

# Population & Demographics

2009

**Part 1: Population Trends**

**CHAPTER 3**

**Part 1: Population Trends**

**Part 2: Population Projections**

The total population of the City of Westminster in 2000 was 16,731 people. Of this total, 46.8% were male and 53.2% were female. Since 1990, the City has grown at an average annual growth rate of 2.8% (Table 3.1); slightly higher than the average annual increase for Carroll County of 2.3% during the same time period. The primary reason for the disparity in these two percentages was the comparatively higher number of homes constructed within the Westminster corporate limits during the 1990's. The average annual increase for the past ten years is significantly lower than the City's average annual increase of 4.8% during the 1980's and represents a slower rate of new construction during the most recent decade.

**Table 3.1 City of Westminster Population Change, 1970 – 2000**

Age	1970	1980	70 - 80 Percent Change	1990	80 - 90 Percent Change	2000	70 - 00 Percent Change	80 - 00 Percent Change	90 - 00 Percent Change
<b>Under 5</b>	523	529	1.15	1,070	102.27	1,127	115.49	113.04	5.33
<b>5 - 9</b>	479	481	0.42	757	57.38	1,256	162.21	161.12	65.92
<b>10 - 14</b>	429	483	12.59	696	44.1	1,107	158.04	129.19	59.05
<b>15 - 19</b>	996	1064	6.83	1,073	0.85	1,382	38.76	29.89	28.8
<b>20 - 24</b>	1057	1484	40.4	1,660	11.86	1,585	49.95	6.81	-4.52
<b>25 - 34</b>	849	1473	73.5	2,699	83.23	2,538	198.94	72.3	-5.97
<b>35 - 44</b>	505	751	48.71	1,750	133.02	2,719	438.42	262.05	55.37
<b>45 - 54</b>	706	573	-18.84	825	43.98	1,771	150.85	209.08	114.67
<b>55 - 64</b>	726	738	1.65	711	-3.66	1,043	43.66	41.33	46.69
<b>65 - 74</b>	577	703	21.84	878	24.89	884	53.21	25.75	0.68
<b>75 +</b>	360	529	46.94	949	79.4	1,319	266.39	149.34	38.99
<b>Total</b>	7,207	8,808	22.21	13,068	48.37	16,731	132.15	89.95	28.03

Source: U.S. Census, 1970, 1980, 1990, and 2000.

**Section 1: Age & Race**

The age groups with the highest percentage of the population in the City of Westminster were the 20 – 24 and 35 – 39 age groups (Table 3-2). Each of these age groups included slightly less than 10% of the City's total population. The high percentage in the 20 – 24 age group was due in part to the U.S. Census being conducted in April when McDaniel College is in session. While the 20 – 24 age group remained the largest group, the actual population of that group dropped 4.5% over the past ten years. In addition, the 25 – 29 age group lost 417 people, dropping 35% since 1990. These losses were countered by large gains in the age groups comprising ages 35 – 54. Collectively, these age groups increased in population by an average of 85%. These notable swings in the age group populations indicate an aging population in the City of Westminster.

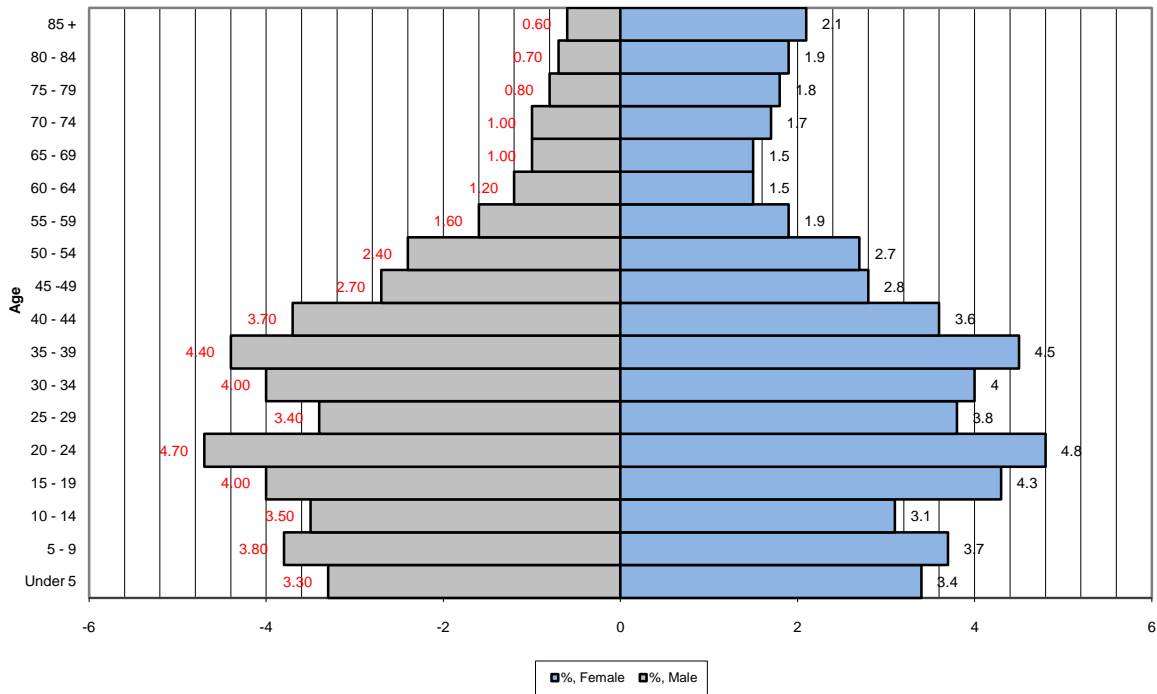
**Table 3.2 City of Westminster Population by Age and Sex, 2000**

Age	Total	Male	Female
Under 5	1,127	554	573
5 - 9	1,256	634	622
10 - 14	1,107	581	526
15 - 19	1,382	663	719
20 - 24	1,585	787	798
25 - 29	1,197	569	628
30 - 34	1,341	673	668
35 - 39	1,486	733	753
40 - 44	1,233	624	609
45 - 49	924	450	474
50 - 54	847	395	452
55 - 59	590	270	320
60 - 64	453	198	255
65 - 69	420	169	251
70 - 74	464	174	290
75 - 79	435	140	295
80 - 84	431	116	315
85 - 89	289	60	229
90 +	164	34	130
<b>Total</b>	<b>16,731</b>	<b>7,824</b>	<b>8,907</b>

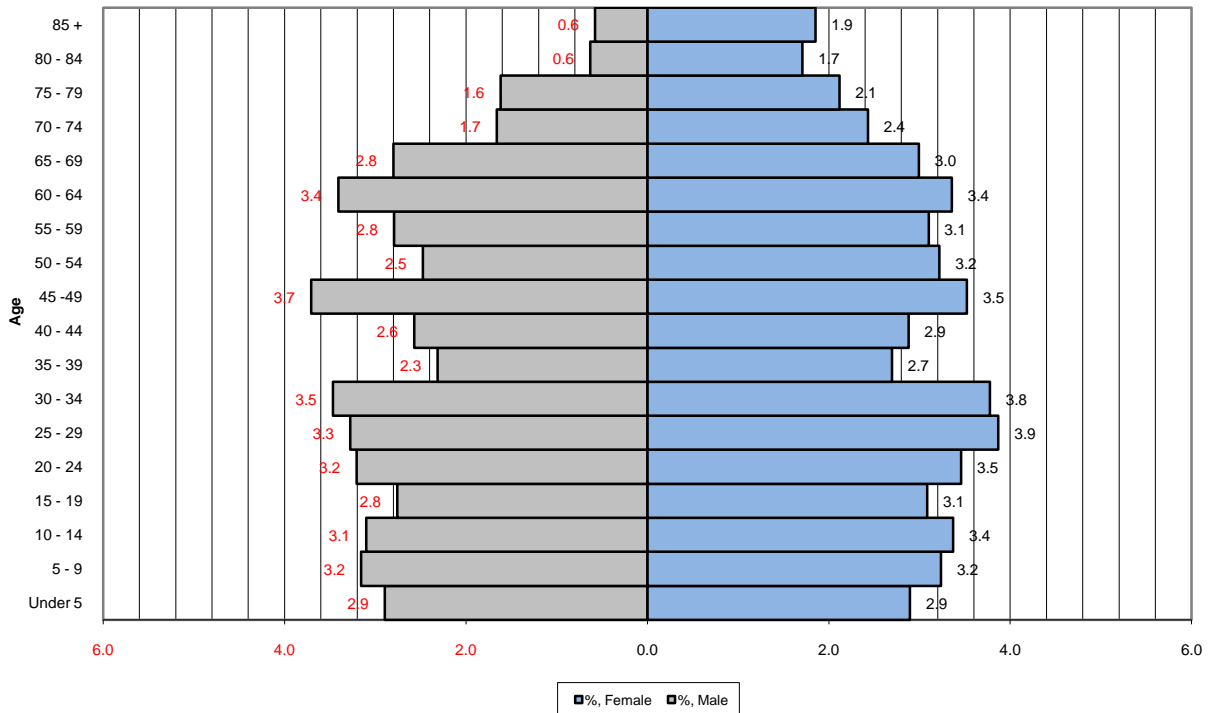
Source: U.S. Census, 2000.

The minority populations in Westminster accounted for only a small percentage of the total (Table 3.3). In 2000, blacks represented 5.5% of the population with a total of 919. Native Americans, Asian and Pacific Islanders, and other races comprised 3.2% of the City’s population. Just fewer than 300 people identified themselves as Hispanic or Latino, representing 1.8% of the City’s population. 91.3% of the City’s population identified themselves as white – just less than a 2% drop from 1990. Asians and Pacific Islanders accounted for the largest gain in population for a race group from 1990 to 2000; quadrupling from 55 people in 1990 to 207 in 2000.

**Figure 3.1 City of Westminster Population Pyramid, 2000**



**Figure 3.2 City of Westminster Population Pyramid (Projected), 2025**



**Table 3.3 City of Westminster Population by Age and Race, 2000**

Age	All Races	White	Black	Amer. Ind., Eskimo, & Aleut	Asian & Pacific Islander	Other Race	Two or More Races
0 - 4	1,127	1,007	60	1	12	12	35
5 - 17	2,906	2,565	199	8	47	27	60
18 - 24	2,424	2,204	130	5	39	18	28
25 - 44	5,257	4,807	281	12	82	40	35
45 - 64	2,814	2,582	177	11	19	8	17
65+	2,203	2,107	72	1	8	4	11
<b>Total</b>	<b>16731</b>	<b>15272</b>	<b>919</b>	<b>38</b>	<b>207</b>	<b>109</b>	<b>186</b>
<b>% of Total</b>	<b>100.0%</b>	<b>91.3%</b>	<b>5.5%</b>	<b>0.2%</b>	<b>1.2%</b>	<b>0.7%</b>	<b>1.1%</b>

Source: U.S. Census, 2000.

### Section 3: Births & Deaths

Crude birth and death rates are available for Carroll County as a whole; information for individual municipalities such as Westminster has not been tracked. For the years 1995 through 2000, the County’s average annual birth rate was 12.6 per 1,000 population (Table 3.4). During this time period, the lowest birth rate was recorded in 1999 at 12.0 births per 1,000 population, and the highest rate occurred in 1996 at 13.3 births per 1,000 population. A smaller second peak occurred in 1998 with a birth rate of 12.8.

**Table 3.4 Birth and Death Rates, Carroll County, MD 1995 – 2000**

Year	Birth Rate			Death Rate		
	Total	White	Other Races	Total	White	Other Races
1995	12.9	13.1	8.6	7.2	7.3	5.4
1996	13.3	13.4	11.7	7.2	7.4	3.8
1997	12.4	12.5	9.8	6.9	7.0	4.3
1998	12.8	12.9	12.5	7.0	7.0	5.0
1999	12.0	12.1	7.1	6.6	6.8	5.0
2000	12.6	12.6	7.6	7.6	7.7	6.2
<b>6 Year Average</b>	<b>12.7</b>	<b>12.7</b>	<b>9.6</b>	<b>7.1</b>	<b>7.2</b>	<b>5.0</b>

Source: Carroll County Demographics & Data Manual, 2003.

Death rates for the County also fluctuated between 1995 and 2000. The average annual death rate for these years was 7.1 per 1,000 population, with a low of 6.6 in 1999 and a high of 7.6 in 2000. Some of the variations in yearly birth and death rates for Carroll County can be attributed to the relatively small population of the County. For example, an increase in the number of deaths in the County by only 1.5% would result in a one-tenth increase in the death rate.

Infant mortality rates are also available only on a county-by-county basis. Infant mortality rates, recorded as the number of infant deaths per 1,000 live births, was 4.8 for all races in Carroll County in 2001 (Table 3.6). This was the second lowest rate recorded for the Baltimore Metropolitan Region, which also encompasses Baltimore City and Anne Arundel, Baltimore, Harford, and Howard Counties.

**Table 3.6 Infant Mortality in the Baltimore Metropolitan Area, 2001**

Jurisdiction	All Races		White		Black		Hispanic	
	Deaths	Rate	Deaths	Rate	Deaths	Rate	Deaths	Rate
Anne Arundel	44	6.4	30	5.4	14	14	4	---
Baltimore City	108	11.9	10	4.3	97	14.8	1	---
Baltimore County	75	8.3	36	6	36	14.2	4	---
Carroll	9	4.8	8	4.4	1	---	0	---
Harford	8	2.8	4	---	4	---	0	---
Howard	20	5.6	13	5.1	5	8.5	2	---
<b>Metro Area</b>	<b>264</b>	<b>7.9</b>	<b>101</b>	<b>4.9</b>	<b>157</b>	<b>14.2</b>	<b>11</b>	<b>11.2</b>

Source: Carroll County Demographics & Data Manual, 2003.

Infant mortality rates are generally not calculated in instances where four or fewer deaths have occurred, as the sample size is too small to provide a reliable measure of infant mortality. Since the total number of people of minority races is so small in the County, a low number of deaths result in a deceptively high percentage. Therefore, no rate is given for races other than white in the County.

### Section 4: Marital Status and Children

The U.S. Census calculates marital status figures based on the population of persons aged 15 and older. Of this group of 12,937 persons in 2000, 28% had never married and 45% were married with the spouse present (Table 3.7). Other categories included: spouse absent – separated (3%), spouse absent – other (5%), widowed (8%), and divorced (11%). A breakdown of the data by sex reveals that 13% more males than females have never been married. Additionally, there are approximately 9 widowed females for every widowed male in the City. This figure is indicative of the higher life expectancy for females nationwide.

**Table 3.7 City of Westminster Marital Status by Sex, Persons 15 Years & Older, 2000**

	Never Married	Married - Spouse Present	Married - Spouse Absent	Spouse Absent - Separated	Widowed	Divorced
Male	1,924	2,853	424	145	131	606
Female	1,705	2,855	646	265	943	850
<b>Total</b>	<b>3,629</b>	<b>5,708</b>	<b>1,070</b>	<b>410</b>	<b>1,074</b>	<b>1,456</b>
<b>Percent</b>	<b>28%</b>	<b>45%</b>	<b>8%</b>	<b>3%</b>	<b>8%</b>	<b>11%</b>

Source: U.S. Census, 2000.

Based on marital status and the presence of children, the 6,415 households present in the City of Westminster in 2000 could be divided into married couple households (42.4%), other family households (16.2%), and non-family households (41.4%). “Other family households” included those families in which one spouse was absent. A comparison of household types by race revealed several contrasts (Table 3.8). The recorded races with the highest percentage of married couple households were Asian & Pacific Islander and White with 66.1% and 43.1% respectively. The percentage of female householders with children and no husband present was 17.5% for black households, down from 25.9% in 1990. For Hispanic and Latino households, the percentage of female householders with children and no husband present was 20.1% (the 2000 Census was the first count to include a “Hispanic” option for race, so no 1990 data are available). Whites were the group with the largest percentage of non-family households with 42.1%.

**Table 3.8 City of Westminster Household Types by Race, 2000**

Household Type	All Races	White	Black	Amer. Ind., Eskimo, & Aleut	Asian & Pacific Islander	Hispanic	Other Race
<b>Family Households</b>	3,760	3,435	198	8	44	55	20
<b>Married Couple Family</b>	2,722	2,555	90	1	37	28	11
<b>With Own Children</b>	1,413	1,315	45	1	28	16	8
<b>No Own Children</b>	1,309	1,240	45	0	9	12	3
<b>Other Family</b>	1,038	880	108	7	7	27	9
<b>Female Householder,</b>							
<b>No husband present</b>	811	694	86	6	3	17	5
<b>With Own Children</b>	536	454	53	5	2	17	5
<b>No Own Children</b>	275	240	33	1	1	0	0
<b>Male Householder,</b>							
<b>No wife present</b>	227	186	22	1	4	10	4
<b>With Own Children</b>	140	114	14	1	2	5	4
<b>No Own Children</b>	87	72	8	0	2	5	0
<b>Nonfamily Households</b>	2,655	2,500	104	3	12	29	7
<b>Total Households</b>	<b>6,415</b>	<b>5,935</b>	<b>302</b>	<b>11</b>	<b>56</b>	<b>84</b>	<b>27</b>

Source: U.S. Census, 2000.

### Section 5: Place of Birth and Ancestry

Over 67% of the residents living in the City of Westminster in 2000 were born in the State of Maryland, and of the 28% of residents born in other states within the United States, half were born in a northeastern state (Table 3.9). 3.2% of the population was foreign-born, up from 1.6% in 1990.

**Table 3.9 Birthplace of City of Westminster Residents, 2000**

Place of Birth	Number of Persons	Percent
Born in the U.S.		
Born in State of Residence	11125	67.7
Born in other state in U.S.		
Northeast	2300	14
Midwest	666	4.1
South	1482	9
West	215	1.3
Born outside the U.S., Native		
Puerto Rico	42	0.3
U.S. Island Areas	0	0
Born abroad of American parent(s)	80	0.5
Foreign Born	533	3.2
<b>Total</b>	<b>16443</b>	<b>100</b>

Source: U.S. Census, 2000.

The ancestry of Westminster residents in 2000 was largely German, with other frequently reported ancestries being Irish, English, and Hispanic. Other categories that received a significant number of responses included Dutch, Italian, Polish, and United States or American.

These ancestries were reflected somewhat by the language spoken at home by persons 5 years of age and older (Table 3.10). The majority of people spoke only English at home; however, 2% spoke Spanish and the sum of all other Indo-European languages totaled 3.2%.

**Table 3.10. Language Spoken at Home by Persons 5 Years and Older, 2000**

Language	Number of Persons	Percent of Total	Percent of Non-English
English	14359	94	---
Spanish	305	2	33.2
Other Indo-European	484	3.2	52.7
Asian & Pacific Island	48	0.3	5.2
<b>Total</b>	<b>15277</b>	<b>100</b>	<b>---</b>

Source: U.S. Census, 2000.



## Section 6: Recent Migration

According to the U.S. Census, 50.3% of City residents in 2000 have moved since 1995 (Table 3.11). Of those who have moved since 1995, half have relocated from other residences within Carroll County. Combined, 75% of City residents in 2000 lived in Westminster or Carroll County in 1995. Significant sources of in-migration include other counties in the State of Maryland (15.0%), other states in the northeast (4.4%), and other states in the south (4.0%).

The lower portion of Table 3.11 reveals that a vast majority of in-state in-migration to Westminster is occurring from suburban counties in the Baltimore area. Only 7% of those who moved to Westminster from another home within the Baltimore MSA moved from Baltimore City. This figure reflects a national trend for communities located on the suburban fringe of metropolitan areas.

**Table 3.11 Place of Residence in 1995 for Residents of Westminster, 2000**

Location	Total	Percent
Same House	7344	48.1
Different House in U.S.	7689	50.3
Same County	3923	25.7
Different County	3766	24.7
Same State	2285	15.0
Different State	1481	9.7
Northeast	669	4.4
Midwest	154	1.0
South	605	4.0
West	53	0.3
Elsewhere	244	1.6
<b>Total</b>	<b>15277</b>	<b>100.0</b>
Same MSA	5589	
Central City	392	7.0
Not Central City	5197	93.0

The Baltimore Metropolitan Statistical Area (MSA) includes Harford, Baltimore, Carroll, Howard, and Anne Arundel Counties, and Baltimore City.

Source: U.S. Census, 2000.

## Section 7: Education

The 2000 Census also reported the level of educational attainment for all persons 25 years of age and older (Table 3.12) in the City of Westminster. More than 82% of residents in the City had received a high school diploma, and 24.4% of the population had completed the requirements for a college or professional degree. A comparison between 1990 and 2000 reveals that the actual number of persons age 25 and over without a high school diploma dropped significantly during the 1990s.

**Table 3.12 Educational Attainment of Persons 25 Years and Older, 2000**

Highest Level of Education	1990		2000	
	Number of Persons	Percent	Number of Persons	Percent
Less than 9th Grade	743	9.5	690	6.8
9th to 12th Grade, No Diploma	1196	15.3	1128	11.1
High School Graduate	2438	31.2	3198	31.5
Some College, No Degree	1358	17.4	2084	20.5
Associate's Degree	364	4.7	577	5.7
Bachelor's Degree	1001	12.8	1569	15.5
Graduate or Professional Degree	712	9.1	906	8.9
<b>Total</b>	<b>7812</b>	<b>100</b>	<b>10152</b>	<b>100</b>

Source: U.S. Census, 2000

Between 2000 and 2003, the graduation rate for Carroll County varied between 88.6% and 91.9% (Table 3.13). With the exception of Howard County, which had an average rate of 92.2%, the graduation rate for Carroll County was the highest in the Baltimore Metropolitan Region.

Table 3.14 shows the graduation rates for all public Carroll County high schools from 2000 – 2003. The City of Westminster is served by Westminster High School and Winters Mill High School. Westminster High School had an average graduation rate of 89.2% over the past four years.

**Table 3.13 Graduation Rates in the Baltimore Metropolitan Region, 2000 – 2003**

Jurisdiction	2000	2001	2002	2003
Anne Arundel County	80.9%	79.9%	81.4%	83.7%
Baltimore City	50.6%	58.7%	58.5%	54.2%
Baltimore County	89.5%	88.2%	88.0%	88.2%
Carroll County	90.0%	88.6%	90.5%	91.9%
Harford County	84.1%	84.1%	83.0%	85.2%
Howard County	91.3%	92.5%	91.9%	93.0%
<b>Maryland</b>	<b>81.8%</b>	<b>83.1%</b>	<b>83.8%</b>	<b>84.7%</b>

Source: Maryland Department of Education, "2003 Performance Report."

**Table 3.14 Graduation Rates for Carroll County Public High Schools, 2000–2003**

High School	2000	2001	2002	2003
Francis Scott Key	84.9%	86.9%	85.8%	91.8%
North Carroll	91.8%	89.1%	93.2%	92.7%
Winters Mill	--	--	--	--
Westminster	89.6%	87.4%	88.0%	92.0%
Century	--	--	--	--
Liberty	94.8%	93.3%	96.1%	94.5%
South Carroll	93.8%	92.6%	93.1%	92.6%
<b>Maryland</b>	<b>81.8%</b>	<b>83.1%</b>	<b>83.8%</b>	<b>84.7%</b>

Source: Maryland Department of Education, "2003 Performance Report."

**Table 3.15. City of Westminster Population Projections, 2000-2030**

Age	1990	2000	2005	2010	2015	2020	2025	2030	% Change 2000 - 2030
Under 5	1,070	1,127	1,021	1,006	1,131	1,213	1,256	1,317	23%
9-May	757	1,256	1,318	1,309	1,185	1,332	1,398	1,459	93%
14-Oct	696	1,107	1,346	1,374	1,386	1,257	1,415	1,476	112%
15 - 19	1,073	1,382	1,125	1,357	1,379	1,373	1,268	1,329	24%
20 - 24	1,660	1,585	1,477	1,131	1,439	1,484	1,461	1,522	-8%
25 - 29	1,614	1,197	1,681	1,483	1,215	1,545	1,573	1,634	1%
30 - 34	1,085	1,341	1,258	1,741	1,529	1,239	1,597	1,658	53%
35 - 39	953	1,486	1,182	1,263	1,566	1,253	1,072	1,133	19%
40 - 44	797	1,233	1,415	1,179	1,180	1,531	1,176	1,237	55%
45 - 49	418	924	1,305	1,422	1,238	1,249	1,593	1,654	296%
50 - 54	407	847	923	1,207	1,397	1,200	1,233	1,294	218%
55 - 59	302	590	942	928	1,281	1,490	1,280	1,341	344%
60 - 64	409	453	644	913	947	1,298	1,484	1,545	278%
65 - 69	383	420	468	607	877	918	1,257	1,318	244%
70 - 74	495	464	440	406	580	831	858	919	86%
75 - 79	428	435	481	389	406	572	778	839	96%
80 - 84	286	431	390	376	314	321	449	515	80%
85 +	235	453	559	529	520	462	469	530	126%
<b>Total</b>	<b>13,068</b>	<b>16,731</b>	<b>17,974</b>	<b>18,620</b>	<b>19,570</b>	<b>20,568</b>	<b>21,617</b>	<b>22,720</b>	<b>74%</b>

Source: City of Westminster Department of Planning, Zoning & Development, 2009.

## Part 2: Population Projections

Population Projections by age group are shown for the City of Westminster in Table 3.15 for five-year increments through the year 2030. The total population for the City is projected to reach 22,720 by the

year 2030, with the greatest increase occurring in the older age groups. This change in the distribution of age in Westminster's population follows a national trend and is particularly apparent in the population pyramids found in Figures 3-1 and 3-2.

The population predictions were developed using a cohort-component method, which involved applying separate birth, death, and migration rates to each male or female age group. Low, medium and high rates were determined based on previous trends and rates calculated from data provided by the Maryland Department of Health Statistics and the U.S. Census Bureau. The low, medium and high rates were then applied to base year data for 2000, the most recent year in which the Census of Population was taken. The resulting figures were compared to population estimates completed by the Carroll County Department of Planning, current development trends, and the amount of land available for future development within the City of Westminster corporate limits. It was determined that it would be most appropriate to use medium birth and death rates to project population through 2030.

To calculate population increases and decreases due to migration, a medium rate was applied to the model for the 2020 and 2025 projections to represent the expected reduction in in-migration as the amount of land available for development in the City of Westminster decreases. The low rate was used for certain age groups for all projected years to correlate with County projections and correct for bias due to the presence of McDaniel College. The 2008 Water Supply Capacity Management Plan calculated a similar population projection and dwelling unit increase for Westminster from 2010 to 2030 based on water capacity (Table 3.16). Westminster's population projection will be revised after the 2010 Census is complete in 2011.

## **Section 1: Population Trends 2000 to 2010**

The total population of the City of Westminster in 2010 was 18,620 people. From 2000 to 2010 the population of the City increased by 1,889 residents. In comparison, the 2004 Comprehensive Plan projected that the population of City was going to increase by 3,493 from 2000 to 2010. It was projected that the City was going to continue to grow at the rate it experienced in the 1990's, an average 2.8% a year, and then slow down to 1% in 2015. However, the City instead experienced a "slow-down" in growth sooner than expected. Since 2005, the City has grown at an average annual growth rate of 1% a year.

## **Section 2: Population Trends 2010 to 2030**

The 2004 Comprehensive Plan calculated population increases and decreases due to migration and used a high rate for most age groups through 2015. The 2009 Comprehensive Plan used a medium rate for most age groups starting at 2010 because the projected reduction in migration as the result of not only a limited land but a limited water for development in the City of Westminster. If the City of Westminster continues to grow at an average annual growth rate of 1% a year for the next 20 years, the population of Westminster will increase by 4,284 people by 2030, for a total population of 22,720.

**Table 3.16 Dwelling Unit Increase 2010 to 2030**

Year	Total Population	Population Increase	1% Growth Unit Estimate	Water Capacity Unit Estimate*
2010	18,620	184	78	25
2011	18,807	186	79	25
2012	18,994	188	80	25
2013	19,184	190	81	25
2014	19,376	192	82	25
2015	19,570	194	82	25
2016	19,766	196	83	110
2017	19,963	198	84	110
2018	20,163	200	85	110
2019	20,364	202	86	110
2020	20,568	204	87	110
2021	20,774	206	88	110
2022	20,981	208	88	110
2023	21,191	210	89	110
2024	21,403	212	90	110
2025	21,617	214	91	110
2026	21,833	216	92	110
2027	22,051	218	93	110
2028	22,272	221	94	110
2029	22,495	223	95	110
2030	22,720	225	96	110
<b>Total Unit Increase</b>		<b>4284</b>	<b>1823</b>	<b>1800</b>

Source: City of Westminster Department of Planning, Zoning and Development

\*2008 Water Supply Capacity Management Plan