

**Table 1-1**  
**Components of Population Change: 1980 - 2040**

Period	Population at End of		Components of Change from Previous Period							
	Period	Population Change		Births		Deaths		Natural Increase	Net Migration	
		Number	Percent	Number	Rate*	Number	Rate*		Number	Rate*
1980-1981	4,229,300	96,900	2.35	68,200	16.30	31,800	7.60	36,300	60,600	14.50
1981-1982	4,276,500	47,300	1.12	70,300	16.48	31,700	7.45	38,500	8,700	2.09
1982-1983	4,307,200	30,700	0.72	69,600	16.19	32,600	7.57	37,000	-6,300	-1.44
1983-1984	4,354,100	46,800	1.09	68,600	15.82	33,300	7.67	35,300	11,500	2.68
1984-1985	4,415,800	61,700	1.42	69,200	15.76	34,000	7.75	35,200	26,500	6.07
1985-1986	4,462,200	46,400	1.05	70,300	15.81	34,000	7.66	36,300	10,100	2.30
1986-1987	4,527,100	64,900	1.45	69,400	15.42	34,400	7.65	35,000	29,800	6.67
1987-1988	4,616,900	89,800	1.98	71,100	15.53	36,000	7.87	35,100	54,700	11.99
1988-1989	4,728,100	111,200	2.41	73,200	15.62	36,100	7.70	37,200	74,000	15.88
1989-1990	4,866,700	138,600	2.93	76,700	15.93	36,300	7.55	40,300	98,300	20.53
1990-1991	5,000,400	133,700	2.75	79,300	15.99	36,700	7.40	42,600	91,100	22.68
1991-1992	5,091,100	90,800	1.82	80,600	15.79	37,200	7.31	43,300	47,500	15.11
1992-1993	5,188,000	96,900	1.90	79,500	15.20	39,400	7.56	40,100	56,700	16.29
1993-1994	5,291,600	103,600	2.00	78,300	14.71	39,600	7.44	38,700	64,900	11.29
1994-1995	5,396,600	105,000	1.98	77,500	14.30	40,000	7.38	37,500	67,500	12.60
1995-1996	5,483,100	86,500	1.60	77,000	13.95	41,200	7.46	35,900	50,700	11.20
1996-1997	5,579,100	96,000	1.75	78,000	13.90	42,600	7.59	35,400	60,600	10.79
1997-1998	5,685,500	106,300	1.91	78,800	13.81	41,600	7.28	37,300	69,100	8.59
1998-1999	5,792,200	106,800	1.88	79,800	13.77	43,100	7.45	36,600	70,100	7.63
1999-2000	5,894,100	101,900	1.76	79,900	13.62	43,700	7.46	36,100	65,800	4.64
2000-2001	5,970,500	76,300	1.29	80,700	13.61	43,900	7.40	36,800	39,500	6.66
2001-2002	6,059,700	89,200	1.48	79,300	13.18	44,900	7.46	34,400	54,900	9.12
2002-2003	6,126,900	67,200	1.10	79,100	12.98	44,700	7.34	34,300	32,900	5.40
2003-2004	6,208,500	81,600	1.32	81,000	13.13	46,000	7.46	34,900	46,700	7.57
2004-2005	6,298,800	90,300	1.44	81,800	13.09	45,600	7.29	36,200	54,000	8.64
2005-2006	6,420,200	121,400	1.91	83,200	13.08	45,300	7.12	37,900	83,500	13.14
2006-2007	6,525,100	104,900	1.62	87,800	13.56	46,200	7.13	41,600	63,300	9.78
2007-2008	6,608,200	83,100	1.27	89,600	13.64	47,900	7.30	41,600	41,500	6.32
2008-2009	6,672,300	64,000	0.96	89,800	13.53	48,100	7.25	41,700	22,300	3.36
2009-2010	6,724,500	52,300	0.78	88,400	13.20	47,700	7.12	40,700	11,500	1.72
2010-2011	6,767,900	43,400	0.64	86,400	12.80	48,800	7.23	37,600	5,800	0.85
2011-2012	6,817,800	49,900	0.73	87,100	12.83	49,200	7.25	37,900	12,000	1.76
2012-2013	6,882,400	64,600	0.94	87,300	12.74	51,100	7.46	36,100	28,500	4.16
2013-2014	6,968,200	85,800	1.24	87,000	12.57	50,700	7.32	36,300	49,500	7.14
2014-2015	7,061,400	93,200	1.33	88,500	12.61	52,800	7.53	35,600	57,600	8.21
2015-2016	7,183,700	122,300	1.72	89,800	12.61	54,700	7.67	35,200	87,100	12.23
2016-2017	7,310,300	126,600	1.75	89,700	12.37	56,100	7.74	33,600	93,000	12.83
2017-2018	7,427,600	117,300	1.59	88,700	12.04	56,600	7.68	32,100	85,200	11.56
2018-2019	7,539,800	112,200	1.50	90,000	12.03	57,400	7.67	32,600	79,600	10.63
2019-2020	7,649,800	110,100	1.45	91,000	11.98	58,400	7.68	32,600	77,400	10.19
2020-2021	7,753,200	103,300	1.34	92,000	11.95	59,500	7.72	32,500	70,800	9.19
2020-2022	7,850,200	97,000	1.24	94,000	12.04	60,600	7.77	33,300	63,700	8.17
2020-2023	7,942,400	92,300	1.17	94,800	12.00	61,900	7.83	32,900	59,400	7.52
2020-2024	8,024,600	82,200	1.03	95,400	11.95	63,200	7.92	32,200	50,000	6.26
2020-2025	8,104,900	80,300	1.00	95,800	11.88	64,600	8.01	31,300	49,000	6.08
2025-2026	8,186,600	81,700	1.00	97,200	11.93	66,000	8.10	31,200	50,500	6.20
2026-2027	8,268,300	81,700	0.99	97,700	11.87	67,500	8.20	30,200	51,500	6.26
2027-2028	8,350,000	81,700	0.98	98,300	11.83	69,100	8.32	29,200	52,500	6.32
2028-2029	8,431,500	81,500	0.97	98,900	11.78	70,900	8.45	28,000	53,500	6.38
2029-2030	8,512,400	81,000	0.96	99,400	11.74	72,700	8.58	26,800	54,200	6.40
2030-2031	8,591,800	79,400	0.93	100,000	11.69	74,300	8.69	25,700	53,700	6.28
2031-2032	8,670,200	78,400	0.91	100,600	11.65	75,900	8.80	24,700	53,700	6.22
2032-2033	8,747,600	77,400	0.89	101,200	11.62	78,000	8.95	23,200	54,200	6.22
2033-2034	8,822,800	75,200	0.86	101,900	11.59	79,900	9.09	22,000	53,200	6.06
2034-2035	8,895,900	73,100	0.83	102,500	11.57	81,600	9.21	20,900	52,200	5.89
2035-2036	8,967,100	71,200	0.80	103,100	11.55	83,200	9.31	20,000	51,200	5.73
2036-2037	9,036,400	69,300	0.77	103,800	11.53	84,600	9.40	19,100	50,200	5.58
2037-2038	9,104,000	67,500	0.74	104,400	11.51	86,000	9.49	18,300	49,200	5.42
2038-2039	9,170,200	66,200	0.72	105,000	11.49	87,500	9.57	17,500	48,700	5.33
2039-2040	9,235,600	65,400	0.71	105,400	11.45	88,700	9.64	16,700	48,700	5.29
1980-1990		734,300		706,600		340,200		366,200	367,900	
1990-2000		1,027,500		788,700		405,100		383,500	644,000	
2000-2010		830,300		840,700		460,300		380,100	450,100	
2010-2020		925,400		885,500		535,800		349,600	575,700	
2020-2030		862,700		963,500		656,000		307,600	555,100	
2030-2040		723,100		1,027,900		819,700		208,100	515,000	
2010-2040		2,511,200		2,876,900		2,011,500		865,300	1,645,800	

\* Rates are calculated per 1,000 midpoint population.

Source: Forecasts of the State Population, November 2018 Forecast, Washington State Office of Financial Management.

**Table 2-1**  
**Washington Labor Force by Age and Sex, 2010 and 2040**

Age	Labor Force				Labor force Participation Rate		
	2010	2040	Net Addition	Percent Change	2010	2040	Percentage Pt. Difference
16-19	140,900	163,600	22,700	16.1%	38.2%	37.2%	-1.0%
20-24	335,600	416,100	80,500	24.0%	76.7%	77.3%	0.7%
25-54	2,337,200	2,943,800	606,600	26.0%	84.2%	86.0%	1.8%
55-64	572,600	722,700	150,100	26.2%	67.9%	71.2%	3.3%
65-69	80,000	156,400	76,400	95.5%	29.3%	35.4%	6.0%
70+	44,900	186,400	141,500	315.1%	8.2%	12.2%	3.9%
<b>Total</b>	<b>3,511,200</b>	<b>4,589,000</b>	<b>1,077,800</b>	<b>30.7%</b>	<b>67.0%</b>	<b>62.1%</b>	<b>-4.9%</b>
<b>Male</b>							
16-19	66,700	79,100	12,400	18.6%	35.6%	35.4%	-0.2%
20-24	163,700	203,600	39,900	24.4%	75.7%	76.3%	0.6%
25-54	1,236,400	1,561,800	325,400	26.3%	89.9%	91.0%	1.1%
55-64	297,500	377,000	79,500	26.7%	72.4%	74.4%	1.9%
65-69	45,700	83,300	37,600	82.3%	34.6%	38.4%	3.8%
70+	27,000	108,300	81,300	301.1%	11.4%	15.4%	3.9%
<b>Total</b>	<b>1,837,000</b>	<b>2,413,100</b>	<b>576,100</b>	<b>31.4%</b>	<b>71.8%</b>	<b>66.4%</b>	<b>-5.4%</b>
<b>Female</b>							
16-19	74,200	84,500	10,300	13.9%	41.0%	39.1%	-1.9%
20-24	171,900	212,500	40,600	23.6%	77.6%	78.3%	0.8%
25-54	1,100,800	1,382,000	281,200	25.5%	78.6%	80.9%	2.4%
55-64	275,100	345,700	70,600	25.7%	63.6%	68.0%	4.4%
65-69	34,300	73,100	38,800	113.1%	24.4%	32.4%	8.0%
70+	17,900	78,100	60,200	336.3%	5.8%	9.4%	3.6%
<b>Total</b>	<b>1,674,200</b>	<b>2,175,900</b>	<b>501,700</b>	<b>30.0%</b>	<b>62.3%</b>	<b>57.9%</b>	<b>-4.4%</b>

**Table 2-2**

**Washington Labor Force Participation and Education, 2017**

<b>Schooling Completed</b>	<b>Age 25-34</b>		<b>Age 35-44</b>		<b>Age 45-54</b>		<b>Age 55-64</b>		<b>Age 65 and over</b>	
	<b>LFPR*</b>	<b>Pop. %</b>	<b>LFPR*</b>	<b>Pop. %</b>						
Did not graduate High school	66.3%	7.8%	72.9%	9.7%	69.8%	9.1%	43.2%	7.4%	8.8%	9.7%
High school graduate	80.0%	21.5%	77.4%	19.1%	76.2%	21.6%	60.5%	23.3%	12.4%	24.3%
Some college or associate degree	82.2%	32.6%	81.5%	32.1%	81.9%	33.4%	65.4%	36.8%	17.2%	33.3%
BA or higher	89.4%	38.1%	87.9%	39.1%	88.3%	35.9%	74.0%	32.6%	20.7%	32.7%
<b>Total</b>	83.2%	100.0%	82.4%	100.0%	81.9%	100.0%	65.4%	100.0%	16.4%	100.0%

\* Labor Force Participation Rate

Source: 2017 American Community Survey, extracted via PUMS

**Table 2-3**  
**Washington Labor Force Change**

<b>Changes in Labor Force</b>			
<b>Decade</b>	<b>Number (thousands)</b>	<b>Percent Change (%)</b>	<b>Average Annual Growth Rate (%)</b>
1950-1960	149.8	15.9	5.5
1960-1970	320.1	29.4	2.6
1970-1980	567.5	40.0	3.4
1980-1990	552.4	27.8	2.5
1990-2000	534.0	21.1	1.9
2000-2010	452.0	14.8	1.4
<b>Forecast</b>			
2010-2020	414.3	11.8	1.1
2020-2030	347.5	8.9	0.9
2030-2040	315.8	7.4	0.7

**Table 2-4**  
**Actual and Forecast Washington Labor Force**

Year	Total Population	Civilian Non-Institutional Population			Labor Force			Labor Force Participation Rate		
		Total 16 & Over	Male 16 & Over	Female 16 & Over	Total	Male	Female	Total	Male	Female
1970	3,413,200	2,303,700	1,101,000	1,202,700	1,417,100	na	na	61.5	na	na
1971	3,436,300	2,332,800	1,116,700	1,216,100	1,401,100	na	na	60.1	na	na
1972	3,430,300	2,365,600	1,136,400	1,229,300	1,433,600	na	na	60.6	na	na
1973	3,444,300	2,410,500	1,157,600	1,252,900	1,483,800	na	na	61.6	na	na
1974	3,508,700	2,476,800	1,189,400	1,287,300	1,528,700	na	na	61.7	na	na
1975	3,567,900	2,541,700	1,222,600	1,319,100	1,562,200	942,200	620,000	61.5	77.1	47.0
1976	3,634,900	2,633,700	1,267,600	1,366,100	1,618,800	964,600	654,200	61.5	76.1	47.9
1977	3,715,400	2,719,000	1,310,500	1,408,500	1,696,800	1,006,200	690,600	62.4	76.8	49.0
1978	3,836,200	2,823,300	1,364,600	1,458,700	1,809,300	1,067,900	741,400	64.1	78.3	50.8
1979	3,979,200	2,940,300	1,423,500	1,516,800	1,930,400	1,137,600	792,800	65.7	79.9	52.3
1980	4,132,200	3,056,100	1,477,300	1,578,800	1,984,700	1,157,300	827,400	64.9	78.3	52.4
1981	4,229,300	3,121,600	1,507,900	1,613,700	1,997,400	1,158,600	838,800	64.0	76.8	52.0
1982	4,276,500	3,158,000	1,526,200	1,631,800	2,023,500	1,160,100	863,400	64.1	76.0	52.9
1983	4,307,200	3,186,800	1,538,500	1,648,300	2,056,800	1,167,700	889,100	64.5	75.9	53.9
1984	4,354,100	3,226,100	1,557,200	1,668,900	2,064,200	1,177,200	887,000	64.0	75.6	53.1
1985	4,415,800	3,258,800	1,573,300	1,685,500	2,097,700	1,185,900	911,800	64.4	75.4	54.1
1986	4,462,200	3,328,400	1,608,000	1,720,400	2,188,100	1,214,900	973,200	65.7	75.6	56.6
1987	4,527,100	3,398,800	1,642,000	1,756,800	2,257,400	1,234,300	1,023,100	66.4	75.2	58.2
1988	4,616,900	3,477,300	1,678,900	1,798,400	2,326,800	1,253,000	1,073,800	66.9	74.6	59.7
1989	4,728,100	3,554,800	1,717,000	1,837,800	2,451,100	1,356,100	1,095,500	69.0	79.0	59.6
1990	4,866,700	3,676,400	1,780,800	1,895,600	2,525,300	1,371,500	1,153,800	68.7	77.0	60.9
1991	5,000,400	3,762,300	1,824,300	1,938,000	2,546,000	1,378,500	1,167,500	67.7	75.6	60.2
1992	5,091,100	3,857,900	1,873,100	1,984,800	2,635,800	1,425,100	1,210,700	68.3	76.1	61.0
1993	5,188,000	3,954,300	1,923,200	2,031,100	2,692,300	1,451,300	1,241,000	68.1	75.5	61.1
1994	5,291,600	4,036,300	1,964,200	2,072,100	2,739,500	1,486,100	1,253,400	67.9	75.7	60.5
1995	5,396,600	4,118,600	2,005,500	2,113,100	2,811,300	1,523,800	1,287,500	68.3	76.0	60.9
1996	5,483,100	4,193,100	2,042,700	2,150,400	2,884,900	1,560,200	1,324,700	68.8	76.4	61.6
1997	5,579,100	4,273,200	2,082,700	2,190,500	2,981,700	1,608,100	1,373,600	69.8	77.2	62.7
1998	5,685,500	4,348,300	2,122,300	2,226,000	3,050,500	1,646,500	1,404,000	70.2	77.6	63.1
1999	5,792,200	4,409,000	2,154,100	2,254,900	3,085,500	1,667,600	1,417,900	70.0	77.4	62.9
2000	5,894,100	4,465,700	2,177,400	2,288,300	3,059,300	1,645,800	1,413,500	68.5	75.6	61.8
2001	5,970,500	4,534,300	2,211,900	2,322,400	3,039,400	1,631,500	1,407,900	67.0	73.8	60.6
2002	6,059,700	4,601,400	2,245,400	2,356,000	3,082,800	1,658,500	1,424,300	67.0	73.9	60.5
2003	6,126,900	4,661,000	2,274,500	2,386,500	3,127,400	1,666,800	1,460,600	67.1	73.3	61.2
2004	6,208,500	4,737,700	2,314,500	2,423,200	3,197,100	1,706,200	1,490,900	67.5	73.7	61.5
2005	6,298,800	4,817,300	2,354,500	2,462,800	3,263,700	1,737,700	1,526,000	67.7	73.8	62.0
2006	6,420,200	4,915,800	2,404,000	2,511,800	3,323,900	1,768,900	1,555,000	67.6	73.6	61.9
2007	6,525,100	5,005,700	2,451,200	2,554,500	3,403,200	1,808,200	1,595,000	68.0	73.8	62.4
2008	6,608,200	5,089,200	2,490,900	2,598,300	3,478,600	1,838,800	1,639,800	68.4	73.8	63.1
2009	6,672,300	5,174,100	2,532,100	2,642,000	3,535,200	1,858,400	1,676,800	68.3	73.4	63.5
2010	6,724,500	5,244,600	2,557,900	2,686,700	3,511,300	1,837,100	1,674,200	67.0	71.8	62.3
2011	6,767,900	5,305,100	2,587,600	2,717,500	3,461,400	1,813,300	1,648,100	65.2	70.1	60.6
2012	6,817,800	5,374,500	2,620,200	2,754,300	3,471,300	1,812,300	1,659,000	64.6	69.2	60.2
2013	6,882,400	5,438,800	2,652,300	2,786,500	3,463,900	1,807,600	1,656,300	63.7	68.2	59.4
2014	6,968,200	5,515,700	2,690,600	2,825,100	3,489,700	1,819,900	1,669,800	63.3	67.6	59.1
2015	7,061,400	5,609,500	2,753,400	2,856,100	3,550,500	1,881,300	1,669,200	63.3	68.3	58.4
<b>FORECAST</b>										
2020	7,649,800	6,077,200	2,983,700	3,093,500	3,925,600	2,065,400	1,860,200	64.6	69.2	60.1
2025	8,104,900	6,432,800	3,159,800	3,273,000	4,129,500	2,161,000	1,968,500	64.2	68.4	60.1
2030	8,512,400	6,773,700	3,327,600	3,446,100	4,273,100	2,239,100	2,034,000	63.1	67.3	59.0
2035	8,895,900	7,091,700	3,484,900	3,606,800	4,425,600	2,324,100	2,101,500	62.4	66.7	58.3
2040	9,235,600	7,391,800	3,635,300	3,756,500	4,588,900	2,413,100	2,175,800	62.1	66.4	57.9

**Notes:**

Total population is based on the November 2018 official Office of Financial Management population estimates and forecasts.

Total population estimates and forecasts are for April 1st of each year.

Estimates and forecasts of civilian non-institutional population, labor force, and labor force participation rate are based on the "annual average" concept.

Projection of the civilian non-institutional population is based on 2010 proportion of the male and female Washington population participating in the military or residing in prisons, nursing homes, and other institutions.

Labor force participation rates represent the proportion of civilian non-institutional population that is employed or unemployed based on Bureau of Labor Statistics definitions.

**Table 2-5**

**Washington Labor Force Composition by Race**

<b>Year</b>	<b>Total Labor Force (1000s)</b>	<b>Share of Total Labor Force</b>					<b>Total Non-White</b>	<b>Hispanic</b>
		<b>White</b>	<b>African American</b>	<b>Asian</b>	<b>Other</b>			
2015	3,546.0	81.8%	3.8%	8.4%	6.0%	18.2%	11.3%	
2020	4,058.7	79.2%	3.9%	10.0%	6.8%	20.7%	12.7%	
2025	4,235.2	77.0%	4.1%	11.1%	7.8%	23.0%	14.4%	
2030	4,382.5	74.8%	4.3%	12.1%	8.8%	25.2%	16.1%	
2035	4,538.9	72.7%	4.5%	12.9%	9.9%	27.3%	17.6%	
2040	4,588.9	70.8%	4.7%	13.5%	11.0%	29.2%	18.8%	

**Table 3-1  
Washington Labor Force and Employment**

<b>Year</b>	<b>Labor Force</b>	<b>Total Employed</b>	<b>Unemployed</b>	<b>Unemployment Rate (%)</b>	<b>Total Non-Agricultural Employment</b>
1970	1,417,100	1,285,900	131,200	9.3	1,079,300
1971	1,401,100	1,259,200	141,900	10.1	1,064,400
1972	1,433,600	1,296,900	136,700	9.5	1,100,100
1973	1,483,800	1,366,700	117,100	7.9	1,152,200
1974	1,528,700	1,419,700	109,000	7.1	1,199,100
1975	1,562,200	1,412,300	149,900	9.6	1,225,700
1976	1,618,800	1,474,900	143,900	8.9	1,282,900
1977	1,696,800	1,553,300	143,500	8.5	1,366,900
1978	1,809,300	1,685,400	124,000	6.9	1,485,400
1979	1,930,400	1,802,100	128,400	6.6	1,581,200
1980	1,984,700	1,823,900	160,800	8.1	1,608,300
1981	1,997,400	1,806,700	190,800	9.6	1,612,000
1982	2,023,500	1,781,700	241,800	11.9	1,568,600
1983	2,056,800	1,828,700	228,100	11.1	1,586,200
1984	2,064,200	1,872,600	191,600	9.3	1,659,600
1985	2,097,700	1,922,400	175,300	8.4	1,710,400
1986	2,188,100	2,010,400	177,600	8.1	1,769,900
1987	2,257,400	2,091,800	165,600	7.3	1,851,800
1988	2,326,800	2,180,100	146,700	6.3	1,941,900
1989	2,451,100	2,306,900	144,200	5.9	2,048,200
1990	2,525,300	2,392,900	132,400	5.2	2,147,600
1991	2,546,000	2,384,300	161,700	6.3	2,182,100
1992	2,635,800	2,442,500	193,300	7.3	2,227,600
1993	2,692,300	2,495,000	197,300	7.3	2,266,900
1994	2,739,500	2,559,900	179,500	6.6	2,316,700
1995	2,811,300	2,630,200	181,100	6.4	2,361,300
1996	2,884,900	2,710,200	174,700	6.1	2,430,700
1997	2,981,700	2,835,500	146,200	4.9	2,536,400
1998	3,050,500	2,904,300	146,200	4.8	2,621,500
1999	3,085,500	2,935,200	150,300	4.9	2,679,400
2000	3,059,300	2,901,500	157,800	5.2	2,746,100
2001	3,039,400	2,847,900	191,500	6.3	2,735,200
2002	3,082,800	2,854,800	228,100	7.4	2,694,000
2003	3,127,400	2,895,900	231,500	7.4	2,701,700
2004	3,197,100	2,996,800	200,300	6.3	2,739,700
2005	3,263,700	3,082,400	181,300	5.6	2,812,500
2006	3,323,900	3,156,600	167,300	5.0	2,894,200
2007	3,403,200	3,243,300	159,900	4.7	2,968,400
2008	3,478,600	3,291,300	187,300	5.4	2,993,800
2009	3,535,200	3,211,600	323,600	9.2	2,862,800
2010	3,511,300	3,160,500	350,800	10.0	2,836,200
2011	3,461,400	3,140,200	321,200	9.3	2,872,500
2012	3,471,300	3,189,300	282,000	8.1	2,919,600
2013	3,463,900	3,219,800	244,000	7.0	2,984,000
2014	3,491,500	3,277,500	213,900	6.1	3,057,200
2015	3,550,500	3,350,000	200,500	5.6	3,146,800
2016	3,643,700	3,451,400	192,300	5.3	3,244,600
2017	3,718,900	3,543,700	175,200	4.7	3,322,400
2018	3,793,100	3,622,300	170,800	4.5	3,411,200
<b>Forecast</b>					
2020	4,023,800	3,854,800	169,000	4.2	3,537,900
2030	4,273,100	4,068,000	205,100	4.8	3,816,600
2040	4,588,900	4,377,800	211,100	4.6	4,126,500
<b>Change</b>					
1970-1980	567,600	538,000	---	---	529,000
1980-1990	540,600	569,000	---	---	539,300
1990-2000	534,000	508,600	---	---	598,500
2000-2010	452,000	259,000	---	---	90,100
2010-2020	512,500	694,300	---	---	701,700
2020-2030	249,300	213,200	---	---	278,700
2030-2040	315,800	309,800	---	---	309,900
<b>Growth Rates</b>					
1970-1980	3.4%	3.6%	---	---	4.1%
1980-1990	2.4%	2.8%	---	---	2.9%
1990-2000	1.9%	1.9%	---	---	2.5%
2000-2010	1.4%	0.9%	---	---	0.3%
2010-2020	1.4%	2.0%	---	---	2.2%
2020-2030	0.6%	0.5%	---	---	0.8%
2030-2040	0.7%	0.7%	---	---	0.8%

**Table 3-2  
Washington Non-Agricultural Wage and Salary Employment by Industry (in thousands)**

	Actuals						Forecast					Average Annual Growth Rates (%)				
	1990	1995	2000	2005	2010	2015	2020	2025	2030	2035	2040	1990-00	2000-10	2010-20	2020-30	2030-40
<b>Total Non-Agricultural Employment</b>	2,147,600	2,361,100	2,746,400	2,812,300	2,835,900	3,146,800	3,537,900	3,680,100	3,816,600	3,974,400	4,126,500	2.5%	0.3%	2.2%	0.8%	0.8%
<b>Goods Producing</b>	465,400	444,400	502,600	458,900	404,800	471,600	512,700	516,500	517,800	521,500	525,700	0.8%	-2.1%	2.4%	0.1%	0.2%
Natural resources and mining	12,600	10,400	10,000	9,000	5,900	6,300	6,500	6,600	6,600	6,600	6,500	-2.3%	-5.1%	1.0%	0.2%	-0.2%
Construction	116,700	122,500	160,600	177,400	140,700	173,300	215,700	212,900	215,200	217,700	219,800	3.2%	-1.3%	4.4%	0.0%	0.2%
<b>Manufacturing</b>	336,100	311,400	331,900	272,600	258,200	291,900	290,500	297,000	295,900	297,200	299,300	-0.1%	-2.5%	1.2%	0.2%	0.1%
<b>Nondurable manufacturing</b>	90,100	98,900	95,400	81,100	73,900	80,800	86,000	88,000	89,000	90,200	91,200	0.6%	-2.5%	1.5%	0.3%	0.2%
Foods	36,800	39,900	38,900	33,800	33,600	36,800	38,200	39,100	40,900	42,700	44,500	0.6%	-1.5%	1.3%	0.7%	0.8%
Paper and paper products	16,500	15,700	14,400	12,200	9,400	8,000	7,100	6,700	6,700	6,800	6,700	-1.4%	-4.2%	-2.8%	-0.6%	0.0%
Printing and related supports	11,000	12,700	11,600	8,500	6,100	5,800	5,500	5,100	4,500	4,000	3,500	0.5%	-6.2%	-1.0%	-2.0%	-2.5%
Petroleum, chemicals, plastics & rubber	9,300	11,500	12,500	12,600	10,600	11,000	11,800	12,100	12,300	12,400	12,500	3.0%	-1.6%	1.1%	0.4%	0.2%
Other nondurables	16,600	19,000	17,900	14,100	14,300	19,100	23,400	25,100	24,700	24,300	23,900	0.8%	-2.2%	5.0%	0.5%	-0.3%
<b>Durable manufacturing</b>	246,000	212,500	236,500	191,500	184,300	211,200	204,500	209,000	206,900	207,000	208,100	-0.4%	-2.5%	1.0%	0.1%	0.1%
Wood products	24,000	22,500	21,900	20,000	12,900	13,300	12,900	13,100	11,800	10,500	9,000	-0.9%	-5.2%	0.0%	-0.9%	-2.7%
Nonmetallic mineral products	7,300	8,100	9,000	9,700	8,700	9,400	9,600	9,500	9,600	9,600	9,600	2.1%	-0.3%	1.0%	0.0%	0.0%
Primary metals	12,700	11,100	10,900	5,100	4,700	5,700	5,500	4,700	4,300	4,000	3,600	-1.5%	-8.1%	1.6%	-2.4%	-1.8%
Fabricated metal products	15,400	16,900	18,900	18,000	16,700	20,100	21,300	22,300	22,600	23,400	23,900	2.1%	-1.2%	2.5%	0.6%	0.6%
Machinery	11,700	12,500	15,600	13,500	11,800	15,800	16,700	18,500	18,700	18,500	18,100	2.9%	-2.8%	3.5%	1.1%	-0.3%
Computer and electronic products	29,100	27,600	34,400	22,200	19,100	19,900	19,800	22,100	22,400	23,100	24,100	1.7%	-5.7%	0.4%	1.2%	0.7%
Electrical equipment and appliances	2,300	3,000	4,200	4,300	3,900	4,900	5,800	6,900	7,200	7,600	8,100	6.2%	-0.7%	4.0%	2.2%	1.2%
Aerospace product and parts	113,000	80,200	86,200	65,600	80,800	94,000	84,900	84,300	82,600	82,000	83,000	-2.7%	-0.6%	0.5%	-0.3%	0.0%
Other transportation equipment	13,100	12,800	13,400	13,200	8,900	10,200	9,000	7,600	6,900	6,600	6,200	0.2%	-4.0%	0.1%	-2.6%	-1.1%
Other durables	17,300	17,800	22,100	19,800	16,700	17,800	19,100	19,900	20,700	21,700	22,600	2.5%	-2.8%	1.4%	0.8%	0.9%
<b>Services Producing</b>	1,682,200	1,916,800	2,243,800	2,353,400	2,431,100	2,675,200	3,025,200	3,163,600	3,298,800	3,452,900	3,600,900	2.9%	0.8%	2.2%	0.9%	0.9%
Wholesale trade	101,400	109,200	121,300	122,200	120,200	132,000	142,300	142,700	142,600	142,900	143,100	1.8%	-0.1%	1.7%	0.0%	0.0%
Retail trade	247,800	271,600	315,300	316,100	308,100	355,000	402,200	409,400	425,500	446,100	463,900	2.4%	-0.2%	2.7%	0.6%	0.9%
Transportation, warehousing, utilities	84,000	87,400	95,000	91,700	88,200	100,900	111,100	110,200	112,200	114,100	115,600	1.2%	-0.7%	2.3%	0.1%	0.3%
<b>Information sector</b>	49,600	64,200	97,600	94,700	103,000	114,400	140,900	148,200	148,700	153,600	157,000	7.0%	0.5%	3.2%	0.5%	0.5%
Newspaper/periodical/book publishing	9,900	12,000	13,700	11,200	8,200	6,200	4,600	3,200	2,600	2,300	2,200	3.3%	-5.0%	-5.6%	-5.5%	-1.7%
Software	7,300	17,800	32,200	41,300	50,900	55,900	67,000	72,300	75,900	78,500	80,100	16.0%	4.7%	2.8%	1.3%	0.5%
Other information	32,300	34,400	51,700	42,200	43,900	52,300	69,300	72,700	70,200	72,700	74,700	4.8%	-1.6%	4.7%	0.1%	0.6%
<b>Financial activities</b>	115,800	124,500	145,300	157,800	138,100	147,700	162,400	158,000	159,000	161,500	161,400	2.3%	-0.5%	1.6%	-0.2%	0.1%
Professional and business services	197,700	234,100	304,400	316,400	326,900	389,700	463,000	512,300	544,500	581,000	620,400	4.4%	0.7%	3.5%	1.6%	1.3%
Education and health services	208,100	263,000	323,600	361,500	424,700	448,500	508,400	534,000	563,900	598,100	630,400	4.5%	2.8%	1.8%	1.0%	1.1%
Leisure and hospitality	190,700	221,500	251,900	263,600	266,600	310,100	355,100	365,300	376,100	394,100	409,500	2.8%	0.6%	2.9%	0.6%	0.9%
Other services	89,500	96,900	106,100	102,600	105,400	115,000	127,900	129,600	126,600	123,500	120,800	1.7%	-0.1%	2.0%	-0.1%	-0.5%
Federal government	73,700	70,100	69,900	69,600	75,600	73,200	77,600	76,500	79,900	77,600	81,300	-0.5%	0.8%	0.3%	0.3%	0.2%
State and local government	323,900	374,300	413,500	457,200	474,400	488,800	534,300	577,500	619,700	660,400	697,400	2.5%	1.4%	1.2%	1.5%	1.2%

**Table 3-3**  
**Share of Washington Non-Agricultural Wage and Salary Employment by Industry**

	Actuals						Forecast				
	1990	1995	2000	2005	2010	2015	2020	2025	2030	2035	2040
<b>Goods Producing</b>	21.7%	18.8%	18.3%	16.3%	14.3%	15.0%	14.5%	14.0%	13.6%	13.1%	12.7%
<b>Natural resources and mining</b>	0.6%	0.4%	0.4%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%
<b>Construction</b>	5.4%	5.2%	5.8%	6.3%	5.0%	5.5%	6.1%	5.8%	5.6%	5.5%	5.3%
<b>Manufacturing</b>	15.7%	13.2%	12.1%	9.7%	9.1%	9.3%	8.2%	8.1%	7.8%	7.5%	7.3%
<b>Nondurable manufacturing</b>	4.2%	4.2%	3.5%	2.9%	2.6%	2.6%	2.4%	2.4%	2.3%	2.3%	2.2%
<b>Foods</b>	1.7%	1.7%	1.4%	1.2%	1.2%	1.2%	1.1%	1.1%	1.1%	1.1%	1.1%
<b>Paper and paper products</b>	0.8%	0.7%	0.5%	0.4%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%	0.2%
<b>Printing and related supports</b>	0.5%	0.5%	0.4%	0.3%	0.2%	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%
<b>Petroleum, chemicals, plastics &amp; rubber</b>	0.4%	0.5%	0.5%	0.4%	0.4%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%
<b>Other nondurables</b>	0.8%	0.8%	0.7%	0.5%	0.5%	0.6%	0.7%	0.7%	0.6%	0.6%	0.6%
<b>Durable manufacturing</b>	11.5%	9.0%	8.6%	6.8%	6.5%	6.7%	5.8%	5.7%	5.4%	5.2%	5.0%
<b>Wood products</b>	1.1%	1.0%	0.8%	0.7%	0.5%	0.4%	0.4%	0.4%	0.3%	0.3%	0.2%
<b>Nonmetallic mineral products</b>	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.3%	0.2%	0.2%
<b>Primary metals</b>	0.6%	0.5%	0.4%	0.2%	0.2%	0.2%	0.2%	0.1%	0.1%	0.1%	0.1%
<b>Fabricated metal products</b>	0.7%	0.7%	0.7%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%
<b>Machinery</b>	0.5%	0.5%	0.6%	0.5%	0.4%	0.5%	0.5%	0.5%	0.5%	0.5%	0.4%
<b>Computer and electronic products</b>	1.4%	1.2%	1.3%	0.8%	0.7%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%
<b>Electrical equipment and appliances</b>	0.1%	0.1%	0.2%	0.2%	0.1%	0.2%	0.2%	0.2%	0.2%	0.2%	0.2%
<b>Aerospace product and parts</b>	5.3%	3.4%	3.1%	2.3%	2.8%	3.0%	2.4%	2.3%	2.2%	2.1%	2.0%
<b>Other transportation equipment</b>	0.6%	0.5%	0.5%	0.5%	0.3%	0.3%	0.3%	0.2%	0.2%	0.2%	0.2%
<b>Other durables</b>	0.8%	0.8%	0.8%	0.7%	0.6%	0.6%	0.5%	0.5%	0.5%	0.5%	0.5%
<b>Services Producing</b>	78.3%	81.2%	81.7%	83.7%	85.7%	85.0%	85.5%	86.0%	86.4%	86.9%	87.3%
<b>Wholesale trade</b>	4.7%	4.6%	4.4%	4.3%	4.2%	4.2%	4.0%	3.9%	3.7%	3.6%	3.5%
<b>Retail trade</b>	11.5%	11.5%	11.5%	11.2%	10.9%	11.3%	11.4%	11.1%	11.1%	11.2%	11.2%
<b>Transportation, warehousing, utilities</b>	3.9%	3.7%	3.5%	3.3%	3.1%	3.2%	3.1%	3.0%	2.9%	2.9%	2.8%
<b>Information sector</b>	2.3%	2.7%	3.6%	3.4%	3.6%	3.6%	4.0%	4.0%	3.9%	3.9%	3.8%
<b>Newspaper/periodical/book publishing</b>	0.5%	0.5%	0.5%	0.4%	0.3%	0.2%	0.1%	0.1%	0.1%	0.1%	1/
<b>Software</b>	0.3%	0.8%	1.2%	1.5%	1.8%	1.8%	1.9%	2.0%	2.0%	2.0%	1.9%
<b>Other information</b>	1.5%	1.5%	1.9%	1.5%	1.5%	1.7%	2.0%	2.0%	1.8%	1.8%	1.8%
<b>Financial activities</b>	5.4%	5.3%	5.3%	5.6%	4.9%	4.7%	4.6%	4.3%	4.2%	4.1%	3.9%
<b>Professional and business services</b>	9.2%	9.9%	11.1%	11.3%	11.5%	12.4%	13.1%	13.9%	14.3%	14.6%	15.0%
<b>Education and health services</b>	9.7%	11.1%	11.8%	12.9%	15.0%	14.3%	14.4%	14.5%	14.8%	15.0%	15.3%
<b>Leisure and hospitality</b>	8.9%	9.4%	9.2%	9.4%	9.4%	9.9%	10.0%	9.9%	9.9%	9.9%	9.9%
<b>Other services</b>	4.2%	4.1%	3.9%	3.6%	3.7%	3.7%	3.6%	3.5%	3.3%	3.1%	2.9%
<b>Federal government</b>	3.4%	3.0%	2.5%	2.5%	2.7%	2.3%	2.2%	2.1%	2.1%	2.0%	2.0%
<b>State and local government</b>	15.1%	15.9%	15.1%	16.3%	16.7%	15.5%	15.1%	15.7%	16.2%	16.6%	16.9%

**Table 4-1  
Real Income Growth by Component in Washington State**

Income Components	Average Annual Growth Rate (%)									
	1970-75	1975-80	1980-85	1985-90	1990-95	1995-00	2000-05	2005-10	2010-17	1970-2017
Total personal income	3.8%	5.2%	2.2%	4.8%	3.6%	6.0%	1.9%	1.8%	4.1%	3.7%
Earnings by place of residence	3.1%	5.1%	0.5%	5.2%	3.3%	6.9%	1.5%	0.6%	4.0%	3.4%
Dividends, interest, and rent	4.2%	6.8%	6.5%	3.8%	3.2%	4.7%	2.0%	0.5%	6.3%	4.3%
Transfer payments	8.3%	3.1%	4.6%	4.3%	5.8%	3.4%	3.8%	8.7%	1.5%	4.7%

**Table 4-2  
Growth in Real Earnings by Industry in Washington State**

Industry	Average Annual Growth Rate (%)									
	1970-75	1975-80	1980-85	1985-90	1990-95	1995-00	2000-05	2005-10	2010-17	1970-2017
Total Earnings	3.1%	5.1%	0.5%	5.2%	3.3%	6.9%	1.5%	0.6%	4.0%	3.4%
Farm	14.0%	-8.1%	-7.5%	6.2%	1.4%	1.7%	-0.6%	4.3%	4.9%	1.7%
Manufacturing	1.8%	6.9%	-0.5%	4.7%	-0.5%	1.3%	-1.8%	0.0%	1.7%	1.5%
Transportation & Utilities	3.1%	5.3%	1.3%	3.3%	3.3%	-4.4%	1.8%	-0.7%	4.1%	1.9%
Wholesale Trade	5.5%	5.3%	0.6%	5.0%	3.8%	1.3%	0.7%	1.1%	2.5%	2.8%
Retail Trade	2.8%	4.2%	1.4%	4.5%	3.0%	1.1%	0.0%	-0.4%	8.0%	2.9%
Financial Activities	1.1%	8.6%	1.3%	3.2%	8.8%	10.0%	5.1%	-9.5%	6.9%	3.9%
Services and Other**	4.7%	8.2%	3.9%	8.3%	5.9%	9.0%	2.9%	3.0%	3.7%	5.4%

\*Data by industry after 1990 are not comparable to earlier data. Estimates from 1970 to 1990 are based on SIC industrial classifications; estimates from 1990 to 2011 are based on NAICS industrial classifications. Important classification changes under NAICS include the movement of eating establishments from retail trade to services and the creation of an information sector, which includes publishing, software, and telecommunications.

**Table 4-3**  
**Trends of Real Personal Income, Washington and U.S.**

Year	Total Personal Income (2009\$)				Per Capita Income (2009\$)			
	Washington (Billions)	Annual Change (%)	U.S. (Billions)	Annual Change (%)	Washington	Annual Change (%)	U.S.	Annual Change (%)
1975	\$86.22	----	\$4,808.99	----	\$24,051	----	\$22,246	----
1976	\$90.64	5.1%	\$5,002.71	4.0%	\$24,794	3.1%	\$22,918	3.0%
1977	\$94.44	4.2%	\$5,186.06	3.7%	\$25,203	1.7%	\$23,519	2.6%
1978	\$102.79	8.8%	\$5,446.25	5.0%	\$26,541	5.3%	\$24,439	3.9%
1979	\$108.41	5.5%	\$5,590.71	2.7%	\$26,984	1.7%	\$24,807	1.5%
1980	\$110.95	2.3%	\$5,630.24	0.7%	\$26,703	-1.0%	\$24,697	-0.4%
1981	\$113.66	2.4%	\$5,793.45	2.9%	\$26,809	0.4%	\$25,162	1.9%
1982	\$114.10	0.4%	\$5,882.31	1.5%	\$26,636	-0.6%	\$25,310	0.6%
1983	\$116.57	2.2%	\$6,024.59	2.4%	\$26,987	1.3%	\$25,690	1.5%
1984	\$120.54	3.4%	\$6,412.27	6.4%	\$27,584	2.2%	\$27,102	5.5%
1985	\$123.72	2.6%	\$6,633.54	3.5%	\$27,947	1.3%	\$27,788	2.5%
1986	\$129.61	4.8%	\$6,875.96	3.7%	\$28,936	3.5%	\$28,542	2.7%
1987	\$133.44	3.0%	\$7,078.10	2.9%	\$29,325	1.3%	\$29,120	2.0%
1988	\$139.83	4.8%	\$7,365.14	4.1%	\$30,101	2.6%	\$30,026	3.1%
1989	\$148.23	6.0%	\$7,621.29	3.5%	\$31,117	3.4%	\$30,771	2.5%
1990	\$156.03	5.3%	\$7,756.14	1.8%	\$31,843	2.3%	\$30,951	0.6%
1991	\$161.58	3.6%	\$7,766.08	0.1%	\$32,176	1.0%	\$30,582	-1.2%
1992	\$169.97	5.2%	\$8,064.07	3.8%	\$33,226	3.3%	\$31,336	2.5%
1993	\$174.29	2.5%	\$8,212.43	1.8%	\$33,426	0.6%	\$31,505	0.5%
1994	\$179.57	3.0%	\$8,455.43	3.0%	\$33,766	1.0%	\$32,047	1.7%
1995	\$185.92	3.5%	\$8,760.71	3.6%	\$34,317	1.6%	\$32,815	2.4%
1996	\$195.78	5.3%	\$9,104.91	3.9%	\$35,548	3.6%	\$33,709	2.7%
1997	\$207.58	6.0%	\$9,504.07	4.4%	\$37,027	4.2%	\$34,767	3.1%
1998	\$225.52	8.6%	\$10,112.68	6.4%	\$39,479	6.6%	\$36,567	5.2%
1999	\$237.58	5.3%	\$10,481.49	3.6%	\$40,836	3.4%	\$37,472	2.5%
2000	\$248.25	4.5%	\$11,059.06	5.5%	\$41,990	2.8%	\$39,109	4.4%
2001	\$249.67	0.6%	\$11,294.00	2.1%	\$41,660	-0.8%	\$39,534	1.1%
2002	\$251.11	0.6%	\$11,336.77	0.4%	\$41,330	-0.8%	\$39,306	-0.6%
2003	\$256.04	2.0%	\$11,519.40	1.6%	\$41,647	0.8%	\$39,571	0.7%
2004	\$267.66	4.5%	\$11,887.21	3.2%	\$42,948	3.1%	\$40,387	2.1%
2005	\$270.96	1.2%	\$12,207.11	2.7%	\$42,803	-0.3%	\$41,179	2.0%
2006	\$287.66	6.2%	\$12,763.02	4.6%	\$44,624	4.3%	\$42,647	3.6%
2007	\$304.73	5.9%	\$13,132.03	2.9%	\$46,556	4.3%	\$43,453	1.9%
2008	\$310.41	1.9%	\$13,211.31	0.6%	\$46,865	0.7%	\$43,324	-0.3%
2009	\$296.57	-4.5%	\$12,816.36	-3.0%	\$44,364	-5.3%	\$41,669	-3.8%
2010	\$299.60	1.0%	\$13,114.44	2.3%	\$44,428	0.1%	\$42,292	1.5%
2011	\$309.73	3.4%	\$13,580.45	3.6%	\$45,420	2.2%	\$43,474	2.8%
2012	\$328.93	6.2%	\$14,009.49	3.2%	\$47,724	5.1%	\$44,523	2.4%
2013	\$331.42	0.8%	\$13,992.46	-0.1%	\$47,579	-0.3%	\$44,157	-0.8%
2014	\$352.83	6.5%	\$14,573.32	4.2%	\$50,037	5.2%	\$45,649	3.4%
2015	\$372.99	5.7%	\$15,242.73	4.6%	\$52,116	4.2%	\$47,394	3.8%
<b>FORECAST</b>								
2020	\$448.26		\$17,075.98		\$57,726		\$51,158	
2030	\$555.87		\$21,229.82		\$65,066		\$59,703	
2040	\$725.33		\$26,919.59		\$78,253		\$72,010	
<b>Average Annual Growth Rate (%)</b>								
2010-20		4.1%		2.7%		2.7%		1.9%
2020-30		2.2%		2.2%		1.2%		1.6%
2030-40		2.7%		2.4%		1.9%		1.9%
1975-2010		3.6%		2.9%		1.8%		1.9%
2010-2040		3.0%		2.4%		1.9%		1.8%