1797	557	217	774	1673		1606
1607	2076	0	0	2076	881	0	881			1607
1608	2333	1513	0	3846	990	678	1668	337		1608
1609	1025	0	0	1025	435	0	435			1609
1610	59	0	0	59	25	0	25			1610
1611	2790	1426	0	4217	1184	639	1823	484		1611
1612	617	379	0	997	262	170	432			1612
1613	485	835	0	1320	206	374	580			1613
1614	764	0	0	764	324	0	324	195		1614
1615	1032	0	0	1032	438	0	438			1615
1616	186	143	0	329	79	64	143			1616
1617	80	0	0	80	34	0	34			1617
1618	1412	830	0	2242	599	372	971			1618
1619	54	0	0	54	23	0	23			1619
1620	33	0	0	33	14	0	14			1620
1621	370	511	0	881	157	229	386			1621
1622	0	0	0	0	0	0	0			1622
1623	9	0	0	9	4	0	4			1623
1624	1315	0	0	1315	558	0	558	468		1624
1625	370	446	0	816	157	200	357			1625
1626	90	0	0	90	38	0	38			1626
1627	59	0	0	59	25	0	25			1627
1628	650	0	0	650	276	0	276			1628
1629	1947	0	0	1947	826	0	826			1629
1630	3073	446	0	3519	1304	200	1504			1630
1631	16	0	0	16	7	0	7			1631
1632	914	0	0	914	388	0	388	3237		1632
1633	146	0	5	151	62	0	62			1633
1634	500	0	0	500	212	0	212			1634
1635	19	0	0	19	8	0	8			1635
1636	9	0	0	9	4	0	4			1636
1637	353	0	0	353	150	0	150	399		1637
1638	1183	0	0	1183	502	0	502			1638
1639	115	0	0	115	49	0	49			1639

County of Henrico  
2000 Population and Housing Report

Traffic Zone	Single Family Population	Multi-Family Population	Group Quarter Population	Total Population	Single Family Housing Units	Multi-Family Housing Units	Total Housing Units	Total Students	College Students	Traffic Zone
1640	391	0	0	391	166	0	166			1640
1641	167	0	0	167	71	0	71			1641
1642	391	0	0	391	166	0	166			1642
1643	115	0	0	115	49	0	49			1643
1644	820	0	0	820	348	0	348			1644
1645	448	0	0	448	190	0	190			1645
1646	118	0	0	118	50	0	50			1646
1647	1056	0	0	1056	448	0	448			1647
1648	332	0	0	332	141	0	141			1648
1649	1157	0	0	1157	491	0	491			1649
1650	811	0	0	811	344	0	344	614		1650
1651	61	0	12	73	26	0	26			1651
1652	139	0	0	139	59	0	59			1652
1653	73	0	0	73	31	0	31			1653
1654	243	0	0	243	103	0	103			1654
1655	45	0	0	45	19	0	19			1655
County:	173,781	87,728	5522	267,031	73,744	39,297	113,041	45,119	9,727	
% increase from 1999	6,438 3.7%	1,840 2.1%	-426 -7.7%	7,852 3.0%	1,536 2.1%	-477 -1.2%	1,059 0.9%	123 0.3%	2,321 23.9%	

Calculations based on:	(2000)	(1999)	(1998)	(1997)	(1996)
Persons per household	2.39	2.36	2.36	2.36	2.36
Single family vacancy rate: (percentage)	1.40%	1.80%	1.725%	1.90%	1.90%
Multi-family vacancy rate:	6.60%	8.50%	9.00%	6.21%	6.39%



County of Henrico  
Population and Housing Unit Totals  
1990-2000

Year	Single Family Population	% Change	Multi-Family Population	% Change	Group Quarter Population	% Change	Total Population	% Change	Single Family Housing Units	% Change	Multi-Housing Units	% Change	Total Housing Units	% Change	Total Students	% Change
1990	141,106		76,010		4,171		221,287		59,994		35,426		95,420		39,636	
1991	143,388	1.60%	76,298	0.40%	4,043	-3.10%	223,729	1.10%	61,214	2.00%	35,600	0.50%	96,814	1.50%	43,863	10.70%
1992	146,900	2.40%	75,795	-0.60%	3,989	-1.30%	226,684	1.30%	62,588	2.20%	35,800	0.60%	98,388	2.00%	45,477	3.70%
1993	150,131	2.20%	76,638	1.10%	3,960	-0.70%	230,729	1.80%	64,070	2.40%	36,283	1.30%	100,353	2.20%	38,471	-15.40%
1994	152,930	1.90%	77,697	1.40%	4,601	16.20%	235,229	2.00%	65,501	2.20%	36,447	0.50%	101,948	2.40%	39,165	1.80%
1995	156,059	2.00%	78,874	1.50%	4,750	3.20%	239,683	1.90%	66,841	2.00%	36,619	0.50%	103,460	2.20%	40,001	2.10%
1996	157,118	0.70%	81,248	3.00%	4,907	3.30%	243,273	1.50%	67,865	1.50%	36,742	0.30%	104,607	1.10%	40,714	1.80%
1997	160,111	1.90%	82,502	1.50%	5,219	6.30%	247,832	1.90%	69,158	1.90%	37,273	1.40%	106,431	1.70%	42,036	3.20%
1998	163,865	2.30%	84,680	2.60%	5,649	7.60%	254,194	2.50%	70,653	2.10%	39,278	5.10%	109,931	3.20%	43,540	3.50%
1999	167,343	2.10%	85,888	1.40%	5,948	5.30%	259,179	1.90%	72,208	2.20%	39,774	1.30%	111,982	1.80%	44,996	3.30%
2000*	173,781	3.85%	87,728	2.14%	5,522	-7.16%	267,031	3.03%	73,744	2.13%	39,297	-1.20%	113,041	0.95%	45,119	0.27%

\*Note: A new benchmark was created in 2000 based on data from the 2000 U.S. Census.

## Part II - LAND USE IN ACRES

The Total Acreage of Henrico County is grouped into nine (9) categories for the 3-C Transportation Data Report: Single Family, Multifamily, Group Quarters, Industrial, Miscellaneous, Commercial, Public and Semi-Public, Vacant Land and Water Areas. The Total Acreage for each traffic zone is the sum of the acreage in all nine categories and remains constant unless traffic zone boundaries change. These categories are defined as follows:

<i>Single Family</i>	Detached housing units and mobile homes.
<i>Multifamily</i>	Apartments, townhouses, semi-detached townhouses, condominiums, detached condominiums and duplexes.
<i>Group Quarters</i>	Nursing homes with common dining facilities, prisons, school dormitories and other facilities housing unrelated individuals for extended periods of time.
<i>Industrial</i>	Manufacturing, assembling, processing, distribution and storage of products made from previously prepared basic materials.
<i>Miscellaneous</i>	Rights-of-way, utilities, transportation and communication facilities.
<i>Commercial</i>	Retail sales, service establishments and offices.
<i>Public/Semi-Public</i>	Churches, schools, libraries, parks, government offices and other public and semi-public uses.
<i>Water Area</i>	Rivers, lakes, manmade lakes, ponds and other bodies of water.
<i>Vacant Land</i>	Unoccupied lots or parcels. Includes land being used for agricultural purposes.

Due to the creation of new traffic zones and border changes of some existing traffic zones the 2000 land use acreages had to be reapportioned. The County's GIS system was used to create the new base figures. First the area of each traffic zone was determined. Next the acreage for each category in the previous traffic zones was added together. The existing land use layer of the GIS system was used to determine how much of each

category was placed in the new traffic zones. After the base was completed for the new traffic zones the normal system for updating the data could be used.

Changes and transfers in land uses are recorded monthly by traffic zone utilizing certificates of occupancy. When a change in land use occurs, the exact amount of acreage is subtracted from the previous land use category (usually vacant land) and added to the present land use category. Transfers of property - past and present uses of parcels of land that fall under the same category - have no affect on the results of this report.

When a Plan of Development (POD) is approved, the acreage included in the POD is subtracted from the current land use category and added to the new land use category. For example, if a 20-acre parcel includes a POD containing 5 acres - only the 5 acres are subtracted from the current land use category and added to the new one. When a POD is revised, a determination is made whether additional acreage should change land use categories. It is possible for acreage to change categories more than once.

The amount of acreage subtracted from "Vacant Land" and added to the "Single Family" and "Multifamily" categories is calculated by multiplying the number of dwelling units approved by the average lot size for the subdivision or multifamily development. The average lot size of all subdivisions and residential townhouse developments approved since 1959 are available and are included in 3-C data input.

The acreage for a single family dwelling unit not located in a subdivision is determined by the minimum acreage requirement for the zoning classification, unless the lot is less than the minimum. In that case the actual acreage is used. For example, if a house is built on 10 acres of land in an A-1 zoning classification, only one (1) acre (the minimum lot size for A-1) is subtracted from vacant land use and added to single family residential land use.

County of Henrico  
2000 Land Use by Acreage

Traffic Zone	Single Family Residential	Multi-Family Residential	Group Quarter Residential	Industrial	Miscellaneous	Commercial	Public & Semi-Public	Water	Vacant	Total Acres	Traffic Zone
1500	714.8	115.3	0.0	0.0	44.9	2.2	335.2	8.0	453.2	1673.6	1500
1501	257.7	0.0	0.0	0.0	22.5	13.2	24.1	6.0	1300.9	1624.4	1501
1502	168.3	0.0	0.0	0.0	4.0	2.4	0.0	1.0	541.0	716.7	1502
1503	88.5	44.9	0.0	7.7	20.6	86.1	96.2	7.0	675.9	1026.9	1503
1504	85.1	0.0	0.0	0.0	44.9	46.8	159.9	3.0	762.8	1102.5	1504
1505	1.8	0.0	0.0	130.8	50.0	0.0	81.1	5.0	220.4	489.1	1505
1506	343.5	0.0	0.0	0.0	156.5	0.0	0.0	6.0	1174.9	1680.9	1506
1507	341.0	50.8	0.0	0.0	73.2	186.1	9.2	6.0	1103.2	1769.5	1507
1508	123.0	0.0	0.0	0.0	50.0	1.5	8.5	0.3	328.2	511.5	1508
1509	49.6	0.0	10.0	33.3	55.5	148.9	0.0	4.0	294.1	595.4	1509
1510	0.0	20.3	0.0	0.0	70.0	23.2	159.0	10.0	475.5	758.0	1510
1511	40.2	0.0	0.0	0.9	19.4	88.1	0.0	0.8	403.3	552.7	1511
1512	396.6	0.0	12.5	0.0	17.2	31.0	40.4	0.0	320.0	817.7	1512
1513	185.1	8.9	0.0	0.0	39.5	8.4	12.8	1.0	128.9	384.6	1513
1514	334.9	43.5	0.0	0.0	64.5	83.8	0.0	11.0	115.8	653.5	1514
1515	297.1	62.3	0.0	8.5	67.9	141.5	72.4	4.6	414.8	1069.1	1515
1516	474.0	112.8	0.0	0.0	64.7	599.6	49.6	20.0	571.0	1891.7	1516
1517	164.6	0.0	0.0	5.0	89.1	220.9	25.4	31.0	197.8	733.8	1517
1518	484.2	0.0	0.0	6.6	70.0	0.0	65.5	10.5	326.0	962.8	1518
1519	348.3	0.0	0.0	0.0	76.0	0.0	53.6	1.0	569.3	1048.2	1519
1520	284.9	0.0	25.8	0.0	94.0	6.1	244.8	2.2	310.5	968.3	1520
1521	503.4	55.4	0.0	0.0	57.2	3.7	19.6	5.0	293.1	937.4	1521
1522	571.6	0.0	0.0	13.0	108.9	15.3	12.6	5.0	341.1	1067.5	1522
1523	420.2	41.5	0.0	3.6	117.3	49.0	173.4	3.0	474.6	1282.6	1523
1524	157.9	7.5	0.0	0.0	90.0	31.2	16.2	0.0	44.4	347.2	1524
1525	130.7	0.0	0.0	10.2	54.3	27.3	10.3	1.7	223.6	458.1	1525
1526	45.5	0.0	0.0	20.5	60.0	63.7	0.0	5.0	751.4	946.1	1526
1527	428.4	61.6	32.5	7.0	105.1	107.3	54.1	8.5	30.1	834.6	1527
1528	210.8	208.9	0.0	0.0	81.9	51.2	117.1	14.0	225.0	908.9	1528
1529	9.9	5.3	0.0	2.0	9.0	33.9	0.0	5.5	126.4	192.0	1529
1530	40.3	0.0	5.9	30.1	20.0	6.7	0.0	0.0	108.9	211.9	1530
1531	103.2	0.0	0.0	18.5	5.0	31.5	33.5	3.0	80.9	275.6	1531
1532	299.2	154.8	0.0	0.0	15.3	1.5	15.5	6.0	158.1	650.4	1532
1533	333.9	0.0	0.0	0.0	48.5	1.0	87.1	0.2	88.1	558.8	1533
1534	123.6	0.0	0.0	0.0	20.4	15.9	34.1	0.6	43.5	238.1	1534

County of Henrico  
2000 Land Use by Acreage

Traffic Zone	Single Family Residential	Multi-Family Residential	Group Quarter Residential	Industrial	Miscellaneous	Commercial	Public & Semi-Public	Water	Vacant	Total Acres	Traffic Zone
1535	256.4	0.0	0.0	0.0	40.0	1.0	0.0	12.5	90.9	400.8	1535
1536	260.4	31.4	88.9	0.0	60.0	31.3	175.8	7.5	242.6	897.9	1536
1537	62.3	8.5	0.0	77.8	29.4	253.8	10.7	15.0	106.4	563.9	1537
1538	30.6	329.4	0.0	0.0	27.9	117.2	59.9	0.6	106.9	672.5	1538
1539	129.2	4.3	5.1	0.0	75.2	12.5	9.6	0.0	79.0	314.9	1539
1540	316.7	31.3	0.0	49.4	100.5	226.4	28.1	0.0	262.3	1014.7	1540
1541	126.1	16.6	0.0	18.7	65.0	148.3	108.2	3.0	58.1	544.0	1541
1542	157.5	135.9	0.0	4.9	20.0	109.3	15.0	0.0	148.3	590.9	1542
1543	154.7	48.1	0.0	0.0	90.0	63.7	20.4	6.0	197.8	580.7	1543
1544	246.6	0.0	0.0	45.4	56.1	23.8	66.8	7.0	203.8	649.5	1544
1545	89.2	4.8	0.0	115.8	56.2	39.0	21.5	0.8	77.2	404.5	1545
1546	208.7	0.0	0.0	84.6	118.7	29.5	0.0	2.0	107.8	551.3	1546
1547	225.7	45.7	0.0	0.0	58.3	4.3	13.9	1.1	14.4	363.4	1547
1548	184.1	2.1	0.0	0.0	55.0	0.0	11.6	0.0	9.4	262.2	1548
1549	153.8	80.4	3.3	176.3	91.7	71.9	470.0	10.0	102.1	1159.5	1549
1550	200.4	1.9	4.9	0.0	90.0	37.6	101.9	5.0	209.9	651.6	1550
1551	0.3	0.0	20.2	2.4	10.0	52.9	21.2	0.0	3.2	110.2	1551
1552	22.6	0.0	0.0	0.0	15.0	82.2	0.0	0.0	17.3	137.1	1552
1553	167.7	0.0	0.0	0.0	150.0	25.4	5.0	4.0	251.1	603.2	1553
1554	1.8	0.0	0.0	26.4	41.2	31.0	0.0	0.0	0.5	100.9	1554
1555	129.1	0.0	0.0	0.0	50.0	1.0	7.5	0.0	26.1	213.7	1555
1556	355.2	0.0	0.0	0.0	98.8	8.1	11.8	0.0	180.3	654.2	1556
1557	396.6	0.0	0.0	0.0	58.3	8.2	109.0	10.0	520.4	1102.5	1557
1558	157.9	0.0	0.0	0.0	14.3	3.6	91.3	7.0	102.4	376.5	1558
1559	125.8	65.8	0.0	0.0	75.5	11.0	6.4	0.0	236.9	521.4	1559
1560	9.0	76.9	0.0	14.9	12.9	20.9	37.6	0.0	295.9	468.1	1560
1561	123.9	71.4	0.0	0.0	40.5	16.2	0.0	5.0	137.8	394.8	1561
1562	126.4	38.2	18.4	0.0	40.4	22.4	8.9	0.0	30.0	284.7	1562
1563	309.2	48.8	0.0	0.0	28.3	0.0	49.1	0.0	149.5	584.9	1563
1564	476.0	16.9	43.1	0.0	70.0	26.7	28.4	10.0	265.2	936.3	1564
1565	439.2	134.9	6.0	0.0	80.0	4.7	69.1	36.0	21.4	791.3	1565
1566	161.2	17.1	0.0	0.0	60.7	32.1	80.1	16.0	14.3	381.5	1566
1567	150.8	34.5	0.0	0.0	40.0	0.0	50.9	4.0	6.0	286.2	1567
1568	305.5	33.8	21.7	0.0	47.2	86.7	42.6	5.5	196.8	739.8	1568
1569	272.5	78.5	0.0	0.0	52.9	96.3	21.5	0.5	49.3	571.5	1569

County of Henrico  
2000 Land Use by Acreage

Traffic Zone	Single Family Residential	Multi-Family Residential	Group Quarter Residential	Industrial	Miscellaneous	Commercial	Public & Semi-Public	Water	Vacant	Total Acres	Traffic Zone
1570	320.0	6.9	19.0	0.0	74.3	3.7	34.5	0.5	30.8	489.7	1570
1571	687.6	63.1	14.5	0.0	132.4	63.4	121.3	5.5	47.3	1135.1	1571
1572	181.7	0.0	0.0	1.2	35.8	12.3	36.7	0.0	61.5	329.2	1572
1573	95.5	0.0	0.0	0.0	15.0	0.0	3.2	3.0	38.0	154.7	1573
1574	158.5	0.0	9.4	7.9	25.0	67.9	21.2	0.0	55.1	345.0	1574
1575	90.4	46.9	0.0	16.7	24.2	108.6	10.5	0.0	60.5	357.8	1575
1576	375.1	6.3	0.0	0.0	90.3	30.4	45.8	0.0	61.3	609.2	1576
1577	125.9	7.0	0.0	5.6	69.2	127.2	22.7	0.8	41.3	399.7	1577
1578	70.8	70.5	0.0	8.5	41.6	52.4	2.7	0.0	29.1	275.6	1578
1579	102.9	19.2	4.0	0.0	40.2	97.3	15.8	0.0	32.4	311.8	1579
1580	34.4	0.0	0.0	107.9	168.8	166.5	5.4	4.0	239.3	726.3	1580
1581	271.5	97.4	0.0	0.8	17.2	8.7	14.1	10.0	281.7	701.4	1581
1582	862.7	36.2	0.0	0.0	131.1	12.6	131.6	10.0	218.5	1402.7	1582
1583	172.4	2.3	0.0	0.0	30.4	8.0	3.6	0.0	84.7	301.4	1583
1584	565.4	52.7	0.0	0.0	94.8	2.6	80.2	6.2	103.9	905.8	1584
1585	559.8	0.0	0.0	0.0	89.1	6.9	19.4	0.0	29.9	705.1	1585
1586	628.4	0.0	0.0	0.0	178.8	0.0	493.0	455.0	1359.3	3114.5	1586
1587	109.3	0.0	0.0	0.0	74.9	0.0	124.6	242.0	184.7	735.5	1587
1588	75.6	10.1	18.0	0.0	85.8	14.4	2.5	85.9	124.4	416.7	1588
1589	107.3	0.0	32.1	0.0	15.0	5.9	8.2	0.0	172.5	341.0	1589
1590	54.5	50.9	0.0	0.0	26.9	7.1	178.0	0.0	102.6	420.0	1590
1591	42.9	0.0	0.0	87.6	31.6	2.2	244.1	0.0	210.5	618.9	1591
1592	268.2	0.0	0.0	40.1	68.9	48.2	15.4	15.0	897.5	1353.3	1592
1593	63.4	14.8	0.0	22.0	60.1	16.4	1.7	0.0	28.8	207.2	1593
1594	173.8	0.0	0.0	66.0	82.2	67.2	21.3	0.0	183.0	593.5	1594
1595	78.4	20.2	0.0	0.0	35.4	15.0	2.4	0.0	21.9	173.3	1595
1596	511.7	36.3	5.7	14.6	127.1	32.0	194.6	3.8	369.3	1295.1	1596
1597	362.3	35.6	0.0	5.3	80.2	8.8	24.8	30.0	1933.9	2480.9	1597
1598	171.1	0.0	3.4	13.4	33.8	13.5	74.6	0.0	416.7	726.5	1598
1599	107.9	85.6	0.0	0.0	24.8	32.1	10.2	0.0	251.3	511.9	1599
1600	692.6	21.1	0.0	8.7	136.7	23.4	282.9	35.0	1650.8	2851.2	1600
1601	77.4	0.0	0.0	0.0	30.0	1.3	0.0	15.0	668.0	791.7	1601
1602	0.0	0.0	0.0	0.0	26.0	0.0	15.0	5.2	154.0	200.2	1602
1603	179.1	26.4	11.5	41.2	73.2	38.5	110.5	0.0	55.5	535.9	1603
1604	151.9	0.0	0.0	14.3	53.1	54.1	52.9	32.4	236.5	595.2	1604

County of Henrico  
2000 Land Use by Acreage

Traffic Zone	Single Family Residential	Multi-Family Residential	Group Quarter Residential	Industrial	Miscellaneous	Commercial	Public & Semi-Public	Water	Vacant	Total Acres	Traffic Zone
1605	246.2	67.7	0.0	0.0	78.7	13.6	38.9	0.0	270.7	715.8	1605
1606	247.7	18.9	0.0	71.7	127.8	36.0	44.3	0.0	179.7	726.1	1606
1607	197.9	0.0	0.0	0.0	55.1	8.3	4.0	0.0	47.9	313.2	1607
1608	455.8	64.3	0.0	14.4	98.8	9.0	131.8	1.0	1051.0	1826.1	1608
1609	369.9	0.0	0.0	0.0	40.0	0.0	15.2	50.0	2674.1	3149.2	1609
1610	27.1	0.0	0.0	23.1	52.0	0.0	0.0	3.0	636.0	741.2	1610
1611	345.2	50.4	0.0	7.0	71.4	29.0	11.0	3.7	262.4	780.1	1611
1612	93.8	11.5	0.0	0.0	52.6	66.9	2.0	4.5	114.0	345.3	1612
1613	181.6	11.1	0.0	269.2	65.4	55.6	22.1	65.0	191.2	861.2	1613
1614	131.1	0.0	0.0	5.9	39.5	26.4	15.2	0.0	68.3	286.4	1614
1615	133.9	0.0	0.0	0.0	49.5	10.9	3.5	0.0	283.5	481.3	1615
1616	50.1	9.7	0.0	9.3	83.2	3.5	1.0	0.0	194.1	350.9	1616
1617	29.8	0.0	0.0	0.0	57.3	1.7	13.0	10.0	553.1	664.9	1617
1618	163.5	30.4	0.0	355.5	64.4	6.5	67.4	6.8	104.7	799.2	1618
1619	5.4	0.0	0.0	162.2	30.0	0.0	0.0	3.5	210.1	411.2	1619
1620	25.2	0.0	0.0	274.8	44.8	66.9	4.0	0.0	137.3	553.0	1620
1621	80.3	19.1	0.0	153.0	52.7	39.3	10.5	0.0	27.3	382.2	1621
1622	0.0	0.0	0.0	70.2	30.0	7.6	2212.2	0.0	6.1	2326.1	1622
1623	4.0	0.0	0.0	0.0	30.0	0.0	102.7	0.0	246.6	383.3	1623
1624	226.9	0.0	0.0	0.0	14.0	7.5	23.0	0.0	54.1	325.5	1624
1625	64.8	15.0	0.0	0.0	40.0	0.0	134.0	0.0	681.6	935.4	1625
1626	41.8	0.0	0.0	0.0	41.1	0.0	54.8	2.0	904.0	1043.7	1626
1627	46.6	0.0	0.0	0.0	20.0	0.0	72.7	2.0	250.7	392.0	1627
1628	407.8	0.0	0.0	367.5	94.5	5.2	112.2	3.5	2904.1	3894.8	1628
1629	1113.0	0.0	0.0	5.0	104.9	9.1	7.6	70.0	3604.5	4914.1	1629
1630	502.4	11.1	0.0	64.0	111.4	6.3	31.0	4.4	774.3	1504.9	1630
1631	6.6	0.0	0.0	190.7	84.4	1.0	11.4	30.0	538.4	862.5	1631
1632	205.3	0.0	0.0	79.5	64.9	11.3	109.4	15.0	1203.5	1688.9	1632
1633	92.0	0.0	0.0	110.2	52.6	11.0	1.8	0.0	1363.7	1631.3	1633
1634	214.1	0.0	0.0	0.0	30.6	4.4	0.0	0.7	1108.0	1357.8	1634
1635	6.6	0.0	0.0	50.7	29.1	0.0	1.3	1.0	269.3	358.0	1635
1636	3.6	0.0	0.0	0.0	29.8	0.6	5.0	2.0	279.8	320.8	1636
1637	130.8	0.0	0.0	0.0	55.7	1.4	21.2	2.0	743.7	954.8	1637
1638	551.1	0.0	0.0	0.0	112.6	11.2	407.2	4.0	1001.1	2087.2	1638
1639	75.8	0.0	0.0	0.0	21.2	0.0	120.0	4.0	623.1	844.1	1639

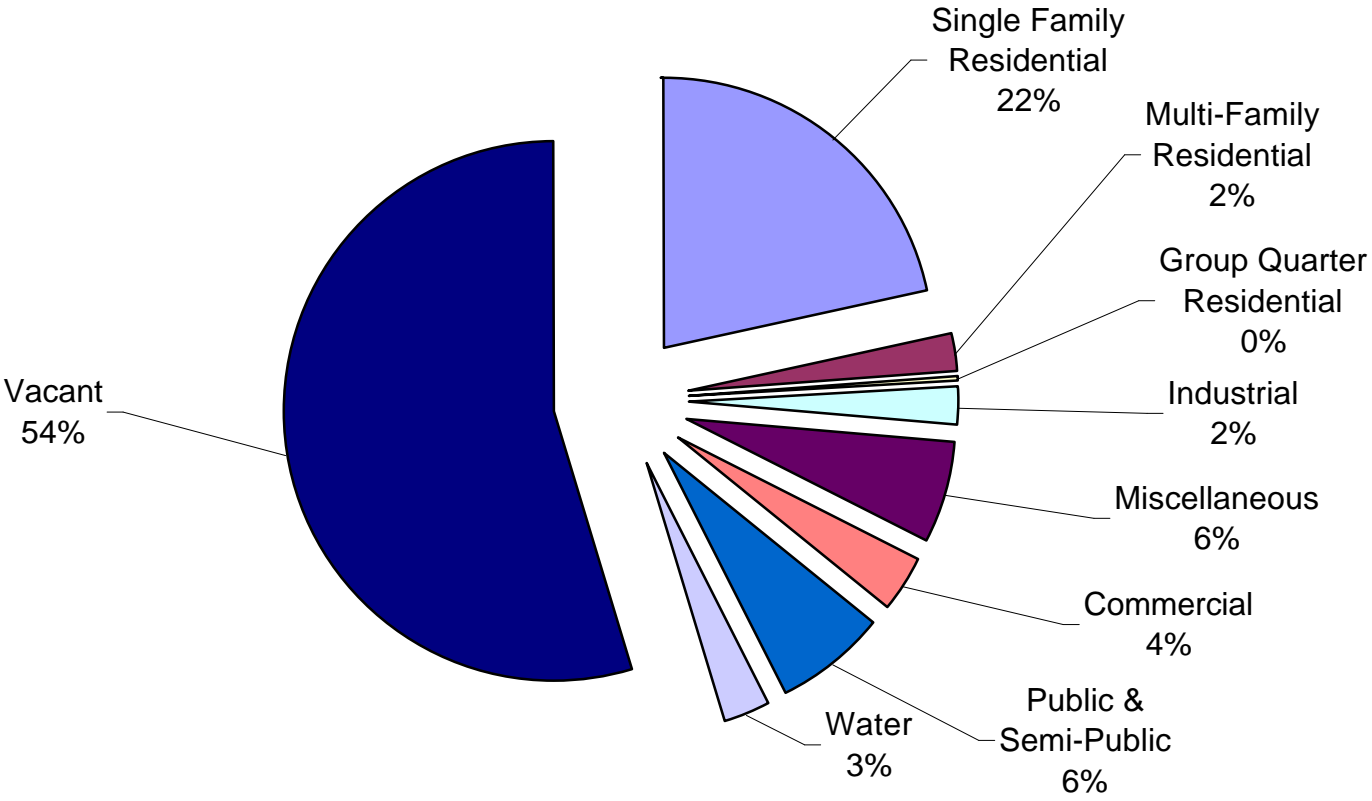
County of Henrico  
2000 Land Use by Acreage

Traffic Zone	Single Family Residential	Multi-Family Residential	Group Quarter Residential	Industrial	Miscellaneous	Commercial	Public & Semi-Public	Water	Vacant	Total Acres	Traffic Zone
1640	192.1	0.0	0.0	0.0	28.9	0.0	0.0	0.0	285.0	506.0	1640
1641	81.0	0.0	0.0	0.0	16.5	1.0	0.0	0.0	823.8	922.3	1641
1642	263.3	0.0	0.0	40.0	0.0	0.0	0.0	0.0	1170.3	1473.6	1642
1643	53.0	0.0	0.0	0.0	15.2	0.0	2.1	0.0	958.0	1028.3	1643
1644	541.5	0.0	0.0	0.0	69.0	1.0	17.8	33.7	3171.1	3834.1	1644
1645	328.9	0.0	0.0	0.0	31.9	1.5	11.1	15.0	2019.3	2407.7	1645
1646	62.0	0.0	0.0	72.3	25.0	0.0	0.0	35.0	1436.3	1630.6	1646
1647	358.9	0.0	0.0	0.0	70.9	1.4	4.8	1.1	428.6	865.7	1647
1648	340.6	0.0	0.0	0.0	23.7	0.0	2.7	78.6	770.8	1216.4	1648
1649	465.5	0.0	0.0	0.0	139.0	13.5	10.5	609.6	6007.6	7245.7	1649
1650	388.8	0.0	0.0	0.0	59.2	4.7	44.7	100.0	2013.1	2610.5	1650
1651	36.0	0.0	0.0	0.0	63.3	0.0	0.0	100.0	754.4	953.7	1651
1652	55.0	0.0	0.0	0.0	31.2	25.6	180.0	478.1	2476.0	3245.9	1652
1653	64.1	0.0	0.0	0.0	39.4	1.3	0.0	30.0	3013.1	3147.9	1653
1654	225.9	0.0	0.0	0.0	101.2	2.3	30.0	11.2	4837.7	5208.3	1654
1655	36.2	0.0	0.0	19.0	39.3	0.0	0.0	1248.9	3413.8	4757.2	1655
<b>County:</b>	<b>33,595.8</b>	<b>3,369.7</b>	<b>415.9</b>	<b>3,791.3</b>	<b>9,114.9</b>	<b>5,479.1</b>	<b>10,305.5</b>	<b>4,353.0</b>	<b>85,775.4</b>	<b>156,200.6</b>	
<b>Change from 1999</b>	601.7 1.8%	30.2 0.9%	17.8 4.5%	205.1 5.7%	96.4 1.1%	303.8 5.9%	598.5 6.2%	11.6 0.3%	-1870.8 -2.1%		

\*Note: During the creation of a new benchmark for the year 2000, several previously made errors were discovered and corrected. In some cases these errors greatly affected the increase from 1999.



# 2000 Land Use by Acreage



### **Part III – 1990/2000 TRAFFIC ZONE CONVERSION CHART**

In coordination with the dicennial census the boundaries of the County's traffic zones are evaluated for possible splits and boundary changes. In 2000 eight new traffic zones were created in order to keep the size of traffic zones in growing areas at a manageable level. Numerous boundary shifts also occurred during the latest evaluation. Boundary changes were conducted in some areas because of new roads being built, such as Interstate 895. In other areas changes were made to the boundaries in order to make the traffic zones more contiguous. Additionally all of the traffic zones were given new identification numbers. These new numbers range from 1500 to 1655. The following chart shows which 1990 traffic zones now comprise the new 2000 traffic zones.

1990/2000 Traffic Zone  
Conversion Chart

2000 TZ	1990 TZ
1500	1363pt
1501	1365
1502	1364pt
1503	1364pt
1504	1363pt
1505	1363pt, 1380pt
1506	1381
1507	1424
1508	1423
1509	1425
1510	1426
1511	1366pt
1512	1368pt
1513	1367pt
1514	1367pt
1515	1375, 1367pt, 1366pt
1516	1377
1517	1378, 1380pt, 1385pt
1518	1379
1519	1385pt
1520	1382
1521	1383
1522	1422
1523	1430
1524	1429
1525	1428
1526	1427
1527	1386
1528	1387
1529	1384
1530	1421
1531	1431
1532	1368pt
1533	1369pt
1534	1369pt, 1372pt
1535	1374pt

2000 TZ	1990 TZ
1536	1374pt
1537	1376
1538	1392
1539	1391
1540	1390
1541	1388
1542	1389
1543	1415
1544	1420
1545	1419
1546	1416
1547	1418
1548	1417
1549	1432
1550	1433
1551	1434
1552	1437
1553	1436
1554	1435
1555	1439
1556	1438
1557	1441
1558	1440
1559	1443pt
1560	1443pt, 1442
1561	1370pt
1562	1370pt
1563	1372pt
1564	1371
1565	1373pt
1566	1398
1567	1373pt
1568	1397
1569	1395
1570	1393
1571	1394

2000 TZ	1990 TZ
1572	1396
1573	1407
1574	1408
1575	1409
1576	1410
1577	1414pt
1578	1414pt, 1413
1579	1411
1580	1412
1581	1399
1582	1400, 1404pt
1583	1405
1584	1404pt
1585	1406
1586	1401
1587	1402, 1403pt
1588	1403pt
1589	1444
1590	1445
1591	1447
1592	1448
1593	1446
1594	1449
1595	1450
1596	1451
1597	1454
1598	1452
1599	1453
1600	1455
1601	1491
1602	1461
1603	1460
1604	1459
1605	1458
1606	1457
1607	1456

1990/2000 Traffic Zone  
Conversion Chart

2000 TZ	1990 TZ
1608	1490
1609	1492
1610	1493
1611	1462
1612	1463
1613	1484
1614	1485
1615	1489, 1488pt
1616	1488pt, 1487pt, 1494pt
1617	1494pt, 1495pt
1618	1466, 1465pt
1619	1465pt
1620	1464
1621	1483
1622	1482, 1481pt
1623	1481pt
1624	1486
1625	1487pt
1626	1496, 1494pt, 1495pt
1627	1497
1628	1495pt
1629	1510
1630	1467
1631	1468
1632	1469, 1475pt
1633	1478
1634	1475pt
1635	1479
1636	1480
1637	1477
1638	1476
1639	1498, 1499pt
1640	1502
1641	1501
1642	1503
1643	1504

2000 TZ	1990 TZ
1644	1500
1645	1499pt
1646	1471, 1472pt
1647	1470pt
1648	1472pt
1649	1473, 1472pt, 1470pt
1650	1474
1651	1505
1652	1506
1653	1508
1654	1509
1655	1507