



ECONOMIC FORECAST

Calendar Year Summary Tables



Preliminary
February 26, 2019

This page left intentionally blank.

Table A1.1
U.S. Economic Forecast Summary
Forecast 2019 to 2023

	2016	2017	2018	2019	2020	2021	2022	2023
Real National Income Accounts (Billions of Chained 2012 Dollars)								
Real Gross Domestic Product	17,659.2	18,050.7	18,569.2	19,035.1	19,384.4	19,733.3	20,108.2	20,530.5
% Ch	1.6	2.2	2.9	2.5	1.8	1.8	1.9	2.1
Real Consumption	12,248.2	12,558.7	12,897.0	13,246.4	13,512.6	13,782.9	14,072.3	14,381.9
% Ch	2.7	2.5	2.7	2.7	2.0	2.0	2.1	2.2
Real Nonresidential Fixed Investment	2,411.2	2,538.1	2,711.6	2,813.5	2,903.7	2,995.5	3,091.6	3,190.0
% Ch	0.5	5.3	6.8	3.8	3.2	3.2	3.2	3.2
Real Residential Fixed Investment	591.3	611.1	609.8	605.6	633.3	654.4	664.6	670.6
% Ch	6.5	3.3	-0.2	-0.7	4.6	3.3	1.6	0.9
Real Personal Income	15,469.7	15,866.8	16,228.8	16,648.4	17,005.7	17,368.1	17,758.6	18,174.6
% Ch	1.5	2.6	2.3	2.6	2.1	2.1	2.2	2.3
Real Per Capita Income (\$/Person)	47,752	48,630	49,389	50,299	51,016	51,741	52,540	53,408
% Ch	0.8	1.8	1.6	1.8	1.4	1.4	1.5	1.7
Price and Wage Indexes								
PCE Price Index (2012=100)	104.2	106.1	108.2	110.1	112.3	114.6	116.9	119.4
% Ch	1.1	1.8	2.0	1.7	2.0	2.0	2.0	2.1
U.S. Consumer Price Index (1982-84=1.0)	2.400	2.451	2.511	2.559	2.614	2.671	2.729	2.791
% Ch	1.3	2.1	2.4	1.9	2.1	2.2	2.2	2.3
Employment Cost Index (Dec. 2005=1.0)	1.262	1.295	1.334	1.373	1.419	1.468	1.522	1.578
% Ch	2.4	2.6	3.0	2.9	3.3	3.5	3.6	3.7
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	18,707.2	19,485.4	20,496.7	21,439.6	22,343.9	23,280.9	24,285.2	25,378.0
% Ch	2.7	4.2	5.2	4.6	4.2	4.2	4.3	4.5
Personal Income	16,125.1	16,830.9	17,563.8	18,326.2	19,098.2	19,901.9	20,765.1	21,704.0
% Ch	2.6	4.4	4.4	4.3	4.2	4.2	4.3	4.5
Employment (Millions)								
U.S. Civilian Labor Force	159.2	160.3	162.1	163.7	165.0	166.0	167.0	168.0
Total U.S. Employment	151.4	153.3	155.8	157.8	159.1	159.9	160.8	161.7
Unemployment Rate (%)	4.87	4.35	3.89	3.59	3.59	3.70	3.74	3.74
Nonfarm Payroll Employment	144.35	146.61	149.06	151.61	153.02	153.80	154.78	155.83
% Ch	1.8	1.6	1.7	1.7	0.9	0.5	0.6	0.7
Manufacturing	12.35	12.44	12.69	12.91	12.88	12.67	12.59	12.64
% Ch	0.1	0.7	2.0	1.7	-0.2	-1.7	-0.6	0.4
Durable Manufacturing	7.71	7.74	7.95	8.13	8.11	7.94	7.87	7.90
% Ch	-0.7	0.3	2.7	2.3	-0.2	-2.1	-0.9	0.4
Nondurable Manufacturing	4.64	4.70	4.74	4.78	4.76	4.72	4.72	4.74
% Ch	1.5	1.3	0.9	0.7	-0.3	-0.9	0.0	0.3
Construction	6.73	6.97	7.29	7.54	7.75	8.06	8.33	8.59
% Ch	4.1	3.6	4.7	3.4	2.8	4.1	3.4	3.0
Service-Providing	124.60	126.53	128.35	130.42	131.63	132.30	133.08	133.83
% Ch	1.9	1.5	1.4	1.6	0.9	0.5	0.6	0.6
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	43.2	51.0	64.9	57.7	58.4	56.5	55.2	54.5
Personal Saving/Disposable Income (%)	6.7	6.7	6.6	6.2	6.1	6.2	6.2	6.3
Auto Sales (Millions)	6.9	6.1	5.3	4.9	4.8	4.8	4.9	5.0
% Ch	-8.6	-11.5	-12.9	-6.9	-1.7	-0.5	0.7	2.3
Housing Starts (Millions)	1.177	1.208	1.262	1.280	1.384	1.430	1.457	1.473
% Ch	6.4	2.6	4.4	1.4	8.2	3.3	1.9	1.1
Federal Budget Surplus (Billions)	-665.1	-695.4	-984.1	-1,044.1	-1,089.8	-1,149.1	-1,188.0	-1,202.9
Net Exports (Billions)	-520.6	-578.4	-632.7	-693.2	-710.6	-709.0	-681.5	-622.5
3-Month Treasury Bill Rate (%)	0.32	0.93	1.95	2.57	2.70	2.69	2.67	2.55
10-Year Treasury Note Yield (%)	1.84	2.33	2.91	2.92	3.23	3.32	3.31	3.30
Bond Index of 20 G.O. Munis. (%)	3.27	3.67	3.96	4.25	4.46	4.58	4.61	4.62
30-Year Fixed Mortgage Rate (%)	3.65	3.99	4.54	4.71	4.93	4.98	4.96	4.93

Table A1.2
U.S. Economic Forecast Summary
Forecast 2019 to 2023

	2018:1	2018:2	2018:3	2018:4	2019:1	2019:2	2019:3	2019:4
Real National Income Accounts (Billions of Chained 2012 Dollars)								
Real Gross Domestic Product	18,324.0	18,511.6	18,665.0	18,776.1	18,869.1	18,990.2	19,093.5	19,187.8
% Ch , Annual Rate	2.2	4.2	3.4	2.4	2.0	2.6	2.2	2.0
Real Consumption	12,722.8	12,842.0	12,953.3	13,069.7	13,134.8	13,211.9	13,285.0	13,354.0
% Ch , Annual Rate	0.5	3.8	3.5	3.6	2.0	2.4	2.2	2.1
Real Nonresidential Fixed Investment	2,654.0	2,710.1	2,727.0	2,755.3	2,775.4	2,799.1	2,826.6	2,852.7
% Ch , Annual Rate	11.5	8.7	2.5	4.2	3.0	3.4	4.0	3.7
Real Residential Fixed Investment	615.3	613.2	607.7	603.0	599.6	601.0	605.7	616.3
% Ch , Annual Rate	-3.4	-1.3	-3.6	-3.0	-2.3	0.9	3.1	7.2
Real Personal Income	16,107.2	16,165.1	16,266.1	16,376.7	16,514.5	16,606.0	16,693.9	16,779.2
% Ch , Annual Rate	2.6	1.4	2.5	2.7	3.4	2.2	2.1	2.1
Real Per Capita Income (\$/Person)	49,157	49,246	49,452	49,699	50,028	50,216	50,392	50,560
% Ch , Annual Rate	2.0	0.7	1.7	2.0	2.7	1.5	1.4	1.3
Price and Wage Indexes								
PCE Price Index (2012=100)	107.5	108.1	108.5	108.8	109.2	109.8	110.4	110.9
% Ch , Annual Rate	2.5	2.0	1.6	1.4	1.4	2.1	2.1	2.1
U.S. Consumer Price Index (1982-84=1.0)	2.494	2.505	2.517	2.528	2.536	2.552	2.567	2.581
% Ch , Annual Rate	3.5	1.7	2.0	1.8	1.3	2.4	2.4	2.3
Employment Cost Index (Dec. 2005=1.0)	1.320	1.328	1.339	1.351	1.357	1.367	1.378	1.389
% Ch , Annual Rate	4.0	2.4	3.4	3.6	1.9	3.0	3.1	3.2
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	20,041.0	20,411.9	20,658.2	20,875.5	21,094.9	21,324.8	21,553.1	21,785.6
% Ch , Annual Rate	4.3	7.6	4.9	4.3	4.3	4.4	4.4	4.4
Personal Income	17,319.2	17,466.7	17,644.5	17,824.6	18,036.1	18,232.6	18,423.5	18,612.7
% Ch , Annual Rate	5.2	3.5	4.1	4.1	4.8	4.4	4.3	4.2
Employment (Millions)								
U.S. Civilian Labor Force	161.6	161.8	162.0	162.9	163.2	163.4	163.8	164.2
Total U.S. Employment	155.0	155.4	155.9	156.8	157.0	157.6	158.1	158.5
Unemployment Rate (%)	4.09	3.91	3.79	3.77	3.75	3.59	3.51	3.52
Nonfarm Payroll Employment	148.05	148.74	149.41	150.06	150.81	151.39	151.91	152.34
% Ch , Annual Rate	1.8	1.9	1.8	1.7	2.0	1.6	1.4	1.1
Manufacturing	12.59	12.66	12.72	12.79	12.85	12.89	12.91	12.98
% Ch , Annual Rate	2.3	2.3	1.9	2.2	1.9	1.4	0.4	2.2
Durable Manufacturing	7.86	7.92	7.97	8.02	8.08	8.12	8.13	8.19
% Ch , Annual Rate	3.4	3.0	2.7	2.5	2.9	2.0	0.4	3.0
Nondurable Manufacturing	4.73	4.74	4.74	4.76	4.77	4.77	4.78	4.79
% Ch , Annual Rate	0.5	1.0	0.6	1.7	0.2	0.5	0.4	0.9
Construction	7.18	7.26	7.33	7.39	7.48	7.52	7.55	7.59
% Ch , Annual Rate	6.7	4.8	4.0	3.3	4.9	2.3	1.5	2.3
Service-Providing	127.58	128.09	128.62	129.13	129.72	130.23	130.71	131.02
% Ch , Annual Rate	1.4	1.6	1.6	1.6	1.8	1.6	1.5	1.0
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	62.9	68.0	69.8	58.9	54.6	57.8	59.0	59.4
Personal Saving/Disposable Income (%)	7.2	6.7	6.3	6.1	6.4	6.3	6.2	6.1
Auto Sales (Millions)	5.4	5.3	5.1	5.3	5.0	4.9	4.9	4.9
% Ch , Annual Rate	-32.1	-8.8	-13.4	13.9	-23.5	-1.6	-2.0	1.0
Housing Starts (Millions)	1.317	1.261	1.234	1.235	1.241	1.261	1.292	1.325
% Ch , Annual Rate	19.6	-16.0	-8.3	0.4	2.0	6.6	10.0	10.7
Federal Budget Surplus (Billions)	-969.9	-993.7	-964.9	-1,008.0	-1,039.2	-1,046.4	-1,044.8	-1,046.1
Net Exports (Billions)	-639.2	-549.8	-653.5	-688.2	-670.0	-692.6	-702.9	-707.2
3-Month Treasury Bill Rate (%)	1.56	1.84	2.04	2.36	2.46	2.57	2.62	2.63
10-Year Treasury Note Yield (%)	2.76	2.92	2.93	3.03	2.75	2.86	2.99	3.08
Bond Index of 20 G.O. Munis. (%)	3.73	3.89	3.97	4.25	4.15	4.21	4.28	4.35
30-Year Fixed Mortgage Rate (%)	4.27	4.54	4.57	4.78	4.45	4.75	4.81	4.84

Table A1.2 (continued)
U.S. Economic Forecast Summary
 Forecast 2019 to 2023

	2020:1	2020:2	2020:3	2020:4	2021:1	2021:2	2021:3	2021:4
Real National Income Accounts (Billions of Chained 2012 Dollars)								
Real Gross Domestic Product	19,263.6	19,342.2	19,423.7	19,508.0	19,600.2	19,689.6	19,775.9	19,867.4
% Ch , Annual Rate	1.6	1.6	1.7	1.7	1.9	1.8	1.8	1.9
Real Consumption	13,418.9	13,481.0	13,543.7	13,606.9	13,679.0	13,748.9	13,816.2	13,887.4
% Ch , Annual Rate	2.0	1.9	1.9	1.9	2.1	2.1	2.0	2.1
Real Nonresidential Fixed Investment	2,870.2	2,886.0	2,917.2	2,941.3	2,962.0	2,984.0	3,006.2	3,029.7
% Ch , Annual Rate	2.5	2.2	4.4	3.4	2.8	3.0	3.0	3.2
Real Residential Fixed Investment	623.5	629.3	635.9	644.7	649.8	652.6	655.7	659.6
% Ch , Annual Rate	4.8	3.8	4.2	5.7	3.2	1.7	1.9	2.4
Real Personal Income	16,877.9	16,968.2	17,047.0	17,130.0	17,236.2	17,323.0	17,409.4	17,503.7
% Ch , Annual Rate	2.4	2.2	1.9	2.0	2.5	2.0	2.0	2.2
Real Per Capita Income (\$/Person)	50,767	50,949	51,096	51,254	51,482	51,651	51,819	52,010
% Ch , Annual Rate	1.7	1.4	1.2	1.2	1.8	1.3	1.3	1.5
Price and Wage Indexes								
PCE Price Index (2012=100)	111.5	112.0	112.6	113.1	113.7	114.3	114.9	115.5
% Ch , Annual Rate	2.0	2.0	1.9	2.0	2.1	2.1	2.1	2.0
U.S. Consumer Price Index (1982-84=1.0)	2.595	2.608	2.621	2.633	2.648	2.663	2.678	2.693
% Ch , Annual Rate	2.1	2.0	2.0	1.8	2.3	2.4	2.3	2.2
Employment Cost Index (Dec. 2005=1.0)	1.400	1.413	1.424	1.437	1.449	1.462	1.475	1.488
% Ch , Annual Rate	3.4	3.6	3.4	3.4	3.6	3.5	3.6	3.6
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	22,004.8	22,229.2	22,452.9	22,689.0	22,924.0	23,158.0	23,397.7	23,643.8
% Ch , Annual Rate	4.1	4.1	4.1	4.3	4.2	4.1	4.2	4.3
Personal Income	18,815.8	19,009.3	19,189.9	19,377.7	19,597.6	19,798.9	20,001.2	20,210.1
% Ch , Annual Rate	4.4	4.2	3.9	4.0	4.6	4.2	4.2	4.2
Employment (Millions)								
U.S. Civilian Labor Force	164.6	165.1	165.1	165.3	165.6	165.9	166.1	166.4
Total U.S. Employment	158.8	159.2	159.2	159.3	159.5	159.8	160.0	160.2
Unemployment Rate (%)	3.54	3.55	3.61	3.64	3.66	3.69	3.71	3.73
Nonfarm Payroll Employment	152.65	153.11	153.10	153.22	153.45	153.68	153.92	154.15
% Ch , Annual Rate	0.8	1.2	0.0	0.3	0.6	0.6	0.6	0.6
Manufacturing	12.97	12.93	12.84	12.78	12.73	12.67	12.64	12.62
% Ch , Annual Rate	-0.3	-1.2	-2.7	-1.7	-1.7	-1.7	-1.0	-0.9
Durable Manufacturing	8.18	8.15	8.08	8.04	8.00	7.95	7.92	7.90
% Ch , Annual Rate	-0.3	-1.6	-3.4	-1.8	-2.2	-2.3	-1.5	-1.2
Nondurable Manufacturing	4.78	4.78	4.76	4.74	4.73	4.72	4.72	4.72
% Ch , Annual Rate	-0.4	-0.6	-1.6	-1.3	-0.8	-0.6	-0.3	-0.2
Construction	7.64	7.70	7.78	7.87	7.95	8.02	8.10	8.17
% Ch , Annual Rate	2.5	3.0	4.1	4.7	4.3	3.8	3.7	3.7
Service-Providing	131.29	131.73	131.72	131.80	132.00	132.22	132.41	132.59
% Ch , Annual Rate	0.8	1.3	0.0	0.3	0.6	0.7	0.6	0.6
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	59.2	58.7	58.2	57.7	57.2	56.7	56.3	55.9
Personal Saving/Disposable Income (%)	6.1	6.2	6.1	6.1	6.2	6.2	6.2	6.2
Auto Sales (Millions)	4.9	4.9	4.8	4.8	4.8	4.8	4.8	4.8
% Ch , Annual Rate	-3.8	-2.0	-0.5	-1.5	-0.5	-0.1	0.5	0.2
Housing Starts (Millions)	1.352	1.378	1.397	1.410	1.416	1.426	1.436	1.443
% Ch , Annual Rate	8.5	7.9	5.5	3.7	1.7	2.8	2.9	1.9
Federal Budget Surplus (Billions)	-1,070.2	-1,091.7	-1,095.4	-1,102.0	-1,134.6	-1,144.6	-1,153.4	-1,163.6
Net Exports (Billions)	-712.7	-714.1	-711.7	-704.0	-709.3	-712.8	-710.1	-703.8
3-Month Treasury Bill Rate (%)	2.60	2.76	2.73	2.71	2.70	2.69	2.69	2.68
10-Year Treasury Note Yield (%)	3.15	3.22	3.26	3.29	3.31	3.32	3.33	3.32
Bond Index of 20 G.O. Munis. (%)	4.38	4.44	4.49	4.53	4.55	4.57	4.60	4.60
30-Year Fixed Mortgage Rate (%)	4.87	4.92	4.95	4.98	4.99	4.99	4.99	4.97

Table A1.2 (continued)
U.S. Economic Forecast Summary
 Forecast 2019 to 2023

	2022:1	2022:2	2022:3	2022:4	2023:1	2023:2	2023:3	2023:4
Real National Income Accounts (Billions of Chained 2012 Dollars)								
Real Gross Domestic Product	19,956.3	20,055.4	20,159.2	20,262.0	20,369.7	20,476.7	20,582.9	20,692.6
% Ch , Annual Rate	1.8	2.0	2.1	2.1	2.1	2.1	2.1	2.1
Real Consumption	13,958.5	14,033.5	14,109.4	14,187.8	14,267.2	14,344.8	14,420.4	14,495.1
% Ch , Annual Rate	2.1	2.2	2.2	2.2	2.3	2.2	2.1	2.1
Real Nonresidential Fixed Investment	3,053.0	3,078.4	3,104.7	3,130.1	3,155.0	3,178.6	3,201.5	3,224.7
% Ch , Annual Rate	3.1	3.4	3.5	3.3	3.2	3.0	2.9	2.9
Real Residential Fixed Investment	661.6	663.6	666.2	667.2	668.0	669.9	671.3	673.2
% Ch , Annual Rate	1.2	1.3	1.5	0.6	0.5	1.1	0.8	1.2
Real Personal Income	17,614.4	17,711.6	17,805.8	17,902.5	18,022.5	18,123.3	18,224.7	18,327.8
% Ch , Annual Rate	2.6	2.2	2.1	2.2	2.7	2.3	2.3	2.3
Real Per Capita Income (\$/Person)	52,248	52,447	52,635	52,831	53,095	53,302	53,510	53,723
% Ch , Annual Rate	1.8	1.5	1.4	1.5	2.0	1.6	1.6	1.6
Price and Wage Indexes								
PCE Price Index (2012=100)	116.0	116.6	117.2	117.8	118.5	119.1	119.7	120.4
% Ch , Annual Rate	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2
U.S. Consumer Price Index (1982-84=1.0)	2.707	2.721	2.737	2.752	2.768	2.783	2.799	2.816
% Ch , Annual Rate	2.1	2.0	2.4	2.3	2.3	2.2	2.3	2.4
Employment Cost Index (Dec. 2005=1.0)	1.501	1.515	1.528	1.542	1.556	1.571	1.585	1.600
% Ch , Annual Rate	3.7	3.7	3.6	3.7	3.7	3.7	3.8	3.8
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	23,890.0	24,148.3	24,417.5	24,684.9	24,958.7	25,235.3	25,514.9	25,803.1
% Ch , Annual Rate	4.2	4.4	4.5	4.5	4.5	4.5	4.5	4.6
Personal Income	20,439.1	20,652.7	20,872.6	21,095.9	21,348.6	21,581.6	21,820.4	22,065.2
% Ch , Annual Rate	4.6	4.2	4.3	4.3	4.9	4.4	4.5	4.6
Employment (Millions)								
U.S. Civilian Labor Force	166.7	166.9	167.2	167.4	167.7	167.9	168.1	168.4
Total U.S. Employment	160.4	160.7	160.9	161.2	161.4	161.6	161.8	162.1
Unemployment Rate (%)	3.73	3.74	3.73	3.73	3.73	3.73	3.74	3.75
Nonfarm Payroll Employment	154.39	154.64	154.91	155.19	155.46	155.72	155.96	156.20
% Ch, Annual Rate	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.6
Manufacturing	12.60	12.58	12.59	12.60	12.61	12.62	12.65	12.67
% Ch, Annual Rate	-0.4	-0.6	0.0	0.4	0.4	0.5	0.7	0.7
Durable Manufacturing	7.88	7.86	7.86	7.87	7.88	7.89	7.91	7.92
% Ch, Annual Rate	-0.7	-0.9	-0.1	0.4	0.4	0.5	0.9	0.9
Nondurable Manufacturing	4.72	4.72	4.72	4.73	4.73	4.73	4.74	4.74
% Ch, Annual Rate	0.1	0.1	0.2	0.3	0.3	0.3	0.4	0.4
Construction	8.24	8.30	8.37	8.43	8.49	8.56	8.62	8.68
% Ch, Annual Rate	3.4	3.2	3.2	3.1	3.0	3.0	3.0	2.9
Service-Providing	132.78	132.98	133.19	133.38	133.58	133.76	133.92	134.07
% Ch, Annual Rate	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	55.6	55.3	55.0	54.8	54.6	54.5	54.4	54.4
Personal Saving/Disposable Income (%)	6.3	6.3	6.2	6.2	6.3	6.3	6.3	6.3
Auto Sales (Millions)	4.8	4.8	4.9	4.9	4.9	4.9	5.0	5.0
% Ch, Annual Rate	0.7	0.5	1.4	3.1	2.3	2.1	3.5	2.5
Housing Starts (Millions)	1.451	1.457	1.459	1.462	1.465	1.471	1.476	1.480
% Ch, Annual Rate	2.5	1.7	0.4	0.7	1.0	1.4	1.3	1.3
Federal Budget Surplus (Billions)	-1,186.0	-1,189.1	-1,189.6	-1,187.3	-1,201.1	-1,200.8	-1,204.0	-1,205.8
Net Exports (Billions)	-696.4	-686.7	-677.3	-665.6	-648.9	-631.2	-613.4	-596.3
3-Month Treasury Bill Rate (%)	2.67	2.67	2.67	2.67	2.68	2.65	2.44	2.45
10-Year Treasury Note Yield (%)	3.31	3.31	3.31	3.31	3.31	3.31	3.30	3.29
Bond Index of 20 G.O. Munis. (%)	4.60	4.60	4.61	4.62	4.62	4.63	4.63	4.62
30-Year Fixed Mortgage Rate (%)	4.96	4.96	4.96	4.96	4.95	4.94	4.92	4.91

Table A1.3
Washington Economic Forecast Summary
Forecast 2019 to 2023

	2016	2017	2018	2019	2020	2021	2022	2023
Real Income (Billions of Chained 2012 Dollars)								
Real Personal Income	387.805	404.211	423.349	435.532	446.863	458.476	470.818	483.873
% Ch	4.0	4.2	4.7	2.9	2.6	2.6	2.7	2.8
Real Wage and Salary Disb.	195.037	205.585	219.101	225.526	231.883	238.077	244.985	252.470
% Ch	5.0	5.4	6.6	2.9	2.8	2.7	2.9	3.1
Real Nonwage Income	192.768	198.625	204.248	210.006	214.980	220.399	225.833	231.403
% Ch	3.0	3.0	2.8	2.8	2.4	2.5	2.5	2.5
Real Per Capita Income (\$/Person)	53,259	54,572	56,207	56,936	57,593	58,307	59,113	60,018
% Ch	2.2	2.5	3.0	1.3	1.2	1.2	1.4	1.5
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.042	1.061	1.082	1.101	1.123	1.146	1.169	1.194
% Ch	1.1	1.8	2.0	1.7	2.0	2.0	2.0	2.1
Seattle Cons. Price Index (1982-84=1.0)	2.550	2.627	2.711	2.783	2.845	2.906	2.970	3.038
% Ch	2.3	3.0	3.2	2.7	2.2	2.2	2.2	2.3
Average Nonfarm Annual Wage	60,497	63,559	67,527	69,264	71,649	74,327	77,239	80,498
% Ch	3.0	5.1	6.2	2.6	3.4	3.7	3.9	4.2
Avg. Hourly Earnings-Mfg. (\$/Hour)	26.42	27.38	28.44	29.41	30.34	31.35	32.44	33.59
% Ch	3.5	3.6	3.9	3.4	3.2	3.4	3.5	3.5
Current Dollar Income (Billions of Dollars)								
Personal Income	404.232	428.765	458.163	479.427	501.851	525.367	550.532	577.841
% Ch	5.1	6.1	6.9	4.6	4.7	4.7	4.8	5.0
Disposable Personal Income	355.241	376.933	404.624	422.965	442.056	462.697	484.509	508.137
% Ch	5.3	6.1	7.3	4.5	4.5	4.7	4.7	4.9
Per Capita Income (\$/Person)	55,513	57,886	60,828	62,673	64,679	66,812	69,120	71,672
% Ch	3.3	4.3	5.1	3.0	3.2	3.3	3.5	3.7
Employment (Thousands)								
Washington Civilian Labor Force	3,635.7	3,723.3	3,770.8	3,844.1	3,902.5	3,951.5	4,000.1	4,045.3
Total Washington Employment	3,444.0	3,546.3	3,598.6	3,680.3	3,733.4	3,774.1	3,817.1	3,857.9
Unemployment Rate (%)	5.28	4.76	4.57	4.26	4.33	4.49	4.57	4.63
Nonfarm Payroll Employment	3,244.6	3,322.4	3,404.4	3,475.4	3,525.4	3,561.0	3,599.3	3,636.1
% Ch	3.1	2.4	2.5	2.1	1.4	1.0	1.1	1.0
Manufacturing	290.0	283.8	286.6	293.9	294.9	293.6	294.6	297.9
% Ch	-0.7	-2.1	1.0	2.5	0.3	-0.5	0.4	1.1
Durable Manufacturing	207.6	200.1	201.3	207.5	208.3	207.0	207.4	209.6
% Ch	-1.7	-3.6	0.6	3.1	0.4	-0.6	0.2	1.1
Aerospace	91.0	84.1	83.6	85.9	85.9	85.9	85.9	85.9
% Ch	-3.2	-7.6	-0.6	2.7	0.0	0.0	0.0	0.0
Nondurable Manufacturing	82.4	83.7	85.3	86.4	86.7	86.6	87.3	88.3
% Ch	2.1	1.5	2.0	1.3	0.3	-0.1	0.8	1.2
Construction	186.6	199.7	212.5	219.3	218.0	217.0	216.5	216.3
% Ch	7.7	7.0	6.4	3.2	-0.6	-0.5	-0.2	-0.1
Service-Providing	2,761.7	2,832.8	2,899.0	2,955.9	3,006.2	3,044.2	3,081.8	3,115.6
% Ch	3.2	2.6	2.3	2.0	1.7	1.3	1.2	1.1
Software Publishers	58.9	61.3	65.0	66.9	67.4	68.3	69.5	70.9
% Ch	5.3	4.1	5.9	2.9	0.8	1.3	1.8	2.0
Electronic Shopping and Mail-Order	38.2	49.7	54.6	59.7	62.8	65.2	67.1	68.8
% Ch	26.6	30.1	9.9	9.3	5.2	3.8	3.0	2.5
Housing Indicators (Thousands)								
Housing Units Authorized by Bldg. Permit	44.077	45.794	44.047	43.264	43.684	43.384	43.163	42.435
% Ch	9.2	3.9	-3.8	-1.8	1.0	-0.7	-0.5	-1.7
Single-Family	22.463	23.115	23.804	24.356	25.712	26.247	26.324	26.085
% Ch	13.5	2.9	3.0	2.3	5.6	2.1	0.3	-0.9
Multi-Family	21.614	22.679	20.244	18.908	17.972	17.137	16.838	16.350
% Ch	5.0	4.9	-10.7	-6.6	-5.0	-4.6	-1.7	-2.9
30-Year Fixed Mortgage Rate (%)	3.65	3.99	4.54	4.71	4.93	4.98	4.96	4.93

Table A1.4
Washington Economic Forecast Summary
 Forecast 2019 to 2023

	2018:1	2018:2	2018:3	2018:4	2019:1	2019:2	2019:3	2019:4
Real Income (Billions of Chained 2012 Dollars)								
Real Personal Income	419.938	421.181	424.553	427.724	431.820	434.065	436.764	439.478
% Ch, Annual Rate	9.5	1.2	3.2	3.0	3.9	2.1	2.5	2.5
Real Wage and Salary Disb.	217.877	217.657	219.651	221.218	223.477	224.621	226.204	227.801
% Ch, Annual Rate	17.8	-0.4	3.7	2.9	4.1	2.1	2.8	2.9
Real Nonwage Income	202.061	203.525	204.902	206.506	208.342	209.444	210.560	211.677
% Ch, Annual Rate	1.5	2.9	2.7	3.2	3.6	2.1	2.1	2.1
Real Per Capita Income (\$/Person)	56,103	56,040	56,242	56,443	56,767	56,848	56,991	57,139
% Ch, Annual Rate	7.8	-0.4	1.4	1.4	2.3	0.6	1.0	1.0
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.075	1.080	1.085	1.088	1.092	1.098	1.104	1.109
% Ch, Annual Rate	2.5	2.0	1.6	1.4	1.4	2.1	2.1	2.1
Seattle Cons. Price Index (1982-84=1.0)	2.689	2.703	2.712	2.740	2.756	2.774	2.793	2.809
% Ch, Annual Rate	4.2	2.1	1.3	4.3	2.3	2.8	2.6	2.4
Average Nonfarm Annual Wage	67,165	67,165	67,716	68,061	68,558	68,958	69,484	70,056
% Ch, Annual Rate	16.9	0.0	3.3	2.1	3.0	2.4	3.1	3.3
Avg. Hourly Earnings-Mfg. (\$/Hour)	27.90	28.35	28.54	28.98	29.09	29.30	29.51	29.73
% Ch, Annual Rate	0.5	6.5	2.8	6.3	1.5	2.8	2.9	3.1
Current Dollar Income (Billions of Dollars)								
Personal Income	451.517	455.080	460.513	465.540	471.608	476.582	482.016	487.502
% Ch, Annual Rate	12.2	3.2	4.9	4.4	5.3	4.3	4.6	4.6
Disposable Personal Income	398.594	402.053	406.686	411.164	416.348	420.597	425.144	429.770
% Ch, Annual Rate	14.2	3.5	4.7	4.5	5.1	4.1	4.4	4.4
Per Capita Income (\$/Person)	60,322	60,551	61,006	61,433	61,997	62,417	62,896	63,382
% Ch, Annual Rate	10.4	1.5	3.0	2.8	3.7	2.7	3.1	3.1
Employment (Thousands)								
Washington Civilian Labor Force	3,759.5	3,760.4	3,766.5	3,796.6	3,821.9	3,835.5	3,851.3	3,867.6
Total Washington Employment	3,581.6	3,582.6	3,597.4	3,632.7	3,655.3	3,672.7	3,689.3	3,704.1
Unemployment Rate (%)	4.73	4.73	4.49	4.32	4.36	4.25	4.21	4.23
Nonfarm Payroll Employment	3,382.4	3,394.5	3,410.9	3,429.7	3,451.6	3,467.7	3,483.9	3,498.3
% Ch, Annual Rate	3.7	1.4	1.9	2.2	2.6	1.9	1.9	1.7
Manufacturing	283.9	285.2	287.2	290.3	292.8	293.4	294.1	295.4
% Ch, Annual Rate	2.5	1.8	2.8	4.4	3.5	0.9	0.9	1.8
Durable Manufacturing	198.8	199.9	201.9	204.6	206.7	207.2	207.6	208.6
% Ch, Annual Rate	1.8	2.3	4.1	5.4	4.2	0.8	0.9	2.0
Aerospace	81.9	82.6	84.2	85.5	85.9	85.9	85.9	85.9
% Ch, Annual Rate	2.2	3.5	7.9	6.0	1.8	0.0	0.0	0.0
Nondurable Manufacturing	85.1	85.2	85.2	85.7	86.0	86.3	86.5	86.8
% Ch, Annual Rate	4.3	0.7	0.0	2.1	1.7	1.0	1.0	1.4
Construction	209.1	211.4	213.2	216.4	219.6	219.5	219.0	219.0
% Ch, Annual Rate	9.1	4.5	3.5	6.3	6.0	-0.2	-0.9	0.1
Service-Providing	2,883.2	2,891.7	2,904.3	2,916.8	2,932.9	2,948.5	2,964.5	2,977.6
% Ch, Annual Rate	3.5	1.2	1.7	1.7	2.2	2.1	2.2	1.8
Software Publishers	63.3	64.5	65.7	66.5	66.7	66.9	67.0	67.0
% Ch, Annual Rate	6.5	7.7	8.2	4.7	1.0	1.1	0.7	0.4
Electronic Shopping and Mail-Order	54.3	54.4	54.2	55.6	58.3	59.3	60.2	61.1
% Ch, Annual Rate	6.9	0.1	-0.8	10.6	20.9	6.9	6.2	5.6
Housing Indicators (Thousands)								
Housing Units Authorized by Bldg. Permit	49.173	43.245	39.684	44.088	42.940	43.300	43.365	43.451
% Ch, Annual Rate	-18.1	-40.2	-29.1	52.3	-10.0	3.4	0.6	0.8
Single-Family	24.952	23.013	23.762	23.489	23.772	24.236	24.530	24.884
% Ch, Annual Rate	4.2	-27.6	13.7	-4.5	4.9	8.0	5.0	5.9
Multi-Family	24.221	20.233	15.922	20.599	19.168	19.064	18.835	18.566
% Ch, Annual Rate	-35.2	-51.3	-61.7	180.2	-25.0	-2.1	-4.7	-5.6
30-Year Fixed Mortgage Rate (%)	4.27	4.54	4.57	4.78	4.45	4.75	4.81	4.84

Table A1.4 (continued)
Washington Economic Forecast Summary
Forecast 2019 to 2023

	2020:1	2020:2	2020:3	2020:4	2021:1	2021:2	2021:3	2021:4
Real Income (Billions of Chained 2012 Dollars)								
Real Personal Income	442.562	445.655	448.190	451.046	454.331	457.047	459.780	462.747
% Ch, Annual Rate	2.8	2.8	2.3	2.6	2.9	2.4	2.4	2.6
Real Wage and Salary Disb.	229.434	231.348	232.586	234.163	235.772	237.251	238.805	240.480
% Ch, Annual Rate	2.9	3.4	2.2	2.7	2.8	2.5	2.6	2.8
Real Nonwage Income	213.128	214.307	215.605	216.882	218.560	219.796	220.975	222.267
% Ch, Annual Rate	2.8	2.2	2.4	2.4	3.1	2.3	2.2	2.4
Real Per Capita Income (\$/Person)	57,336	57,535	57,665	57,838	58,065	58,220	58,377	58,563
% Ch, Annual Rate	1.4	1.4	0.9	1.2	1.6	1.1	1.1	1.3
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.115	1.120	1.126	1.131	1.137	1.143	1.149	1.155
% Ch, Annual Rate	2.0	2.0	1.9	2.0	2.1	2.1	2.1	2.0
Seattle Cons. Price Index (1982-84=1.0)	2.824	2.838	2.852	2.865	2.881	2.898	2.915	2.930
% Ch, Annual Rate	2.1	2.0	2.0	1.8	2.3	2.4	2.3	2.2
Average Nonfarm Annual Wage	70,693	71,309	71,955	72,637	73,318	73,974	74,655	75,362
% Ch, Annual Rate	3.7	3.5	3.7	3.8	3.8	3.6	3.7	3.8
Avg. Hourly Earnings-Mfg. (\$/Hour)	29.97	30.22	30.46	30.70	30.96	31.22	31.48	31.75
% Ch, Annual Rate	3.2	3.4	3.2	3.3	3.4	3.4	3.5	3.4
Current Dollar Income (Billions of Dollars)								
Personal Income	493.376	499.265	504.531	510.231	516.576	522.369	528.228	534.296
% Ch, Annual Rate	4.9	4.9	4.3	4.6	5.1	4.6	4.6	4.7
Disposable Personal Income	434.716	439.792	444.373	449.344	455.033	460.088	465.197	470.472
% Ch, Annual Rate	4.7	4.8	4.2	4.5	5.2	4.5	4.5	4.6
Per Capita Income (\$/Person)	63,919	64,456	64,914	65,427	66,020	66,541	67,068	67,618
% Ch, Annual Rate	3.4	3.4	2.9	3.2	3.7	3.2	3.2	3.3
Employment (Thousands)								
Washington Civilian Labor Force	3,881.7	3,900.0	3,908.2	3,920.1	3,932.8	3,945.3	3,957.7	3,970.1
Total Washington Employment	3,715.9	3,732.5	3,737.7	3,747.6	3,758.4	3,768.7	3,779.3	3,790.1
Unemployment Rate (%)	4.27	4.29	4.36	4.40	4.43	4.48	4.51	4.53
Nonfarm Payroll Employment	3,509.1	3,525.4	3,529.5	3,537.8	3,547.0	3,556.3	3,565.6	3,575.1
% Ch, Annual Rate	1.2	1.9	0.5	0.9	1.0	1.0	1.1	1.1
Manufacturing	295.6	295.4	294.6	294.2	293.8	293.5	293.4	293.5
% Ch, Annual Rate	0.3	-0.3	-1.1	-0.6	-0.4	-0.5	-0.1	0.1
Durable Manufacturing	208.8	208.6	208.0	207.7	207.4	207.0	206.8	206.7
% Ch, Annual Rate	0.3	-0.4	-1.1	-0.5	-0.6	-0.7	-0.4	-0.2
Aerospace	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nondurable Manufacturing	86.8	86.8	86.6	86.4	86.4	86.5	86.6	86.7
% Ch, Annual Rate	0.1	0.0	-1.0	-0.8	0.0	0.2	0.6	0.7
Construction	218.1	218.1	218.0	217.9	217.4	217.0	216.8	216.8
% Ch, Annual Rate	-1.6	0.0	-0.2	-0.3	-0.9	-0.7	-0.4	0.1
Service-Providing	2,989.1	3,005.6	3,010.6	3,019.5	3,029.5	3,039.5	3,049.1	3,058.5
% Ch, Annual Rate	1.6	2.2	0.7	1.2	1.3	1.3	1.3	1.2
Software Publishers	67.2	67.3	67.5	67.6	67.9	68.1	68.4	68.7
% Ch, Annual Rate	0.8	0.8	0.9	1.1	1.4	1.5	1.6	1.7
Electronic Shopping and Mail-Order	61.8	62.5	63.2	63.8	64.4	65.0	65.5	66.0
% Ch, Annual Rate	5.1	4.7	4.3	4.0	3.7	3.5	3.3	3.1
Housing Indicators (Thousands)								
Housing Units Authorized by Bldg. Permit	43.630	43.874	43.739	43.494	43.354	43.395	43.372	43.415
% Ch, Annual Rate	1.7	2.3	-1.2	-2.2	-1.3	0.4	-0.2	0.4
Single-Family	25.231	25.599	25.919	26.100	26.150	26.240	26.290	26.309
% Ch, Annual Rate	5.7	6.0	5.1	2.8	0.8	1.4	0.8	0.3
Multi-Family	18.400	18.275	17.819	17.393	17.204	17.155	17.082	17.106
% Ch, Annual Rate	-3.5	-2.7	-9.6	-9.2	-4.3	-1.1	-1.7	0.6
30-Year Fixed Mortgage Rate (%)	4.87	4.92	4.95	4.98	4.99	4.99	4.99	4.97

Table A1.4 (continued)
Washington Economic Forecast Summary
Forecast 2019 to 2023

	2022:1	2022:2	2022:3	2022:4	2023:1	2023:2	2023:3	2023:4
Real Income (Billions of Chained 2012 Dollars)								
Real Personal Income	466.222	469.321	472.320	475.411	479.143	482.315	485.451	488.582
% Ch, Annual Rate	3.0	2.7	2.6	2.6	3.2	2.7	2.6	2.6
Real Wage and Salary Disb.	242.298	244.089	245.860	247.694	249.687	251.574	253.408	255.210
% Ch, Annual Rate	3.1	3.0	2.9	3.0	3.3	3.1	2.9	2.9
Real Nonwage Income	223.924	225.232	226.460	227.717	229.456	230.740	232.043	233.372
% Ch, Annual Rate	3.0	2.4	2.2	2.2	3.1	2.3	2.3	2.3
Real Per Capita Income (\$/Person)	58,814	59,018	59,209	59,413	59,697	59,912	60,124	60,337
% Ch, Annual Rate	1.7	1.4	1.3	1.4	1.9	1.4	1.4	1.4
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.160	1.166	1.172	1.178	1.185	1.191	1.197	1.204
% Ch, Annual Rate	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2
Seattle Cons. Price Index (1982-84=1.0)	2.946	2.961	2.978	2.995	3.012	3.029	3.046	3.064
% Ch, Annual Rate	2.1	2.0	2.4	2.3	2.3	2.3	2.3	2.4
Average Nonfarm Annual Wage	76,105	76,842	77,609	78,398	79,234	80,065	80,914	81,779
% Ch, Annual Rate	4.0	3.9	4.0	4.1	4.3	4.3	4.3	4.3
Avg. Hourly Earnings-Mfg. (\$/Hour)	32.03	32.30	32.57	32.86	33.15	33.44	33.74	34.04
% Ch, Annual Rate	3.5	3.5	3.4	3.5	3.6	3.6	3.6	3.6
Current Dollar Income (Billions of Dollars)								
Personal Income	540.988	547.255	553.671	560.214	567.572	574.352	581.228	588.212
% Ch, Annual Rate	5.1	4.7	4.8	4.8	5.4	4.9	4.9	4.9
Disposable Personal Income	476.295	481.694	487.207	492.841	499.243	505.089	511.127	517.087
% Ch, Annual Rate	5.0	4.6	4.7	4.7	5.3	4.8	4.9	4.7
Per Capita Income (\$/Person)	68,246	68,818	69,407	70,011	70,714	71,345	71,986	72,641
% Ch, Annual Rate	3.8	3.4	3.5	3.5	4.1	3.6	3.6	3.7
Employment (Thousands)								
Washington Civilian Labor Force	3,982.4	3,994.3	4,006.1	4,017.7	4,029.1	4,040.2	4,050.8	4,061.1
Total Washington Employment	3,801.0	3,811.8	3,822.6	3,833.2	3,843.6	3,853.5	3,862.7	3,871.7
Unemployment Rate (%)	4.55	4.57	4.58	4.59	4.60	4.62	4.64	4.66
Nonfarm Payroll Employment	3,584.8	3,594.5	3,604.1	3,613.8	3,623.4	3,632.4	3,640.5	3,648.1
% Ch, Annual Rate	1.1	1.1	1.1	1.1	1.1	1.0	0.9	0.8
Manufacturing	293.8	294.2	294.8	295.7	296.6	297.5	298.3	299.2
% Ch, Annual Rate	0.5	0.5	0.9	1.1	1.2	1.2	1.2	1.2
Durable Manufacturing	206.9	207.1	207.5	208.0	208.7	209.3	209.9	210.5
% Ch, Annual Rate	0.3	0.3	0.8	1.1	1.2	1.2	1.2	1.2
Aerospace	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nondurable Manufacturing	86.9	87.2	87.4	87.6	87.9	88.2	88.4	88.7
% Ch, Annual Rate	0.9	0.9	1.1	1.2	1.2	1.2	1.2	1.3
Construction	216.6	216.6	216.5	216.4	216.4	216.3	216.2	216.1
% Ch, Annual Rate	-0.3	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.2
Service-Providing	3,068.0	3,077.4	3,086.5	3,095.3	3,104.1	3,112.3	3,119.6	3,126.5
% Ch, Annual Rate	1.2	1.2	1.2	1.2	1.1	1.1	0.9	0.9
Software Publishers	69.0	69.3	69.6	70.0	70.3	70.7	71.0	71.4
% Ch, Annual Rate	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
Electronic Shopping and Mail-Order	66.5	66.9	67.4	67.8	68.2	68.6	69.1	69.5
% Ch, Annual Rate	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3
Housing Indicators (Thousands)								
Housing Units Authorized by Bldg. Permit	43.379	43.286	43.088	42.898	42.717	42.545	42.351	42.125
% Ch, Annual Rate	-0.3	-0.9	-1.8	-1.8	-1.7	-1.6	-1.8	-2.1
Single-Family	26.358	26.392	26.315	26.232	26.157	26.100	26.058	26.025
% Ch, Annual Rate	0.8	0.5	-1.2	-1.3	-1.1	-0.9	-0.6	-0.5
Multi-Family	17.021	16.893	16.773	16.666	16.560	16.445	16.293	16.100
% Ch, Annual Rate	-2.0	-3.0	-2.8	-2.5	-2.5	-2.7	-3.6	-4.7
30-Year Fixed Mortgage Rate (%)	4.96	4.96	4.96	4.96	4.95	4.94	4.92	4.91

Table A2.1

U.S. Nonagricultural Employment by Industry (Millions)

Forecast 2019 to 2023

	2016	2017	2018	2019	2020	2021	2022	2023
Nonfarm Payroll Employment	144.35	146.61	149.06	151.61	153.02	153.80	154.78	155.83
% Ch	1.8	1.6	1.7	1.7	0.9	0.5	0.6	0.7
Manufacturing	12.35	12.44	12.69	12.91	12.88	12.67	12.59	12.64
% Ch	0.1	0.7	2.0	1.7	-0.2	-1.7	-0.6	0.4
Durable Manufacturing	7.71	7.74	7.95	8.13	8.11	7.94	7.87	7.90
% Ch	-0.7	0.3	2.7	2.3	-0.2	-2.1	-0.9	0.4
Wood Products	0.39	0.40	0.41	0.41	0.42	0.43	0.44	0.46
% Ch	2.7	1.1	2.4	1.1	2.6	1.7	2.7	3.6
Primary and Fabricated Metals	1.80	1.80	1.84	1.89	1.91	1.84	1.81	1.85
% Ch	-3.0	0.0	2.7	2.6	0.7	-3.5	-1.4	2.1
Computer and Electronic Products	1.05	1.04	1.06	1.08	1.07	1.07	1.08	1.09
% Ch	-0.5	-0.9	1.6	1.9	-0.6	0.1	0.7	1.1
Machinery and Electrical Equipment	1.46	1.47	1.52	1.56	1.57	1.55	1.54	1.56
% Ch	-3.0	0.4	3.7	2.7	0.7	-1.6	-0.2	1.0
Transportation Equipment	1.63	1.64	1.70	1.74	1.69	1.63	1.58	1.52
% Ch	1.6	0.8	3.6	2.2	-2.7	-3.6	-3.1	-4.2
Other Durables	1.39	1.40	1.42	1.45	1.46	1.43	1.41	1.43
% Ch	1.3	0.9	1.3	2.3	0.4	-1.9	-0.9	1.0
Nondurable Manufacturing	4.64	4.70	4.74	4.78	4.76	4.72	4.72	4.74
% Ch	1.5	1.3	0.9	0.7	-0.3	-0.9	0.0	0.3
Food Manufacturing	1.56	1.60	1.62	1.64	1.66	1.66	1.69	1.72
% Ch	3.0	2.7	1.3	1.1	1.1	0.5	1.5	1.6
Paper and Paper Products	0.37	0.37	0.37	0.36	0.36	0.35	0.35	0.35
% Ch	-0.5	-1.2	0.2	-0.9	-1.4	-1.8	-0.7	-0.1
Other Nondurables	2.71	2.73	2.76	2.78	2.75	2.71	2.68	2.67
% Ch	1.0	0.9	0.8	0.7	-0.9	-1.5	-0.9	-0.5
Natural Resources and Mining	0.67	0.68	0.73	0.75	0.76	0.77	0.78	0.78
% Ch	-17.8	1.1	8.3	2.2	2.0	1.1	0.5	0.3
Construction	6.73	6.97	7.29	7.54	7.75	8.06	8.33	8.59
% Ch	4.1	3.6	4.7	3.4	2.8	4.1	3.4	3.0
Trade, Transportation, and Utilities	27.20	27.40	27.65	27.95	27.91	27.82	27.66	27.50
% Ch	1.4	0.7	0.9	1.1	-0.1	-0.3	-0.6	-0.6
Wholesale Trade	5.79	5.81	5.85	5.95	5.98	5.99	5.99	5.99
% Ch	0.1	0.5	0.7	1.7	0.5	0.2	0.0	0.0
Retail Trade	15.84	15.84	15.82	15.86	15.81	15.74	15.63	15.52
% Ch	1.4	0.0	-0.1	0.2	-0.3	-0.4	-0.7	-0.7
Trans., Warehousing, and Utilities	5.57	5.75	5.97	6.14	6.12	6.08	6.04	5.99
% Ch	2.6	3.1	3.9	2.7	-0.3	-0.6	-0.8	-0.8
Information	2.79	2.81	2.83	2.79	2.76	2.80	2.82	2.82
% Ch	1.6	0.7	0.5	-1.2	-1.1	1.5	0.6	0.0
Publishing Industries	0.73	0.73	0.73	0.72	0.68	0.66	0.65	0.64
% Ch	0.5	-0.2	0.5	-2.1	-5.3	-3.5	-1.4	-0.5
Other Information	2.06	2.08	2.09	2.07	2.08	2.15	2.17	2.18
% Ch	1.9	1.0	0.4	-0.9	0.4	3.2	1.2	0.1
Financial Activities	8.29	8.45	8.57	8.72	8.84	8.87	8.88	8.86
% Ch	2.0	2.0	1.4	1.7	1.3	0.4	0.1	-0.2
Professional and Business Services	20.11	20.51	21.00	21.58	22.20	22.72	23.32	24.01
% Ch	2.1	2.0	2.4	2.8	2.9	2.3	2.6	2.9
Education and Health Services	22.64	23.19	23.67	24.15	24.23	24.33	24.40	24.48
% Ch	2.8	2.4	2.1	2.0	0.3	0.4	0.3	0.3
Leisure and Hospitality	15.66	16.05	16.35	16.80	17.06	17.14	17.29	17.35
% Ch	3.3	2.5	1.9	2.8	1.5	0.5	0.9	0.3
Other Services	5.69	5.77	5.84	5.89	5.82	5.76	5.70	5.63
% Ch	1.2	1.4	1.3	0.8	-1.2	-1.1	-1.1	-1.1
Federal Government	2.79	2.80	2.80	2.80	2.93	2.80	2.80	2.80
% Ch	1.4	0.4	-0.3	0.2	4.5	-4.3	0.0	0.0
State and Local Government	19.44	19.55	19.65	19.74	19.89	20.05	20.22	20.38
% Ch	0.9	0.6	0.5	0.4	0.8	0.8	0.8	0.8

Table A2.2

U.S. Nonagricultural Employment by Industry (Millions)

Forecast 2019 to 2023

	2018:1	2018:2	2018:3	2018:4	2019:1	2019:2	2019:3	2019:4
Nonfarm Payroll Employment	148.05	148.74	149.41	150.06	150.81	151.39	151.91	152.34
% Ch, Annual Rate	1.8	1.9	1.8	1.7	2.0	1.6	1.4	1.1
Manufacturing	12.59	12.66	12.72	12.79	12.85	12.89	12.91	12.98
% Ch, Annual Rate	2.3	2.3	1.9	2.2	1.9	1.4	0.4	2.2
Durable Manufacturing	7.86	7.92	7.97	8.02	8.08	8.12	8.13	8.19
% Ch, Annual Rate	3.4	3.0	2.7	2.5	2.9	2.0	0.4	3.0
Wood Products	0.40	0.41	0.41	0.41	0.41	0.41	0.41	0.41
% Ch, Annual Rate	6.1	2.4	1.6	0.2	3.7	-3.1	-0.2	6.5
Primary and Fabricated Metals	1.83	1.84	1.85	1.86	1.87	1.89	1.89	1.92
% Ch, Annual Rate	3.5	3.1	2.7	1.2	3.3	3.0	1.5	4.9
Computer and Electronic Products	1.05	1.05	1.06	1.06	1.07	1.08	1.07	1.07
% Ch, Annual Rate	1.2	1.9	1.9	2.2	4.3	2.0	-2.3	-0.6
Machinery and Electrical Equipment	1.49	1.51	1.53	1.54	1.55	1.55	1.56	1.58
% Ch, Annual Rate	3.8	5.3	3.6	3.0	2.8	0.5	1.9	5.5
Transportation Equipment	1.68	1.69	1.71	1.73	1.74	1.75	1.74	1.74
% Ch, Annual Rate	4.9	3.3	4.0	4.5	2.4	1.7	-2.2	0.8
Other Durables	1.41	1.41	1.42	1.43	1.43	1.45	1.46	1.46
% Ch, Annual Rate	2.2	1.1	1.0	1.9	2.0	3.9	2.8	2.5
Nondurable Manufacturing	4.73	4.74	4.74	4.76	4.77	4.77	4.78	4.79
% Ch, Annual Rate	0.5	1.0	0.6	1.7	0.2	0.5	0.4	0.9
Food Manufacturing	1.61	1.62	1.62	1.63	1.63	1.63	1.64	1.65
% Ch, Annual Rate	1.1	1.5	0.6	2.3	-0.2	0.2	2.5	3.1
Paper and Paper Products	0.36	0.37	0.37	0.37	0.37	0.36	0.36	0.36
% Ch, Annual Rate	-0.1	1.8	2.5	1.7	-3.5	-3.2	-1.2	0.4
Other Nondurables	2.75	2.75	2.76	2.77	2.77	2.78	2.78	2.77
% Ch, Annual Rate	0.3	0.7	0.3	1.3	0.9	1.2	-0.6	-0.4
Natural Resources and Mining	0.71	0.73	0.74	0.75	0.76	0.74	0.74	0.75
% Ch, Annual Rate	9.6	13.3	6.6	5.5	3.5	-7.8	1.8	0.8
Construction	7.18	7.26	7.33	7.39	7.48	7.52	7.55	7.59
% Ch, Annual Rate	6.7	4.8	4.0	3.3	4.9	2.3	1.5	2.3
Trade, Transportation, and Utilities	27.55	27.61	27.68	27.76	27.86	27.94	28.00	28.00
% Ch, Annual Rate	1.2	0.9	0.9	1.2	1.4	1.1	0.9	0.0
Wholesale Trade	5.83	5.83	5.86	5.89	5.91	5.94	5.97	5.98
% Ch, Annual Rate	0.5	-0.1	2.4	1.8	1.5	1.8	2.1	0.7
Retail Trade	15.83	15.84	15.82	15.81	15.84	15.86	15.88	15.87
% Ch, Annual Rate	0.2	0.3	-0.5	-0.2	0.8	0.3	0.5	-0.2
Trans., Warehousing, and Utilities	5.90	5.95	5.99	6.06	6.10	6.14	6.15	6.15
% Ch, Annual Rate	4.4	3.5	3.2	4.3	3.0	2.6	0.8	-0.2
Information	2.82	2.83	2.83	2.83	2.81	2.79	2.79	2.77
% Ch, Annual Rate	-0.1	2.1	-0.5	0.3	-2.4	-3.2	0.3	-2.4
Publishing Industries	0.73	0.73	0.73	0.73	0.73	0.72	0.71	0.70
% Ch, Annual Rate	0.8	0.4	0.6	0.1	-1.4	-3.9	-5.5	-6.7
Other Information	2.08	2.10	2.09	2.10	2.08	2.07	2.08	2.07
% Ch, Annual Rate	-0.4	2.6	-0.9	0.4	-2.8	-2.9	2.4	-0.9
Financial Activities	8.52	8.55	8.58	8.61	8.65	8.70	8.75	8.78
% Ch, Annual Rate	1.4	1.5	1.4	1.4	1.5	2.4	2.2	1.7
Professional and Business Services	20.77	20.93	21.07	21.22	21.33	21.44	21.67	21.89
% Ch, Annual Rate	2.2	3.0	2.8	2.7	2.2	2.1	4.4	4.1
Education and Health Services	23.48	23.59	23.74	23.86	24.02	24.15	24.21	24.21
% Ch, Annual Rate	2.3	1.9	2.6	2.0	2.8	2.2	0.9	0.1
Leisure and Hospitality	16.23	16.30	16.38	16.49	16.66	16.79	16.85	16.91
% Ch, Annual Rate	1.5	1.8	2.0	2.8	4.0	3.3	1.3	1.4
Other Services	5.81	5.84	5.85	5.87	5.89	5.91	5.90	5.87
% Ch, Annual Rate	0.8	2.2	0.8	1.2	1.1	1.5	-0.5	-1.9
Federal Government	2.79	2.79	2.80	2.80	2.80	2.80	2.80	2.80
% Ch, Annual Rate	-0.8	0.1	0.4	0.7	0.0	0.1	0.0	0.0
State and Local Government	19.60	19.64	19.69	19.69	19.71	19.71	19.74	19.78
% Ch, Annual Rate	0.4	0.8	0.9	0.1	0.4	0.1	0.5	0.9

Table A2.2 (continued)

U.S. Nonagricultural Employment by Industry (Millions)

Forecast 2019 to 2023

	2020:1	2020:2	2020:3	2020:4	2021:1	2021:2	2021:3	2021:4
Nonfarm Payroll Employment	152.65	153.11	153.10	153.22	153.45	153.68	153.92	154.15
% Ch, Annual Rate	0.8	1.2	0.0	0.3	0.6	0.6	0.6	0.6
Manufacturing	12.97	12.93	12.84	12.78	12.73	12.67	12.64	12.62
% Ch, Annual Rate	-0.3	-1.2	-2.7	-1.7	-1.7	-1.7	-1.0	-0.9
Durable Manufacturing	8.18	8.15	8.08	8.04	8.00	7.95	7.92	7.90
% Ch, Annual Rate	-0.3	-1.6	-3.4	-1.8	-2.2	-2.3	-1.5	-1.2
Wood Products	0.42	0.42	0.42	0.42	0.43	0.43	0.43	0.43
% Ch, Annual Rate	2.8	3.7	0.4	2.5	2.4	0.8	0.7	1.3
Primary and Fabricated Metals	1.92	1.92	1.90	1.88	1.86	1.84	1.83	1.82
% Ch, Annual Rate	1.1	-0.7	-4.2	-3.4	-3.7	-4.5	-3.2	-2.3
Computer and Electronic Products	1.07	1.07	1.07	1.07	1.07	1.07	1.07	1.07
% Ch, Annual Rate	-0.6	-1.0	-0.4	0.3	0.4	0.3	0.2	0.5
Machinery and Electrical Equipment	1.58	1.57	1.56	1.56	1.55	1.55	1.54	1.54
% Ch, Annual Rate	0.7	-2.0	-2.5	-1.1	-1.5	-2.1	-1.1	-0.7
Transportation Equipment	1.73	1.71	1.68	1.66	1.64	1.63	1.63	1.62
% Ch, Annual Rate	-3.1	-4.4	-6.7	-3.5	-4.4	-2.3	-1.0	-2.3
Other Durables	1.46	1.46	1.45	1.45	1.44	1.43	1.42	1.42
% Ch, Annual Rate	-0.4	-0.8	-2.7	-1.4	-1.8	-2.7	-2.1	-1.3
Nondurable Manufacturing	4.78	4.78	4.76	4.74	4.73	4.72	4.72	4.72
% Ch, Annual Rate	-0.4	-0.6	-1.6	-1.3	-0.8	-0.6	-0.3	-0.2
Food Manufacturing	1.66	1.66	1.66	1.65	1.66	1.66	1.67	1.67
% Ch, Annual Rate	1.1	0.7	-0.8	-0.8	0.9	1.1	1.5	1.3
Paper and Paper Products	0.36	0.36	0.36	0.36	0.35	0.35	0.35	0.35
% Ch, Annual Rate	-1.6	-1.5	-2.5	-2.1	-2.1	-1.6	-1.2	-1.0
Other Nondurables	2.77	2.76	2.74	2.73	2.72	2.71	2.70	2.70
% Ch, Annual Rate	-1.1	-1.3	-1.9	-1.6	-1.7	-1.4	-1.2	-1.1
Natural Resources and Mining	0.75	0.76	0.77	0.77	0.77	0.77	0.77	0.77
% Ch, Annual Rate	1.0	8.0	2.9	0.6	0.1	-0.1	0.9	1.2
Construction	7.64	7.70	7.78	7.87	7.95	8.02	8.10	8.17
% Ch, Annual Rate	2.5	3.0	4.1	4.7	4.3	3.8	3.7	3.7
Trade, Transportation, and Utilities	27.97	27.92	27.91	27.87	27.86	27.85	27.81	27.76
% Ch, Annual Rate	-0.5	-0.7	-0.2	-0.6	0.0	-0.2	-0.6	-0.7
Wholesale Trade	5.98	5.98	5.98	5.99	5.99	6.00	5.99	5.99
% Ch, Annual Rate	0.0	-0.1	0.5	0.3	0.4	0.1	0.0	-0.1
Retail Trade	15.85	15.82	15.81	15.77	15.77	15.76	15.73	15.70
% Ch, Annual Rate	-0.5	-0.8	-0.3	-0.9	-0.1	-0.2	-0.7	-0.8
Trans., Warehousing, and Utilities	6.14	6.12	6.11	6.10	6.10	6.09	6.08	6.06
% Ch, Annual Rate	-0.8	-0.9	-0.6	-0.6	-0.3	-0.6	-0.8	-0.9
Information	2.76	2.74	2.76	2.79	2.80	2.80	2.81	2.81
% Ch, Annual Rate	-1.5	-3.2	2.2	4.5	1.6	0.5	1.0	0.4
Publishing Industries	0.69	0.68	0.67	0.67	0.66	0.66	0.65	0.65
% Ch, Annual Rate	-5.1	-5.1	-4.8	-4.4	-3.1	-2.8	-2.3	-1.8
Other Information	2.07	2.06	2.08	2.12	2.14	2.14	2.15	2.16
% Ch, Annual Rate	-0.3	-2.5	4.6	7.5	3.1	1.5	2.0	1.1
Financial Activities	8.82	8.83	8.84	8.86	8.87	8.87	8.87	8.88
% Ch, Annual Rate	1.5	0.5	0.7	0.7	0.6	0.0	0.1	0.3
Professional and Business Services	22.06	22.14	22.23	22.37	22.53	22.66	22.78	22.92
% Ch, Annual Rate	3.2	1.5	1.7	2.5	2.8	2.4	2.2	2.4
Education and Health Services	24.20	24.22	24.24	24.25	24.30	24.33	24.35	24.36
% Ch, Annual Rate	-0.2	0.3	0.4	0.2	0.8	0.5	0.3	0.1
Leisure and Hospitality	16.96	17.03	17.12	17.13	17.07	17.10	17.17	17.22
% Ch, Annual Rate	1.3	1.8	2.2	0.0	-1.4	0.9	1.4	1.3
Other Services	5.85	5.83	5.81	5.79	5.78	5.77	5.75	5.73
% Ch, Annual Rate	-1.6	-1.4	-1.1	-1.3	-0.7	-0.9	-1.3	-1.2
Federal Government	2.85	3.15	2.89	2.80	2.80	2.80	2.80	2.80
% Ch, Annual Rate	7.8	49.1	-29.1	-12.2	0.0	0.0	0.0	0.0
State and Local Government	19.82	19.86	19.91	19.95	19.99	20.03	20.07	20.11
% Ch, Annual Rate	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.8

Table A2.2 (continued)

U.S. Nonagricultural Employment by Industry (Millions)

Forecast 2019 to 2023

	2022:1	2022:2	2022:3	2022:4	2023:1	2023:2	2023:3	2023:4
Nonfarm Payroll Employment	154.39	154.64	154.91	155.19	155.46	155.72	155.96	156.20
% Ch, Annual Rate	0.6	0.7	0.7	0.7	0.7	0.7	0.6	0.6
Manufacturing	12.60	12.58	12.59	12.60	12.61	12.62	12.65	12.67
% Ch, Annual Rate	-0.4	-0.6	0.0	0.4	0.4	0.5	0.7	0.7
Durable Manufacturing	7.88	7.86	7.86	7.87	7.88	7.89	7.91	7.92
% Ch, Annual Rate	-0.7	-0.9	-0.1	0.4	0.4	0.5	0.9	0.9
Wood Products	0.43	0.44	0.44	0.45	0.45	0.45	0.46	0.46
% Ch, Annual Rate	4.0	3.3	3.8	4.2	3.2	3.3	3.4	3.8
Primary and Fabricated Metals	1.81	1.81	1.81	1.82	1.83	1.84	1.86	1.87
% Ch, Annual Rate	-1.2	-0.7	0.6	1.7	2.6	3.0	3.0	2.9
Computer and Electronic Products	1.07	1.08	1.08	1.08	1.09	1.09	1.09	1.09
% Ch, Annual Rate	0.9	0.6	1.1	1.3	1.3	1.2	1.0	0.8
Machinery and Electrical Equipment	1.54	1.54	1.54	1.55	1.55	1.56	1.56	1.56
% Ch, Annual Rate	0.1	0.1	0.8	1.3	1.3	1.1	0.7	0.7
Transportation Equipment	1.61	1.59	1.57	1.56	1.54	1.52	1.51	1.50
% Ch, Annual Rate	-3.2	-4.6	-3.9	-4.3	-5.0	-4.8	-2.6	-2.3
Other Durables	1.41	1.41	1.41	1.42	1.42	1.43	1.43	1.43
% Ch, Annual Rate	-0.6	-0.7	0.3	1.2	1.3	1.4	1.2	1.1
Nondurable Manufacturing	4.72	4.72	4.72	4.73	4.73	4.73	4.74	4.74
% Ch, Annual Rate	0.1	0.1	0.2	0.3	0.3	0.3	0.4	0.4
Food Manufacturing	1.68	1.69	1.69	1.70	1.70	1.71	1.72	1.73
% Ch, Annual Rate	1.6	1.5	1.5	1.6	1.7	1.7	1.7	1.7
Paper and Paper Products	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
% Ch, Annual Rate	-0.5	-0.4	-0.2	-0.2	-0.1	0.0	0.1	0.2
Other Nondurables	2.69	2.69	2.68	2.68	2.68	2.67	2.67	2.67
% Ch, Annual Rate	-0.8	-0.7	-0.5	-0.4	-0.5	-0.5	-0.4	-0.4
Natural Resources and Mining	0.77	0.77	0.78	0.78	0.78	0.78	0.78	0.78
% Ch, Annual Rate	0.5	0.1	0.4	0.3	0.4	-0.2	0.7	1.1
Construction	8.24	8.30	8.37	8.43	8.49	8.56	8.62	8.68
% Ch, Annual Rate	3.4	3.2	3.2	3.1	3.0	3.0	3.0	2.9
Trade, Transportation, and Utilities	27.71	27.67	27.64	27.60	27.55	27.52	27.48	27.45
% Ch, Annual Rate	-0.7	-0.5	-0.5	-0.5	-0.7	-0.5	-0.5	-0.5
Wholesale Trade	5.99	5.99	5.99	5.99	6.00	5.99	5.99	5.99
% Ch, Annual Rate	0.1	-0.1	0.1	-0.1	0.1	-0.1	0.0	0.0
Retail Trade	15.66	15.64	15.61	15.59	15.55	15.53	15.51	15.48
% Ch, Annual Rate	-1.1	-0.6	-0.6	-0.6	-1.1	-0.5	-0.6	-0.7
Trans., Warehousing, and Utilities	6.05	6.04	6.03	6.02	6.01	6.00	5.98	5.97
% Ch, Annual Rate	-0.7	-0.9	-0.7	-0.8	-0.6	-0.8	-0.7	-0.7
Information	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.81
% Ch, Annual Rate	1.6	0.1	-0.4	-0.4	0.8	0.2	-0.4	-0.9
Publishing Industries	0.65	0.65	0.65	0.64	0.64	0.64	0.64	0.64
% Ch, Annual Rate	-1.0	-1.0	-0.9	-0.7	-0.2	-0.3	-0.2	-0.1
Other Information	2.17	2.18	2.17	2.17	2.18	2.18	2.18	2.17
% Ch, Annual Rate	2.3	0.4	-0.3	-0.3	1.1	0.3	-0.4	-1.1
Financial Activities	8.89	8.88	8.88	8.87	8.87	8.86	8.86	8.85
% Ch, Annual Rate	0.3	-0.2	-0.3	-0.2	0.0	-0.4	-0.3	-0.2
Professional and Business Services	23.07	23.23	23.40	23.58	23.79	23.94	24.08	24.22
% Ch, Annual Rate	2.8	2.8	3.0	3.1	3.5	2.6	2.4	2.4
Education and Health Services	24.38	24.39	24.41	24.43	24.45	24.47	24.48	24.50
% Ch, Annual Rate	0.3	0.3	0.3	0.2	0.5	0.3	0.2	0.2
Leisure and Hospitality	17.23	17.28	17.31	17.33	17.31	17.34	17.36	17.38
% Ch, Annual Rate	0.3	1.0	0.7	0.6	-0.4	0.6	0.5	0.4
Other Services	5.72	5.70	5.69	5.67	5.66	5.64	5.63	5.61
% Ch, Annual Rate	-1.0	-1.1	-1.1	-1.2	-0.9	-1.1	-1.1	-1.0
Federal Government	2.80	2.80	2.80	2.80	2.80	2.80	2.80	2.80
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
State and Local Government	20.16	20.20	20.24	20.28	20.32	20.36	20.40	20.45
% Ch, Annual Rate	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

Table A2.3

Washington Nonagricultural Employment by Industry (Thousands)

Forecast 2019 to 2023

	2016	2017	2018	2019	2020	2021	2022	2023
Nonfarm Payroll Employment	3,244.6	3,322.4	3,404.4	3,475.4	3,525.4	3,561.0	3,599.3	3,636.1
% Ch	3.1	2.4	2.5	2.1	1.4	1.0	1.1	1.0
Manufacturing	290.0	283.8	286.6	293.9	294.9	293.6	294.6	297.9
% Ch	-0.7	-2.1	1.0	2.5	0.3	-0.5	0.4	1.1
Durable Manufacturing	207.6	200.1	201.3	207.5	208.3	207.0	207.4	209.6
% Ch	-1.7	-3.6	0.6	3.1	0.4	-0.6	0.2	1.1
Wood Products	13.1	12.9	13.1	13.2	13.2	13.1	13.2	13.3
% Ch	-1.6	-1.1	1.4	0.7	0.1	-0.7	0.2	0.9
Primary and Fabricated Metals	25.2	25.0	26.0	27.3	27.4	26.3	25.9	26.5
% Ch	-2.0	-0.7	3.9	4.8	0.6	-3.9	-1.5	2.2
Computer and Electronic Products	20.1	19.6	19.8	20.5	20.5	20.8	21.2	21.9
% Ch	0.7	-2.5	1.1	3.6	0.1	1.3	2.2	2.9
Machinery and Electrical Equipment	20.5	20.6	20.8	21.8	22.6	22.7	23.3	24.3
% Ch	-1.2	0.7	0.8	4.9	3.6	0.5	2.5	4.2
Aerospace	91.0	84.1	83.6	85.9	85.9	85.9	85.9	85.9
% Ch	-3.2	-7.6	-0.6	2.7	0.0	0.0	0.0	0.0
Other Transportation Equip.	10.1	10.2	9.8	9.6	9.0	8.7	8.5	8.2
% Ch	-0.9	0.2	-3.3	-2.6	-6.1	-3.4	-2.4	-2.8
Other Durables	27.6	27.7	28.2	29.3	29.7	29.5	29.4	29.6
% Ch	1.2	0.5	1.8	4.0	1.2	-0.7	-0.3	0.6
Nondurable Manufacturing	82.4	83.7	85.3	86.4	86.7	86.6	87.3	88.3
% Ch	2.1	1.5	2.0	1.3	0.3	-0.1	0.8	1.2
Food Manufacturing	37.5	38.0	38.8	39.5	39.6	39.5	39.8	40.1
% Ch	1.9	1.3	2.1	1.8	0.3	-0.3	0.6	0.8
Paper and Paper Products	7.8	7.7	7.6	7.3	7.1	6.9	6.8	6.7
% Ch	-3.5	-0.2	-2.1	-3.7	-2.5	-3.0	-1.7	-1.0
Other Nondurables	37.1	37.9	38.9	39.6	39.9	40.1	40.7	41.5
% Ch	3.4	2.1	2.6	1.7	0.9	0.6	1.5	1.9
Natural Resources and Mining	6.3	6.2	6.3	6.3	6.3	6.3	6.3	6.3
% Ch	-0.8	-1.6	1.6	0.4	-0.6	0.5	0.3	0.1
Construction	186.6	199.7	212.5	219.3	218.0	217.0	216.5	216.3
% Ch	7.7	7.0	6.4	3.2	-0.6	-0.5	-0.2	-0.1
Trade, Transportation, and Utilities	606.4	626.0	639.9	650.6	656.1	659.0	659.9	660.4
% Ch	3.1	3.2	2.2	1.7	0.8	0.4	0.1	0.1
Wholesale Trade	132.8	134.5	138.2	140.8	142.0	142.3	142.6	142.8
% Ch	0.6	1.3	2.8	1.9	0.8	0.3	0.2	0.2
Retail Trade	369.2	384.7	392.9	396.7	401.1	403.9	405.1	406.0
% Ch	4.0	4.2	2.1	1.0	1.1	0.7	0.3	0.2
Electronic Shopping and Mail-Order	38.2	49.7	54.6	59.7	62.8	65.2	67.1	68.8
% Ch	26.6	30.1	9.9	9.3	5.2	3.8	3.0	2.5
Other Retail Trade	330.9	335.0	338.2	337.0	338.2	338.7	338.0	337.1
% Ch	1.9	1.2	1.0	-0.4	0.4	0.1	-0.2	-0.2
Trans., Warehousing, and Utilities	104.4	106.9	108.8	113.1	113.1	112.8	112.2	111.6
% Ch	3.4	2.4	1.8	3.9	0.0	-0.3	-0.5	-0.5
Information	121.5	126.3	133.3	137.3	137.9	140.2	141.7	142.7
% Ch	6.2	3.9	5.5	3.0	0.5	1.7	1.0	0.7
Software Publishers	58.9	61.3	65.0	66.9	67.4	68.3	69.5	70.9
% Ch	5.3	4.1	5.9	2.9	0.8	1.3	1.8	2.0
Other Publishing Industries	5.9	5.5	5.1	4.5	3.7	3.2	2.9	2.6
% Ch	-4.0	-7.0	-7.7	-12.5	-16.0	-14.2	-10.9	-9.4
Other Information	56.7	59.5	63.2	66.0	66.8	68.8	69.3	69.2
% Ch	8.4	4.9	6.2	4.4	1.2	3.0	0.8	-0.2
Financial Activities	150.3	153.1	156.5	158.2	159.7	159.2	158.2	156.7
% Ch	1.8	1.9	2.3	1.1	0.9	-0.3	-0.6	-0.9
Professional and Business Services	403.5	414.1	425.8	438.2	453.3	466.4	480.8	496.3
% Ch	3.5	2.6	2.8	2.9	3.4	2.9	3.1	3.2
Education and Health Services	463.5	476.0	492.1	504.7	511.2	517.7	523.4	528.8
% Ch	3.4	2.7	3.4	2.6	1.3	1.3	1.1	1.0
Leisure and Hospitality	323.3	331.4	341.1	350.9	357.9	361.6	366.1	368.8
% Ch	4.3	2.5	2.9	2.9	2.0	1.0	1.2	0.7
Other Services	117.6	119.9	123.0	125.9	127.7	129.4	130.9	132.3
% Ch	2.3	2.0	2.6	2.3	1.5	1.3	1.2	1.1
Federal Government	74.5	74.9	74.5	74.5	77.3	75.3	75.6	75.9
% Ch	1.9	0.4	-0.5	0.1	3.8	-2.6	0.5	0.4
State and Local Government	501.1	511.0	512.8	515.5	525.0	535.4	545.3	553.8
% Ch	2.5	2.0	0.3	0.5	1.8	2.0	1.9	1.6

Table A2.4

Washington Nonagricultural Employment by Industry (Thousands)
 Forecast 2019 to 2023

	2018:1	2018:2	2018:3	2018:4	2019:1	2019:2	2019:3	2019:4
Nonfarm Payroll Employment	3,382.4	3,394.5	3,410.9	3,429.7	3,451.6	3,467.7	3,483.9	3,498.3
% Ch, Annual Rate	3.7	1.4	1.9	2.2	2.6	1.9	1.9	1.7
Manufacturing	283.9	285.2	287.2	290.3	292.8	293.4	294.1	295.4
% Ch, Annual Rate	2.5	1.8	2.8	4.4	3.5	0.9	0.9	1.8
Durable Manufacturing	198.8	199.9	201.9	204.6	206.7	207.2	207.6	208.6
% Ch, Annual Rate	1.8	2.3	4.1	5.4	4.2	0.8	0.9	2.0
Wood Products	13.2	13.1	13.0	13.2	13.3	13.2	13.1	13.2
% Ch, Annual Rate	3.9	-2.3	-1.8	4.7	4.8	-4.7	-2.3	3.4
Primary and Fabricated Metals	25.6	25.9	26.1	26.5	27.0	27.2	27.3	27.6
% Ch, Annual Rate	8.2	4.6	2.6	6.3	7.7	3.1	1.5	5.1
Computer and Electronic Products	19.7	19.7	19.9	19.8	20.4	20.6	20.5	20.5
% Ch, Annual Rate	2.2	0.0	2.6	-2.0	13.3	4.1	-2.5	0.1
Machinery and Electrical Equipment	20.6	20.8	20.8	21.0	21.4	21.6	21.9	22.4
% Ch, Annual Rate	-4.2	2.7	1.4	3.5	7.8	3.2	5.5	10.5
Aerospace	81.9	82.6	84.2	85.5	85.9	85.9	85.9	85.9
% Ch, Annual Rate	2.2	3.5	7.9	6.0	1.8	0.0	0.0	0.0
Other Transportation Equip.	9.8	9.8	9.8	9.9	9.7	9.6	9.5	9.4
% Ch, Annual Rate	-6.5	0.6	2.4	0.5	-5.8	-4.4	-2.8	-6.0
Other Durables	28.0	28.0	28.1	28.8	29.0	29.1	29.5	29.7
% Ch, Annual Rate	1.3	0.8	0.7	11.3	3.0	1.6	4.8	2.3
Nondurable Manufacturing	85.1	85.2	85.2	85.7	86.0	86.3	86.5	86.8
% Ch, Annual Rate	4.3	0.7	0.0	2.1	1.7	1.0	1.0	1.4
Food Manufacturing	38.9	38.7	38.6	39.0	39.4	39.4	39.5	39.7
% Ch, Annual Rate	7.8	-1.9	-1.3	4.5	4.2	-0.6	1.6	2.2
Paper and Paper Products	7.6	7.6	7.6	7.5	7.4	7.3	7.3	7.3
% Ch, Annual Rate	-2.0	0.5	-2.8	-4.7	-5.6	-4.5	-2.2	-0.3
Other Nondurables	38.5	38.9	39.0	39.2	39.2	39.6	39.7	39.8
% Ch, Annual Rate	2.1	3.4	1.9	1.1	0.7	3.8	1.0	1.1
Natural Resources and Mining	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
% Ch, Annual Rate	4.3	1.5	-0.3	-1.7	2.5	0.8	0.7	-2.7
Construction	209.1	211.4	213.2	216.4	219.6	219.5	219.0	219.0
% Ch, Annual Rate	9.1	4.5	3.5	6.3	6.0	-0.2	-0.9	0.1
Trade, Transportation, and Utilities	638.6	637.8	639.7	643.6	646.3	649.5	652.5	654.2
% Ch, Annual Rate	4.4	-0.5	1.2	2.4	1.7	2.0	1.8	1.0
Wholesale Trade	137.4	138.0	138.6	138.8	139.8	140.5	141.3	141.7
% Ch, Annual Rate	6.3	1.7	1.6	0.7	2.8	2.1	2.3	1.1
Retail Trade	393.1	391.8	392.6	394.0	394.0	395.9	397.9	399.1
% Ch, Annual Rate	4.1	-1.3	0.9	1.4	0.0	1.9	2.0	1.3
Electronic Shopping and Mail-Order	54.3	54.4	54.2	55.6	58.3	59.3	60.2	61.1
% Ch	6.9	0.1	-0.8	10.6	20.9	6.9	6.2	5.6
Other Retail Trade	338.7	337.4	338.4	338.4	335.7	336.6	337.6	338.1
% Ch	3.6	-1.5	1.1	0.0	-3.1	1.1	1.2	0.5
Trans., Warehousing, and Utilities	108.1	108.0	108.5	110.8	112.5	113.1	113.4	113.4
% Ch, Annual Rate	3.0	-0.2	1.8	8.8	6.4	2.1	0.9	0.0
Information	129.5	132.2	134.7	136.6	137.3	137.0	137.5	137.4
% Ch, Annual Rate	4.8	8.4	7.9	5.9	2.0	-1.0	1.7	-0.4
Software Publishers	63.3	64.5	65.7	66.5	66.7	66.9	67.0	67.0
% Ch, Annual Rate	6.5	7.7	8.2	4.7	1.0	1.1	0.7	0.4
Other Publishing Industries	5.2	5.1	5.1	4.9	4.7	4.6	4.4	4.2
% Ch, Annual Rate	-5.8	-7.0	-3.6	-16.3	-12.8	-12.2	-15.3	-18.2
Other Information	61.0	62.6	63.9	65.3	65.9	65.6	66.2	66.2
% Ch, Annual Rate	3.9	10.5	8.5	9.1	4.3	-2.4	3.9	0.1
Financial Activities	155.9	156.5	156.8	156.9	157.0	157.9	158.7	159.3
% Ch, Annual Rate	4.0	1.5	0.7	0.1	0.3	2.4	2.0	1.5
Professional and Business Services	422.4	423.8	427.9	429.2	432.2	435.2	440.3	445.1
% Ch, Annual Rate	4.8	1.3	3.9	1.2	2.8	2.8	4.7	4.5
Education and Health Services	487.6	490.6	493.3	496.9	500.5	504.0	506.3	507.8
% Ch, Annual Rate	3.6	2.5	2.2	3.0	3.0	2.8	1.8	1.2
Leisure and Hospitality	338.6	340.5	341.4	343.8	347.6	350.4	352.1	353.7
% Ch, Annual Rate	5.2	2.3	1.1	2.8	4.5	3.3	1.9	1.9
Other Services	122.1	122.5	123.6	124.0	125.0	125.7	126.2	126.7
% Ch, Annual Rate	2.4	1.4	3.6	1.5	3.2	2.2	1.7	1.4
Federal Government	74.7	74.5	74.4	74.2	74.3	74.5	74.6	74.7
% Ch, Annual Rate	-0.7	-0.8	-0.5	-1.3	0.7	0.7	0.6	0.6
State and Local Government	513.8	513.3	512.5	511.6	512.7	514.3	516.4	518.8
% Ch, Annual Rate	0.4	-0.4	-0.6	-0.7	0.8	1.3	1.6	1.9

Table A2.4 (continued)

Washington Nonagricultural Employment by Industry (Thousands)

Forecast 2019 to 2023

	2020:1	2020:2	2020:3	2020:4	2021:1	2021:2	2021:3	2021:4
Nonfarm Payroll Employment	3,509.1	3,525.4	3,529.5	3,537.8	3,547.0	3,556.3	3,565.6	3,575.1
% Ch, Annual Rate	1.2	1.9	0.5	0.9	1.0	1.0	1.1	1.1
Manufacturing	295.6	295.4	294.6	294.2	293.8	293.5	293.4	293.5
% Ch, Annual Rate	0.3	-0.3	-1.1	-0.6	-0.4	-0.5	-0.1	0.1
Durable Manufacturing	208.8	208.6	208.0	207.7	207.4	207.0	206.8	206.7
% Ch, Annual Rate	0.3	-0.4	-1.1	-0.5	-0.6	-0.7	-0.4	-0.2
Wood Products	13.2	13.3	13.2	13.2	13.2	13.2	13.1	13.1
% Ch, Annual Rate	0.3	1.0	-1.8	0.0	-0.1	-1.4	-1.5	-1.0
Primary and Fabricated Metals	27.7	27.6	27.3	27.0	26.8	26.4	26.2	26.0
% Ch, Annual Rate	0.9	-0.8	-4.5	-3.8	-4.1	-4.9	-3.5	-2.5
Computer and Electronic Products	20.5	20.5	20.5	20.6	20.7	20.7	20.8	20.9
% Ch, Annual Rate	0.2	-0.4	0.4	1.5	1.7	1.5	1.5	1.9
Machinery and Electrical Equipment	22.6	22.6	22.6	22.6	22.7	22.7	22.7	22.8
% Ch, Annual Rate	3.6	-0.2	-0.7	1.2	0.6	-0.1	1.2	1.7
Aerospace	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Transportation Equip.	9.2	9.0	8.9	8.8	8.7	8.7	8.7	8.6
% Ch, Annual Rate	-7.4	-8.0	-5.8	-3.8	-4.8	0.3	-0.9	-2.5
Other Durables	29.7	29.7	29.7	29.6	29.6	29.5	29.4	29.4
% Ch, Annual Rate	0.8	0.3	-0.9	-0.5	-0.7	-1.1	-0.8	-0.5
Nondurable Manufacturing	86.8	86.8	86.6	86.4	86.4	86.5	86.6	86.7
% Ch, Annual Rate	0.1	0.0	-1.0	-0.8	0.0	0.2	0.6	0.7
Food Manufacturing	39.8	39.8	39.6	39.4	39.5	39.5	39.5	39.6
% Ch, Annual Rate	0.3	-0.2	-1.5	-1.6	0.1	0.2	0.7	0.5
Paper and Paper Products	7.2	7.2	7.1	7.0	7.0	6.9	6.9	6.8
% Ch, Annual Rate	-2.7	-2.6	-3.8	-3.3	-3.3	-2.8	-2.3	-2.0
Other Nondurables	39.8	39.9	39.9	40.0	40.0	40.1	40.2	40.3
% Ch, Annual Rate	0.6	0.6	0.1	0.5	0.5	0.7	1.0	1.3
Natural Resources and Mining	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3
% Ch, Annual Rate	-2.2	1.5	0.5	0.6	0.6	0.4	0.1	0.6
Construction	218.1	218.1	218.0	217.9	217.4	217.0	216.8	216.8
% Ch, Annual Rate	-1.6	0.0	-0.2	-0.3	-0.9	-0.7	-0.4	0.1
Trade, Transportation, and Utilities	655.0	655.6	656.7	657.1	658.2	659.0	659.3	659.4
% Ch, Annual Rate	0.5	0.4	0.6	0.3	0.6	0.5	0.2	0.1
Wholesale Trade	141.8	141.9	142.1	142.2	142.3	142.3	142.4	142.4
% Ch, Annual Rate	0.3	0.3	0.5	0.3	0.3	0.1	0.1	0.1
Retail Trade	400.0	400.7	401.6	402.0	402.9	403.8	404.2	404.5
% Ch, Annual Rate	0.9	0.6	0.9	0.4	1.0	0.9	0.4	0.3
Electronic Shopping and Mail-Order	61.8	62.5	63.2	63.8	64.4	65.0	65.5	66.0
% Ch	5.1	4.7	4.3	4.0	3.7	3.5	3.3	3.1
Other Retail Trade	338.2	338.1	338.4	338.1	338.5	338.8	338.7	338.5
% Ch	0.2	-0.1	0.3	-0.3	0.5	0.4	-0.1	-0.2
Trans., Warehousing, and Utilities	113.2	113.1	113.0	113.0	112.9	112.8	112.7	112.5
% Ch, Annual Rate	-0.5	-0.4	-0.3	-0.2	-0.1	-0.3	-0.5	-0.6
Information	137.5	137.2	137.9	139.1	139.7	140.0	140.5	140.8
% Ch, Annual Rate	0.3	-0.9	2.0	3.7	1.7	0.9	1.3	0.9
Software Publishers	67.2	67.3	67.5	67.6	67.9	68.1	68.4	68.7
% Ch, Annual Rate	0.8	0.8	0.9	1.1	1.4	1.5	1.6	1.7
Other Publishing Industries	4.0	3.8	3.6	3.5	3.4	3.3	3.1	3.1
% Ch, Annual Rate	-15.7	-16.2	-16.2	-15.8	-13.6	-13.2	-12.5	-11.5
Other Information	66.4	66.1	66.8	68.0	68.5	68.7	68.9	69.1
% Ch, Annual Rate	0.9	-1.6	4.2	7.7	2.8	1.0	1.7	0.6
Financial Activities	159.7	159.7	159.7	159.7	159.6	159.2	159.0	158.9
% Ch, Annual Rate	1.0	0.0	0.0	-0.1	-0.3	-0.9	-0.6	-0.3
Professional and Business Services	449.1	451.7	454.4	457.8	461.5	464.9	468.0	471.3
% Ch, Annual Rate	3.7	2.3	2.4	3.0	3.3	2.9	2.7	2.9
Education and Health Services	508.8	510.4	512.0	513.5	515.4	517.1	518.5	519.8
% Ch, Annual Rate	0.8	1.2	1.3	1.1	1.5	1.3	1.1	1.0
Leisure and Hospitality	355.3	357.2	359.2	359.9	359.9	360.7	362.3	363.7
% Ch, Annual Rate	1.8	2.1	2.3	0.7	-0.3	1.3	1.7	1.6
Other Services	127.1	127.5	128.0	128.4	128.8	129.2	129.6	130.0
% Ch, Annual Rate	1.4	1.4	1.4	1.3	1.4	1.3	1.2	1.2
Federal Government	75.3	82.5	76.4	75.1	75.2	75.2	75.3	75.4
% Ch, Annual Rate	3.3	44.5	-26.4	-7.0	0.5	0.5	0.5	0.5
State and Local Government	521.2	523.7	526.3	528.9	531.5	534.1	536.7	539.2
% Ch, Annual Rate	1.9	1.9	2.0	2.0	2.0	2.0	2.0	1.9

Table A2.4 (continued)

Washington Nonagricultural Employment by Industry (Thousands)

Forecast 2019 to 2023

	2022:1	2022:2	2022:3	2022:4	2023:1	2023:2	2023:3	2023:4
Nonfarm Payroll Employment	3,584.8	3,594.5	3,604.1	3,613.8	3,623.4	3,632.4	3,640.5	3,648.1
% Ch, Annual Rate	1.1	1.1	1.1	1.1	1.1	1.0	0.9	0.8
Manufacturing	293.8	294.2	294.8	295.7	296.6	297.5	298.3	299.2
% Ch, Annual Rate	0.5	0.5	0.9	1.1	1.2	1.2	1.2	1.2
Durable Manufacturing	206.9	207.1	207.5	208.0	208.7	209.3	209.9	210.5
% Ch, Annual Rate	0.3	0.3	0.8	1.1	1.2	1.2	1.2	1.2
Wood Products	13.1	13.1	13.2	13.2	13.2	13.3	13.3	13.3
% Ch, Annual Rate	1.3	0.7	1.1	1.4	0.6	0.7	0.8	1.1
Primary and Fabricated Metals	25.9	25.9	25.9	26.0	26.2	26.4	26.6	26.8
% Ch, Annual Rate	-1.3	-0.8	0.6	1.8	2.7	3.2	3.2	3.0
Computer and Electronic Products	21.0	21.1	21.3	21.5	21.6	21.8	21.9	22.1
% Ch, Annual Rate	2.6	2.1	2.8	3.2	3.2	3.0	2.7	2.5
Machinery and Electrical Equipment	23.0	23.2	23.4	23.6	23.9	24.2	24.4	24.6
% Ch, Annual Rate	2.8	2.9	3.9	4.6	4.5	4.3	3.8	3.8
Aerospace	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Transportation Equip.	8.6	8.5	8.4	8.4	8.3	8.3	8.2	8.1
% Ch, Annual Rate	-3.1	-3.2	-2.8	-2.8	-2.8	-2.9	-2.8	-2.6
Other Durables	29.4	29.4	29.4	29.4	29.5	29.5	29.6	29.7
% Ch, Annual Rate	-0.1	-0.2	0.1	0.6	0.7	0.8	0.8	0.8
Nondurable Manufacturing	86.9	87.2	87.4	87.6	87.9	88.2	88.4	88.7
% Ch, Annual Rate	0.9	0.9	1.1	1.2	1.2	1.2	1.2	1.3
Food Manufacturing	39.7	39.7	39.8	39.9	39.9	40.0	40.1	40.2
% Ch, Annual Rate	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.9
Paper and Paper Products	6.8	6.8	6.8	6.8	6.7	6.7	6.7	6.7
% Ch, Annual Rate	-1.5	-1.4	-1.2	-1.1	-1.0	-0.9	-0.7	-0.6
Other Nondurables	40.5	40.6	40.8	41.0	41.2	41.4	41.6	41.8
% Ch, Annual Rate	1.5	1.6	1.9	2.0	1.9	1.9	1.9	1.9
Natural Resources and Mining	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
% Ch, Annual Rate	0.7	0.1	0.0	0.0	0.0	0.3	0.2	0.3
Construction	216.6	216.6	216.5	216.4	216.4	216.3	216.2	216.1
% Ch, Annual Rate	-0.3	-0.1	-0.1	-0.1	-0.1	-0.1	-0.2	-0.2
Trade, Transportation, and Utilities	659.4	659.7	660.0	660.3	660.2	660.4	660.5	660.5
% Ch, Annual Rate	0.0	0.2	0.2	0.1	-0.1	0.1	0.0	0.0
Wholesale Trade	142.5	142.5	142.6	142.6	142.7	142.8	142.8	142.8
% Ch, Annual Rate	0.2	0.1	0.2	0.1	0.3	0.1	0.1	0.1
Retail Trade	404.5	404.9	405.3	405.6	405.6	405.9	406.1	406.3
% Ch, Annual Rate	0.0	0.4	0.3	0.3	-0.1	0.4	0.2	0.2
Electronic Shopping and Mail-Order	66.5	66.9	67.4	67.8	68.2	68.6	69.1	69.5
% Ch	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3
Other Retail Trade	338.1	338.0	337.9	337.8	337.3	337.3	337.1	336.8
% Ch	-0.5	-0.1	-0.1	-0.1	-0.6	-0.1	-0.2	-0.3
Trans., Warehousing, and Utilities	112.4	112.3	112.1	112.0	111.9	111.7	111.5	111.4
% Ch, Annual Rate	-0.4	-0.6	-0.5	-0.6	-0.4	-0.6	-0.6	-0.6
Information	141.4	141.6	141.8	141.9	142.4	142.7	142.8	142.9
% Ch, Annual Rate	1.8	0.7	0.3	0.4	1.3	0.9	0.5	0.1
Software Publishers	69.0	69.3	69.6	70.0	70.3	70.7	71.0	71.4
% Ch, Annual Rate	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
Other Publishing Industries	3.0	2.9	2.8	2.7	2.7	2.6	2.6	2.5
% Ch, Annual Rate	-10.0	-10.2	-10.2	-9.8	-8.8	-9.3	-9.1	-9.1
Other Information	69.4	69.4	69.3	69.2	69.3	69.4	69.2	69.0
% Ch, Annual Rate	2.2	0.0	-0.7	-0.7	0.9	0.1	-0.7	-1.4
Financial Activities	158.7	158.4	158.0	157.6	157.3	156.9	156.5	156.1
% Ch, Annual Rate	-0.4	-0.9	-1.0	-0.9	-0.7	-1.2	-1.0	-1.0
Professional and Business Services	475.0	478.7	482.7	486.7	491.1	494.7	498.0	501.3
% Ch, Annual Rate	3.2	3.2	3.3	3.4	3.7	3.0	2.7	2.7
Education and Health Services	521.3	522.7	524.1	525.4	526.9	528.2	529.4	530.6
% Ch, Annual Rate	1.1	1.1	1.1	1.0	1.2	1.0	0.9	0.9
Leisure and Hospitality	364.5	365.7	366.6	367.5	367.7	368.5	369.2	369.8
% Ch, Annual Rate	0.8	1.3	1.1	0.9	0.2	0.9	0.8	0.7
Other Services	130.4	130.8	131.1	131.5	131.8	132.2	132.5	132.8
% Ch, Annual Rate	1.2	1.2	1.1	1.1	1.1	1.0	1.0	0.9
Federal Government	75.5	75.6	75.7	75.8	75.8	75.9	76.0	76.1
% Ch, Annual Rate	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
State and Local Government	541.8	544.2	546.5	548.8	551.0	553.0	554.8	556.5
% Ch, Annual Rate	1.9	1.8	1.7	1.7	1.6	1.5	1.3	1.2

Table A3.1

U.S. Personal Income by Component (Billions of Dollars)

Forecast 2019 to 2023

	2016	2017	2018	2019	2020	2021	2022	2023
Personal Income	16,125.1	16,830.9	17,563.8	18,326.2	19,098.2	19,901.9	20,765.1	21,704.0
% Ch	2.6	4.4	4.4	4.3	4.2	4.2	4.3	4.5
Total Wage and Salary Disbursements	8,080.7	8,453.8	8,824.7	9,221.4	9,639.7	10,063.9	10,537.4	11,056.3
% Ch	2.9	4.6	4.4	4.5	4.5	4.4	4.7	4.9
Nonwage Personal Income	8,044.5	8,377.1	8,739.0	9,104.8	9,458.5	9,838.0	10,227.7	10,647.6
% Ch	2.3	4.1	4.3	4.2	3.9	4.0	4.0	4.1
Supplements to Wages and Salaries	1,875.6	1,953.4	2,020.4	2,086.1	2,176.1	2,269.0	2,370.4	2,473.3
% Ch	1.8	4.1	3.4	3.3	4.3	4.3	4.5	4.3
Proprietor's Income	1,419.3	1,500.9	1,577.2	1,644.7	1,651.5	1,666.1	1,679.3	1,703.1
% Ch	-0.2	5.8	5.1	4.3	0.4	0.9	0.8	1.4
Farm	37.5	38.9	35.4	50.6	59.6	68.5	71.7	72.2
% Ch	...	...	...	...	...	...	...	...
Nonfarm	1,381.8	1,462.0	1,541.8	1,594.1	1,591.9	1,597.6	1,607.6	1,630.9
% Ch	1.2	5.8	5.5	3.4	-0.1	0.4	0.6	1.4
Less: Contribution For Govt. Soc. Ins.	1,239.9	1,298.6	1,359.6	1,413.6	1,472.1	1,533.5	1,603.2	1,680.3
% Ch	2.9	4.7	4.7	4.0	4.1	4.2	4.5	4.8
Dividends/Int./Rent	3,211.4	3,361.8	3,519.6	3,658.0	3,818.5	3,986.8	4,163.8	4,345.5
% Ch	2.8	4.7	4.7	3.9	4.4	4.4	4.4	4.4
Transfer Payments	2,778.1	2,859.7	2,981.5	3,129.7	3,284.4	3,449.6	3,617.4	3,806.1
% Ch	3.5	2.9	4.3	5.0	4.9	5.0	4.9	5.2

Table A3.2

U.S. Personal Income by Component (Billions of Dollars)

Forecast 2019 to 2023

	2018:1	2018:2	2018:3	2018:4	2019:1	2019:2	2019:3	2019:4
Personal Income	17,319.2	17,466.7	17,644.5	17,824.6	18,036.1	18,232.6	18,423.5	18,612.7
% Ch, Annual Rate	5.2	3.5	4.1	4.1	4.8	4.4	4.3	4.2
Total Wage and Salary Disbursements	8,710.6	8,770.8	8,865.6	8,951.8	9,062.5	9,166.2	9,274.9	9,382.1
% Ch, Annual Rate	5.8	2.8	4.4	3.9	5.0	4.7	4.8	4.7
Nonwage Personal Income	8,608.5	8,695.9	8,778.9	8,872.8	8,973.6	9,066.4	9,148.6	9,230.7
% Ch, Annual Rate	4.5	4.1	3.9	4.3	4.6	4.2	3.7	3.6
Supplements to Wages and Salaries	1,999.4	2,012.0	2,027.7	2,042.3	2,058.5	2,072.8	2,095.3	2,117.7
% Ch, Annual Rate	3.9	2.5	3.2	2.9	3.2	2.8	4.4	4.4
Proprietor's Income	1,549.9	1,568.5	1,580.0	1,610.4	1,632.9	1,652.1	1,647.0	1,646.6
% Ch, Annual Rate	6.4	4.9	3.0	7.9	5.7	4.8	-1.2	-0.1
Farm	35.2	37.0	27.9	41.5	46.9	49.7	51.9	53.9
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,514.7	1,531.5	1,552.0	1,568.9	1,586.0	1,602.4	1,595.1	1,592.8
% Ch, Annual Rate	6.6	4.5	5.5	4.4	4.4	4.2	-1.8	-0.6
Less: Contribution For Govt. Soc. Ins.	1,343.6	1,352.4	1,365.5	1,377.1	1,394.1	1,406.8	1,420.2	1,433.5
% Ch, Annual Rate	8.2	2.7	3.9	3.4	5.0	3.7	3.9	3.8
Dividends/Int./Rent	3,468.8	3,502.0	3,539.6	3,568.0	3,593.7	3,633.7	3,681.7	3,722.8
% Ch, Annual Rate	3.6	3.9	4.4	3.3	2.9	4.5	5.4	4.5
Transfer Payments	2,933.9	2,965.8	2,997.2	3,029.2	3,082.7	3,114.5	3,144.9	3,177.0
% Ch, Annual Rate	6.6	4.4	4.3	4.3	7.3	4.2	4.0	4.1

Table A3.2 (continued)

U.S. Personal Income by Component (Billions of Dollars)

Forecast 2019 to 2023

	2020:1	2020:2	2020:3	2020:4	2021:1	2021:2	2021:3	2021:4
Personal Income	18,815.8	19,009.3	19,189.9	19,377.7	19,597.6	19,798.9	20,001.2	20,210.1
% Ch, Annual Rate	4.4	4.2	3.9	4.0	4.6	4.2	4.2	4.2
Total Wage and Salary Disbursements	9,486.5	9,596.5	9,688.2	9,787.4	9,895.7	10,005.8	10,118.9	10,235.1
% Ch, Annual Rate	4.5	4.7	3.9	4.2	4.5	4.5	4.6	4.7
Nonwage Personal Income	9,329.3	9,412.8	9,501.7	9,590.3	9,701.9	9,793.0	9,882.3	9,975.0
% Ch, Annual Rate	4.3	3.6	3.8	3.8	4.7	3.8	3.7	3.8
Supplements to Wages and Salaries	2,143.2	2,167.0	2,186.6	2,207.7	2,233.7	2,256.8	2,280.6	2,305.1
% Ch, Annual Rate	4.9	4.5	3.7	3.9	4.8	4.2	4.3	4.4
Proprietor's Income	1,648.0	1,648.4	1,653.2	1,656.6	1,661.2	1,665.0	1,667.5	1,670.9
% Ch, Annual Rate	0.3	0.1	1.2	0.8	1.1	0.9	0.6	0.8
Farm	56.0	58.6	61.1	62.7	65.7	68.1	69.7	70.7
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,592.0	1,589.8	1,592.1	1,593.9	1,595.5	1,596.8	1,597.8	1,600.2
% Ch, Annual Rate	-0.2	-0.6	0.6	0.5	0.4	0.3	0.2	0.6
Less: Contribution For Govt. Soc. Ins.	1,452.8	1,466.6	1,478.2	1,490.9	1,511.6	1,525.9	1,540.7	1,556.0
% Ch, Annual Rate	5.5	3.8	3.2	3.5	5.7	3.9	3.9	4.0
Dividends/Int./Rent	3,759.1	3,797.6	3,838.4	3,879.0	3,922.3	3,965.9	4,007.6	4,051.5
% Ch, Annual Rate	4.0	4.2	4.4	4.3	4.5	4.5	4.3	4.5
Transfer Payments	3,231.9	3,266.4	3,301.7	3,337.9	3,396.3	3,431.3	3,467.3	3,503.5
% Ch, Annual Rate	7.1	4.3	4.4	4.5	7.2	4.2	4.3	4.2

Table A3.2 (continued)

U.S. Personal Income by Component (Billions of Dollars)

Forecast 2019 to 2023

	2022:1	2022:2	2022:3	2022:4	2023:1	2023:2	2023:3	2023:4
Personal Income	20,439.1	20,652.7	20,872.6	21,095.9	21,348.6	21,581.6	21,820.4	22,065.2
% Ch, Annual Rate	4.6	4.2	4.3	4.3	4.9	4.4	4.5	4.6
Total Wage and Salary Disbursements	10,352.9	10,473.0	10,598.0	10,725.7	10,856.1	10,988.1	11,122.2	11,258.9
% Ch, Annual Rate	4.7	4.7	4.9	4.9	5.0	5.0	5.0	5.0
Nonwage Personal Income	10,086.2	10,179.7	10,274.6	10,370.3	10,492.5	10,593.5	10,698.2	10,806.4
% Ch, Annual Rate	4.5	3.8	3.8	3.8	4.8	3.9	4.0	4.1
Supplements to Wages and Salaries	2,332.9	2,357.7	2,383.0	2,408.1	2,436.4	2,461.0	2,485.6	2,510.4
% Ch, Annual Rate	4.9	4.3	4.4	4.3	4.8	4.1	4.1	4.0
Proprietor's Income	1,671.7	1,676.1	1,682.3	1,686.9	1,690.6	1,697.4	1,706.3	1,718.0
% Ch, Annual Rate	0.2	1.0	1.5	1.1	0.9	1.6	2.1	2.8
Farm	71.3	71.7	71.8	71.8	71.8	72.0	72.2	72.6
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,600.4	1,604.4	1,610.5	1,615.1	1,618.8	1,625.5	1,634.0	1,645.3
% Ch, Annual Rate	0.1	1.0	1.5	1.2	0.9	1.7	2.1	2.8
Less: Contribution For Govt. Soc. Ins.	1,578.6	1,594.5	1,611.3	1,628.4	1,653.3	1,671.1	1,689.2	1,707.8
% Ch, Annual Rate	5.9	4.1	4.3	4.3	6.3	4.4	4.4	4.5
Dividends/Int./Rent	4,095.9	4,141.0	4,185.7	4,232.7	4,277.9	4,322.2	4,367.9	4,414.0
% Ch, Annual Rate	4.5	4.5	4.4	4.6	4.3	4.2	4.3	4.3
Transfer Payments	3,564.3	3,599.4	3,634.9	3,670.9	3,740.9	3,784.0	3,827.6	3,871.8
% Ch, Annual Rate	7.1	4.0	4.0	4.0	7.8	4.7	4.7	4.7

Table A3.3

Washington Personal Income by Component (Billions of Dollars)

Forecast 2019 to 2023

	2016	2017	2018	2019	2020	2021	2022	2023
Personal Income	404.232	428.765	458.163	479.427	501.851	525.367	550.532	577.841
% Ch	5.1	6.1	6.9	4.6	4.7	4.7	4.8	5.0
Total Wage and Salary Disbursements	203.300	218.077	237.117	248.256	260.417	272.813	286.465	301.501
% Ch	6.1	7.3	8.7	4.7	4.9	4.8	5.0	5.2
Manufacturing	21.729	21.691	22.741	23.901	24.817	25.645	26.738	28.097
% Ch	-0.3	-0.2	4.8	5.1	3.8	3.3	4.3	5.1
Durable Manufacturing	17.316	17.080	17.899	18.861	19.582	20.220	21.051	22.104
% Ch	-1.6	-1.4	4.8	5.4	3.8	3.3	4.1	5.0
Nondurable Manufacturing	4.413	4.611	4.843	5.040	5.235	5.424	5.687	5.993
% Ch	4.8	4.5	5.0	4.1	3.9	3.6	4.8	5.4
Nonmanufacturing	174.575	189.496	207.154	216.827	227.783	239.043	251.276	264.611
% Ch	7.1	8.5	9.3	4.7	5.1	4.9	5.1	5.3
Other Private Wages	1.193	1.232	1.386	1.452	1.512	1.573	1.638	1.709
% Ch	4.1	3.3	12.5	4.7	4.2	4.0	4.2	4.3
Farm Wages	1.700	1.467	1.507	1.604	1.710	1.817	1.933	2.059
% Ch	11.5	-13.7	2.7	6.5	6.6	6.2	6.4	6.5
Military Wages	4.103	4.190	4.329	4.473	4.595	4.736	4.879	5.025
% Ch	0.1	2.1	3.3	3.3	2.7	3.1	3.0	3.0
Nonwage Personal Income	200.932	210.688	221.046	231.171	241.434	252.555	264.067	276.340
% Ch	4.1	4.9	4.9	4.6	4.4	4.6	4.6	4.6
Supplements to Wages and Salaries	46.393	48.687	51.733	53.778	56.246	58.803	61.582	64.458
% Ch	5.6	4.9	6.3	4.0	4.6	4.5	4.7	4.7
Proprietor's Income	32.419	35.590	37.300	38.527	38.380	38.614	38.851	39.333
% Ch	-0.2	9.8	4.8	3.3	-0.4	0.6	0.6	1.2
Farm	2.016	1.922	1.621	1.530	1.484	1.626	1.678	1.686
% Ch	...	...	...	...	...	...	...	...
Nonfarm	30.403	33.667	35.679	36.997	36.896	36.988	37.173	37.647
% Ch	3.1	10.7	6.0	3.7	-0.3	0.2	0.5	1.3
Less: Contribution For Govt. Soc. Ins.	33.509	36.007	39.141	40.910	42.634	44.439	46.469	48.734
% Ch	4.4	7.5	8.7	4.5	4.2	4.2	4.6	4.9
Plus: Residence Adjustment	4.190	4.301	4.393	4.604	4.848	5.097	5.374	5.678
% Ch	7.8	2.7	2.1	4.8	5.3	5.1	5.4	5.7
Dividends/Int./Rent	91.551	96.125	101.660	106.523	111.996	117.683	123.645	129.745
% Ch	3.8	5.0	5.8	4.8	5.1	5.1	5.1	4.9
Transfer Payments	59.888	61.992	65.100	68.649	72.596	76.797	81.085	85.860
% Ch	5.8	3.5	5.0	5.5	5.8	5.8	5.6	5.9
State U.I. Benefits	0.982	0.975	0.963	0.825	0.916	1.105	1.231	1.337
% Ch	1.2	-0.7	-1.3	-14.3	11.0	20.6	11.4	8.6
Other Transfers	58.906	61.016	64.138	67.824	71.680	75.692	79.854	84.523
% Ch	5.9	3.6	5.1	5.7	5.7	5.6	5.5	5.8

Table A3.4

Washington Personal Income by Component (Billions of Dollars)

Forecast 2019 to 2023

	2018:1	2018:2	2018:3	2018:4	2019:1	2019:2	2019:3	2019:4
Personal Income	451.517	455.080	460.513	465.540	471.608	476.582	482.016	487.502
% Ch, Annual Rate	12.2	3.2	4.9	4.4	5.3	4.3	4.6	4.6
Total Wage and Salary Disbursements	234.262	235.175	238.256	240.776	244.069	246.623	249.640	252.693
% Ch, Annual Rate	20.7	1.6	5.3	4.3	5.6	4.3	5.0	5.0
Manufacturing	23.403	22.058	22.316	23.188	23.540	23.760	24.004	24.301
% Ch, Annual Rate	32.0	-21.1	4.8	16.6	6.2	3.8	4.2	5.0
Durable Manufacturing	18.596	17.253	17.461	18.285	18.580	18.750	18.939	19.174
% Ch, Annual Rate	37.5	-25.9	4.9	20.2	6.6	3.7	4.1	5.1
Nondurable Manufacturing	4.807	4.805	4.855	4.903	4.959	5.010	5.064	5.126
% Ch, Annual Rate	13.2	-0.2	4.2	4.0	4.6	4.1	4.4	5.0
Nonmanufacturing	203.779	205.935	208.658	210.243	213.092	215.366	218.073	220.777
% Ch, Annual Rate	20.0	4.3	5.4	3.1	5.5	4.3	5.1	5.1
Other Private Wages	1.331	1.408	1.395	1.411	1.429	1.443	1.459	1.475
% Ch, Annual Rate	14.9	25.1	-3.6	4.6	5.3	4.0	4.6	4.3
Farm Wages	1.487	1.497	1.508	1.535	1.566	1.590	1.618	1.644
% Ch, Annual Rate	3.4	3.0	2.9	7.3	8.2	6.3	7.2	6.8
Military Wages	4.261	4.277	4.379	4.400	4.443	4.464	4.487	4.497
% Ch, Annual Rate	3.4	1.5	9.9	1.9	4.0	1.9	2.1	0.9
Nonwage Personal Income	217.256	219.905	222.258	224.764	227.539	229.959	232.376	234.808
% Ch, Annual Rate	3.9	5.0	4.3	4.6	5.0	4.3	4.3	4.3
Supplements to Wages and Salaries	50.883	51.394	52.105	52.551	53.062	53.421	54.013	54.615
% Ch, Annual Rate	11.1	4.1	5.6	3.5	4.0	2.7	4.5	4.5
Proprietor's Income	36.539	37.101	37.474	38.086	38.576	38.714	38.453	38.365
% Ch, Annual Rate	3.4	6.3	4.1	6.7	5.3	1.4	-2.7	-0.9
Farm	1.565	1.656	1.559	1.706	1.725	1.524	1.445	1.424
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	34.975	35.445	35.915	36.380	36.851	37.190	37.008	36.941
% Ch, Annual Rate	6.4	5.5	5.4	5.3	5.3	3.7	-1.9	-0.7
Less: Contribution For Govt. Soc. Ins.	38.442	38.809	39.465	39.847	40.394	40.700	41.081	41.466
% Ch, Annual Rate	17.7	3.9	6.9	3.9	5.6	3.1	3.8	3.8
Plus: Residence Adjustment	4.355	4.376	4.396	4.446	4.511	4.571	4.635	4.698
% Ch, Annual Rate	-2.7	1.9	1.8	4.7	6.0	5.5	5.7	5.5
Dividends/Int./Rent	99.822	101.074	102.352	103.391	104.345	105.716	107.316	108.716
% Ch, Annual Rate	4.7	5.1	5.2	4.1	3.7	5.4	6.2	5.3
Transfer Payments	64.099	64.770	65.396	66.137	67.439	68.237	69.040	69.880
% Ch, Annual Rate	5.7	4.3	3.9	4.6	8.1	4.8	4.8	5.0
State U.I. Benefits	1.022	0.979	0.932	0.917	0.917	0.811	0.773	0.799
% Ch, Annual Rate	22.0	-15.7	-17.9	-6.3	0.0	-38.9	-17.1	14.0
Other Transfers	63.077	63.790	64.464	65.220	66.522	67.426	68.267	69.081
% Ch, Annual Rate	5.5	4.6	4.3	4.8	8.2	5.6	5.1	4.9

Table A3.4 (continued)

Washington Personal Income by Component (Billions of Dollars)

Forecast 2019 to 2023

	2020:1	2020:2	2020:3	2020:4	2021:1	2021:2	2021:3	2021:4
Personal Income	493.376	499.265	504.531	510.231	516.576	522.369	528.228	534.296
% Ch, Annual Rate	4.9	4.9	4.3	4.6	5.1	4.6	4.6	4.7
Total Wage and Salary Disbursements	255.777	259.178	261.824	264.890	268.073	271.160	274.356	277.662
% Ch, Annual Rate	5.0	5.4	4.1	4.8	4.9	4.7	4.8	4.9
Manufacturing	24.531	24.744	24.899	25.093	25.304	25.517	25.752	26.007
% Ch, Annual Rate	3.8	3.5	2.5	3.1	3.4	3.4	3.7	4.0
Durable Manufacturing	19.357	19.521	19.645	19.803	19.965	20.124	20.300	20.492
% Ch, Annual Rate	3.9	3.4	2.6	3.2	3.3	3.2	3.5	3.8
Nondurable Manufacturing	5.174	5.222	5.254	5.290	5.339	5.392	5.452	5.514
% Ch, Annual Rate	3.8	3.8	2.4	2.8	3.8	4.0	4.5	4.7
Nonmanufacturing	223.535	226.648	229.070	231.880	234.754	237.555	240.438	243.423
% Ch, Annual Rate	5.1	5.7	4.3	5.0	5.1	4.9	4.9	5.1
Other Private Wages	1.490	1.507	1.519	1.534	1.549	1.564	1.580	1.596
% Ch, Annual Rate	4.1	4.6	3.3	4.0	4.2	4.0	4.1	4.1
Farm Wages	1.671	1.699	1.721	1.748	1.775	1.802	1.830	1.858
% Ch, Annual Rate	6.5	7.1	5.3	6.2	6.5	6.2	6.3	6.4
Military Wages	4.550	4.580	4.615	4.636	4.690	4.721	4.756	4.777
% Ch, Annual Rate	4.8	2.7	3.0	1.8	4.7	2.7	3.0	1.8
Nonwage Personal Income	237.599	240.087	242.708	245.341	248.503	251.210	253.872	256.634
% Ch, Annual Rate	4.8	4.3	4.4	4.4	5.3	4.4	4.3	4.4
Supplements to Wages and Salaries	55.325	56.000	56.529	57.130	57.860	58.474	59.110	59.768
% Ch, Annual Rate	5.3	5.0	3.8	4.3	5.2	4.3	4.4	4.5
Proprietor's Income	38.340	38.320	38.399	38.461	38.536	38.595	38.631	38.693
% Ch, Annual Rate	-0.3	-0.2	0.8	0.6	0.8	0.6	0.4	0.6
Farm	1.435	1.468	1.504	1.529	1.578	1.619	1.645	1.662
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	36.906	36.852	36.895	36.932	36.958	36.976	36.987	37.031
% Ch, Annual Rate	-0.4	-0.6	0.5	0.4	0.3	0.2	0.1	0.5
Less: Contribution For Govt. Soc. Ins.	42.042	42.481	42.808	43.203	43.817	44.220	44.640	45.078
% Ch, Annual Rate	5.7	4.2	3.1	3.7	5.8	3.7	3.9	4.0
Plus: Residence Adjustment	4.759	4.823	4.877	4.935	4.998	5.063	5.129	5.197
% Ch, Annual Rate	5.3	5.5	4.5	4.8	5.2	5.3	5.3	5.4
Dividends/Int./Rent	109.971	111.291	112.672	114.051	115.505	116.972	118.387	119.867
% Ch, Annual Rate	4.7	4.9	5.1	5.0	5.2	5.2	4.9	5.1
Transfer Payments	71.246	72.133	73.039	73.967	75.420	76.326	77.255	78.187
% Ch, Annual Rate	8.1	5.1	5.1	5.2	8.1	4.9	5.0	4.9
State U.I. Benefits	0.845	0.874	0.950	0.995	1.036	1.087	1.130	1.165
% Ch, Annual Rate	24.8	14.6	39.7	20.6	17.4	21.1	16.7	13.3
Other Transfers	70.402	71.259	72.089	72.972	74.384	75.239	76.125	77.021
% Ch, Annual Rate	7.9	5.0	4.7	5.0	8.0	4.7	4.8	4.8

Table A3.4 (continued)

Washington Personal Income by Component (Billions of Dollars)

Forecast 2019 to 2023

	2022:1	2022:2	2022:3	2022:4	2023:1	2023:2	2023:3	2023:4
Personal Income	540.988	547.255	553.671	560.214	567.572	574.352	581.228	588.212
% Ch, Annual Rate	5.1	4.7	4.8	4.8	5.4	4.9	4.9	4.9
Total Wage and Salary Disbursements	281.155	284.621	288.206	291.877	295.768	299.581	303.404	307.252
% Ch, Annual Rate	5.1	5.0	5.1	5.2	5.4	5.3	5.2	5.2
Manufacturing	26.286	26.569	26.881	27.215	27.560	27.913	28.274	28.642
% Ch, Annual Rate	4.4	4.4	4.8	5.1	5.2	5.2	5.3	5.3
Durable Manufacturing	20.705	20.920	21.160	21.419	21.687	21.961	22.241	22.526
% Ch, Annual Rate	4.2	4.2	4.7	5.0	5.1	5.2	5.2	5.2
Nondurable Manufacturing	5.581	5.649	5.721	5.796	5.873	5.952	6.033	6.116
% Ch, Annual Rate	4.9	5.0	5.2	5.3	5.4	5.5	5.6	5.6
Nonmanufacturing	246.535	249.641	252.831	256.099	259.539	262.915	266.292	269.699
% Ch, Annual Rate	5.2	5.1	5.2	5.3	5.5	5.3	5.2	5.2
Other Private Wages	1.613	1.630	1.647	1.664	1.682	1.700	1.718	1.736
% Ch, Annual Rate	4.3	4.2	4.2	4.3	4.5	4.3	4.2	4.2
Farm Wages	1.888	1.918	1.948	1.979	2.011	2.043	2.075	2.107
% Ch, Annual Rate	6.6	6.4	6.4	6.5	6.7	6.5	6.4	6.3
Military Wages	4.832	4.864	4.899	4.921	4.976	5.009	5.045	5.069
% Ch, Annual Rate	4.6	2.7	2.9	1.8	4.5	2.7	2.9	1.9
Nonwage Personal Income	259.833	262.633	265.465	268.337	271.804	274.771	277.824	280.960
% Ch, Annual Rate	5.1	4.4	4.4	4.4	5.3	4.4	4.5	4.6
Supplements to Wages and Salaries	60.557	61.233	61.923	62.613	63.432	64.120	64.800	65.479
% Ch, Annual Rate	5.4	4.5	4.6	4.5	5.3	4.4	4.3	4.3
Proprietor's Income	38.700	38.787	38.912	39.005	39.076	39.216	39.398	39.642
% Ch, Annual Rate	0.1	0.9	1.3	1.0	0.7	1.4	1.9	2.5
Farm	1.673	1.678	1.680	1.681	1.681	1.683	1.687	1.694
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	37.028	37.109	37.232	37.324	37.395	37.533	37.711	37.948
% Ch, Annual Rate	0.0	0.9	1.3	1.0	0.8	1.5	1.9	2.5
Less: Contribution For Govt. Soc. Ins.	45.753	46.218	46.704	47.201	47.950	48.472	48.994	49.521
% Ch, Annual Rate	6.1	4.1	4.3	4.3	6.5	4.4	4.4	4.4
Plus: Residence Adjustment	5.266	5.336	5.410	5.484	5.561	5.638	5.717	5.797
% Ch, Annual Rate	5.4	5.5	5.6	5.6	5.7	5.7	5.7	5.7
Dividends/Int./Rent	121.361	122.880	124.383	125.956	127.476	128.967	130.498	132.041
% Ch, Annual Rate	5.1	5.1	5.0	5.2	4.9	4.8	4.8	4.8
Transfer Payments	79.703	80.616	81.541	82.480	84.209	85.302	86.406	87.522
% Ch, Annual Rate	8.0	4.7	4.7	4.7	8.7	5.3	5.3	5.3
State U.I. Benefits	1.196	1.221	1.242	1.264	1.287	1.317	1.355	1.388
% Ch, Annual Rate	10.7	8.8	7.1	7.3	7.5	9.5	12.0	10.3
Other Transfers	78.507	79.395	80.298	81.216	82.922	83.986	85.051	86.134
% Ch, Annual Rate	7.9	4.6	4.6	4.6	8.7	5.2	5.2	5.2