



ECONOMIC FORECAST

Calendar Year Summary Tables

Final
November 13, 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	17,688.9	18,108.1	18,638.2	19,062.5	19,396.5	19,745.6	20,120.8	20,523.2
% Ch	1.6	2.4	2.9	2.3	1.8	1.8	1.9	2.0
Real Consumption	12,247.5	12,566.9	12,944.5	13,276.9	13,573.8	13,831.7	14,108.4	14,418.7
% Ch	2.7	2.6	3.0	2.6	2.2	1.9	2.0	2.2
Real Nonresidential Fixed Investment	2,425.3	2,531.2	2,692.3	2,755.5	2,805.6	2,901.2	3,014.5	3,142.9
% Ch	0.7	4.4	6.4	2.3	1.8	3.4	3.9	4.3
Real Residential Fixed Investment	591.2	611.9	602.9	593.6	597.3	592.9	602.6	610.2
% Ch	6.5	3.5	-1.5	-1.5	0.6	-0.7	1.6	1.2
Real Personal Income	15,487.3	15,933.3	16,476.8	17,013.9	17,306.1	17,643.7	18,063.2	18,511.1
% Ch	1.5	2.9	3.4	3.3	1.7	2.0	2.4	2.5
Real Per Capita Income (\$/Person)	47,860	48,925	50,277	51,549	52,064	52,709	53,590	54,546
% Ch	0.8	2.2	2.8	2.5	1.0	1.2	1.7	1.8
Price and Wage Indexes								
PCE Price Index (2012=100)	104.1	105.9	108.1	109.7	111.9	114.0	116.3	118.6
% Ch	1.0	1.8	2.1	1.5	2.0	1.9	2.0	2.0
U.S. Consumer Price Index (1982-84=1.0)	2.400	2.451	2.511	2.557	2.611	2.661	2.721	2.782
% Ch	1.3	2.1	2.4	1.8	2.1	1.9	2.2	2.2
Employment Cost Index (Dec. 2005=1.0)	1.263	1.295	1.334	1.374	1.419	1.466	1.518	1.572
% Ch	2.4	2.6	3.0	3.0	3.3	3.3	3.5	3.6
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	18,715.0	19,519.4	20,580.2	21,427.0	22,282.5	23,212.7	24,205.2	25,264.4
% Ch	2.7	4.3	5.4	4.1	4.0	4.2	4.3	4.4
Personal Income	16,121.2	16,878.8	17,819.2	18,668.8	19,364.4	20,122.8	21,008.1	21,955.3
% Ch	2.6	4.7	5.6	4.8	3.7	3.9	4.4	4.5
Employment (Millions)								
U.S. Civilian Labor Force	159.2	160.3	162.1	163.5	165.2	166.5	167.7	168.7
Total U.S. Employment	151.4	153.3	155.8	157.5	159.4	160.3	161.1	161.7
Unemployment Rate (%)	4.87	4.35	3.89	3.67	3.52	3.74	3.94	4.14
Nonfarm Payroll Employment	144.35	146.61	149.06	151.39	153.08	153.97	154.80	155.35
% Ch	1.8	1.6	1.7	1.6	1.1	0.6	0.5	0.4
Manufacturing	12.35	12.44	12.69	12.84	12.78	12.51	12.47	12.49
% Ch	0.1	0.7	2.0	1.2	-0.5	-2.1	-0.3	0.1
Durable Manufacturing	7.71	7.74	7.94	8.06	8.04	7.88	7.87	7.92
% Ch	-0.7	0.3	2.7	1.4	-0.2	-2.0	-0.1	0.6
Nondurable Manufacturing	4.64	4.70	4.74	4.78	4.73	4.63	4.60	4.57
% Ch	1.5	1.3	0.9	0.8	-1.0	-2.1	-0.7	-0.7
Construction	6.73	6.97	7.29	7.50	7.56	7.63	7.78	7.93
% Ch	4.1	3.6	4.6	2.9	0.8	0.9	1.9	2.0
Service-Providing	124.60	126.53	128.36	130.30	132.00	133.09	133.80	134.17
% Ch	1.9	1.5	1.4	1.5	1.3	0.8	0.5	0.3
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	43.2	51.0	64.9	56.8	55.4	52.5	51.6	51.5
Personal Saving/Disposable Income (%)	6.8	7.0	7.7	8.2	7.8	7.9	8.2	8.2
Auto Sales (Millions)	6.9	6.1	5.3	4.7	4.3	4.2	4.1	4.0
% Ch	-8.6	-11.5	-12.8	-10.6	-8.5	-4.1	-1.9	-0.8
Housing Starts (Millions)	1.178	1.209	1.250	1.255	1.258	1.219	1.287	1.311
% Ch	6.4	2.6	3.4	0.4	0.2	-3.1	5.6	1.8
Federal Budget Surplus (Billions)	-677.0	-724.7	-1,009.8	-1,159.2	-1,164.2	-1,227.3	-1,279.9	-1,287.7
Net Exports (Billions)	-518.8	-575.3	-638.2	-650.5	-644.5	-612.7	-566.8	-518.1
3-Month Treasury Bill Rate (%)	0.32	0.93	1.94	2.06	1.53	1.85	2.17	2.36
10-Year Treasury Note Yield (%)	1.84	2.33	2.91	2.13	2.10	2.74	3.00	2.99
Bond Index of 20 G.O. Munis. (%)	3.27	3.67	3.96	3.57	3.76	4.25	4.49	4.54
30-Year Fixed Mortgage Rate (%)	3.65	3.99	4.54	3.95	3.94	4.37	4.53	4.59

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	18,438.3	18,598.1	18,732.7	18,783.5	18,927.3	19,021.9	19,112.5	19,188.5
% Ch , Annual Rate	2.6	3.5	2.9	1.1	3.1	2.0	1.9	1.6
Real Consumption	12,782.9	12,909.2	13,019.8	13,066.3	13,103.3	13,250.0	13,343.7	13,410.5
% Ch , Annual Rate	1.7	4.0	3.5	1.4	1.1	4.6	2.9	2.0
Real Nonresidential Fixed Investment	2,639.5	2,689.9	2,703.9	2,735.8	2,765.6	2,758.5	2,737.8	2,759.9
% Ch , Annual Rate	8.8	7.9	2.1	4.8	4.4	-1.0	-3.0	3.3
Real Residential Fixed Investment	612.1	606.3	600.1	593.0	591.4	587.0	594.3	601.6
% Ch , Annual Rate	-5.3	-3.7	-4.0	-4.7	-1.0	-3.0	5.1	5.0
Real Personal Income	16,331.6	16,413.8	16,537.2	16,624.5	16,858.6	16,982.5	17,075.3	17,139.2
% Ch , Annual Rate	4.7	2.0	3.0	2.1	5.8	3.0	2.2	1.5
Real Per Capita Income (\$/Person)	49,961	50,133	50,420	50,595	51,216	51,500	51,689	51,790
% Ch , Annual Rate	4.2	1.4	2.3	1.4	5.0	2.2	1.5	0.8
Price and Wage Indexes								
PCE Price Index (2012=100)	107.4	108.0	108.4	108.8	108.9	109.5	109.9	110.6
% Ch , Annual Rate	2.5	2.2	1.6	1.3	0.4	2.4	1.5	2.2
U.S. Consumer Price Index (1982-84=1.0)	2.493	2.506	2.518	2.528	2.533	2.551	2.563	2.581
% Ch , Annual Rate	3.2	2.1	2.0	1.5	0.9	2.9	1.8	2.8
Employment Cost Index (Dec. 2005=1.0)	1.320	1.328	1.339	1.349	1.359	1.367	1.379	1.390
% Ch , Annual Rate	3.7	2.4	3.4	3.0	3.0	2.4	3.6	3.2
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	20,163.2	20,510.2	20,749.8	20,897.8	21,098.8	21,340.3	21,525.8	21,743.1
% Ch , Annual Rate	5.0	7.1	4.8	2.9	3.9	4.7	3.5	4.1
Personal Income	17,540.3	17,725.0	17,928.5	18,082.8	18,355.4	18,599.6	18,772.4	18,947.7
% Ch , Annual Rate	7.4	4.3	4.7	3.5	6.2	5.4	3.8	3.8
Employment (Millions)								
U.S. Civilian Labor Force	161.6	161.8	162.0	162.9	163.1	162.7	163.8	164.4
Total U.S. Employment	155.0	155.4	155.9	156.8	156.8	156.8	157.8	158.6
Unemployment Rate (%)	4.09	3.91	3.79	3.77	3.88	3.62	3.64	3.53
Nonfarm Payroll Employment	148.05	148.74	149.41	150.06	150.68	151.11	151.62	152.16
% Ch , Annual Rate	1.8	1.9	1.8	1.7	1.7	1.2	1.4	1.4
Manufacturing	12.59	12.66	12.72	12.79	12.83	12.84	12.85	12.84
% Ch , Annual Rate	2.3	2.3	1.9	2.2	1.4	0.3	0.3	-0.2
Durable Manufacturing	7.86	7.92	7.97	8.02	8.06	8.06	8.07	8.05
% Ch , Annual Rate	3.4	3.0	2.7	2.4	1.8	0.2	0.3	-0.8
Nondurable Manufacturing	4.73	4.74	4.74	4.77	4.77	4.78	4.78	4.79
% Ch , Annual Rate	0.5	1.0	0.6	1.8	0.7	0.4	0.4	0.7
Construction	7.18	7.26	7.33	7.39	7.45	7.49	7.51	7.55
% Ch , Annual Rate	6.7	4.8	4.0	3.1	3.2	2.3	1.0	2.1
Service-Providing	127.58	128.09	128.62	129.13	129.64	130.03	130.52	131.02
% Ch , Annual Rate	1.4	1.6	1.6	1.6	1.6	1.2	1.5	1.5
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	62.9	68.0	69.8	58.9	54.8	59.8	56.4	56.1
Personal Saving/Disposable Income (%)	7.9	7.6	7.5	7.8	8.5	8.0	8.1	8.0
Auto Sales (Millions)	5.4	5.3	5.2	5.3	5.0	4.8	4.6	4.5
% Ch , Annual Rate	-30.3	-8.1	-11.7	9.9	-20.8	-12.0	-17.5	-5.3
Housing Starts (Millions)	1.321	1.260	1.233	1.185	1.213	1.256	1.282	1.270
% Ch , Annual Rate	20.8	-17.2	-8.2	-14.7	9.8	14.8	8.7	-3.8
Federal Budget Surplus (Billions)	-976.3	-1,013.8	-981.3	-1,067.6	-1,122.9	-1,173.5	-1,180.6	-1,159.6
Net Exports (Billions)	-629.0	-568.4	-671.4	-684.1	-633.8	-662.7	-655.4	-650.0
3-Month Treasury Bill Rate (%)	1.56	1.84	2.04	2.32	2.39	2.30	1.98	1.58
10-Year Treasury Note Yield (%)	2.76	2.92	2.93	3.03	2.65	2.33	1.80	1.74
Bond Index of 20 G.O. Munis. (%)	3.73	3.89	3.97	4.25	4.13	3.70	3.41	3.06
30-Year Fixed Mortgage Rate (%)	4.27	4.54	4.57	4.78	4.38	4.01	3.66	3.73

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	19,271.1	19,358.1	19,440.0	19,516.7	19,613.2	19,703.2	19,787.0	19,879.2
% Ch , Annual Rate	1.7	1.8	1.7	1.6	2.0	1.8	1.7	1.9
Real Consumption	13,479.4	13,547.0	13,606.8	13,662.1	13,730.7	13,798.4	13,865.2	13,932.6
% Ch , Annual Rate	2.1	2.0	1.8	1.6	2.0	2.0	1.9	2.0
Real Nonresidential Fixed Investment	2,788.3	2,790.1	2,809.3	2,834.7	2,862.8	2,889.2	2,913.6	2,939.2
% Ch , Annual Rate	4.2	0.3	2.8	3.7	4.0	3.7	3.4	3.6
Real Residential Fixed Investment	601.3	597.4	594.8	595.6	594.3	591.2	591.5	594.7
% Ch , Annual Rate	-0.2	-2.5	-1.8	0.6	-0.9	-2.1	0.2	2.2
Real Personal Income	17,219.5	17,275.0	17,330.6	17,399.5	17,503.0	17,594.8	17,686.1	17,790.9
% Ch , Annual Rate	1.9	1.3	1.3	1.6	2.4	2.1	2.1	2.4
Real Per Capita Income (\$/Person)	51,941	52,016	52,092	52,207	52,426	52,609	52,790	53,010
% Ch , Annual Rate	1.2	0.6	0.6	0.9	1.7	1.4	1.4	1.7
Price and Wage Indexes								
PCE Price Index (2012=100)	111.1	111.6	112.2	112.7	113.2	113.8	114.3	114.9
% Ch , Annual Rate	2.0	1.9	1.9	1.8	1.9	2.0	2.0	2.0
U.S. Consumer Price Index (1982-84=1.0)	2.593	2.606	2.618	2.628	2.640	2.654	2.669	2.684
% Ch , Annual Rate	2.0	2.0	1.8	1.5	1.9	2.1	2.3	2.3
Employment Cost Index (Dec. 2005=1.0)	1.402	1.414	1.425	1.436	1.448	1.460	1.472	1.485
% Ch , Annual Rate	3.5	3.5	3.1	3.2	3.3	3.3	3.4	3.5
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	21,957.7	22,167.0	22,389.1	22,616.1	22,862.0	23,098.4	23,324.9	23,565.7
% Ch , Annual Rate	4.0	3.9	4.1	4.1	4.4	4.2	4.0	4.2
Personal Income	19,132.3	19,283.7	19,437.3	19,604.2	19,815.4	20,016.3	20,219.1	20,440.4
% Ch , Annual Rate	4.0	3.2	3.2	3.5	4.4	4.1	4.1	4.5
Employment (Millions)								
U.S. Civilian Labor Force	164.7	165.3	165.4	165.7	166.0	166.4	166.7	167.0
Total U.S. Employment	158.9	159.5	159.6	159.7	160.0	160.2	160.4	160.6
Unemployment Rate (%)	3.50	3.47	3.52	3.59	3.65	3.71	3.78	3.83
Nonfarm Payroll Employment	152.56	153.14	153.24	153.38	153.61	153.85	154.07	154.36
% Ch , Annual Rate	1.1	1.5	0.3	0.4	0.6	0.6	0.6	0.8
Manufacturing	12.88	12.83	12.73	12.66	12.57	12.51	12.48	12.49
% Ch , Annual Rate	1.3	-1.7	-3.2	-2.0	-3.0	-1.7	-1.1	0.3
Durable Manufacturing	8.09	8.08	8.01	7.98	7.91	7.88	7.85	7.87
% Ch , Annual Rate	2.0	-0.7	-3.1	-1.6	-3.4	-1.8	-1.2	0.7
Nondurable Manufacturing	4.79	4.75	4.71	4.68	4.65	4.64	4.63	4.62
% Ch , Annual Rate	0.1	-3.5	-3.3	-2.7	-2.2	-1.5	-0.8	-0.4
Construction	7.57	7.55	7.55	7.57	7.59	7.61	7.64	7.68
% Ch , Annual Rate	1.0	-0.6	-0.1	0.9	1.3	1.0	1.4	1.9
Service-Providing	131.36	132.01	132.22	132.41	132.71	132.98	133.21	133.46
% Ch , Annual Rate	1.1	2.0	0.6	0.6	0.9	0.8	0.7	0.7
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	57.0	56.0	54.7	53.8	53.2	52.7	52.3	52.0
Personal Saving/Disposable Income (%)	8.0	7.9	7.7	7.7	7.9	7.9	7.9	8.0
Auto Sales (Millions)	4.5	4.4	4.3	4.2	4.2	4.2	4.1	4.1
% Ch , Annual Rate	-6.9	-9.2	-5.5	-4.5	-3.1	-4.0	-2.2	-2.7
Housing Starts (Millions)	1.268	1.260	1.254	1.248	1.212	1.211	1.218	1.235
% Ch , Annual Rate	-0.6	-2.3	-1.9	-2.0	-11.2	-0.3	2.6	5.5
Federal Budget Surplus (Billions)	-1,151.2	-1,163.0	-1,166.8	-1,175.8	-1,206.9	-1,219.8	-1,233.6	-1,248.8
Net Exports (Billions)	-618.5	-653.3	-664.0	-642.0	-624.9	-613.4	-610.7	-601.6
3-Month Treasury Bill Rate (%)	1.56	1.53	1.51	1.52	1.71	1.74	1.93	2.00
10-Year Treasury Note Yield (%)	1.81	2.01	2.20	2.37	2.53	2.68	2.80	2.94
Bond Index of 20 G.O. Munis. (%)	3.54	3.69	3.84	3.97	4.08	4.21	4.30	4.42
30-Year Fixed Mortgage Rate (%)	3.76	3.89	4.00	4.11	4.24	4.34	4.43	4.48

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	19,974.0	20,071.6	20,170.7	20,266.9	20,370.9	20,472.3	20,573.7	20,676.1
% Ch , Annual Rate	1.9	2.0	2.0	1.9	2.1	2.0	2.0	2.0
Real Consumption	14,000.8	14,071.2	14,142.8	14,218.6	14,299.7	14,380.0	14,459.4	14,535.9
% Ch , Annual Rate	2.0	2.0	2.1	2.2	2.3	2.3	2.2	2.1
Real Nonresidential Fixed Investment	2,967.8	2,998.5	3,030.1	3,061.8	3,094.5	3,126.6	3,158.9	3,191.5
% Ch , Annual Rate	3.9	4.2	4.3	4.3	4.3	4.2	4.2	4.2
Real Residential Fixed Investment	598.7	601.5	604.2	606.2	607.9	609.4	610.6	612.7
% Ch , Annual Rate	2.7	1.9	1.8	1.3	1.2	1.0	0.8	1.4
Real Personal Income	17,910.6	18,011.1	18,114.8	18,216.3	18,343.1	18,453.9	18,565.9	18,681.4
% Ch , Annual Rate	2.7	2.3	2.3	2.3	2.8	2.4	2.5	2.5
Real Per Capita Income (\$/Person)	53,275	53,482	53,697	53,906	54,189	54,424	54,662	54,910
% Ch , Annual Rate	2.0	1.6	1.6	1.6	2.1	1.7	1.8	1.8
Price and Wage Indexes								
PCE Price Index (2012=100)	115.5	116.0	116.6	117.1	117.7	118.3	118.9	119.5
% Ch , Annual Rate	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0
U.S. Consumer Price Index (1982-84=1.0)	2.698	2.713	2.728	2.743	2.759	2.774	2.790	2.805
% Ch , Annual Rate	2.1	2.3	2.2	2.3	2.3	2.2	2.3	2.3
Employment Cost Index (Dec. 2005=1.0)	1.498	1.511	1.524	1.537	1.551	1.565	1.579	1.594
% Ch , Annual Rate	3.7	3.6	3.4	3.5	3.6	3.6	3.7	3.8
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	23,818.1	24,075.8	24,333.9	24,593.2	24,862.5	25,128.6	25,397.3	25,669.0
% Ch , Annual Rate	4.4	4.4	4.4	4.3	4.5	4.3	4.3	4.3
Personal Income	20,677.9	20,896.8	21,117.6	21,340.2	21,595.2	21,831.7	22,073.2	22,321.3
% Ch , Annual Rate	4.7	4.3	4.3	4.3	4.9	4.5	4.5	4.6
Employment (Millions)								
U.S. Civilian Labor Force	167.3	167.6	167.8	168.1	168.3	168.6	168.8	169.0
Total U.S. Employment	160.8	161.0	161.2	161.4	161.5	161.6	161.8	161.9
Unemployment Rate (%)	3.87	3.91	3.96	4.01	4.06	4.11	4.16	4.21
Nonfarm Payroll Employment	154.60	154.73	154.87	155.01	155.16	155.29	155.42	155.55
% Ch, Annual Rate	0.6	0.3	0.4	0.4	0.4	0.3	0.3	0.3
Manufacturing	12.49	12.47	12.46	12.47	12.48	12.49	12.49	12.49
% Ch, Annual Rate	0.0	-0.5	-0.2	0.3	0.3	0.3	0.1	-0.2
Durable Manufacturing	7.87	7.86	7.86	7.88	7.90	7.91	7.93	7.93
% Ch, Annual Rate	0.2	-0.4	0.1	0.7	0.9	0.9	0.6	0.3
Nondurable Manufacturing	4.62	4.61	4.60	4.59	4.59	4.58	4.57	4.55
% Ch, Annual Rate	-0.5	-0.8	-0.7	-0.5	-0.6	-0.8	-0.9	-1.0
Construction	7.72	7.76	7.80	7.84	7.88	7.91	7.95	7.99
% Ch, Annual Rate	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8
Service-Providing	133.65	133.75	133.85	133.95	134.04	134.12	134.21	134.31
% Ch, Annual Rate	0.6	0.3	0.3	0.3	0.3	0.2	0.3	0.3
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	51.8	51.6	51.5	51.5	51.4	51.4	51.4	51.6
Personal Saving/Disposable Income (%)	8.2	8.2	8.3	8.2	8.3	8.2	8.2	8.2
Auto Sales (Millions)	4.1	4.1	4.1	4.1	4.0	4.0	4.0	4.0
% Ch, Annual Rate	-1.5	-1.9	-0.5	-1.0	-1.7	-0.3	0.2	0.1
Housing Starts (Millions)	1.277	1.284	1.288	1.301	1.309	1.311	1.312	1.312
% Ch, Annual Rate	14.3	2.3	1.2	4.3	2.4	0.7	0.3	0.0
Federal Budget Surplus (Billions)	-1,273.5	-1,279.8	-1,284.1	-1,282.3	-1,292.5	-1,289.4	-1,284.1	-1,284.8
Net Exports (Billions)	-587.3	-573.2	-560.0	-546.7	-533.5	-521.3	-511.7	-506.0
3-Month Treasury Bill Rate (%)	2.18	2.17	2.16	2.16	2.32	2.38	2.37	2.37
10-Year Treasury Note Yield (%)	2.96	2.99	3.01	3.01	3.01	3.00	2.99	2.98
Bond Index of 20 G.O. Munis. (%)	4.45	4.48	4.51	4.52	4.54	4.54	4.54	4.54
30-Year Fixed Mortgage Rate (%)	4.52	4.52	4.52	4.57	4.59	4.59	4.59	4.59

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	391.625	410.415	432.202	447.731	456.147	466.857	479.425	493.848
% Ch	4.6	4.8	5.3	3.6	1.9	2.3	2.7	3.0
Real Wage and Salary Disb.	195.358	205.871	219.298	228.041	233.336	239.164	245.831	253.613
% Ch	5.0	5.4	6.5	4.0	2.3	2.5	2.8	3.2
Real Nonwage Income	196.267	204.544	212.904	219.690	222.812	227.693	233.594	240.234
% Ch	4.2	4.2	4.1	3.2	1.4	2.2	2.6	2.8
Real Per Capita Income (\$/Person)	53,678	55,282	57,348	58,558	58,828	59,426	60,279	61,381
% Ch	2.8	3.0	3.7	2.1	0.5	1.0	1.4	1.8
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.041	1.059	1.081	1.097	1.119	1.140	1.163	1.186
% Ch	1.0	1.8	2.1	1.5	2.0	1.9	2.0	2.0
Seattle Cons. Price Index (1982-84=1.0)	2.550	2.628	2.711	2.778	2.832	2.886	2.951	3.017
% Ch	2.3	3.0	3.2	2.5	1.9	1.9	2.2	2.3
Average Nonfarm Annual Wage	60,548	63,581	67,580	70,004	71,931	74,370	77,229	80,647
% Ch	3.0	5.0	6.3	3.6	2.8	3.4	3.8	4.4
Avg. Hourly Earnings-Mfg. (\$/Hour)	26.42	27.37	28.42	29.25	29.92	30.85	31.89	32.99
% Ch	3.5	3.6	3.8	2.9	2.3	3.1	3.4	3.4
Current Dollar Income (Billions of Dollars)								
Personal Income	407.654	434.759	467.399	491.266	510.401	532.457	557.592	585.742
% Ch	5.7	6.6	7.5	5.1	3.9	4.3	4.7	5.0
Disposable Personal Income	358.190	382.063	412.904	433.523	450.778	470.562	492.673	516.401
% Ch	5.9	6.7	8.1	5.0	4.0	4.4	4.7	4.8
Per Capita Income (\$/Person)	55,873	58,560	62,017	64,250	65,824	67,775	70,106	72,801
% Ch	3.8	4.8	5.9	3.6	2.4	3.0	3.4	3.8
Employment (Thousands)								
Washington Civilian Labor Force	3,643.9	3,719.3	3,790.5	3,887.3	3,964.8	4,017.8	4,066.8	4,110.7
Total Washington Employment	3,451.3	3,543.9	3,620.3	3,709.1	3,785.3	3,827.5	3,866.6	3,901.2
Unemployment Rate (%)	5.29	4.72	4.49	4.58	4.53	4.74	4.92	5.10
Nonfarm Payroll Employment	3,242.7	3,321.1	3,404.1	3,469.8	3,523.7	3,560.7	3,594.8	3,622.8
% Ch	3.1	2.4	2.5	1.9	1.6	1.1	1.0	0.8
Manufacturing	290.4	284.2	287.5	294.5	293.5	291.3	293.0	295.5
% Ch	-0.7	-2.1	1.2	2.4	-0.3	-0.8	0.6	0.9
Durable Manufacturing	207.7	200.3	202.1	207.6	207.0	205.9	207.5	209.9
% Ch	-1.7	-3.5	0.9	2.7	-0.3	-0.5	0.8	1.1
Aerospace	91.0	84.2	84.0	88.7	89.1	89.1	89.1	89.1
% Ch	-3.2	-7.5	-0.3	5.6	0.5	0.0	0.0	0.0
Nondurable Manufacturing	82.7	83.9	85.5	86.9	86.6	85.4	85.5	85.6
% Ch	2.0	1.4	1.9	1.7	-0.4	-1.4	0.1	0.1
Construction	186.6	199.8	213.4	218.9	218.2	214.0	212.5	211.8
% Ch	7.7	7.0	6.8	2.6	-0.3	-1.9	-0.7	-0.3
Service-Providing	2,759.5	2,830.9	2,896.9	2,950.4	3,006.1	3,049.7	3,083.6	3,109.8
% Ch	3.2	2.6	2.3	1.8	1.9	1.5	1.1	0.8
Software Publishers	58.9	61.4	65.3	70.3	73.1	73.8	74.7	75.9
% Ch	5.3	4.2	6.4	7.6	4.0	1.0	1.2	1.5
Electronic Shopping and Mail-Order	38.2	49.7	54.8	61.0	63.3	65.6	67.6	69.3
% Ch	26.6	30.1	10.2	11.3	3.8	3.8	3.0	2.5
Housing Indicators (Thousands)								
Housing Units Authorized by Bldg. Permit	44.077	45.794	47.746	45.881	43.588	42.490	42.237	41.631
% Ch	9.2	3.9	4.3	-3.9	-5.0	-2.5	-0.6	-1.4
Single-Family	22.463	23.115	23.676	22.344	23.155	22.995	23.150	23.592
% Ch	13.5	2.9	2.4	-5.6	3.6	-0.7	0.7	1.9
Multi-Family	21.614	22.679	24.070	23.537	20.433	19.495	19.087	18.040
% Ch	5.0	4.9	6.1	-2.2	-13.2	-4.6	-2.1	-5.5
30-Year Fixed Mortgage Rate (%)	3.65	3.99	4.54	3.95	3.94	4.37	4.53	4.59

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	427.055	429.537	435.092	437.123	443.970	446.797	449.105	451.054
% Ch, Annual Rate	8.6	2.3	5.3	1.9	6.4	2.6	2.1	1.7
Real Wage and Salary Disb.	216.923	217.635	221.347	221.287	226.974	227.074	228.533	229.583
% Ch, Annual Rate	12.7	1.3	7.0	-0.1	10.7	0.2	2.6	1.9
Real Nonwage Income	210.132	211.901	213.745	215.836	216.995	219.723	220.571	221.471
% Ch, Annual Rate	4.6	3.4	3.5	4.0	2.2	5.1	1.6	1.6
Real Per Capita Income (\$/Person)	56,982	57,108	57,625	57,676	58,377	58,543	58,634	58,678
% Ch, Annual Rate	7.1	0.9	3.7	0.4	5.0	1.1	0.6	0.3
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.074	1.080	1.084	1.088	1.089	1.095	1.099	1.106
% Ch, Annual Rate	2.5	2.2	1.6	1.3	0.4	2.4	1.5	2.3
Seattle Cons. Price Index (1982-84=1.0)	2.687	2.703	2.715	2.740	2.758	2.766	2.794	2.796
% Ch, Annual Rate	3.8	2.4	1.9	3.6	2.7	1.2	4.1	0.3
Average Nonfarm Annual Wage	66,821	67,147	68,239	68,114	69,716	69,704	70,066	70,530
% Ch, Annual Rate	11.7	2.0	6.7	-0.7	9.7	-0.1	2.1	2.7
Avg. Hourly Earnings-Mfg. (\$/Hour)	27.95	28.36	28.52	28.84	29.19	29.10	29.36	29.33
% Ch, Annual Rate	1.8	5.9	2.3	4.6	5.0	-1.3	3.7	-0.4
Current Dollar Income (Billions of Dollars)								
Personal Income	458.641	463.830	471.677	475.449	483.372	489.323	493.720	498.649
% Ch, Annual Rate	11.3	4.6	6.9	3.2	6.8	5.0	3.6	4.1
Disposable Personal Income	404.386	409.617	416.784	420.828	426.572	431.222	435.871	440.425
% Ch, Annual Rate	13.6	5.3	7.2	3.9	5.6	4.4	4.4	4.2
Per Capita Income (\$/Person)	61,196	61,668	62,471	62,733	63,558	64,115	64,459	64,869
% Ch, Annual Rate	9.8	3.1	5.3	1.7	5.4	3.5	2.2	2.6
Employment (Thousands)								
Washington Civilian Labor Force	3,759.0	3,777.4	3,802.5	3,823.0	3,849.0	3,874.8	3,896.1	3,929.2
Total Washington Employment	3,585.7	3,607.7	3,634.8	3,652.9	3,673.8	3,694.6	3,716.6	3,751.5
Unemployment Rate (%)	4.61	4.49	4.41	4.45	4.55	4.65	4.61	4.52
Nonfarm Payroll Employment	3,381.4	3,394.7	3,411.6	3,428.7	3,441.4	3,463.4	3,480.8	3,493.5
% Ch, Annual Rate	3.9	1.6	2.0	2.0	1.5	2.6	2.0	1.5
Manufacturing	284.4	286.0	288.4	291.3	293.2	293.8	296.0	295.0
% Ch, Annual Rate	2.7	2.3	3.3	4.1	2.6	0.8	3.0	-1.3
Durable Manufacturing	199.4	200.9	202.9	205.0	206.4	207.1	209.0	207.7
% Ch, Annual Rate	2.2	3.0	4.1	4.2	2.7	1.4	3.7	-2.4
Aerospace	82.3	83.0	84.6	86.0	87.2	88.4	90.0	89.1
% Ch, Annual Rate	2.3	3.6	8.0	7.0	5.5	5.9	7.2	-3.9
Nondurable Manufacturing	85.0	85.1	85.4	86.3	86.8	86.7	87.0	87.3
% Ch, Annual Rate	4.0	0.6	1.4	4.1	2.3	-0.4	1.3	1.4
Construction	209.8	212.1	213.9	217.6	215.7	219.1	219.5	221.4
% Ch, Annual Rate	11.8	4.6	3.5	7.0	-3.4	6.3	0.8	3.5
Service-Providing	2,880.9	2,890.2	2,903.0	2,913.6	2,926.3	2,944.5	2,959.5	2,971.3
% Ch, Annual Rate	3.5	1.3	1.8	1.5	1.8	2.5	2.0	1.6
Software Publishers	63.5	64.7	66.0	67.0	68.3	69.4	70.8	72.7
% Ch, Annual Rate	6.8	8.1	8.1	6.4	7.6	6.7	8.6	11.1
Electronic Shopping and Mail-Order	54.1	54.3	54.4	56.4	60.3	61.5	60.5	61.4
% Ch, Annual Rate	3.7	1.8	0.8	15.2	31.3	8.0	-6.3	6.3
Housing Indicators (Thousands)								
Housing Units Authorized by Bldg. Permit	53.183	45.970	42.801	49.030	43.753	48.607	47.978	43.186
% Ch, Annual Rate	20.4	-44.2	-24.9	72.2	-36.6	52.3	-5.1	-34.4
Single-Family	25.018	23.344	23.607	22.734	21.060	22.141	23.667	22.508
% Ch, Annual Rate	7.6	-24.2	4.6	-14.0	-26.4	22.2	30.6	-18.2
Multi-Family	28.165	22.626	19.193	26.296	22.693	26.466	24.312	20.678
% Ch, Annual Rate	33.5	-58.4	-48.2	252.3	-44.5	85.0	-28.8	-47.7
30-Year Fixed Mortgage Rate (%)	4.27	4.54	4.57	4.78	4.38	4.01	3.66	3.73

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	452.757	455.364	457.088	459.380	462.630	465.435	468.195	471.168
% Ch, Annual Rate	1.5	2.3	1.5	2.0	2.9	2.4	2.4	2.6
Real Wage and Salary Disb.	230.363	233.108	234.285	235.586	237.060	238.402	239.796	241.398
% Ch, Annual Rate	1.4	4.9	2.0	2.2	2.5	2.3	2.4	2.7
Real Nonwage Income	222.394	222.256	222.803	223.794	225.569	227.034	228.398	229.770
% Ch, Annual Rate	1.7	-0.2	1.0	1.8	3.2	2.6	2.4	2.4
Real Per Capita Income (\$/Person)	58,692	58,826	58,849	58,947	59,171	59,339	59,502	59,693
% Ch, Annual Rate	0.1	0.9	0.2	0.7	1.5	1.1	1.1	1.3
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.111	1.116	1.122	1.127	1.132	1.138	1.143	1.149
% Ch, Annual Rate	2.0	1.9	1.9	1.8	1.9	2.0	2.0	2.0
Seattle Cons. Price Index (1982-84=1.0)	2.812	2.826	2.839	2.850	2.863	2.878	2.894	2.911
% Ch, Annual Rate	2.2	2.1	1.8	1.5	1.9	2.1	2.3	2.3
Average Nonfarm Annual Wage	70,918	71,691	72,269	72,845	73,454	74,043	74,658	75,326
% Ch, Annual Rate	2.2	4.4	3.3	3.2	3.4	3.2	3.4	3.6
Avg. Hourly Earnings-Mfg. (\$/Hour)	29.57	29.81	30.03	30.26	30.49	30.73	30.97	31.23
% Ch, Annual Rate	3.3	3.3	3.0	3.0	3.1	3.1	3.2	3.4
Current Dollar Income (Billions of Dollars)								
Personal Income	503.053	508.313	512.653	517.587	523.751	529.491	535.249	541.337
% Ch, Annual Rate	3.6	4.2	3.5	3.9	4.8	4.5	4.4	4.6
Disposable Personal Income	444.315	448.885	452.747	457.164	462.796	467.929	473.063	478.461
% Ch, Annual Rate	3.6	4.2	3.5	4.0	5.0	4.5	4.5	4.6
Per Capita Income (\$/Person)	65,212	65,666	66,002	66,417	66,989	67,506	68,024	68,582
% Ch, Annual Rate	2.1	2.8	2.1	2.5	3.5	3.1	3.1	3.3
Employment (Thousands)								
Washington Civilian Labor Force	3,941.7	3,961.7	3,971.5	3,984.4	3,998.3	4,011.6	4,024.4	4,037.0
Total Washington Employment	3,763.9	3,784.1	3,791.6	3,801.5	3,812.3	3,822.7	3,832.5	3,842.4
Unemployment Rate (%)	4.51	4.48	4.53	4.59	4.65	4.71	4.77	4.82
Nonfarm Payroll Employment	3,503.8	3,523.6	3,529.7	3,537.6	3,547.0	3,556.0	3,564.9	3,575.0
% Ch, Annual Rate	1.2	2.3	0.7	0.9	1.1	1.0	1.0	1.1
Manufacturing	295.2	294.1	292.8	292.0	291.2	291.0	291.1	291.7
% Ch, Annual Rate	0.2	-1.4	-1.9	-1.0	-1.1	-0.3	0.1	0.8
Durable Manufacturing	207.8	207.3	206.5	206.2	205.7	205.7	205.8	206.3
% Ch, Annual Rate	0.1	-0.9	-1.5	-0.6	-1.0	0.0	0.2	1.0
Aerospace	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nondurable Manufacturing	87.4	86.8	86.2	85.8	85.5	85.3	85.3	85.4
% Ch, Annual Rate	0.6	-2.7	-2.7	-2.0	-1.3	-0.9	-0.1	0.4
Construction	219.7	218.8	217.6	216.5	215.3	214.1	213.4	213.2
% Ch, Annual Rate	-3.0	-1.7	-2.0	-2.0	-2.2	-2.2	-1.3	-0.4
Service-Providing	2,983.0	3,004.8	3,013.4	3,023.2	3,034.7	3,045.2	3,054.7	3,064.4
% Ch, Annual Rate	1.6	2.9	1.2	1.3	1.5	1.4	1.3	1.3
Software Publishers	72.9	73.0	73.2	73.4	73.6	73.7	73.9	74.1
% Ch, Annual Rate	0.7	0.9	1.2	1.1	0.8	0.9	1.0	0.9
Electronic Shopping and Mail-Order	62.2	62.9	63.6	64.2	64.8	65.4	65.9	66.4
% 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	43.868	43.780	43.540	43.165	42.743	42.462	42.318	42.436
% Ch, Annual Rate	6.5	-0.8	-2.2	-3.4	-3.9	-2.6	-1.4	1.1
Single-Family	23.218	23.239	23.120	23.044	23.026	22.907	22.961	23.086
% Ch, Annual Rate	13.2	0.4	-2.0	-1.3	-0.3	-2.0	0.9	2.2
Multi-Family	20.650	20.541	20.419	20.121	19.717	19.555	19.356	19.350
% Ch, Annual Rate	-0.5	-2.1	-2.4	-5.7	-7.8	-3.2	-4.0	-0.1
30-Year Fixed Mortgage Rate (%)	3.76	3.89	4.00	4.11	4.24	4.34	4.43	4.48

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	474.671	477.754	481.008	484.268	488.282	491.953	495.682	499.475
% Ch, Annual Rate	3.0	2.6	2.8	2.7	3.4	3.0	3.1	3.1
Real Wage and Salary Disb.	243.223	244.897	246.695	248.509	250.542	252.582	254.639	256.692
% Ch, Annual Rate	3.1	2.8	3.0	3.0	3.3	3.3	3.3	3.3
Real Nonwage Income	231.447	232.857	234.313	235.759	237.741	239.371	241.043	242.783
% Ch, Annual Rate	3.0	2.5	2.5	2.5	3.4	2.8	2.8	2.9
Real Per Capita Income (\$/Person)	59,951	60,158	60,388	60,619	60,946	61,230	61,523	61,824
% Ch, Annual Rate	1.7	1.4	1.5	1.5	2.2	1.9	1.9	2.0
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.155	1.160	1.166	1.171	1.177	1.183	1.189	1.195
% Ch, Annual Rate	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0
Seattle Cons. Price Index (1982-84=1.0)	2.926	2.943	2.959	2.976	2.992	3.009	3.026	3.043
% Ch, Annual Rate	2.1	2.3	2.2	2.3	2.3	2.2	2.3	2.3
Average Nonfarm Annual Wage	76,069	76,820	77,609	78,419	79,293	80,183	81,093	82,018
% Ch, Annual Rate	4.0	4.0	4.2	4.2	4.5	4.6	4.6	4.6
Avg. Hourly Earnings-Mfg. (\$/Hour)	31.50	31.77	32.02	32.29	32.57	32.84	33.13	33.42
% Ch, Annual Rate	3.5	3.4	3.3	3.4	3.5	3.4	3.5	3.6
Current Dollar Income (Billions of Dollars)								
Personal Income	548.010	554.298	560.741	567.317	574.852	582.000	589.321	596.792
% Ch, Annual Rate	5.0	4.7	4.7	4.8	5.4	5.1	5.1	5.2
Disposable Personal Income	484.428	489.870	495.414	500.980	507.298	513.279	519.381	525.647
% Ch, Annual Rate	5.1	4.6	4.6	4.6	5.1	4.8	4.8	4.9
Per Capita Income (\$/Person)	69,214	69,796	70,398	71,015	71,751	72,438	73,145	73,870
% Ch, Annual Rate	3.7	3.4	3.5	3.6	4.2	3.9	4.0	4.0
Employment (Thousands)								
Washington Civilian Labor Force	4,049.3	4,061.2	4,072.7	4,083.9	4,094.9	4,105.7	4,116.1	4,126.3
Total Washington Employment	3,852.3	3,862.3	3,871.6	3,880.3	3,889.0	3,897.2	3,905.3	3,913.3
Unemployment Rate (%)	4.86	4.90	4.94	4.99	5.03	5.08	5.12	5.16
Nonfarm Payroll Employment	3,584.1	3,591.4	3,598.4	3,605.4	3,612.7	3,619.5	3,626.2	3,632.7
% Ch, Annual Rate	1.0	0.8	0.8	0.8	0.8	0.8	0.7	0.7
Manufacturing	292.3	292.6	293.2	293.9	294.7	295.3	295.8	296.2
% Ch, Annual Rate	0.8	0.5	0.8	1.0	1.0	0.9	0.7	0.5
Durable Manufacturing	206.8	207.2	207.7	208.4	209.0	209.7	210.2	210.6
% Ch, Annual Rate	1.0	0.7	1.0	1.3	1.3	1.2	1.0	0.9
Aerospace	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nondurable Manufacturing	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6
% Ch, Annual Rate	0.3	0.1	0.2	0.3	0.2	0.1	-0.1	-0.2
Construction	212.8	212.7	212.4	212.0	211.9	211.8	211.7	211.7
% Ch, Annual Rate	-0.8	-0.1	-0.7	-0.7	-0.2	-0.2	-0.2	-0.1
Service-Providing	3,073.4	3,080.3	3,087.1	3,093.8	3,100.4	3,106.7	3,113.0	3,119.1
% Ch, Annual Rate	1.2	0.9	0.9	0.9	0.9	0.8	0.8	0.8
Software Publishers	74.3	74.6	74.8	75.1	75.4	75.7	76.0	76.3
% Ch, Annual Rate	1.3	1.3	1.4	1.5	1.6	1.6	1.6	1.6
Electronic Shopping and Mail-Order	66.9	67.4	67.8	68.3	68.7	69.1	69.5	69.9
% 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	42.525	42.329	42.065	42.028	41.939	41.748	41.538	41.300
% Ch, Annual Rate	0.8	-1.8	-2.5	-0.4	-0.8	-1.8	-2.0	-2.3
Single-Family	22.903	23.070	23.227	23.399	23.508	23.549	23.620	23.689
% Ch, Annual Rate	-3.1	2.9	2.8	3.0	1.9	0.7	1.2	1.2
Multi-Family	19.622	19.259	18.838	18.629	18.431	18.198	17.918	17.611
% Ch, Annual Rate	5.7	-7.2	-8.5	-4.4	-4.2	-5.0	-6.0	-6.7
30-Year Fixed Mortgage Rate (%)	4.52	4.52	4.52	4.57	4.59	4.59	4.59	4.59

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	151.39	153.08	153.97	154.80	155.35
% Ch	1.8	1.6	1.7	1.6	1.1	0.6	0.5	0.4
Manufacturing	12.35	12.44	12.69	12.84	12.78	12.51	12.47	12.49
% Ch	0.1	0.7	2.0	1.2	-0.5	-2.1	-0.3	0.1
Durable Manufacturing	7.71	7.74	7.94	8.06	8.04	7.88	7.87	7.92
% Ch	-0.7	0.3	2.7	1.4	-0.2	-2.0	-0.1	0.6
Wood Products	0.39	0.40	0.41	0.41	0.41	0.42	0.44	0.46
% Ch	2.7	1.1	2.4	0.9	0.4	1.5	4.8	3.9
Primary and Fabricated Metals	1.80	1.80	1.84	1.86	1.84	1.78	1.79	1.83
% Ch	-3.0	0.0	2.7	1.0	-1.3	-3.4	0.5	2.7
Computer and Electronic Products	1.05	1.04	1.06	1.08	1.09	1.09	1.10	1.10
% Ch	-0.5	-0.9	1.6	2.7	0.7	-0.3	0.7	0.3
Machinery and Electrical Equipment	1.46	1.47	1.52	1.54	1.52	1.52	1.53	1.55
% Ch	-3.0	0.4	3.7	1.4	-1.0	-0.6	0.9	1.4
Transportation Equipment	1.63	1.64	1.70	1.73	1.76	1.70	1.64	1.59
% Ch	1.6	0.8	3.6	1.9	1.6	-3.8	-3.4	-3.0
Other Durables	1.39	1.40	1.42	1.43	1.41	1.38	1.38	1.39
% Ch	1.3	0.9	1.3	0.6	-1.1	-2.1	-0.1	0.6
Nondurable Manufacturing	4.64	4.70	4.74	4.78	4.73	4.63	4.60	4.57
% Ch	1.5	1.3	0.9	0.8	-1.0	-2.1	-0.7	-0.7
Food Manufacturing	1.56	1.60	1.62	1.64	1.64	1.64	1.65	1.66
% Ch	3.0	2.7	1.3	1.1	0.3	-0.4	0.7	0.5
Paper and Paper Products	0.37	0.37	0.37	0.37	0.37	0.36	0.35	0.35
% Ch	-0.5	-1.2	0.2	1.0	0.2	-3.9	-1.5	-0.8
Other Nondurables	2.71	2.73	2.76	2.77	2.72	2.64	2.60	2.57
% Ch	1.0	0.9	0.8	0.6	-1.9	-2.9	-1.4	-1.4
Natural Resources and Mining	0.67	0.68	0.73	0.75	0.74	0.74	0.75	0.77
% Ch	-17.8	1.1	8.3	2.9	-1.6	0.5	1.1	2.0
Construction	6.73	6.97	7.29	7.50	7.56	7.63	7.78	7.93
% Ch	4.1	3.6	4.6	2.9	0.8	0.9	1.9	2.0
Trade, Transportation, and Utilities	27.20	27.40	27.65	27.83	27.86	27.72	27.53	27.21
% Ch	1.4	0.7	0.9	0.7	0.1	-0.5	-0.7	-1.2
Wholesale Trade	5.79	5.81	5.85	5.94	5.98	6.00	5.99	5.98
% Ch	0.1	0.5	0.7	1.5	0.6	0.4	-0.3	-0.1
Retail Trade	15.84	15.84	15.82	15.78	15.74	15.60	15.49	15.23
% Ch	1.4	0.0	-0.1	-0.3	-0.3	-0.9	-0.7	-1.7
Trans., Warehousing, and Utilities	5.57	5.75	5.97	6.11	6.14	6.12	6.05	6.00
% Ch	2.6	3.1	3.9	2.3	0.6	-0.4	-1.1	-0.9
Information	2.79	2.81	2.83	2.82	2.85	2.85	2.81	2.85
% Ch	1.6	0.7	0.5	-0.1	0.8	0.0	-1.3	1.3
Publishing Industries	0.73	0.73	0.73	0.74	0.73	0.70	0.67	0.66
% Ch	0.5	-0.2	0.5	1.1	-2.0	-4.1	-3.3	-1.8
Other Information	2.06	2.08	2.09	2.08	2.12	2.15	2.14	2.19
% Ch	1.9	1.0	0.5	-0.5	1.9	1.4	-0.6	2.3
Financial Activities	8.29	8.45	8.57	8.67	8.77	8.77	8.75	8.73
% Ch	2.0	2.0	1.4	1.2	1.1	0.0	-0.2	-0.2
Professional and Business Services	20.11	20.51	21.00	21.48	22.01	22.94	23.66	24.14
% Ch	2.1	2.0	2.4	2.3	2.5	4.2	3.1	2.0
Education and Health Services	22.64	23.19	23.67	24.26	24.61	24.78	24.78	24.79
% Ch	2.8	2.4	2.1	2.5	1.4	0.7	0.0	0.0
Leisure and Hospitality	15.66	16.05	16.35	16.74	17.08	17.18	17.32	17.38
% Ch	3.3	2.5	1.9	2.4	2.0	0.6	0.8	0.4
Other Services	5.69	5.77	5.84	5.93	5.94	5.89	5.83	5.77
% Ch	1.2	1.4	1.3	1.5	0.1	-0.7	-1.1	-0.9
Federal Government	2.79	2.80	2.80	2.82	2.98	2.87	2.87	2.87
% Ch	1.4	0.4	-0.3	0.8	5.7	-3.5	0.0	0.0
State and Local Government	19.44	19.55	19.65	19.75	19.91	20.08	20.25	20.41
% Ch	0.9	0.6	0.5	0.5	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	150.68	151.11	151.62	152.16
% Ch, Annual Rate	1.8	1.9	1.8	1.7	1.7	1.2	1.4	1.4
Manufacturing	12.59	12.66	12.72	12.79	12.83	12.84	12.85	12.84
% Ch, Annual Rate	2.3	2.3	1.9	2.2	1.4	0.3	0.3	-0.2
Durable Manufacturing	7.86	7.92	7.97	8.02	8.06	8.06	8.07	8.05
% Ch, Annual Rate	3.4	3.0	2.7	2.4	1.8	0.2	0.3	-0.8
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	1.2	0.1	0.9	1.7
Primary and Fabricated Metals	1.83	1.84	1.85	1.86	1.87	1.86	1.86	1.86
% Ch, Annual Rate	3.5	3.1	2.7	1.2	2.0	-0.7	-0.8	-0.5
Computer and Electronic Products	1.05	1.05	1.06	1.06	1.07	1.08	1.09	1.09
% Ch, Annual Rate	1.2	1.9	1.9	2.2	3.6	2.4	3.6	2.1
Machinery and Electrical Equipment	1.49	1.51	1.53	1.54	1.54	1.54	1.54	1.54
% Ch, Annual Rate	3.8	5.3	3.6	2.8	1.6	-0.4	-1.1	-0.5
Transportation Equipment	1.68	1.69	1.71	1.73	1.74	1.74	1.74	1.72
% Ch, Annual Rate	4.9	3.3	4.0	4.5	1.9	0.5	0.1	-4.0
Other Durables	1.41	1.41	1.42	1.42	1.43	1.43	1.43	1.43
% Ch, Annual Rate	2.2	1.1	1.0	1.8	0.3	-0.2	0.7	-0.3
Nondurable Manufacturing	4.73	4.74	4.74	4.77	4.77	4.78	4.78	4.79
% Ch, Annual Rate	0.5	1.0	0.6	1.8	0.7	0.4	0.4	0.7
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	2.5	0.7	0.2	0.9	2.2
Paper and Paper Products	0.36	0.37	0.37	0.37	0.37	0.37	0.37	0.37
% Ch, Annual Rate	-0.1	1.8	2.5	1.8	0.4	-0.2	0.0	3.3
Other Nondurables	2.75	2.75	2.76	2.77	2.77	2.77	2.78	2.77
% Ch, Annual Rate	0.3	0.7	0.3	1.3	0.7	0.6	0.3	-0.5
Natural Resources and Mining	0.71	0.73	0.74	0.75	0.76	0.76	0.75	0.75
% Ch, Annual Rate	9.6	13.3	6.6	5.5	3.4	0.0	-4.5	0.0
Construction	7.18	7.26	7.33	7.39	7.45	7.49	7.51	7.55
% Ch, Annual Rate	6.7	4.8	4.0	3.1	3.2	2.3	1.0	2.1
Trade, Transportation, and Utilities	27.55	27.61	27.68	27.76	27.82	27.81	27.82	27.87
% Ch, Annual Rate	1.2	0.9	0.9	1.2	0.9	-0.2	0.1	0.8
Wholesale Trade	5.83	5.83	5.86	5.89	5.92	5.93	5.94	5.97
% Ch, Annual Rate	0.5	-0.1	2.4	1.8	1.9	1.1	0.7	1.9
Retail Trade	15.83	15.84	15.82	15.81	15.82	15.77	15.76	15.77
% Ch, Annual Rate	0.2	0.3	-0.5	-0.1	0.1	-1.0	-0.3	0.1
Trans., Warehousing, and Utilities	5.90	5.95	5.99	6.06	6.09	6.10	6.11	6.14
% Ch, Annual Rate	4.4	3.5	3.2	4.4	2.1	0.8	0.7	1.5
Information	2.82	2.83	2.83	2.83	2.81	2.82	2.82	2.84
% Ch, Annual Rate	-0.1	2.1	-0.5	0.4	-2.5	0.7	1.2	2.2
Publishing Industries	0.73	0.73	0.73	0.73	0.73	0.74	0.74	0.75
% Ch, Annual Rate	0.8	0.4	0.6	0.1	0.2	2.9	2.4	1.2
Other Information	2.08	2.10	2.09	2.10	2.08	2.08	2.08	2.09
% Ch, Annual Rate	-0.4	2.6	-0.9	0.5	-3.4	-0.1	0.8	2.6
Financial Activities	8.52	8.55	8.58	8.61	8.63	8.66	8.69	8.72
% Ch, Annual Rate	1.4	1.5	1.4	1.4	0.7	1.3	1.7	1.5
Professional and Business Services	20.77	20.93	21.07	21.22	21.30	21.42	21.53	21.66
% Ch, Annual Rate	2.2	3.0	2.8	2.8	1.6	2.2	2.1	2.5
Education and Health Services	23.48	23.59	23.74	23.86	24.02	24.18	24.36	24.47
% Ch, Annual Rate	2.3	1.9	2.6	2.0	2.7	2.8	3.0	1.8
Leisure and Hospitality	16.23	16.30	16.38	16.50	16.66	16.70	16.74	16.87
% Ch, Annual Rate	1.5	1.8	2.0	2.9	3.9	0.9	1.0	3.2
Other Services	5.81	5.84	5.85	5.87	5.90	5.93	5.95	5.94
% Ch, Annual Rate	0.8	2.2	0.8	1.2	1.8	2.3	1.3	-0.3
Federal Government	2.79	2.79	2.80	2.80	2.80	2.81	2.84	2.82
% Ch, Annual Rate	-0.8	0.1	0.4	0.5	0.2	1.8	3.0	-2.1
State and Local Government	19.60	19.64	19.69	19.68	19.71	19.71	19.78	19.82
% Ch, Annual Rate	0.4	0.8	0.9	0.0	0.4	0.1	1.4	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	152.56	153.14	153.24	153.38	153.61	153.85	154.07	154.36
% Ch, Annual Rate	1.1	1.5	0.3	0.4	0.6	0.6	0.6	0.8
Manufacturing	12.88	12.83	12.73	12.66	12.57	12.51	12.48	12.49
% Ch, Annual Rate	1.3	-1.7	-3.2	-2.0	-3.0	-1.7	-1.1	0.3
Durable Manufacturing	8.09	8.08	8.01	7.98	7.91	7.88	7.85	7.87
% Ch, Annual Rate	2.0	-0.7	-3.1	-1.6	-3.4	-1.8	-1.2	0.7
Wood Products	0.41	0.41	0.41	0.41	0.41	0.42	0.42	0.42
% Ch, Annual Rate	-2.5	3.3	-1.1	2.0	0.3	2.5	1.5	4.5
Primary and Fabricated Metals	1.86	1.85	1.83	1.81	1.79	1.78	1.77	1.77
% Ch, Annual Rate	1.3	-2.5	-5.4	-3.5	-4.5	-2.8	-1.9	0.2
Computer and Electronic Products	1.10	1.09	1.09	1.09	1.09	1.09	1.09	1.09
% Ch, Annual Rate	1.6	-2.0	-1.6	-1.1	-0.4	0.7	1.2	1.3
Machinery and Electrical Equipment	1.54	1.53	1.52	1.52	1.51	1.51	1.52	1.52
% Ch, Annual Rate	0.3	-2.2	-3.4	-0.1	-0.7	0.5	0.4	1.3
Transportation Equipment	1.76	1.77	1.77	1.76	1.72	1.70	1.68	1.68
% Ch, Annual Rate	8.5	3.2	-1.1	-2.1	-7.7	-5.3	-4.0	-0.1
Other Durables	1.42	1.42	1.40	1.40	1.39	1.38	1.38	1.38
% Ch, Annual Rate	-1.0	-1.3	-3.9	-1.8	-2.8	-1.6	-1.6	-0.1
Nondurable Manufacturing	4.79	4.75	4.71	4.68	4.65	4.64	4.63	4.62
% Ch, Annual Rate	0.1	-3.5	-3.3	-2.7	-2.2	-1.5	-0.8	-0.4
Food Manufacturing	1.65	1.65	1.64	1.64	1.64	1.63	1.64	1.64
% Ch, Annual Rate	1.3	-1.3	-1.6	-1.2	0.1	-0.3	0.5	1.2
Paper and Paper Products	0.38	0.37	0.37	0.36	0.36	0.36	0.36	0.35
% Ch, Annual Rate	7.1	-5.6	-5.6	-5.2	-4.3	-2.3	-1.9	-1.6
Other Nondurables	2.76	2.73	2.70	2.68	2.66	2.64	2.63	2.63
% Ch, Annual Rate	-1.4	-4.4	-4.0	-3.3	-3.4	-2.2	-1.5	-1.3
Natural Resources and Mining	0.74	0.74	0.74	0.74	0.74	0.74	0.75	0.75
% Ch, Annual Rate	-2.4	-2.6	0.7	-0.4	0.4	1.6	1.5	0.4
Construction	7.57	7.55	7.55	7.57	7.59	7.61	7.64	7.68
% Ch, Annual Rate	1.0	-0.6	-0.1	0.9	1.3	1.0	1.4	1.9
Trade, Transportation, and Utilities	27.90	27.86	27.87	27.82	27.77	27.74	27.68	27.68
% Ch, Annual Rate	0.4	-0.6	0.2	-0.8	-0.6	-0.5	-0.9	0.1
Wholesale Trade	5.98	5.97	5.98	5.99	6.00	6.01	6.01	6.00
% Ch, Annual Rate	0.3	-0.3	0.8	0.3	0.8	0.5	0.2	-0.7
Retail Trade	15.77	15.74	15.75	15.70	15.64	15.60	15.55	15.59
% Ch, Annual Rate	0.0	-0.6	0.1	-1.3	-1.3	-1.0	-1.4	1.0
Trans., Warehousing, and Utilities	6.16	6.14	6.14	6.13	6.13	6.13	6.12	6.09
% Ch, Annual Rate	1.4	-0.9	-0.1	-0.6	-0.1	-0.2	-0.6	-1.6
Information	2.84	2.85	2.85	2.85	2.86	2.86	2.85	2.82
% Ch, Annual Rate	-0.1	0.9	0.7	0.2	1.4	-0.7	-1.4	-3.3
Publishing Industries	0.74	0.73	0.72	0.72	0.71	0.70	0.69	0.68
% Ch, Annual Rate	-5.0	-4.4	-3.2	-3.5	-4.8	-4.4	-4.0	-4.4
Other Information	2.10	2.12	2.13	2.14	2.16	2.16	2.16	2.14
% Ch, Annual Rate	1.6	2.8	2.1	1.5	3.6	0.6	-0.6	-3.0
Financial Activities	8.75	8.76	8.79	8.78	8.78	8.77	8.78	8.76
% Ch, Annual Rate	1.0	0.8	1.3	-0.4	-0.3	-0.2	0.2	-0.8
Professional and Business Services	21.73	21.87	22.09	22.34	22.63	22.85	23.01	23.27
% Ch, Annual Rate	1.4	2.5	4.1	4.6	5.3	3.9	2.9	4.4
Education and Health Services	24.56	24.57	24.63	24.67	24.75	24.78	24.81	24.79
% Ch, Annual Rate	1.5	0.1	0.9	0.7	1.3	0.5	0.5	-0.4
Leisure and Hospitality	16.93	17.05	17.16	17.18	17.11	17.15	17.21	17.25
% Ch, Annual Rate	1.4	2.8	2.6	0.5	-1.6	0.9	1.5	0.9
Other Services	5.96	5.94	5.93	5.91	5.91	5.90	5.89	5.87
% Ch, Annual Rate	1.0	-1.1	-0.7	-1.2	-0.3	-0.5	-0.7	-1.7
Federal Government	2.84	3.23	2.97	2.87	2.87	2.87	2.87	2.87
% Ch, Annual Rate	3.1	66.5	-28.5	-12.0	0.0	0.0	0.0	0.0
State and Local Government	19.85	19.89	19.94	19.98	20.02	20.06	20.10	20.14
% Ch, Annual Rate	0.6	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	154.60	154.73	154.87	155.01	155.16	155.29	155.42	155.55
% Ch, Annual Rate	0.6	0.3	0.4	0.4	0.4	0.3	0.3	0.3
Manufacturing	12.49	12.47	12.46	12.47	12.48	12.49	12.49	12.49
% Ch, Annual Rate	0.0	-0.5	-0.2	0.3	0.3	0.3	0.1	-0.2
Durable Manufacturing	7.87	7.86	7.86	7.88	7.90	7.91	7.93	7.93
% Ch, Annual Rate	0.2	-0.4	0.1	0.7	0.9	0.9	0.6	0.3
Wood Products	0.43	0.43	0.44	0.45	0.45	0.45	0.46	0.46
% Ch, Annual Rate	5.8	5.7	6.0	5.6	3.8	2.7	1.7	1.8
Primary and Fabricated Metals	1.77	1.78	1.79	1.80	1.81	1.83	1.84	1.85
% Ch, Annual Rate	1.1	1.1	1.8	2.8	3.2	3.2	2.5	2.2
Computer and Electronic Products	1.10	1.10	1.10	1.10	1.10	1.10	1.10	1.10
% Ch, Annual Rate	1.0	-0.2	-0.1	0.3	0.6	0.5	0.4	0.2
Machinery and Electrical Equipment	1.52	1.53	1.53	1.54	1.54	1.55	1.55	1.56
% Ch, Annual Rate	0.8	0.9	1.3	1.5	1.8	1.5	0.9	0.7
Transportation Equipment	1.67	1.65	1.63	1.61	1.60	1.59	1.59	1.58
% Ch, Annual Rate	-3.1	-5.0	-4.5	-3.5	-2.9	-2.6	-1.3	-1.9
Other Durables	1.38	1.38	1.38	1.38	1.39	1.39	1.39	1.39
% Ch, Annual Rate	0.3	-0.2	0.5	1.1	0.9	0.8	0.0	-0.2
Nondurable Manufacturing	4.62	4.61	4.60	4.59	4.59	4.58	4.57	4.55
% Ch, Annual Rate	-0.5	-0.8	-0.7	-0.5	-0.6	-0.8	-0.9	-1.0
Food Manufacturing	1.65	1.65	1.65	1.65	1.65	1.66	1.66	1.66
% Ch, Annual Rate	1.0	0.5	0.5	0.7	0.6	0.4	0.2	0.0
Paper and Paper Products	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35
% Ch, Annual Rate	-1.5	-1.5	-1.1	-0.7	-0.5	-0.7	-0.7	-0.9
Other Nondurables	2.62	2.61	2.60	2.59	2.58	2.57	2.56	2.55
% Ch, Annual Rate	-1.3	-1.5	-1.3	-1.3	-1.4	-1.5	-1.6	-1.7
Natural Resources and Mining	0.75	0.75	0.75	0.76	0.76	0.76	0.77	0.77
% Ch, Annual Rate	-0.2	2.2	2.4	1.9	1.7	1.7	2.5	1.9
Construction	7.72	7.76	7.80	7.84	7.88	7.91	7.95	7.99
% Ch, Annual Rate	2.2	2.2	2.1	2.0	2.0	1.9	1.8	1.8
Trade, Transportation, and Utilities	27.65	27.57	27.48	27.41	27.32	27.24	27.17	27.09
% Ch, Annual Rate	-0.5	-1.1	-1.2	-1.1	-1.3	-1.2	-1.1	-1.1
Wholesale Trade	6.00	5.99	5.98	5.98	5.98	5.98	5.98	5.98
% Ch, Annual Rate	0.0	-0.6	-0.4	-0.3	0.2	-0.1	0.0	0.0
Retail Trade	15.57	15.52	15.46	15.40	15.32	15.26	15.19	15.13
% Ch, Annual Rate	-0.6	-1.3	-1.6	-1.4	-2.0	-1.7	-1.7	-1.7
Trans., Warehousing, and Utilities	6.08	6.06	6.04	6.03	6.02	6.00	5.99	5.98
% Ch, Annual Rate	-0.8	-1.3	-1.1	-1.1	-0.7	-0.9	-0.8	-0.7
Information	2.82	2.81	2.81	2.81	2.82	2.84	2.86	2.88
% Ch, Annual Rate	-0.6	-1.4	-0.1	0.3	1.3	2.4	3.3	2.7
Publishing Industries	0.68	0.67	0.67	0.67	0.66	0.66	0.66	0.66
% Ch, Annual Rate	-3.1	-2.8	-2.4	-2.1	-1.5	-1.7	-1.5	-1.4
Other Information	2.14	2.14	2.14	2.14	2.16	2.18	2.20	2.22
% Ch, Annual Rate	0.2	-1.0	0.7	1.1	2.2	3.7	4.8	3.9
Financial Activities	8.76	8.75	8.75	8.75	8.75	8.73	8.72	8.72
% Ch, Annual Rate	-0.1	-0.3	-0.2	-0.1	-0.1	-0.6	-0.4	-0.2
Professional and Business Services	23.46	23.60	23.73	23.85	23.99	24.09	24.19	24.30
% Ch, Annual Rate	3.4	2.4	2.3	2.1	2.3	1.8	1.7	1.8
Education and Health Services	24.81	24.78	24.77	24.76	24.79	24.79	24.79	24.80
% Ch, Annual Rate	0.3	-0.4	-0.2	-0.1	0.3	0.0	0.1	0.1
Leisure and Hospitality	17.25	17.30	17.34	17.37	17.36	17.38	17.39	17.40
% Ch, Annual Rate	-0.1	1.2	1.0	0.7	-0.3	0.4	0.3	0.3
Other Services	5.85	5.83	5.82	5.80	5.79	5.78	5.77	5.76
% Ch, Annual Rate	-1.0	-1.2	-1.1	-1.2	-0.7	-0.9	-0.7	-0.6
Federal Government	2.87	2.87	2.87	2.87	2.87	2.87	2.87	2.87
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
State and Local Government	20.18	20.23	20.27	20.31	20.35	20.39	20.44	20.48
% 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	3,242.7	3,321.1	3,404.1	3,469.8	3,523.7	3,560.7	3,594.8	3,622.8
% Ch	3.1	2.4	2.5	1.9	1.6	1.1	1.0	0.8
Manufacturing	290.4	284.2	287.5	294.5	293.5	291.3	293.0	295.5
% Ch	-0.7	-2.1	1.2	2.4	-0.3	-0.8	0.6	0.9
Durable Manufacturing	207.7	200.3	202.1	207.6	207.0	205.9	207.5	209.9
% Ch	-1.7	-3.5	0.9	2.7	-0.3	-0.5	0.8	1.1
Wood Products	13.1	12.9	13.0	13.0	12.8	12.7	12.9	13.1
% Ch	-1.6	-1.7	0.9	0.4	-1.8	-0.9	2.0	1.2
Primary and Fabricated Metals	25.2	25.1	26.1	26.8	26.5	25.6	25.7	26.5
% Ch	-2.0	-0.6	4.0	2.8	-0.9	-3.6	0.5	2.9
Computer and Electronic Products	20.1	19.6	19.8	19.7	19.6	19.7	20.2	20.6
% Ch	0.7	-2.3	0.8	-0.7	-0.4	0.8	2.4	1.8
Machinery and Electrical Equipment	20.5	20.7	21.3	21.3	21.1	21.6	22.5	23.6
% Ch	-1.2	1.0	2.8	-0.1	-0.6	2.1	4.2	4.8
Aerospace	91.0	84.2	84.0	88.7	89.1	89.1	89.1	89.1
% Ch	-3.2	-7.5	-0.3	5.6	0.5	0.0	0.0	0.0
Other Transportation Equip.	10.2	10.2	9.9	9.9	9.5	9.1	8.9	8.7
% Ch	-0.9	0.1	-3.1	0.4	-3.6	-4.6	-2.4	-2.5
Other Durables	27.6	27.7	28.1	28.2	28.3	28.1	28.1	28.4
% Ch	1.2	0.2	1.6	0.4	0.2	-0.6	0.3	0.9
Nondurable Manufacturing	82.7	83.9	85.5	86.9	86.6	85.4	85.5	85.6
% Ch	2.0	1.4	1.9	1.7	-0.4	-1.4	0.1	0.1
Food Manufacturing	37.6	38.0	38.9	39.3	38.7	38.3	38.2	38.1
% Ch	1.9	1.3	2.3	1.0	-1.5	-1.2	-0.1	-0.4
Paper and Paper Products	7.8	7.7	7.6	7.6	7.5	7.1	6.9	6.8
% Ch	-3.4	-0.2	-1.8	-0.2	-1.3	-5.4	-2.7	-1.8
Other Nondurables	37.4	38.1	39.0	40.0	40.3	40.0	40.4	40.8
% Ch	3.4	1.9	2.2	2.8	0.7	-0.8	0.9	0.9
Natural Resources and Mining	6.3	6.2	6.3	6.0	5.9	5.8	5.7	5.7
% Ch	-0.8	-1.0	1.5	-5.3	-1.6	-2.0	-0.8	0.0
Construction	186.6	199.8	213.4	218.9	218.2	214.0	212.5	211.8
% Ch	7.7	7.0	6.8	2.6	-0.3	-1.9	-0.7	-0.3
Trade, Transportation, and Utilities	605.7	624.6	637.3	642.8	647.9	649.8	650.1	647.1
% Ch	3.1	3.1	2.0	0.9	0.8	0.3	0.0	-0.5
Wholesale Trade	132.1	133.3	136.4	137.9	138.7	139.6	139.7	139.9
% Ch	0.6	0.9	2.3	1.1	0.6	0.7	0.0	0.2
Retail Trade	365.2	378.7	386.2	389.5	393.7	394.9	396.0	393.4
% Ch	3.2	3.7	2.0	0.9	1.1	0.3	0.3	-0.7
Electronic Shopping and Mail-Order	38.2	49.7	54.8	61.0	63.3	65.6	67.6	69.3
% Ch	26.6	30.1	10.2	11.3	3.8	3.8	3.0	2.5
Other Retail Trade	327.0	329.0	331.4	328.6	330.4	329.3	328.4	324.1
% Ch	1.0	0.6	0.7	-0.9	0.6	-0.4	-0.3	-1.3
Trans., Warehousing, and Utilities	108.4	112.6	114.7	115.4	115.5	115.3	114.5	113.8
% Ch	6.0	3.8	1.9	0.6	0.1	-0.2	-0.7	-0.6
Information	121.4	126.3	133.6	144.3	149.3	150.4	150.1	152.8
% Ch	6.2	4.1	5.8	8.0	3.5	0.7	-0.2	1.8
Software Publishers	58.9	61.4	65.3	70.3	73.1	73.8	74.7	75.9
% Ch	5.3	4.2	6.4	7.6	4.0	1.0	1.2	1.5
Other Publishing Industries	5.9	5.5	5.1	4.6	3.9	3.3	2.8	2.4
% Ch	-4.0	-6.8	-7.7	-8.8	-15.7	-15.6	-15.9	-14.0
Other Information	56.5	59.4	63.2	69.3	72.3	73.3	72.6	74.6
% Ch	8.4	5.0	6.4	9.7	4.2	1.4	-0.9	2.7
Financial Activities	151.0	154.0	157.5	160.2	162.3	161.3	159.9	158.5
% Ch	2.1	2.0	2.3	1.7	1.3	-0.6	-0.9	-0.9
Professional and Business Services	401.5	413.4	426.1	436.3	449.5	469.2	485.1	496.9
% Ch	3.5	3.0	3.1	2.4	3.0	4.4	3.4	2.4
Education and Health Services	463.5	475.6	491.3	501.8	509.7	517.2	521.3	525.3
% Ch	3.4	2.6	3.3	2.1	1.6	1.5	0.8	0.8
Leisure and Hospitality	323.3	331.5	342.3	347.8	355.6	359.5	363.4	365.8
% Ch	4.2	2.6	3.3	1.6	2.3	1.1	1.1	0.7
Other Services	117.6	119.7	121.7	128.1	130.3	132.0	133.3	134.6
% Ch	2.3	1.8	1.7	5.3	1.7	1.3	1.0	0.9
Federal Government	74.5	74.8	74.7	75.9	80.0	78.4	78.8	79.0
% Ch	1.9	0.4	-0.2	1.6	5.3	-1.9	0.4	0.4
State and Local Government	501.0	511.0	512.3	513.2	521.5	531.8	541.6	549.7
% Ch	2.5	2.0	0.3	0.2	1.6	2.0	1.8	1.5

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	3,381.4	3,394.7	3,411.6	3,428.7	3,441.4	3,463.4	3,480.8	3,493.5
% Ch, Annual Rate	3.9	1.6	2.0	2.0	1.5	2.6	2.0	1.5
Manufacturing	284.4	286.0	288.4	291.3	293.2	293.8	296.0	295.0
% Ch, Annual Rate	2.7	2.3	3.3	4.1	2.6	0.8	3.0	-1.3
Durable Manufacturing	199.4	200.9	202.9	205.0	206.4	207.1	209.0	207.7
% Ch, Annual Rate	2.2	3.0	4.1	4.2	2.7	1.4	3.7	-2.4
Wood Products	13.0	13.0	12.9	13.0	13.1	13.1	13.0	13.0
% Ch, Annual Rate	2.2	0.1	-2.7	0.7	4.5	-1.1	-1.9	-0.9
Primary and Fabricated Metals	25.7	26.0	26.2	26.4	26.7	26.7	26.9	26.9
% Ch, Annual Rate	8.4	5.7	2.5	2.6	4.7	1.0	2.7	-1.0
Computer and Electronic Products	19.7	19.7	19.9	19.9	19.7	19.7	19.8	19.5
% Ch, Annual Rate	1.7	0.0	2.5	0.0	-3.9	-0.2	3.5	-6.1
Machinery and Electrical Equipment	21.0	21.2	21.4	21.5	21.6	21.3	21.2	21.0
% Ch, Annual Rate	-0.4	4.1	2.3	3.7	0.7	-5.3	-2.2	-2.9
Aerospace	82.3	83.0	84.6	86.0	87.2	88.4	90.0	89.1
% Ch, Annual Rate	2.3	3.6	8.0	7.0	5.5	5.9	7.2	-3.9
Other Transportation Equip.	9.8	9.8	9.9	10.0	9.9	9.8	9.9	10.0
% Ch, Annual Rate	-6.5	0.2	2.7	5.9	-5.8	-1.2	1.8	7.4
Other Durables	27.9	28.1	28.1	28.2	28.3	28.1	28.2	28.2
% Ch, Annual Rate	1.7	2.5	0.9	1.6	1.3	-3.6	1.7	0.4
Nondurable Manufacturing	85.0	85.1	85.4	86.3	86.8	86.7	87.0	87.3
% Ch, Annual Rate	4.0	0.6	1.4	4.1	2.3	-0.4	1.3	1.4
Food Manufacturing	38.8	38.7	38.8	39.3	39.6	39.4	39.2	39.0
% Ch, Annual Rate	7.9	-1.5	0.9	5.4	3.3	-1.9	-2.4	-1.9
Paper and Paper Products	7.6	7.6	7.6	7.6	7.6	7.6	7.5	7.6
% Ch, Annual Rate	-2.8	0.2	-1.9	-0.6	3.0	-0.3	-5.2	1.9
Other Nondurables	38.5	38.8	39.1	39.4	39.5	39.7	40.3	40.7
% Ch, Annual Rate	1.7	2.9	2.5	3.6	1.3	1.2	6.5	4.5
Natural Resources and Mining	6.3	6.3	6.3	6.3	6.2	6.0	5.9	5.8
% Ch, Annual Rate	4.6	0.6	-0.7	-3.8	-5.9	-7.3	-10.4	-5.6
Construction	209.8	212.1	213.9	217.6	215.7	219.1	219.5	221.4
% Ch, Annual Rate	11.8	4.6	3.5	7.0	-3.4	6.3	0.8	3.5
Trade, Transportation, and Utilities	636.3	636.2	638.0	638.5	641.1	642.7	642.9	644.6
% Ch, Annual Rate	3.6	-0.1	1.1	0.3	1.7	1.0	0.2	1.1
Wholesale Trade	135.5	136.2	136.7	137.1	137.5	138.1	137.9	138.2
% Ch, Annual Rate	4.6	2.1	1.5	1.3	0.9	2.0	-0.7	0.9
Retail Trade	386.3	385.3	386.6	386.7	388.9	389.0	389.0	391.2
% Ch, Annual Rate	4.0	-1.1	1.4	0.2	2.3	0.1	0.0	2.2
Electronic Shopping and Mail-Order	54.1	54.3	54.4	56.4	60.3	61.5	60.5	61.4
% Ch	3.7	1.8	0.8	15.2	31.3	8.0	-6.3	6.3
Other Retail Trade	332.2	330.9	332.1	330.3	328.6	327.5	328.5	329.7
% Ch	4.0	-1.5	1.5	-2.2	-2.1	-1.3	1.2	1.5
Trans., Warehousing, and Utilities	114.5	114.8	114.8	114.6	114.7	115.5	116.0	115.3
% Ch, Annual Rate	1.2	0.8	0.0	-0.6	0.5	2.6	1.8	-2.4
Information	129.9	132.5	135.0	137.0	140.9	142.8	145.6	147.9
% Ch, Annual Rate	5.7	8.2	8.0	6.1	11.8	5.4	8.1	6.4
Software Publishers	63.5	64.7	66.0	67.0	68.3	69.4	70.8	72.7
% Ch, Annual Rate	6.8	8.1	8.1	6.4	7.6	6.7	8.6	11.1
Other Publishing Industries	5.2	5.2	5.1	4.9	4.9	4.7	4.7	4.3
% Ch, Annual Rate	-8.0	-3.7	-7.6	-9.2	-6.7	-14.3	5.3	-30.8
Other Information	61.2	62.6	64.0	65.1	67.8	68.7	70.0	70.8
% Ch, Annual Rate	5.8	9.4	9.2	7.0	17.9	5.7	7.7	4.7
Financial Activities	156.9	157.6	157.9	157.6	158.5	159.5	160.9	161.8
% Ch, Annual Rate	4.5	1.9	0.7	-0.9	2.4	2.6	3.6	2.1
Professional and Business Services	421.8	423.9	427.9	430.8	430.8	435.2	438.3	440.8
% Ch, Annual Rate	5.3	2.0	3.8	2.7	0.1	4.1	2.8	2.3
Education and Health Services	486.8	489.4	492.7	496.4	497.6	501.6	503.7	504.4
% Ch, Annual Rate	3.9	2.1	2.7	3.0	1.0	3.2	1.7	0.5
Leisure and Hospitality	339.4	341.5	342.7	345.6	344.9	347.4	348.0	350.8
% Ch, Annual Rate	6.1	2.5	1.4	3.5	-0.9	3.0	0.7	3.2
Other Services	120.7	121.1	122.3	122.8	127.0	127.9	128.6	129.0
% Ch, Annual Rate	0.2	1.2	3.9	1.8	14.5	2.6	2.3	1.2
Federal Government	74.6	74.6	74.6	75.0	75.4	75.5	76.3	76.5
% Ch, Annual Rate	-1.1	-0.1	-0.3	2.4	2.0	0.7	4.2	1.1
State and Local Government	514.3	513.3	511.8	509.9	510.0	511.9	515.1	515.6
% Ch, Annual Rate	0.3	-0.8	-1.2	-1.5	0.1	1.5	2.5	0.4

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	3,503.8	3,523.6	3,529.7	3,537.6	3,547.0	3,556.0	3,564.9	3,575.0
% Ch, Annual Rate	1.2	2.3	0.7	0.9	1.1	1.0	1.0	1.1
Manufacturing	295.2	294.1	292.8	292.0	291.2	291.0	291.1	291.7
% Ch, Annual Rate	0.2	-1.4	-1.9	-1.0	-1.1	-0.3	0.1	0.8
Durable Manufacturing	207.8	207.3	206.5	206.2	205.7	205.7	205.8	206.3
% Ch, Annual Rate	0.1	-0.9	-1.5	-0.6	-1.0	0.0	0.2	1.0
Wood Products	12.8	12.9	12.8	12.7	12.7	12.7	12.7	12.7
% Ch, Annual Rate	-4.3	0.7	-3.0	-0.5	-1.8	0.1	-0.8	1.7
Primary and Fabricated Metals	26.9	26.8	26.4	26.1	25.8	25.6	25.5	25.5
% Ch, Annual Rate	1.1	-2.5	-5.6	-3.7	-4.8	-3.0	-2.0	0.3
Computer and Electronic Products	19.7	19.6	19.5	19.5	19.5	19.7	19.8	20.0
% Ch, Annual Rate	3.9	-2.1	-1.5	-0.6	0.5	2.5	3.3	3.4
Machinery and Electrical Equipment	21.2	21.2	21.1	21.2	21.3	21.5	21.7	21.9
% Ch, Annual Rate	3.2	-0.6	-1.9	2.7	1.9	3.6	3.5	4.6
Aerospace	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Transportation Equip.	9.8	9.6	9.5	9.3	9.2	9.1	9.1	9.1
% Ch, Annual Rate	-10.3	-8.1	-3.4	-5.7	-6.9	-3.2	-1.5	-0.4
Other Durables	28.3	28.3	28.2	28.2	28.1	28.1	28.0	28.0
% Ch, Annual Rate	0.6	0.4	-0.9	-0.3	-1.2	-0.8	-0.6	0.3
Nondurable Manufacturing	87.4	86.8	86.2	85.8	85.5	85.3	85.3	85.4
% Ch, Annual Rate	0.6	-2.7	-2.7	-2.0	-1.3	-0.9	-0.1	0.4
Food Manufacturing	39.0	38.8	38.6	38.4	38.3	38.2	38.2	38.2
% Ch, Annual Rate	0.5	-2.1	-2.4	-1.9	-0.7	-1.1	-0.3	0.4
Paper and Paper Products	7.7	7.6	7.4	7.3	7.2	7.1	7.0	7.0
% Ch, Annual Rate	7.5	-7.3	-7.4	-6.9	-5.9	-3.6	-3.2	-2.8
Other Nondurables	40.7	40.4	40.2	40.1	40.0	40.0	40.0	40.1
% Ch, Annual Rate	-0.6	-2.4	-2.0	-1.2	-1.0	-0.2	0.6	1.0
Natural Resources and Mining	5.9	5.9	5.9	5.8	5.8	5.8	5.7	5.7
% Ch, Annual Rate	5.0	3.1	-1.8	-3.3	-3.0	-1.9	-1.4	-1.5
Construction	219.7	218.8	217.6	216.5	215.3	214.1	213.4	213.2
% Ch, Annual Rate	-3.0	-1.7	-2.0	-2.0	-2.2	-2.2	-1.3	-0.4
Trade, Transportation, and Utilities	646.4	647.2	648.8	649.0	649.3	649.7	649.5	650.8
% Ch, Annual Rate	1.1	0.5	1.0	0.1	0.2	0.2	-0.1	0.8
Wholesale Trade	138.3	138.5	138.9	139.1	139.4	139.6	139.8	139.7
% Ch, Annual Rate	0.5	0.4	1.1	0.6	0.9	0.7	0.5	-0.4
Retail Trade	392.5	393.2	394.5	394.5	394.5	394.6	394.4	396.1
% Ch, Annual Rate	1.4	0.7	1.3	0.1	-0.1	0.1	-0.2	1.8
Electronic Shopping and Mail-Order	62.2	62.9	63.6	64.2	64.8	65.4	65.9	66.4
% Ch	5.1	4.7	4.3	4.0	3.7	3.5	3.3	3.1
Other Retail Trade	330.3	330.3	330.8	330.3	329.6	329.2	328.5	329.7
% Ch	0.7	0.0	0.7	-0.7	-0.8	-0.5	-0.9	1.5
Trans., Warehousing, and Utilities	115.6	115.5	115.5	115.4	115.5	115.4	115.3	115.0
% Ch, Annual Rate	1.0	-0.3	0.0	-0.3	0.1	-0.1	-0.3	-1.3
Information	148.4	149.3	149.7	150.0	150.6	150.7	150.6	149.9
% Ch, Annual Rate	1.5	2.3	1.1	0.8	1.7	0.2	-0.3	-1.8
Software Publishers	72.9	73.0	73.2	73.4	73.6	73.7	73.9	74.1
% Ch, Annual Rate	0.7	0.9	1.2	1.1	0.8	0.9	1.0	0.9
Other Publishing Industries	4.1	4.0	3.8	3.7	3.5	3.4	3.2	3.1
% Ch, Annual Rate	-15.6	-14.9	-12.8	-13.7	-17.0	-16.7	-16.3	-18.0
Other Information	71.4	72.3	72.6	72.8	73.5	73.6	73.4	72.7
% Ch, Annual Rate	3.4	4.9	1.8	1.2	3.7	0.4	-0.9	-3.7
Financial Activities	162.0	162.2	162.7	162.3	161.8	161.5	161.3	160.7
% Ch, Annual Rate	0.4	0.7	1.1	-1.0	-1.0	-0.9	-0.3	-1.5
Professional and Business Services	443.2	446.6	451.4	456.6	462.5	467.2	470.9	476.1
% Ch, Annual Rate	2.2	3.2	4.3	4.7	5.2	4.1	3.3	4.5
Education and Health Services	507.1	508.5	510.7	512.6	515.1	516.7	518.3	518.9
% Ch, Annual Rate	2.2	1.1	1.7	1.5	1.9	1.2	1.3	0.5
Leisure and Hospitality	352.3	354.9	357.2	358.2	357.7	358.8	360.3	361.3
% Ch, Annual Rate	1.7	3.0	2.6	1.1	-0.6	1.2	1.6	1.2
Other Services	129.6	130.1	130.5	130.9	131.4	131.8	132.2	132.5
% Ch, Annual Rate	1.9	1.4	1.4	1.2	1.4	1.3	1.2	1.0
Federal Government	76.4	85.7	79.6	78.2	78.3	78.4	78.5	78.6
% Ch, Annual Rate	-0.8	58.5	-25.6	-6.6	0.5	0.4	0.4	0.4
State and Local Government	517.7	520.2	522.8	525.4	528.0	530.5	533.1	535.6
% Ch, Annual Rate	1.7	1.9	2.0	2.0	2.0	2.0	1.9	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	3,584.1	3,591.4	3,598.4	3,605.4	3,612.7	3,619.5	3,626.2	3,632.7
% Ch, Annual Rate	1.0	0.8	0.8	0.8	0.8	0.8	0.7	0.7
Manufacturing	292.3	292.6	293.2	293.9	294.7	295.3	295.8	296.2
% Ch, Annual Rate	0.8	0.5	0.8	1.0	1.0	0.9	0.7	0.5
Durable Manufacturing	206.8	207.2	207.7	208.4	209.0	209.7	210.2	210.6
% Ch, Annual Rate	1.0	0.7	1.0	1.3	1.3	1.2	1.0	0.9
Wood Products	12.8	12.9	13.0	13.1	13.1	13.1	13.1	13.1
% Ch, Annual Rate	2.8	2.7	3.0	2.7	1.1	0.2	-0.7	-0.5
Primary and Fabricated Metals	25.6	25.6	25.8	26.0	26.2	26.4	26.6	26.7
% Ch, Annual Rate	1.2	1.2	1.9	2.9	3.4	3.5	2.7	2.3
Computer and Electronic Products	20.1	20.2	20.2	20.3	20.4	20.5	20.7	20.7
% Ch, Annual Rate	2.9	0.9	1.2	1.8	2.2	2.1	2.0	1.6
Machinery and Electrical Equipment	22.1	22.4	22.6	22.9	23.2	23.5	23.7	23.9
% Ch, Annual Rate	4.0	4.2	4.8	5.0	5.4	5.0	4.2	3.8
Aerospace	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Transportation Equip.	9.0	8.9	8.8	8.8	8.7	8.7	8.6	8.6
% Ch, Annual Rate	-2.3	-4.5	-2.7	-2.0	-2.3	-2.5	-2.6	-2.5
Other Durables	28.1	28.1	28.2	28.2	28.3	28.4	28.4	28.5
% Ch, Annual Rate	0.5	0.4	0.7	0.9	1.0	1.1	0.9	0.9
Nondurable Manufacturing	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6
% Ch, Annual Rate	0.3	0.1	0.2	0.3	0.2	0.1	-0.1	-0.2
Food Manufacturing	38.3	38.2	38.2	38.2	38.2	38.1	38.1	38.0
% Ch, Annual Rate	0.2	-0.3	-0.3	-0.1	-0.2	-0.5	-0.6	-0.8
Paper and Paper Products	6.9	6.9	6.9	6.8	6.8	6.8	6.7	6.7
% Ch, Annual Rate	-2.7	-2.7	-2.2	-1.7	-1.5	-1.7	-1.8	-1.9
Other Nondurables	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9
% Ch, Annual Rate	1.0	0.9	1.0	1.1	1.0	0.9	0.8	0.7
Natural Resources and Mining	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
% Ch, Annual Rate	-0.4	-0.3	-0.2	-0.2	0.3	0.1	0.1	0.3
Construction	212.8	212.7	212.4	212.0	211.9	211.8	211.7	211.7
% Ch, Annual Rate	-0.8	-0.1	-0.7	-0.7	-0.2	-0.2	-0.2	-0.1
Trade, Transportation, and Utilities	651.1	650.5	649.8	649.2	648.3	647.5	646.8	646.0
% Ch, Annual Rate	0.2	-0.3	-0.5	-0.4	-0.5	-0.5	-0.4	-0.5
Wholesale Trade	139.7	139.7	139.7	139.7	139.8	139.9	140.0	140.1
% Ch, Annual Rate	0.2	-0.1	-0.1	0.0	0.5	0.2	0.3	0.3
Retail Trade	396.5	396.3	395.8	395.4	394.4	393.8	393.1	392.3
% Ch, Annual Rate	0.4	-0.2	-0.5	-0.4	-1.0	-0.7	-0.7	-0.8
Electronic Shopping and Mail-Order	66.9	67.4	67.8	68.3	68.7	69.1	69.5	69.9
% Ch	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3
Other Retail Trade	329.6	328.9	327.9	327.1	325.8	324.7	323.6	322.4
% Ch	-0.1	-0.8	-1.2	-1.0	-1.7	-1.3	-1.3	-1.4
Trans., Warehousing, and Utilities	114.8	114.6	114.3	114.1	114.0	113.9	113.7	113.6
% Ch, Annual Rate	-0.6	-0.9	-0.8	-0.7	-0.4	-0.5	-0.5	-0.5
Information	150.0	149.9	150.1	150.5	151.2	152.2	153.4	154.5
% Ch, Annual Rate	0.3	-0.3	0.7	1.0	1.8	2.6	3.4	2.9
Software Publishers	74.3	74.6	74.8	75.1	75.4	75.7	76.0	76.3
% Ch, Annual Rate	1.3	1.3	1.4	1.5	1.6	1.6	1.6	1.6
Other Publishing Industries	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.3
% Ch, Annual Rate	-15.3	-15.1	-14.5	-14.2	-13.1	-14.1	-13.9	-14.0
Other Information	72.7	72.5	72.6	72.8	73.2	74.0	75.1	76.0
% Ch, Annual Rate	0.0	-1.3	0.6	1.1	2.5	4.4	5.8	4.8
Financial Activities	160.4	160.1	159.7	159.4	159.2	158.7	158.3	157.9
% Ch, Annual Rate	-0.7	-0.9	-0.9	-0.8	-0.6	-1.2	-1.0	-0.8
Professional and Business Services	480.3	483.6	486.8	489.7	492.9	495.6	498.2	500.8
% Ch, Annual Rate	3.6	2.8	2.7	2.5	2.6	2.2	2.1	2.1
Education and Health Services	520.3	520.9	521.7	522.5	523.8	524.8	525.8	526.8
% Ch, Annual Rate	1.1	0.5	0.6	0.7	1.0	0.7	0.8	0.8
Leisure and Hospitality	361.7	363.0	364.0	364.9	365.0	365.6	366.1	366.6
% Ch, Annual Rate	0.4	1.4	1.2	0.9	0.1	0.7	0.6	0.5
Other Services	132.9	133.2	133.5	133.8	134.1	134.4	134.7	135.0
% Ch, Annual Rate	1.1	1.0	1.0	0.9	1.0	0.9	0.9	0.9
Federal Government	78.7	78.7	78.8	78.9	78.9	79.0	79.1	79.1
% Ch, Annual Rate	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
State and Local Government	538.1	540.5	542.7	544.9	547.0	548.9	550.6	552.3
% Ch, Annual Rate	1.9	1.8	1.7	1.6	1.6	1.4	1.2	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	16,121.2	16,878.8	17,819.2	18,668.8	19,364.4	20,122.8	21,008.1	21,955.3
% Ch	2.6	4.7	5.6	4.8	3.7	3.9	4.4	4.5
Total Wage and Salary Disbursements	8,083.5	8,462.1	8,888.5	9,362.2	9,756.0	10,155.8	10,627.9	11,133.5
% Ch	2.9	4.7	5.0	5.3	4.2	4.1	4.6	4.8
Nonwage Personal Income	8,037.7	8,416.7	8,930.7	9,306.6	9,608.4	9,967.0	10,380.2	10,821.9
% Ch	2.2	4.7	6.1	4.2	3.2	3.7	4.1	4.3
Supplements to Wages and Salaries	1,876.8	1,949.5	2,040.0	2,127.5	2,214.6	2,306.6	2,409.7	2,510.6
% Ch	1.9	3.9	4.6	4.3	4.1	4.2	4.5	4.2
Proprietor's Income	1,423.7	1,518.2	1,588.8	1,655.5	1,672.5	1,695.4	1,731.7	1,742.0
% Ch	0.1	6.6	4.6	4.2	1.0	1.4	2.1	0.6
Farm	35.6	38.1	27.2	30.5	15.5	28.3	71.2	70.3
% Ch	...	...	...	...	...	...	...	...
Nonfarm	1,388.1	1,480.1	1,561.6	1,625.0	1,657.0	1,667.1	1,660.4	1,671.7
% Ch	1.6	6.6	5.5	4.1	2.0	0.6	-0.4	0.7
Less: Contribution For Govt. Soc. Ins.	1,239.9	1,299.6	1,356.5	1,429.3	1,484.7	1,537.4	1,603.6	1,676.1
% Ch	2.9	4.8	4.4	5.4	3.9	3.5	4.3	4.5
Dividends/Int./Rent	3,202.8	3,400.4	3,686.9	3,778.8	3,872.3	4,000.8	4,175.7	4,391.7
% Ch	2.7	6.2	8.4	2.5	2.5	3.3	4.4	5.2
Transfer Payments	2,774.2	2,848.1	2,971.5	3,174.1	3,333.6	3,501.6	3,666.7	3,853.7
% Ch	3.4	2.7	4.3	6.8	5.0	5.0	4.7	5.1

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	17,540.3	17,725.0	17,928.5	18,082.8	18,355.4	18,599.6	18,772.4	18,947.7
% Ch, Annual Rate	7.4	4.3	4.7	3.5	6.2	5.4	3.8	3.8
Total Wage and Salary Disbursements	8,776.7	8,845.0	8,942.2	8,990.0	9,211.5	9,320.3	9,411.2	9,505.7
% Ch, Annual Rate	6.4	3.2	4.5	2.2	10.2	4.8	4.0	4.1
Nonwage Personal Income	8,763.7	8,879.9	8,986.3	9,092.8	9,143.9	9,279.3	9,361.3	9,442.0
% Ch, Annual Rate	8.4	5.4	4.9	4.8	2.3	6.1	3.6	3.5
Supplements to Wages and Salaries	2,009.4	2,031.1	2,052.0	2,067.4	2,095.1	2,116.5	2,138.4	2,159.9
% Ch, Annual Rate	4.8	4.4	4.2	3.0	5.5	4.2	4.2	4.1
Proprietor's Income	1,567.5	1,573.3	1,590.0	1,624.4	1,621.2	1,632.9	1,680.6	1,687.4
% Ch, Annual Rate	6.5	1.5	4.3	8.9	-0.8	2.9	12.2	1.6
Farm	28.1	27.5	17.4	35.9	24.8	19.2	41.4	36.5
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,539.4	1,545.8	1,572.6	1,588.4	1,596.3	1,613.7	1,639.2	1,650.9
% Ch, Annual Rate	7.7	1.7	7.1	4.1	2.0	4.4	6.5	2.9
Less: Contribution For Govt. Soc. Ins.	1,344.0	1,350.9	1,362.4	1,368.7	1,407.6	1,422.5	1,434.8	1,452.5
% Ch, Annual Rate	6.9	2.1	3.5	1.9	11.9	4.3	3.5	5.0
Dividends/Int./Rent	3,595.4	3,663.3	3,722.9	3,766.1	3,722.2	3,793.7	3,782.2	3,817.1
% Ch, Annual Rate	10.9	7.8	6.7	4.7	-4.6	7.9	-1.2	3.7
Transfer Payments	2,935.4	2,963.1	2,983.8	3,003.7	3,113.1	3,158.6	3,194.9	3,230.0
% Ch, Annual Rate	8.1	3.8	2.8	2.7	15.4	6.0	4.7	4.5

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	19,132.3	19,283.7	19,437.3	19,604.2	19,815.4	20,016.3	20,219.1	20,440.4
% Ch, Annual Rate	4.0	3.2	3.2	3.5	4.4	4.1	4.1	4.5
Total Wage and Salary Disbursements	9,598.2	9,717.4	9,809.3	9,899.0	9,995.8	10,097.6	10,204.0	10,325.6
% Ch, Annual Rate	3.9	5.1	3.8	3.7	4.0	4.1	4.3	4.9
Nonwage Personal Income	9,534.1	9,566.2	9,628.0	9,705.2	9,819.6	9,918.7	10,015.1	10,114.8
% Ch, Annual Rate	4.0	1.4	2.6	3.2	4.8	4.1	3.9	4.0
Supplements to Wages and Salaries	2,179.7	2,205.7	2,226.2	2,246.9	2,271.8	2,294.4	2,317.6	2,342.6
% Ch, Annual Rate	3.7	4.9	3.8	3.8	4.5	4.0	4.1	4.4
Proprietor's Income	1,686.1	1,664.6	1,666.6	1,672.8	1,682.6	1,691.3	1,697.9	1,709.7
% Ch, Annual Rate	-0.3	-5.0	0.5	1.5	2.4	2.1	1.6	2.8
Farm	22.2	15.2	12.4	12.0	15.0	21.5	31.8	44.9
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,663.9	1,649.3	1,654.1	1,660.8	1,667.6	1,669.7	1,666.1	1,664.8
% Ch, Annual Rate	3.2	-3.4	1.2	1.6	1.6	0.5	-0.9	-0.3
Less: Contribution For Govt. Soc. Ins.	1,467.6	1,480.6	1,490.4	1,500.2	1,518.1	1,530.2	1,543.0	1,558.2
% Ch, Annual Rate	4.2	3.6	2.7	2.6	4.9	3.2	3.4	4.0
Dividends/Int./Rent	3,854.0	3,861.4	3,875.2	3,898.6	3,936.0	3,980.0	4,022.9	4,064.2
% Ch, Annual Rate	3.9	0.8	1.4	2.4	3.9	4.5	4.4	4.2
Transfer Payments	3,281.9	3,315.1	3,350.5	3,387.0	3,447.2	3,483.1	3,519.7	3,556.5
% Ch, Annual Rate	6.6	4.1	4.3	4.4	7.3	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	20,677.9	20,896.8	21,117.6	21,340.2	21,595.2	21,831.7	22,073.2	22,321.3
% Ch, Annual Rate	4.7	4.3	4.3	4.3	4.9	4.5	4.5	4.6
Total Wage and Salary Disbursements	10,448.8	10,566.3	10,686.9	10,809.7	10,937.8	11,067.0	11,197.9	11,331.1
% Ch, Annual Rate	4.9	4.6	4.6	4.7	4.8	4.8	4.8	4.8
Nonwage Personal Income	10,229.2	10,330.5	10,430.7	10,530.5	10,657.3	10,764.7	10,875.3	10,990.2
% Ch, Annual Rate	4.6	4.0	3.9	3.9	4.9	4.1	4.2	4.3
Supplements to Wages and Salaries	2,372.2	2,397.7	2,422.4	2,446.6	2,474.1	2,498.1	2,522.5	2,547.5
% Ch, Annual Rate	5.1	4.4	4.2	4.0	4.6	3.9	4.0	4.0
Proprietor's Income	1,718.5	1,729.7	1,737.1	1,741.3	1,741.4	1,741.3	1,741.8	1,743.4
% Ch, Annual Rate	2.1	2.6	1.7	1.0	0.0	0.0	0.1	0.4
Farm	58.0	69.8	77.4	79.8	77.8	73.2	67.7	62.5
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,660.5	1,659.9	1,659.7	1,661.5	1,663.6	1,668.1	1,674.1	1,680.9
% Ch, Annual Rate	-1.0	-0.1	-0.1	0.4	0.5	1.1	1.5	1.6
Less: Contribution For Govt. Soc. Ins.	1,580.9	1,595.7	1,611.0	1,626.7	1,650.7	1,667.4	1,684.5	1,701.8
% Ch, Annual Rate	6.0	3.8	3.9	3.9	6.0	4.1	4.1	4.2
Dividends/Int./Rent	4,105.0	4,149.5	4,198.2	4,250.0	4,303.1	4,360.5	4,420.4	4,482.8
% Ch, Annual Rate	4.1	4.4	4.8	5.0	5.1	5.5	5.6	5.8
Transfer Payments	3,614.3	3,649.2	3,684.0	3,719.3	3,789.5	3,832.1	3,875.1	3,918.3
% Ch, Annual Rate	6.7	3.9	3.9	3.9	7.8	4.6	4.6	4.5

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	407.654	434.759	467.399	491.266	510.401	532.457	557.592	585.742
% Ch	5.7	6.6	7.5	5.1	3.9	4.3	4.7	5.0
Total Wage and Salary Disbursements	203.354	218.086	237.156	250.213	261.092	272.770	285.913	300.806
% Ch	6.1	7.2	8.7	5.5	4.3	4.5	4.8	5.2
Manufacturing	21.729	21.680	22.833	23.606	23.748	24.540	25.667	26.976
% Ch	-0.3	-0.2	5.3	3.4	0.6	3.3	4.6	5.1
Durable Manufacturing	17.316	17.077	17.976	18.546	18.554	19.240	20.144	21.205
% Ch	-1.6	-1.4	5.3	3.2	0.0	3.7	4.7	5.3
Nondurable Manufacturing	4.413	4.603	4.857	5.060	5.194	5.300	5.523	5.771
% Ch	4.8	4.3	5.5	4.2	2.7	2.0	4.2	4.5
Nonmanufacturing	174.627	189.499	207.226	219.298	229.720	240.281	251.966	265.198
% Ch	7.1	8.5	9.4	5.8	4.8	4.6	4.9	5.3
Other Private Wages	1.193	1.240	1.339	1.321	1.375	1.434	1.499	1.569
% Ch	4.1	4.0	8.0	-1.4	4.1	4.2	4.5	4.7
Farm Wages	1.700	1.481	1.490	1.572	1.664	1.768	1.883	2.009
% Ch	11.5	-12.9	0.6	5.5	5.9	6.2	6.5	6.7
Military Wages	4.104	4.185	4.269	4.414	4.584	4.747	4.898	5.053
% Ch	0.3	2.0	2.0	3.4	3.9	3.5	3.2	3.2
Nonwage Personal Income	204.300	216.673	230.243	241.053	249.309	259.687	271.679	284.935
% Ch	5.3	6.1	6.3	4.7	3.4	4.2	4.6	4.9
Supplements to Wages and Salaries	46.406	49.532	52.360	55.526	57.997	60.546	63.342	66.255
% Ch	5.7	6.7	5.7	6.0	4.5	4.4	4.6	4.6
Proprietor's Income	32.473	35.351	36.045	37.593	37.152	37.375	37.919	38.148
% Ch	0.1	8.9	2.0	4.3	-1.2	0.6	1.5	0.6
Farm	1.998	2.408	1.902	2.110	0.928	0.954	1.671	1.655
% Ch	...	...	...	...	...	...	...	...
Nonfarm	30.475	32.943	34.143	35.483	36.224	36.420	36.248	36.493
% Ch	3.4	8.1	3.6	3.9	2.1	0.5	-0.5	0.7
Less: Contribution For Govt. Soc. Ins.	33.582	36.151	38.088	40.630	42.300	43.825	45.670	47.816
% Ch	4.7	7.7	5.4	6.7	4.1	3.6	4.2	4.7
Plus: Residence Adjustment	4.188	4.235	4.324	4.501	4.727	4.960	5.237	5.533
% Ch	7.7	1.1	2.1	4.1	5.0	4.9	5.6	5.7
Dividends/Int./Rent	93.964	100.977	109.752	113.046	116.734	121.345	127.339	134.567
% Ch	5.9	7.5	8.7	3.0	3.3	4.0	4.9	5.7
Transfer Payments	60.851	62.730	65.849	71.017	74.999	79.285	83.512	88.248
% Ch	6.5	3.1	5.0	7.8	5.6	5.7	5.3	5.7
State U.I. Benefits	0.982	0.999	0.978	0.995	1.021	1.276	1.528	1.795
% Ch	1.1	1.8	-2.2	1.7	2.6	24.9	19.7	17.5
Other Transfers	59.869	61.730	64.871	70.022	73.978	78.009	81.985	86.453
% Ch	6.6	3.1	5.1	7.9	5.6	5.4	5.1	5.5

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	458.641	463.830	471.677	475.449	483.372	489.323	493.720	498.649
% Ch, Annual Rate	11.3	4.6	6.9	3.2	6.8	5.0	3.6	4.1
Total Wage and Salary Disbursements	232.967	235.011	239.959	240.689	247.118	248.687	251.237	253.808
% Ch, Annual Rate	15.5	3.6	8.7	1.2	11.1	2.6	4.2	4.2
Manufacturing	23.267	22.353	22.587	23.122	24.095	23.401	23.440	23.489
% Ch, Annual Rate	26.5	-14.8	4.3	9.8	17.9	-11.0	0.7	0.8
Durable Manufacturing	18.430	17.563	17.725	18.184	19.101	18.369	18.358	18.356
% Ch, Annual Rate	29.4	-17.5	3.7	10.8	21.7	-14.5	-0.3	0.0
Nondurable Manufacturing	4.837	4.790	4.862	4.938	4.994	5.032	5.082	5.133
% Ch, Annual Rate	16.3	-3.8	6.2	6.4	4.7	3.0	4.1	4.1
Nonmanufacturing	202.677	205.589	210.217	210.420	215.822	218.013	220.446	222.912
% Ch, Annual Rate	14.9	5.9	9.3	0.4	10.7	4.1	4.5	4.5
Other Private Wages	1.324	1.367	1.346	1.321	1.297	1.319	1.329	1.340
% Ch, Annual Rate	5.3	13.5	-5.8	-7.3	-7.1	7.0	3.0	3.5
Farm Wages	1.475	1.479	1.491	1.514	1.543	1.563	1.581	1.602
% Ch, Annual Rate	0.8	1.0	3.5	6.2	7.8	5.3	4.8	5.4
Military Wages	4.224	4.224	4.317	4.312	4.361	4.391	4.441	4.465
% Ch, Annual Rate	-0.3	0.1	9.1	-0.5	4.7	2.8	4.6	2.2
Nonwage Personal Income	225.674	228.819	231.718	234.759	236.254	240.636	242.484	244.840
% Ch, Annual Rate	7.2	5.7	5.2	5.4	2.6	7.6	3.1	3.9
Supplements to Wages and Salaries	51.644	51.997	52.727	53.075	54.491	55.241	55.894	56.478
% Ch, Annual Rate	7.7	2.8	5.7	2.7	11.1	5.6	4.8	4.2
Proprietor's Income	35.562	35.768	36.193	36.659	36.861	37.258	38.082	38.171
% Ch, Annual Rate	-0.8	2.3	4.8	5.3	2.2	4.4	9.1	0.9
Farm	1.918	1.987	1.779	1.925	2.035	2.077	2.280	2.048
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	33.644	33.781	34.414	34.734	34.826	35.182	35.802	36.124
% Ch, Annual Rate	2.4	1.6	7.7	3.8	1.1	4.1	7.2	3.6
Less: Contribution For Govt. Soc. Ins.	37.868	37.831	38.288	38.366	39.861	40.439	40.855	41.367
% Ch, Annual Rate	10.5	-0.4	4.9	0.8	16.5	5.9	4.2	5.1
Plus: Residence Adjustment	4.264	4.301	4.326	4.405	4.429	4.471	4.525	4.580
% Ch, Annual Rate	-5.0	3.5	2.3	7.5	2.2	3.9	4.9	5.0
Dividends/Int./Rent	106.900	108.996	110.916	112.196	110.803	113.470	113.329	114.583
% Ch, Annual Rate	11.0	8.1	7.2	4.7	-4.9	10.0	-0.5	4.5
Transfer Payments	65.172	65.587	65.844	66.791	69.531	70.634	71.509	72.395
% Ch, Annual Rate	8.1	2.6	1.6	5.9	17.4	6.5	5.0	5.0
State U.I. Benefits	1.024	0.968	0.961	0.958	0.990	0.994	0.998	0.998
% Ch, Annual Rate	3.7	-19.9	-3.0	-1.1	13.8	1.6	1.8	0.0
Other Transfers	64.148	64.619	64.883	65.833	68.541	69.640	70.511	71.397
% Ch, Annual Rate	8.1	3.0	1.6	6.0	17.5	6.6	5.1	5.1

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	503.053	508.313	512.653	517.587	523.751	529.491	535.249	541.337
% Ch, Annual Rate	3.6	4.2	3.5	3.9	4.8	4.5	4.4	4.6
Total Wage and Salary Disbursements	255.953	260.213	262.765	265.437	268.380	271.212	274.140	277.348
% Ch, Annual Rate	3.4	6.8	4.0	4.1	4.5	4.3	4.4	4.8
Manufacturing	23.191	23.822	23.918	24.062	24.208	24.403	24.631	24.918
% Ch, Annual Rate	-5.0	11.3	1.6	2.4	2.4	3.3	3.8	4.7
Durable Manufacturing	18.012	18.631	18.722	18.850	18.970	19.132	19.314	19.542
% Ch, Annual Rate	-7.3	14.5	2.0	2.8	2.6	3.5	3.9	4.8
Nondurable Manufacturing	5.179	5.191	5.197	5.212	5.238	5.271	5.317	5.376
% Ch, Annual Rate	3.6	1.0	0.4	1.2	2.0	2.6	3.5	4.5
Nonmanufacturing	225.291	228.786	231.167	233.634	236.334	238.897	241.520	244.373
% Ch, Annual Rate	4.3	6.4	4.2	4.3	4.7	4.4	4.5	4.8
Other Private Wages	1.349	1.372	1.384	1.397	1.412	1.426	1.441	1.457
% Ch, Annual Rate	2.8	6.8	3.6	3.8	4.3	4.1	4.2	4.5
Farm Wages	1.620	1.657	1.679	1.703	1.729	1.754	1.780	1.809
% Ch, Annual Rate	4.5	9.4	5.5	5.8	6.3	6.0	6.1	6.5
Military Wages	4.502	4.577	4.617	4.642	4.697	4.731	4.767	4.791
% Ch, Annual Rate	3.4	6.8	3.6	2.2	4.9	2.9	3.1	2.0
Nonwage Personal Income	247.099	248.100	249.888	252.150	255.371	258.279	261.109	263.989
% Ch, Annual Rate	3.7	1.6	2.9	3.7	5.2	4.6	4.5	4.5
Supplements to Wages and Salaries	56.950	57.796	58.335	58.907	59.625	60.226	60.842	61.491
% Ch, Annual Rate	3.4	6.1	3.8	4.0	5.0	4.1	4.2	4.3
Proprietor's Income	37.671	36.992	36.929	37.016	37.188	37.324	37.403	37.584
% Ch, Annual Rate	-5.1	-7.0	-0.7	0.9	1.9	1.5	0.9	2.0
Farm	1.291	0.933	0.774	0.715	0.741	0.840	1.009	1.227
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	36.380	36.059	36.155	36.302	36.447	36.483	36.394	36.357
% Ch, Annual Rate	2.9	-3.5	1.1	1.6	1.6	0.4	-1.0	-0.4
Less: Contribution For Govt. Soc. Ins.	41.713	42.227	42.487	42.772	43.307	43.634	43.979	44.378
% Ch, Annual Rate	3.4	5.0	2.5	2.7	5.1	3.1	3.2	3.7
Plus: Residence Adjustment	4.634	4.704	4.758	4.810	4.867	4.926	4.989	5.060
% Ch, Annual Rate	4.8	6.1	4.7	4.5	4.8	5.0	5.2	5.8
Dividends/Int./Rent	115.894	116.314	116.918	117.811	119.121	120.628	122.102	123.530
% Ch, Annual Rate	4.7	1.5	2.1	3.1	4.5	5.2	5.0	4.8
Transfer Payments	73.662	74.521	75.436	76.378	77.878	78.810	79.753	80.701
% Ch, Annual Rate	7.2	4.7	5.0	5.1	8.1	4.9	4.9	4.8
State U.I. Benefits	0.992	0.971	1.026	1.096	1.169	1.238	1.315	1.382
% Ch, Annual Rate	-2.4	-8.2	24.6	30.2	29.5	25.7	27.4	21.8
Other Transfers	72.670	73.550	74.410	75.282	76.709	77.572	78.438	79.320
% Ch, Annual Rate	7.3	4.9	4.8	4.8	7.8	4.6	4.5	4.6

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	548.010	554.298	560.741	567.317	574.852	582.000	589.321	596.792
% Ch, Annual Rate	5.0	4.7	4.7	4.8	5.4	5.1	5.1	5.2
Total Wage and Salary Disbursements	280.803	284.133	287.588	291.126	294.961	298.814	302.743	306.706
% Ch, Annual Rate	5.1	4.8	5.0	5.0	5.4	5.3	5.4	5.3
Manufacturing	25.216	25.505	25.812	26.136	26.474	26.813	27.144	27.474
% Ch, Annual Rate	4.9	4.7	4.9	5.1	5.3	5.2	5.0	5.0
Durable Manufacturing	19.780	20.012	20.260	20.522	20.796	21.072	21.341	21.611
% Ch, Annual Rate	5.0	4.8	5.0	5.3	5.5	5.4	5.2	5.2
Nondurable Manufacturing	5.435	5.492	5.552	5.614	5.678	5.741	5.803	5.863
% Ch, Annual Rate	4.5	4.3	4.4	4.6	4.6	4.5	4.4	4.2
Nonmanufacturing	247.426	250.389	253.452	256.595	259.984	263.413	266.921	270.475
% Ch, Annual Rate	5.1	4.9	5.0	5.1	5.4	5.4	5.4	5.4
Other Private Wages	1.474	1.490	1.507	1.523	1.542	1.560	1.579	1.597
% Ch, Annual Rate	4.8	4.5	4.5	4.5	4.9	4.8	4.8	4.8
Farm Wages	1.839	1.868	1.897	1.927	1.960	1.992	2.025	2.058
% Ch, Annual Rate	6.9	6.4	6.5	6.5	6.9	6.8	6.8	6.7
Military Wages	4.848	4.882	4.920	4.944	5.001	5.036	5.075	5.100
% Ch, Annual Rate	4.8	2.9	3.1	2.0	4.7	2.8	3.1	2.0
Nonwage Personal Income	267.207	270.165	273.153	276.191	279.891	283.186	286.578	290.087
% Ch, Annual Rate	5.0	4.5	4.5	4.5	5.5	4.8	4.9	5.0
Supplements to Wages and Salaries	62.308	63.002	63.689	64.367	65.185	65.889	66.608	67.338
% Ch, Annual Rate	5.4	4.5	4.4	4.3	5.2	4.4	4.4	4.5
Proprietor's Income	37.702	37.887	38.005	38.084	38.095	38.118	38.158	38.220
% Ch, Annual Rate	1.3	2.0	1.3	0.8	0.1	0.2	0.4	0.7
Farm	1.448	1.647	1.775	1.816	1.782	1.704	1.611	1.523
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	36.253	36.240	36.231	36.268	36.313	36.414	36.548	36.697
% Ch, Annual Rate	-1.1	-0.1	-0.1	0.4	0.5	1.1	1.5	1.6
Less: Contribution For Govt. Soc. Ins.	45.024	45.442	45.881	46.333	47.051	47.554	48.070	48.590
% Ch, Annual Rate	6.0	3.8	3.9	4.0	6.3	4.3	4.4	4.4
Plus: Residence Adjustment	5.132	5.201	5.271	5.343	5.418	5.494	5.571	5.649
% Ch, Annual Rate	5.8	5.5	5.5	5.6	5.7	5.7	5.7	5.7
Dividends/Int./Rent	124.940	126.462	128.107	129.847	131.626	133.539	135.522	137.583
% Ch, Annual Rate	4.6	5.0	5.3	5.5	5.6	5.9	6.1	6.2
Transfer Payments	82.150	83.055	83.962	84.882	86.617	87.700	88.789	89.887
% Ch, Annual Rate	7.4	4.5	4.4	4.5	8.4	5.1	5.1	5.0
State U.I. Benefits	1.444	1.493	1.553	1.621	1.687	1.761	1.831	1.901
% Ch, Annual Rate	19.3	14.2	17.0	18.9	17.3	18.8	16.7	16.2
Other Transfers	80.706	81.563	82.409	83.260	84.930	85.939	86.959	87.986
% Ch, Annual Rate	7.2	4.3	4.2	4.2	8.3	4.8	4.8	4.8