



ECONOMIC FORECAST

Calendar Year Summary Tables

Final
September 12, 2019

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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	19,067.9	19,407.1	19,737.0	20,112.0	20,514.3
% Ch	1.6	2.4	2.9	2.3	1.8	1.7	1.9	2.0
Real Consumption	12,247.5	12,566.9	12,944.5	13,276.1	13,566.2	13,823.9	14,100.4	14,382.4
% Ch	2.7	2.6	3.0	2.6	2.2	1.9	2.0	2.0
Real Nonresidential Fixed Investment	2,425.3	2,531.2	2,692.3	2,771.1	2,847.6	2,941.8	3,061.2	3,213.0
% Ch	0.7	4.4	6.4	2.9	2.8	3.3	4.1	5.0
Real Residential Fixed Investment	591.2	611.9	602.9	591.8	589.3	581.3	588.2	594.4
% Ch	6.5	3.5	-1.5	-1.8	-0.4	-1.4	1.2	1.1
Real Personal Income	15,487.3	15,933.3	16,476.8	17,026.1	17,403.0	17,765.2	18,165.0	18,627.9
% Ch	1.5	2.9	3.4	3.3	2.2	2.1	2.3	2.5
Real Per Capita Income (\$/Person)	47,860	48,925	50,277	51,586	52,355	53,072	53,892	54,891
% Ch	0.8	2.2	2.8	2.6	1.5	1.4	1.5	1.9
Price and Wage Indexes								
PCE Price Index (2012=100)	104.1	105.9	108.1	109.7	112.0	114.3	116.6	118.8
% Ch	1.0	1.8	2.1	1.5	2.1	2.0	2.0	1.9
U.S. Consumer Price Index (1982-84=1.0)	2.400	2.451	2.511	2.556	2.612	2.668	2.727	2.785
% Ch	1.3	2.1	2.4	1.8	2.2	2.2	2.2	2.2
Employment Cost Index (Dec. 2005=1.0)	1.263	1.295	1.334	1.374	1.419	1.469	1.523	1.581
% Ch	2.4	2.6	3.0	3.0	3.3	3.5	3.7	3.8
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	18,715.0	19,519.4	20,580.2	21,458.6	22,398.0	23,337.0	24,339.6	25,396.5
% Ch	2.7	4.3	5.4	4.3	4.4	4.2	4.3	4.3
Personal Income	16,121.2	16,878.8	17,819.2	18,682.8	19,498.4	20,308.5	21,174.7	22,132.5
% Ch	2.6	4.7	5.6	4.8	4.4	4.2	4.3	4.5
Employment (Millions)								
U.S. Civilian Labor Force	159.2	160.3	162.1	163.2	164.9	166.2	167.3	168.2
Total U.S. Employment	151.4	153.3	155.8	157.2	158.9	159.9	160.7	161.3
Unemployment Rate (%)	4.87	4.35	3.89	3.67	3.62	3.78	3.95	4.09
Nonfarm Payroll Employment	144.35	146.61	149.06	151.36	153.07	153.88	154.59	155.36
% Ch	1.8	1.6	1.7	1.5	1.1	0.5	0.5	0.5
Manufacturing	12.35	12.44	12.69	12.84	12.72	12.48	12.45	12.53
% Ch	0.1	0.7	2.0	1.2	-1.0	-1.8	-0.2	0.6
Durable Manufacturing	7.71	7.74	7.94	8.07	8.01	7.86	7.86	7.97
% Ch	-0.7	0.3	2.7	1.5	-0.8	-1.8	0.1	1.4
Nondurable Manufacturing	4.64	4.70	4.74	4.78	4.71	4.62	4.59	4.56
% Ch	1.5	1.3	0.9	0.7	-1.4	-1.8	-0.7	-0.6
Construction	6.73	6.97	7.29	7.49	7.52	7.59	7.73	7.88
% Ch	4.1	3.6	4.6	2.8	0.3	1.0	1.8	2.0
Service-Providing	124.60	126.53	128.36	130.27	132.10	133.07	133.65	134.17
% Ch	1.9	1.5	1.4	1.5	1.4	0.7	0.4	0.4
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	43.2	51.0	64.9	56.6	53.5	51.6	51.1	51.3
Personal Saving/Disposable Income (%)	6.8	7.0	7.7	8.1	8.1	8.3	8.5	8.8
Auto Sales (Millions)	6.9	6.1	5.3	4.8	4.5	4.5	4.4	4.5
% Ch	-8.6	-11.5	-12.8	-9.5	-5.5	-1.7	-1.1	1.0
Housing Starts (Millions)	1.178	1.209	1.250	1.229	1.249	1.228	1.266	1.285
% Ch	6.4	2.6	3.4	-1.6	1.6	-1.7	3.1	1.5
Federal Budget Surplus (Billions)	-677.0	-724.7	-1,009.8	-1,166.4	-1,161.9	-1,204.8	-1,260.8	-1,278.1
Net Exports (Billions)	-518.8	-575.3	-638.2	-636.8	-577.9	-564.8	-522.4	-462.4
3-Month Treasury Bill Rate (%)	0.32	0.93	1.94	2.13	1.58	1.84	2.15	2.39
10-Year Treasury Note Yield (%)	1.84	2.33	2.91	2.06	2.08	2.70	3.13	3.33
Bond Index of 20 G.O. Munis. (%)	3.27	3.67	3.96	3.69	3.81	4.28	4.63	4.82
30-Year Fixed Mortgage Rate (%)	3.65	3.99	4.54	3.88	3.82	4.34	4.67	4.84

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	19,023.0	19,117.4	19,204.0
% Ch , Annual Rate	2.6	3.5	2.9	1.1	3.1	2.0	2.0	1.8
Real Consumption	12,782.9	12,909.2	13,019.8	13,066.3	13,103.3	13,253.4	13,341.0	13,406.8
% Ch , Annual Rate	1.7	4.0	3.5	1.4	1.1	4.7	2.7	2.0
Real Nonresidential Fixed Investment	2,639.5	2,689.9	2,703.9	2,735.8	2,765.6	2,761.1	2,759.5	2,798.0
% Ch , Annual Rate	8.8	7.9	2.1	4.8	4.4	-0.6	-0.2	5.7
Real Residential Fixed Investment	612.1	606.3	600.1	593.0	591.4	587.1	592.4	596.2
% Ch , Annual Rate	-5.3	-3.7	-4.0	-4.7	-1.0	-2.9	3.7	2.6
Real Personal Income	16,331.6	16,413.8	16,537.2	16,624.5	16,858.6	16,987.8	17,070.5	17,187.3
% Ch , Annual Rate	4.7	2.0	3.0	2.1	5.8	3.1	2.0	2.8
Real Per Capita Income (\$/Person)	49,961	50,133	50,420	50,595	51,216	51,516	51,675	51,936
% Ch , Annual Rate	4.2	1.4	2.3	1.4	5.0	2.4	1.2	2.0
Price and Wage Indexes								
PCE Price Index (2012=100)	107.4	108.0	108.4	108.8	108.9	109.5	110.0	110.5
% Ch , Annual Rate	2.5	2.2	1.6	1.3	0.4	2.3	1.8	2.0
U.S. Consumer Price Index (1982-84=1.0)	2.493	2.506	2.518	2.528	2.533	2.551	2.564	2.576
% Ch , Annual Rate	3.2	2.1	2.0	1.5	0.9	2.9	2.0	1.8
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	3.5	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	21,339.1	21,579.4	21,816.9
% Ch , Annual Rate	5.0	7.1	4.8	2.9	3.9	4.6	4.6	4.5
Personal Income	17,540.3	17,725.0	17,928.5	18,082.8	18,355.4	18,600.8	18,776.8	18,998.1
% Ch , Annual Rate	7.4	4.3	4.7	3.5	6.2	5.5	3.8	4.8
Employment (Millions)								
U.S. Civilian Labor Force	161.6	161.8	162.0	162.9	163.1	162.7	163.4	163.7
Total U.S. Employment	155.0	155.4	155.9	156.8	156.8	156.8	157.5	157.9
Unemployment Rate (%)	4.09	3.91	3.79	3.77	3.88	3.62	3.63	3.54
Nonfarm Payroll Employment	148.05	148.74	149.41	150.06	150.68	151.12	151.61	152.02
% Ch , Annual Rate	1.8	1.9	1.8	1.7	1.7	1.2	1.3	1.1
Manufacturing	12.59	12.66	12.72	12.79	12.83	12.84	12.86	12.84
% Ch , Annual Rate	2.3	2.3	1.9	2.2	1.4	0.3	0.8	-0.7
Durable Manufacturing	7.86	7.92	7.97	8.02	8.06	8.06	8.08	8.07
% Ch , Annual Rate	3.4	3.0	2.7	2.4	1.8	0.2	1.0	-0.7
Nondurable Manufacturing	4.73	4.74	4.74	4.77	4.77	4.78	4.78	4.77
% Ch , Annual Rate	0.5	1.0	0.6	1.8	0.7	0.4	0.4	-0.8
Construction	7.18	7.26	7.33	7.39	7.45	7.49	7.51	7.53
% Ch , Annual Rate	6.7	4.8	4.0	3.1	3.2	2.3	1.4	0.6
Service-Providing	127.58	128.09	128.62	129.13	129.64	130.03	130.48	130.90
% Ch , Annual Rate	1.4	1.6	1.6	1.6	1.6	1.2	1.4	1.3
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	62.9	68.0	69.8	58.9	54.8	59.8	56.0	55.6
Personal Saving/Disposable Income (%)	7.9	7.6	7.5	7.8	8.5	8.0	7.9	8.1
Auto Sales (Millions)	5.4	5.3	5.2	5.3	5.0	4.8	4.7	4.7
% Ch , Annual Rate	-30.3	-8.1	-11.7	9.9	-20.8	-12.9	-9.3	-1.1
Housing Starts (Millions)	1.321	1.260	1.233	1.185	1.213	1.258	1.213	1.232
% Ch , Annual Rate	20.8	-17.2	-8.2	-14.7	9.8	15.8	-13.5	6.2
Federal Budget Surplus (Billions)	-976.3	-1,013.8	-981.3	-1,067.6	-1,122.9	-1,170.8	-1,186.9	-1,184.9
Net Exports (Billions)	-629.0	-568.4	-671.4	-684.1	-633.8	-663.9	-639.5	-610.1
3-Month Treasury Bill Rate (%)	1.56	1.84	2.04	2.32	2.39	2.30	1.98	1.85
10-Year Treasury Note Yield (%)	2.76	2.92	2.93	3.03	2.65	2.33	1.71	1.56
Bond Index of 20 G.O. Munis. (%)	3.73	3.89	3.97	4.25	4.13	3.70	3.52	3.42
30-Year Fixed Mortgage Rate (%)	4.27	4.54	4.57	4.78	4.38	4.01	3.64	3.50

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	19,287.5	19,369.7	19,445.8	19,525.3	19,609.5	19,694.5	19,775.1	19,868.9
% Ch , Annual Rate	1.8	1.7	1.6	1.6	1.7	1.7	1.6	1.9
Real Consumption	13,476.8	13,541.1	13,596.7	13,650.1	13,720.6	13,789.8	13,858.1	13,927.2
% Ch , Annual Rate	2.1	1.9	1.7	1.6	2.1	2.0	2.0	2.0
Real Nonresidential Fixed Investment	2,827.9	2,831.5	2,850.7	2,880.4	2,905.0	2,929.0	2,953.3	2,979.9
% Ch , Annual Rate	4.3	0.5	2.7	4.2	3.5	3.3	3.3	3.7
Real Residential Fixed Investment	595.0	589.8	585.7	586.7	584.1	579.8	579.4	582.0
% Ch , Annual Rate	-0.8	-3.5	-2.8	0.7	-1.7	-2.9	-0.3	1.8
Real Personal Income	17,272.9	17,365.3	17,445.5	17,528.2	17,632.2	17,721.1	17,807.0	17,900.6
% Ch , Annual Rate	2.0	2.2	1.9	1.9	2.4	2.0	2.0	2.1
Real Per Capita Income (\$/Person)	52,102	52,288	52,437	52,593	52,813	52,986	53,151	53,337
% Ch , Annual Rate	1.3	1.4	1.1	1.2	1.7	1.3	1.2	1.4
Price and Wage Indexes								
PCE Price Index (2012=100)	111.2	111.7	112.3	112.9	113.5	114.0	114.6	115.2
% Ch , Annual Rate	2.3	2.1	2.1	2.0	2.0	2.0	2.0	2.0
U.S. Consumer Price Index (1982-84=1.0)	2.592	2.605	2.620	2.632	2.646	2.661	2.676	2.690
% Ch , Annual Rate	2.5	2.1	2.3	1.9	2.2	2.3	2.2	2.2
Employment Cost Index (Dec. 2005=1.0)	1.401	1.414	1.425	1.437	1.450	1.462	1.476	1.489
% Ch , Annual Rate	3.4	3.6	3.2	3.3	3.6	3.6	3.7	3.6
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	22,046.8	22,283.2	22,512.1	22,749.7	22,984.1	23,217.2	23,449.4	23,697.3
% Ch , Annual Rate	4.3	4.4	4.2	4.3	4.2	4.1	4.1	4.3
Personal Income	19,202.4	19,405.6	19,597.9	19,787.7	20,005.5	20,207.6	20,406.2	20,614.6
% Ch , Annual Rate	4.4	4.3	4.0	3.9	4.5	4.1	4.0	4.1
Employment (Millions)								
U.S. Civilian Labor Force	164.2	164.9	165.1	165.4	165.7	166.1	166.4	166.7
Total U.S. Employment	158.4	159.0	159.1	159.3	159.6	159.8	160.0	160.2
Unemployment Rate (%)	3.57	3.58	3.65	3.69	3.72	3.75	3.80	3.85
Nonfarm Payroll Employment	152.55	153.19	153.21	153.35	153.57	153.80	153.99	154.17
% Ch , Annual Rate	1.4	1.7	0.1	0.4	0.6	0.6	0.5	0.5
Manufacturing	12.87	12.78	12.64	12.57	12.50	12.49	12.48	12.46
% Ch , Annual Rate	1.0	-3.0	-4.1	-2.2	-2.4	-0.3	-0.3	-0.6
Durable Manufacturing	8.10	8.05	7.96	7.92	7.86	7.86	7.86	7.85
% Ch , Annual Rate	1.7	-2.8	-4.3	-1.9	-2.9	0.1	-0.2	-0.4
Nondurable Manufacturing	4.77	4.73	4.68	4.65	4.64	4.63	4.62	4.61
% Ch , Annual Rate	-0.2	-3.5	-3.8	-2.6	-1.5	-0.8	-0.5	-0.9
Construction	7.52	7.51	7.51	7.53	7.55	7.57	7.60	7.63
% Ch , Annual Rate	-0.6	-0.3	0.0	1.1	1.2	1.1	1.3	1.8
Service-Providing	131.41	132.16	132.32	132.51	132.78	132.99	133.17	133.33
% Ch , Annual Rate	1.6	2.3	0.5	0.6	0.8	0.6	0.5	0.5
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	54.8	53.8	53.0	52.5	52.0	51.7	51.5	51.3
Personal Saving/Disposable Income (%)	8.0	8.1	8.1	8.2	8.3	8.3	8.3	8.3
Auto Sales (Millions)	4.6	4.5	4.5	4.5	4.5	4.5	4.5	4.4
% Ch , Annual Rate	-7.5	-4.4	-3.0	-2.1	-0.6	-1.2	-0.7	-2.1
Housing Starts (Millions)	1.244	1.255	1.249	1.248	1.217	1.219	1.231	1.244
% Ch , Annual Rate	4.0	3.5	-1.8	-0.4	-9.4	0.5	4.0	4.3
Federal Budget Surplus (Billions)	-1,165.8	-1,157.4	-1,159.8	-1,164.7	-1,188.2	-1,197.6	-1,209.9	-1,223.4
Net Exports (Billions)	-556.2	-579.1	-598.9	-577.2	-573.8	-568.6	-564.3	-552.4
3-Month Treasury Bill Rate (%)	1.65	1.57	1.54	1.54	1.73	1.75	1.93	1.95
10-Year Treasury Note Yield (%)	1.82	2.02	2.16	2.33	2.49	2.64	2.78	2.90
Bond Index of 20 G.O. Munis. (%)	3.63	3.76	3.87	3.99	4.11	4.22	4.35	4.45
30-Year Fixed Mortgage Rate (%)	3.60	3.77	3.89	4.01	4.18	4.29	4.40	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	19,963.8	20,061.5	20,162.8	20,260.0	20,363.3	20,463.2	20,563.9	20,666.6
% Ch , Annual Rate	1.9	2.0	2.0	1.9	2.1	2.0	2.0	2.0
Real Consumption	13,996.4	14,065.7	14,135.2	14,204.4	14,274.7	14,346.0	14,418.6	14,490.4
% Ch , Annual Rate	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Real Nonresidential Fixed Investment	3,009.0	3,042.0	3,078.0	3,115.7	3,155.3	3,194.0	3,232.4	3,270.3
% Ch , Annual Rate	4.0	4.5	4.8	5.0	5.2	5.0	4.9	4.8
Real Residential Fixed Investment	584.9	587.3	589.4	591.0	592.5	593.7	594.7	596.9
% Ch , Annual Rate	2.1	1.6	1.5	1.1	1.0	0.8	0.7	1.5
Real Personal Income	18,013.5	18,111.6	18,216.3	18,318.5	18,455.3	18,574.2	18,684.7	18,797.3
% Ch , Annual Rate	2.5	2.2	2.3	2.3	3.0	2.6	2.4	2.4
Real Per Capita Income (\$/Person)	53,581	53,780	53,998	54,209	54,521	54,779	55,012	55,251
% Ch , Annual Rate	1.8	1.5	1.6	1.6	2.3	1.9	1.7	1.7
Price and Wage Indexes								
PCE Price Index (2012=100)	115.7	116.3	116.8	117.4	118.0	118.5	119.1	119.7
% Ch , Annual Rate	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9
U.S. Consumer Price Index (1982-84=1.0)	2.705	2.720	2.734	2.749	2.763	2.778	2.793	2.808
% Ch , Annual Rate	2.2	2.2	2.1	2.2	2.2	2.1	2.2	2.2
Employment Cost Index (Dec. 2005=1.0)	1.503	1.516	1.530	1.544	1.559	1.574	1.589	1.604
% Ch , Annual Rate	3.7	3.7	3.6	3.7	3.9	3.9	3.9	3.9
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	23,950.3	24,208.5	24,470.2	24,729.6	24,997.8	25,260.0	25,528.0	25,800.2
% Ch , Annual Rate	4.3	4.4	4.4	4.3	4.4	4.3	4.3	4.3
Personal Income	20,846.4	21,062.1	21,284.3	21,506.1	21,771.5	22,014.2	22,251.4	22,493.1
% Ch , Annual Rate	4.6	4.2	4.3	4.2	5.0	4.5	4.4	4.4
Employment (Millions)								
U.S. Civilian Labor Force	166.9	167.2	167.4	167.6	167.9	168.1	168.3	168.6
Total U.S. Employment	160.4	160.6	160.8	160.9	161.1	161.3	161.4	161.6
Unemployment Rate (%)	3.89	3.93	3.96	4.01	4.04	4.07	4.10	4.14
Nonfarm Payroll Employment	154.33	154.50	154.68	154.85	155.12	155.33	155.43	155.53
% Ch, Annual Rate	0.4	0.4	0.5	0.5	0.7	0.5	0.3	0.3
Manufacturing	12.45	12.44	12.45	12.47	12.51	12.53	12.55	12.55
% Ch, Annual Rate	-0.2	-0.3	0.2	0.6	1.3	0.9	0.4	0.0
Durable Manufacturing	7.85	7.85	7.86	7.89	7.93	7.96	7.98	8.00
% Ch, Annual Rate	0.1	-0.1	0.6	1.2	2.1	1.7	1.2	0.8
Nondurable Manufacturing	4.60	4.59	4.59	4.58	4.58	4.57	4.56	4.55
% Ch, Annual Rate	-0.8	-0.7	-0.6	-0.5	-0.2	-0.5	-1.1	-1.2
Construction	7.67	7.71	7.74	7.78	7.82	7.86	7.90	7.94
% Ch, Annual Rate	2.1	1.9	1.9	1.9	2.1	2.1	2.0	2.2
Service-Providing	133.45	133.59	133.73	133.84	134.03	134.17	134.21	134.27
% Ch, Annual Rate	0.4	0.4	0.4	0.3	0.6	0.4	0.1	0.2
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	51.2	51.1	51.1	51.2	51.2	51.2	51.4	51.6
Personal Saving/Disposable Income (%)	8.4	8.5	8.5	8.5	8.7	8.8	8.8	8.8
Auto Sales (Millions)	4.4	4.4	4.4	4.4	4.4	4.4	4.5	4.5
% Ch, Annual Rate	-1.5	-0.4	-0.8	0.5	1.5	1.9	1.8	2.0
Housing Starts (Millions)	1.264	1.264	1.265	1.269	1.271	1.288	1.291	1.289
% Ch, Annual Rate	6.7	0.1	0.2	1.1	0.8	5.5	1.0	-0.7
Federal Budget Surplus (Billions)	-1,253.3	-1,260.4	-1,263.9	-1,265.6	-1,279.3	-1,278.0	-1,276.5	-1,278.7
Net Exports (Billions)	-542.2	-530.0	-516.3	-501.3	-483.7	-468.0	-453.9	-444.1
3-Month Treasury Bill Rate (%)	2.15	2.16	2.15	2.15	2.36	2.41	2.39	2.39
10-Year Treasury Note Yield (%)	3.00	3.10	3.18	3.23	3.33	3.33	3.33	3.33
Bond Index of 20 G.O. Munis. (%)	4.53	4.60	4.66	4.72	4.80	4.81	4.83	4.84
30-Year Fixed Mortgage Rate (%)	4.57	4.64	4.70	4.75	4.81	4.85	4.85	4.86

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	388.340	404.762	424.223	441.677	453.431	465.106	477.563	492.487
% Ch	4.0	4.2	4.8	4.1	2.7	2.6	2.7	3.1
Real Wage and Salary Disb.	195.306	205.865	219.377	229.994	237.777	244.625	251.789	260.573
% Ch	5.0	5.4	6.6	4.8	3.4	2.9	2.9	3.5
Real Nonwage Income	193.034	198.896	204.845	211.684	215.653	220.481	225.774	231.914
% Ch	3.0	3.0	3.0	3.3	1.9	2.2	2.4	2.7
Real Per Capita Income (\$/Person)	53,228	54,521	56,289	57,751	58,441	59,135	59,932	61,052
% Ch	2.2	2.4	3.2	2.6	1.2	1.2	1.3	1.9
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.041	1.059	1.081	1.097	1.120	1.143	1.166	1.188
% Ch	1.0	1.8	2.1	1.5	2.1	2.0	2.0	1.9
Seattle Cons. Price Index (1982-84=1.0)	2.550	2.628	2.711	2.783	2.851	2.912	2.976	3.040
% Ch	2.3	3.0	3.2	2.6	2.4	2.2	2.2	2.2
Average Nonfarm Annual Wage	60,530	63,583	67,569	70,597	73,271	76,076	79,073	82,624
% Ch	3.0	5.0	6.3	4.5	3.8	3.8	3.9	4.5
Avg. Hourly Earnings-Mfg. (\$/Hour)	26.42	27.37	28.42	29.50	30.57	31.60	32.71	33.91
% Ch	3.5	3.6	3.8	3.8	3.6	3.4	3.5	3.7
Current Dollar Income (Billions of Dollars)								
Personal Income	404.232	428.765	458.771	484.650	508.031	531.693	556.694	585.149
% Ch	5.1	6.1	7.0	5.6	4.8	4.7	4.7	5.1
Disposable Personal Income	355.183	376.797	405.282	427.429	447.980	469.186	491.200	515.173
% Ch	5.3	6.1	7.6	5.5	4.8	4.7	4.7	4.9
Per Capita Income (\$/Person)	55,405	57,753	60,872	63,368	65,477	67,600	69,862	72,538
% Ch	3.2	4.2	5.4	4.1	3.3	3.2	3.3	3.8
Employment (Thousands)								
Washington Civilian Labor Force	3,643.9	3,719.3	3,790.5	3,881.5	3,951.4	4,007.9	4,058.9	4,105.4
Total Washington Employment	3,451.3	3,543.9	3,620.3	3,703.2	3,768.7	3,817.3	3,860.1	3,899.3
Unemployment Rate (%)	5.29	4.72	4.49	4.59	4.62	4.75	4.90	5.02
Nonfarm Payroll Employment	3,242.8	3,321.2	3,404.2	3,469.0	3,529.6	3,569.1	3,604.9	3,640.3
% Ch	3.1	2.4	2.5	1.9	1.7	1.1	1.0	1.0
Manufacturing	290.4	284.2	287.5	295.3	294.9	293.0	295.0	298.7
% Ch	-0.7	-2.1	1.2	2.7	-0.2	-0.6	0.7	1.2
Durable Manufacturing	207.7	200.3	202.1	207.7	207.8	206.8	208.7	212.0
% Ch	-1.7	-3.5	0.9	2.8	0.0	-0.5	0.9	1.6
Aerospace	91.0	84.2	84.0	88.9	89.9	89.9	89.9	89.9
% Ch	-3.2	-7.5	-0.3	5.9	1.1	0.0	0.0	0.0
Nondurable Manufacturing	82.7	83.9	85.5	87.6	87.1	86.3	86.4	86.7
% Ch	2.0	1.4	1.9	2.5	-0.6	-1.0	0.1	0.3
Construction	186.6	199.8	213.4	217.3	214.8	211.8	210.5	209.9
% Ch	7.7	7.0	6.8	1.9	-1.2	-1.4	-0.6	-0.3
Service-Providing	2,759.5	2,831.0	2,897.0	2,950.3	3,013.8	3,058.3	3,093.3	3,125.6
% Ch	3.2	2.6	2.3	1.8	2.2	1.5	1.1	1.0
Software Publishers	58.9	61.4	65.3	70.1	71.7	72.4	73.3	74.5
% Ch	5.3	4.2	6.4	7.3	2.3	0.9	1.3	1.6
Electronic Shopping and Mail-Order	38.2	49.7	54.8	59.5	62.6	64.9	66.8	68.5
% Ch	26.6	30.1	10.2	8.7	5.1	3.8	3.0	2.5
Housing Indicators (Thousands)								
Housing Units Authorized by Bldg. Permit	44.077	45.794	47.746	45.239	43.323	42.463	42.362	41.715
% Ch	9.2	3.9	4.3	-5.3	-4.2	-2.0	-0.2	-1.5
Single-Family	22.463	23.115	23.676	22.083	22.866	22.855	23.343	23.620
% Ch	13.5	2.9	2.4	-6.7	3.5	0.0	2.1	1.2
Multi-Family	21.614	22.679	24.070	23.156	20.456	19.609	19.019	18.095
% Ch	5.0	4.9	6.1	-3.8	-11.7	-4.1	-3.0	-4.9
30-Year Fixed Mortgage Rate (%)	3.65	3.99	4.54	3.88	3.82	4.34	4.67	4.84

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	419.603	421.240	425.642	430.406	436.609	440.432	443.341	446.327
% Ch, Annual Rate	8.6	1.6	4.2	4.6	5.9	3.5	2.7	2.7
Real Wage and Salary Disb.	217.232	217.585	220.575	222.117	227.427	228.871	230.990	232.687
% Ch, Annual Rate	15.8	0.7	5.6	2.8	9.9	2.6	3.8	3.0
Real Nonwage Income	202.371	203.655	205.067	208.289	209.182	211.561	212.351	213.640
% Ch, Annual Rate	1.5	2.6	2.8	6.4	1.7	4.6	1.5	2.4
Real Per Capita Income (\$/Person)	55,987	56,005	56,374	56,790	57,410	57,695	57,861	58,038
% Ch, Annual Rate	7.1	0.1	2.7	3.0	4.4	2.0	1.2	1.2
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	1.100	1.105
% Ch, Annual Rate	2.5	2.2	1.6	1.3	0.4	2.3	1.9	2.0
Seattle Cons. Price Index (1982-84=1.0)	2.687	2.703	2.715	2.740	2.758	2.766	2.796	2.811
% Ch, Annual Rate	3.8	2.4	1.9	3.6	2.7	1.2	4.5	2.0
Average Nonfarm Annual Wage	66,894	67,106	67,964	68,311	69,822	70,272	70,845	71,447
% Ch, Annual Rate	14.8	1.3	5.2	2.1	9.1	2.6	3.3	3.4
Avg. Hourly Earnings-Mfg. (\$/Hour)	27.95	28.36	28.52	28.84	29.19	29.10	29.74	29.96
% Ch, Annual Rate	1.8	5.9	2.3	4.6	5.0	-1.3	9.2	3.0
Current Dollar Income (Billions of Dollars)								
Personal Income	450.638	454.871	461.432	468.143	475.359	482.234	487.657	493.351
% Ch, Annual Rate	11.4	3.8	5.9	5.9	6.3	5.9	4.6	4.8
Disposable Personal Income	397.330	401.705	407.731	414.361	419.500	424.928	430.117	435.170
% Ch, Annual Rate	13.7	4.5	6.1	6.7	5.1	5.3	5.0	4.8
Per Capita Income (\$/Person)	60,128	60,477	61,114	61,769	62,505	63,171	63,645	64,153
% Ch, Annual Rate	9.8	2.3	4.3	4.4	4.8	4.3	3.0	3.2
Employment (Thousands)								
Washington Civilian Labor Force	3,759.0	3,777.4	3,802.5	3,823.0	3,849.0	3,874.8	3,894.2	3,908.0
Total Washington Employment	3,585.7	3,607.7	3,634.8	3,652.9	3,673.8	3,694.6	3,714.0	3,730.3
Unemployment Rate (%)	4.61	4.49	4.41	4.45	4.55	4.65	4.63	4.55
Nonfarm Payroll Employment	3,381.6	3,394.3	3,411.1	3,430.0	3,441.2	3,460.5	3,480.3	3,493.9
% Ch, Annual Rate	3.8	1.5	2.0	2.2	1.3	2.3	2.3	1.6
Manufacturing	284.8	285.9	288.0	291.4	293.8	294.4	296.6	296.5
% Ch, Annual Rate	3.2	1.5	3.0	4.8	3.3	0.8	3.1	-0.2
Durable Manufacturing	199.6	200.9	202.8	204.9	206.6	207.1	208.6	208.6
% Ch, Annual Rate	2.8	2.5	3.8	4.3	3.4	0.8	3.0	0.1
Aerospace	82.3	83.0	84.6	86.0	87.2	88.6	89.9	89.9
% Ch, Annual Rate	2.3	3.6	8.0	7.0	5.6	6.6	6.0	0.0
Nondurable Manufacturing	85.2	85.0	85.2	86.5	87.1	87.3	88.0	87.9
% Ch, Annual Rate	4.0	-0.8	1.2	5.9	3.2	0.8	3.3	-0.7
Construction	209.7	211.9	213.7	218.3	216.1	218.1	217.9	217.3
% Ch, Annual Rate	10.5	4.4	3.5	8.8	-3.9	3.7	-0.4	-1.1
Service-Providing	2,880.8	2,890.2	2,903.0	2,914.1	2,925.1	2,942.1	2,959.9	2,974.1
% Ch, Annual Rate	3.4	1.3	1.8	1.5	1.5	2.3	2.4	1.9
Software Publishers	63.5	64.7	66.0	67.0	68.3	69.6	71.0	71.4
% Ch, Annual Rate	7.0	7.9	8.0	6.5	7.9	7.8	8.2	1.9
Electronic Shopping and Mail-Order	54.3	54.3	54.2	56.2	58.4	59.0	59.9	60.8
% Ch, Annual Rate	6.8	0.1	-0.8	15.4	16.8	4.0	6.4	5.6
Housing Indicators (Thousands)								
Housing Units Authorized by Bldg. Permit	53.183	45.970	42.801	49.030	43.753	48.607	45.410	43.186
% Ch, Annual Rate	20.4	-44.2	-24.9	72.2	-36.6	52.3	-23.8	-18.2
Single-Family	25.018	23.344	23.607	22.734	21.060	22.141	22.625	22.508
% Ch, Annual Rate	7.6	-24.2	4.6	-14.0	-26.4	22.2	9.0	-2.0
Multi-Family	28.165	22.626	19.193	26.296	22.693	26.466	22.785	20.678
% Ch, Annual Rate	33.5	-58.4	-48.2	252.3	-44.5	85.0	-45.1	-32.2
30-Year Fixed Mortgage Rate (%)	4.27	4.54	4.57	4.78	4.38	4.01	3.64	3.50

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	448.966	452.218	454.872	457.667	460.997	463.739	466.414	469.274
% Ch, Annual Rate	2.4	2.9	2.4	2.5	2.9	2.4	2.3	2.5
Real Wage and Salary Disb.	234.725	237.228	238.740	240.417	242.211	243.797	245.416	247.074
% Ch, Annual Rate	3.5	4.3	2.6	2.8	3.0	2.6	2.7	2.7
Real Nonwage Income	214.242	214.989	216.132	217.250	218.786	219.942	220.998	222.201
% Ch, Annual Rate	1.1	1.4	2.1	2.1	2.9	2.1	1.9	2.2
Real Per Capita Income (\$/Person)	58,172	58,386	58,525	58,682	58,909	59,060	59,203	59,369
% Ch, Annual Rate	0.9	1.5	1.0	1.1	1.6	1.0	1.0	1.1
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.112	1.117	1.123	1.129	1.135	1.140	1.146	1.152
% Ch, Annual Rate	2.3	2.1	2.1	2.0	2.0	2.0	2.0	2.0
Seattle Cons. Price Index (1982-84=1.0)	2.828	2.843	2.859	2.872	2.888	2.905	2.920	2.936
% Ch, Annual Rate	2.6	2.1	2.3	1.9	2.2	2.3	2.2	2.2
Average Nonfarm Annual Wage	72,192	72,915	73,638	74,337	75,048	75,726	76,412	77,116
% Ch, Annual Rate	4.2	4.1	4.0	3.9	3.9	3.7	3.7	3.7
Avg. Hourly Earnings-Mfg. (\$/Hour)	30.20	30.46	30.69	30.93	31.19	31.46	31.73	32.00
% Ch, Annual Rate	3.3	3.4	3.0	3.2	3.4	3.4	3.5	3.5
Current Dollar Income (Billions of Dollars)								
Personal Income	499.118	505.350	510.994	516.663	523.048	528.807	534.493	540.423
% Ch, Annual Rate	4.8	5.1	4.5	4.5	5.0	4.5	4.4	4.5
Disposable Personal Income	440.115	445.531	450.590	455.683	461.421	466.596	471.734	476.995
% Ch, Annual Rate	4.6	5.0	4.6	4.6	5.1	4.6	4.5	4.5
Per Capita Income (\$/Person)	64,670	65,246	65,745	66,247	66,838	67,347	67,844	68,370
% Ch, Annual Rate	3.3	3.6	3.1	3.1	3.6	3.1	3.0	3.1
Employment (Thousands)								
Washington Civilian Labor Force	3,925.9	3,947.9	3,959.1	3,972.9	3,987.5	4,001.4	4,014.8	4,027.9
Total Washington Employment	3,745.7	3,766.6	3,775.3	3,787.3	3,800.2	3,812.0	3,823.1	3,834.1
Unemployment Rate (%)	4.59	4.59	4.64	4.67	4.70	4.73	4.78	4.81
Nonfarm Payroll Employment	3,508.4	3,529.4	3,535.7	3,544.8	3,555.2	3,564.5	3,573.7	3,583.0
% Ch, Annual Rate	1.7	2.4	0.7	1.0	1.2	1.0	1.0	1.0
Manufacturing	297.0	295.6	293.8	293.1	292.5	292.8	293.2	293.5
% Ch, Annual Rate	0.7	-1.9	-2.4	-1.0	-0.8	0.5	0.5	0.4
Durable Manufacturing	209.1	208.2	207.1	206.7	206.3	206.6	206.9	207.2
% Ch, Annual Rate	0.9	-1.7	-2.1	-0.7	-0.9	0.7	0.5	0.6
Aerospace	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nondurable Manufacturing	88.0	87.4	86.7	86.3	86.2	86.2	86.3	86.3
% Ch, Annual Rate	0.4	-2.6	-3.1	-1.8	-0.4	0.0	0.3	0.0
Construction	215.8	215.2	214.5	213.7	212.8	211.8	211.3	211.2
% Ch, Annual Rate	-2.6	-1.1	-1.4	-1.4	-1.7	-1.8	-0.9	-0.3
Service-Providing	2,989.4	3,012.5	3,021.3	3,031.9	3,043.8	3,053.8	3,063.2	3,072.2
% Ch, Annual Rate	2.1	3.1	1.2	1.4	1.6	1.3	1.2	1.2
Software Publishers	71.5	71.6	71.8	71.9	72.1	72.3	72.4	72.6
% Ch, Annual Rate	0.6	0.7	0.9	1.0	0.9	0.9	1.0	1.1
Electronic Shopping and Mail-Order	61.5	62.3	62.9	63.5	64.1	64.7	65.2	65.7
% 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	43.262	43.473	43.359	43.195	42.508	42.386	42.408	42.552
% Ch, Annual Rate	0.7	2.0	-1.0	-1.5	-6.2	-1.1	0.2	1.4
Single-Family	22.622	22.778	22.952	23.114	22.782	22.755	22.856	23.026
% Ch, Annual Rate	2.0	2.8	3.1	2.9	-5.6	-0.5	1.8	3.0
Multi-Family	20.641	20.695	20.408	20.082	19.725	19.631	19.552	19.526
% Ch, Annual Rate	-0.7	1.1	-5.4	-6.2	-6.9	-1.9	-1.6	-0.5
30-Year Fixed Mortgage Rate (%)	3.60	3.77	3.89	4.01	4.18	4.29	4.40	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	472.722	475.833	479.173	482.524	486.789	490.674	494.377	498.107
% Ch, Annual Rate	3.0	2.7	2.8	2.8	3.6	3.2	3.1	3.1
Real Wage and Salary Disb.	248.920	250.765	252.726	254.746	257.127	259.507	261.725	263.932
% Ch, Annual Rate	3.0	3.0	3.2	3.2	3.8	3.8	3.5	3.4
Real Nonwage Income	223.803	225.068	226.446	227.777	229.662	231.167	232.651	234.175
% Ch, Annual Rate	2.9	2.3	2.5	2.4	3.4	2.6	2.6	2.6
Real Per Capita Income (\$/Person)	59,610	59,809	60,039	60,271	60,617	60,917	61,195	61,478
% Ch, Annual Rate	1.6	1.3	1.5	1.6	2.3	2.0	1.8	1.9
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.157	1.163	1.168	1.174	1.180	1.185	1.191	1.197
% Ch, Annual Rate	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9
Seattle Cons. Price Index (1982-84=1.0)	2.952	2.968	2.984	3.000	3.016	3.032	3.048	3.065
% Ch, Annual Rate	2.2	2.2	2.1	2.2	2.2	2.1	2.2	2.2
Average Nonfarm Annual Wage	77,883	78,652	79,460	80,296	81,208	82,144	83,093	84,051
% Ch, Annual Rate	4.0	4.0	4.2	4.3	4.6	4.7	4.7	4.7
Avg. Hourly Earnings-Mfg. (\$/Hour)	32.29	32.57	32.84	33.13	33.44	33.75	34.07	34.39
% Ch, Annual Rate	3.6	3.5	3.4	3.5	3.8	3.8	3.8	3.8
Current Dollar Income (Billions of Dollars)								
Personal Income	547.065	553.349	559.875	566.487	574.259	581.548	588.746	596.043
% Ch, Annual Rate	5.0	4.7	4.8	4.8	5.6	5.2	5.0	5.1
Disposable Personal Income	482.940	488.382	493.939	499.540	506.102	512.189	518.180	524.222
% Ch, Annual Rate	5.1	4.6	4.6	4.6	5.4	4.9	4.8	4.7
Per Capita Income (\$/Person)	68,985	69,553	70,151	70,758	71,509	72,199	72,876	73,565
% Ch, Annual Rate	3.6	3.3	3.5	3.5	4.3	3.9	3.8	3.8
Employment (Thousands)								
Washington Civilian Labor Force	4,040.7	4,053.0	4,065.0	4,076.7	4,088.5	4,099.9	4,111.1	4,122.1
Total Washington Employment	3,844.7	3,855.3	3,865.3	3,875.0	3,885.0	3,894.7	3,904.2	3,913.4
Unemployment Rate (%)	4.85	4.88	4.91	4.95	4.98	5.01	5.03	5.06
Nonfarm Payroll Employment	3,591.7	3,600.7	3,609.2	3,617.9	3,628.2	3,637.4	3,644.3	3,651.1
% Ch, Annual Rate	1.0	1.0	1.0	1.0	1.2	1.0	0.8	0.7
Manufacturing	294.0	294.6	295.3	296.3	297.4	298.4	299.1	299.7
% Ch, Annual Rate	0.7	0.7	1.0	1.3	1.5	1.4	0.9	0.8
Durable Manufacturing	207.7	208.2	208.9	209.8	210.8	211.7	212.4	213.1
% Ch, Annual Rate	1.0	0.9	1.3	1.7	1.9	1.8	1.4	1.2
Aerospace	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nondurable Manufacturing	86.3	86.3	86.4	86.5	86.6	86.7	86.7	86.6
% Ch, Annual Rate	0.0	0.2	0.3	0.4	0.7	0.4	-0.2	-0.3
Construction	210.8	210.7	210.3	210.0	209.9	209.9	209.8	209.9
% Ch, Annual Rate	-0.8	-0.2	-0.8	-0.5	-0.2	-0.1	0.0	0.0
Service-Providing	3,080.9	3,089.4	3,097.6	3,105.5	3,114.8	3,123.0	3,129.2	3,135.4
% Ch, Annual Rate	1.1	1.1	1.1	1.0	1.2	1.1	0.8	0.8
Software Publishers	72.9	73.2	73.4	73.7	74.0	74.3	74.6	74.9
% Ch, Annual Rate	1.3	1.5	1.5	1.6	1.6	1.7	1.7	1.7
Electronic Shopping and Mail-Order	66.2	66.6	67.1	67.5	67.9	68.3	68.7	69.1
% 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	42.817	42.421	42.195	42.016	41.827	41.868	41.715	41.450
% Ch, Annual Rate	2.5	-3.7	-2.1	-1.7	-1.8	0.4	-1.5	-2.5
Single-Family	23.303	23.342	23.345	23.381	23.424	23.513	23.691	23.852
% Ch, Annual Rate	4.9	0.7	0.1	0.6	0.7	1.5	3.1	2.8
Multi-Family	19.514	19.079	18.850	18.635	18.403	18.356	18.024	17.598
% Ch, Annual Rate	-0.2	-8.6	-4.7	-4.5	-4.9	-1.0	-7.0	-9.1
30-Year Fixed Mortgage Rate (%)	4.57	4.64	4.70	4.75	4.81	4.85	4.85	4.86

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	151.36	153.07	153.88	154.59	155.36
% Ch	1.8	1.6	1.7	1.5	1.1	0.5	0.5	0.5
Manufacturing	12.35	12.44	12.69	12.84	12.72	12.48	12.45	12.53
% Ch	0.1	0.7	2.0	1.2	-1.0	-1.8	-0.2	0.6
Durable Manufacturing	7.71	7.74	7.94	8.07	8.01	7.86	7.86	7.97
% Ch	-0.7	0.3	2.7	1.5	-0.8	-1.8	0.1	1.4
Wood Products	0.39	0.40	0.41	0.41	0.42	0.43	0.45	0.47
% Ch	2.7	1.1	2.4	0.8	2.2	2.3	5.4	5.0
Primary and Fabricated Metals	1.80	1.80	1.84	1.87	1.83	1.78	1.79	1.85
% Ch	-3.0	0.0	2.7	1.2	-1.7	-3.2	0.9	3.4
Computer and Electronic Products	1.05	1.04	1.06	1.08	1.08	1.08	1.09	1.10
% Ch	-0.5	-0.9	1.6	2.5	-0.4	0.2	1.1	0.9
Machinery and Electrical Equipment	1.46	1.47	1.52	1.55	1.53	1.51	1.53	1.57
% Ch	-3.0	0.4	3.7	1.9	-0.9	-1.4	1.2	2.5
Transportation Equipment	1.63	1.64	1.70	1.73	1.73	1.68	1.62	1.58
% Ch	1.6	0.8	3.6	1.8	-0.5	-2.6	-3.7	-2.6
Other Durables	1.39	1.40	1.42	1.43	1.42	1.38	1.38	1.40
% Ch	1.3	0.9	1.3	0.8	-0.8	-2.3	-0.2	1.2
Nondurable Manufacturing	4.64	4.70	4.74	4.78	4.71	4.62	4.59	4.56
% Ch	1.5	1.3	0.9	0.7	-1.4	-1.8	-0.7	-0.6
Food Manufacturing	1.56	1.60	1.62	1.63	1.63	1.63	1.64	1.65
% Ch	3.0	2.7	1.3	0.8	-0.4	0.2	0.7	0.6
Paper and Paper Products	0.37	0.37	0.37	0.37	0.36	0.35	0.34	0.34
% Ch	-0.5	-1.2	0.2	0.8	-2.9	-3.7	-1.4	-0.4
Other Nondurables	2.71	2.73	2.76	2.78	2.72	2.65	2.61	2.57
% Ch	1.0	0.9	0.8	0.7	-1.8	-2.8	-1.5	-1.3
Natural Resources and Mining	0.67	0.68	0.73	0.75	0.74	0.74	0.76	0.77
% Ch	-17.8	1.1	8.3	2.9	-1.2	0.1	1.8	1.7
Construction	6.73	6.97	7.29	7.49	7.52	7.59	7.73	7.88
% Ch	4.1	3.6	4.6	2.8	0.3	1.0	1.8	2.0
Trade, Transportation, and Utilities	27.20	27.40	27.65	27.84	27.75	27.60	27.36	27.11
% Ch	1.4	0.7	0.9	0.7	-0.3	-0.6	-0.8	-0.9
Wholesale Trade	5.79	5.81	5.85	5.94	5.96	5.98	5.97	5.96
% Ch	0.1	0.5	0.7	1.5	0.3	0.3	-0.1	-0.1
Retail Trade	15.84	15.84	15.82	15.76	15.63	15.49	15.33	15.14
% Ch	1.4	0.0	-0.1	-0.4	-0.8	-0.9	-1.1	-1.2
Trans., Warehousing, and Utilities	5.57	5.75	5.97	6.13	6.16	6.12	6.07	6.01
% Ch	2.6	3.1	3.9	2.6	0.5	-0.6	-1.0	-0.9
Information	2.79	2.81	2.83	2.82	2.86	2.88	2.86	2.92
% Ch	1.6	0.7	0.5	-0.1	1.1	0.9	-0.7	2.1
Publishing Industries	0.73	0.73	0.73	0.74	0.72	0.69	0.67	0.65
% Ch	0.5	-0.2	0.5	0.9	-2.8	-4.4	-3.1	-1.7
Other Information	2.06	2.08	2.09	2.08	2.14	2.19	2.19	2.26
% Ch	1.9	1.0	0.5	-0.4	2.6	2.6	0.0	3.2
Financial Activities	8.29	8.45	8.57	8.67	8.75	8.78	8.76	8.71
% Ch	2.0	2.0	1.4	1.2	0.9	0.4	-0.2	-0.6
Professional and Business Services	20.11	20.51	21.00	21.48	22.37	23.21	23.84	24.50
% Ch	2.1	2.0	2.4	2.3	4.2	3.8	2.7	2.8
Education and Health Services	22.64	23.19	23.67	24.26	24.61	24.73	24.74	24.70
% Ch	2.8	2.4	2.1	2.5	1.4	0.5	0.0	-0.1
Leisure and Hospitality	15.66	16.05	16.35	16.71	17.01	17.11	17.24	17.27
% Ch	3.3	2.5	1.9	2.2	1.8	0.6	0.7	0.2
Other Services	5.69	5.77	5.84	5.94	5.95	5.90	5.84	5.77
% Ch	1.2	1.4	1.3	1.7	0.1	-0.8	-1.1	-1.1
Federal Government	2.79	2.80	2.80	2.82	2.94	2.82	2.82	2.82
% Ch	1.4	0.4	-0.3	0.9	4.4	-4.2	0.0	0.0
State and Local Government	19.44	19.55	19.65	19.73	19.87	20.03	20.20	20.36
% Ch	0.9	0.6	0.5	0.4	0.7	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	151.12	151.61	152.02
% Ch, Annual Rate	1.8	1.9	1.8	1.7	1.7	1.2	1.3	1.1
Manufacturing	12.59	12.66	12.72	12.79	12.83	12.84	12.86	12.84
% Ch, Annual Rate	2.3	2.3	1.9	2.2	1.4	0.3	0.8	-0.7
Durable Manufacturing	7.86	7.92	7.97	8.02	8.06	8.06	8.08	8.07
% Ch, Annual Rate	3.4	3.0	2.7	2.4	1.8	0.2	1.0	-0.7
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	0.2	0.9	-0.3
Primary and Fabricated Metals	1.83	1.84	1.85	1.86	1.87	1.86	1.86	1.87
% Ch, Annual Rate	3.5	3.1	2.7	1.2	2.0	-0.6	0.0	0.9
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	2.6	3.3	-0.9
Machinery and Electrical Equipment	1.49	1.51	1.53	1.54	1.54	1.54	1.55	1.55
% Ch, Annual Rate	3.8	5.3	3.6	2.8	1.6	-0.4	1.3	1.3
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	0.6	0.5	-5.1
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	1.1	0.8
Nondurable Manufacturing	4.73	4.74	4.74	4.77	4.77	4.78	4.78	4.77
% Ch, Annual Rate	0.5	1.0	0.6	1.8	0.7	0.4	0.4	-0.8
Food Manufacturing	1.61	1.62	1.62	1.63	1.63	1.63	1.63	1.63
% Ch, Annual Rate	1.1	1.5	0.6	2.5	0.7	0.3	-0.2	-1.2
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	1.0	-2.0
Other Nondurables	2.75	2.75	2.76	2.77	2.77	2.77	2.78	2.78
% Ch, Annual Rate	0.3	0.7	0.3	1.3	0.7	0.5	0.7	-0.4
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	0.2	-2.8	-3.2
Construction	7.18	7.26	7.33	7.39	7.45	7.49	7.51	7.53
% Ch, Annual Rate	6.7	4.8	4.0	3.1	3.2	2.3	1.4	0.6
Trade, Transportation, and Utilities	27.55	27.61	27.68	27.76	27.82	27.81	27.84	27.87
% Ch, Annual Rate	1.2	0.9	0.9	1.2	0.9	-0.2	0.4	0.4
Wholesale Trade	5.83	5.83	5.86	5.89	5.92	5.93	5.95	5.96
% Ch, Annual Rate	0.5	-0.1	2.4	1.8	1.9	1.1	1.0	1.0
Retail Trade	15.83	15.84	15.82	15.81	15.82	15.78	15.75	15.72
% Ch, Annual Rate	0.2	0.3	-0.5	-0.1	0.1	-1.0	-0.6	-0.9
Trans., Warehousing, and Utilities	5.90	5.95	5.99	6.06	6.09	6.10	6.14	6.19
% Ch, Annual Rate	4.4	3.5	3.2	4.4	2.1	0.8	2.4	3.2
Information	2.82	2.83	2.83	2.83	2.81	2.82	2.83	2.83
% Ch, Annual Rate	-0.1	2.1	-0.5	0.4	-2.5	0.7	2.0	0.3
Publishing Industries	0.73	0.73	0.73	0.73	0.73	0.74	0.74	0.74
% Ch, Annual Rate	0.8	0.4	0.6	0.1	0.2	2.8	1.8	-0.5
Other Information	2.08	2.10	2.09	2.10	2.08	2.08	2.09	2.09
% Ch, Annual Rate	-0.4	2.6	-0.9	0.5	-3.4	0.0	2.1	0.5
Financial Activities	8.52	8.55	8.58	8.61	8.63	8.66	8.68	8.72
% Ch, Annual Rate	1.4	1.5	1.4	1.4	0.7	1.3	1.1	1.9
Professional and Business Services	20.77	20.93	21.07	21.22	21.30	21.41	21.55	21.66
% Ch, Annual Rate	2.2	3.0	2.8	2.8	1.6	2.1	2.6	2.0
Education and Health Services	23.48	23.59	23.74	23.86	24.02	24.18	24.33	24.50
% Ch, Annual Rate	2.3	1.9	2.6	2.0	2.7	2.8	2.5	2.7
Leisure and Hospitality	16.23	16.30	16.38	16.50	16.66	16.70	16.73	16.75
% Ch, Annual Rate	1.5	1.8	2.0	2.9	3.9	1.0	0.7	0.6
Other Services	5.81	5.84	5.85	5.87	5.90	5.93	5.96	5.99
% Ch, Annual Rate	0.8	2.2	0.8	1.2	1.8	2.3	1.7	2.4
Federal Government	2.79	2.79	2.80	2.80	2.80	2.81	2.84	2.83
% Ch, Annual Rate	-0.8	0.1	0.4	0.5	0.2	1.9	3.5	-1.6
State and Local Government	19.60	19.64	19.69	19.68	19.71	19.71	19.73	19.76
% Ch, Annual Rate	0.4	0.8	0.9	0.0	0.4	0.1	0.5	0.6

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	152.55	153.19	153.21	153.35	153.57	153.80	153.99	154.17
% Ch, Annual Rate	1.4	1.7	0.1	0.4	0.6	0.6	0.5	0.5
Manufacturing	12.87	12.78	12.64	12.57	12.50	12.49	12.48	12.46
% Ch, Annual Rate	1.0	-3.0	-4.1	-2.2	-2.4	-0.3	-0.3	-0.6
Durable Manufacturing	8.10	8.05	7.96	7.92	7.86	7.86	7.86	7.85
% Ch, Annual Rate	1.7	-2.8	-4.3	-1.9	-2.9	0.1	-0.2	-0.4
Wood Products	0.42	0.42	0.42	0.42	0.42	0.43	0.43	0.44
% Ch, Annual Rate	8.3	1.1	-1.7	1.6	1.3	5.7	3.5	4.4
Primary and Fabricated Metals	1.87	1.85	1.82	1.80	1.78	1.78	1.77	1.77
% Ch, Annual Rate	0.2	-4.5	-6.1	-3.9	-4.5	-1.2	-0.8	-0.1
Computer and Electronic Products	1.09	1.08	1.07	1.07	1.07	1.08	1.08	1.09
% Ch, Annual Rate	-0.4	-2.4	-1.7	-0.3	0.2	1.5	1.6	1.3
Machinery and Electrical Equipment	1.56	1.54	1.52	1.51	1.51	1.51	1.51	1.51
% Ch, Annual Rate	1.6	-4.8	-5.3	-1.6	-1.5	1.0	0.4	0.5
Transportation Equipment	1.73	1.74	1.72	1.71	1.69	1.69	1.68	1.66
% Ch, Annual Rate	3.9	0.0	-3.5	-1.6	-5.1	-1.1	-1.6	-3.5
Other Durables	1.44	1.42	1.41	1.40	1.39	1.39	1.38	1.38
% Ch, Annual Rate	1.0	-3.1	-4.6	-2.4	-3.0	-0.8	-0.9	-1.0
Nondurable Manufacturing	4.77	4.73	4.68	4.65	4.64	4.63	4.62	4.61
% Ch, Annual Rate	-0.2	-3.5	-3.8	-2.6	-1.5	-0.8	-0.5	-0.9
Food Manufacturing	1.64	1.63	1.62	1.62	1.62	1.63	1.63	1.64
% Ch, Annual Rate	2.5	-2.1	-2.3	-0.9	1.4	1.1	1.3	0.7
Paper and Paper Products	0.37	0.36	0.36	0.35	0.35	0.35	0.35	0.34
% Ch, Annual Rate	-1.8	-5.9	-6.1	-5.0	-3.9	-1.9	-1.6	-1.8
Other Nondurables	2.77	2.74	2.71	2.68	2.67	2.65	2.64	2.63
% Ch, Annual Rate	-1.6	-3.9	-4.4	-3.3	-2.9	-1.8	-1.5	-1.7
Natural Resources and Mining	0.74	0.74	0.74	0.74	0.74	0.74	0.74	0.75
% Ch, Annual Rate	-0.9	-0.5	1.0	-1.5	-0.2	0.6	0.9	2.3
Construction	7.52	7.51	7.51	7.53	7.55	7.57	7.60	7.63
% Ch, Annual Rate	-0.6	-0.3	0.0	1.1	1.2	1.1	1.3	1.8
Trade, Transportation, and Utilities	27.78	27.76	27.76	27.71	27.69	27.64	27.56	27.51
% Ch, Annual Rate	-1.2	-0.4	0.0	-0.6	-0.4	-0.7	-1.1	-0.7
Wholesale Trade	5.96	5.96	5.96	5.97	5.98	5.98	5.98	5.98
% Ch, Annual Rate	-0.5	-0.1	0.6	0.4	0.7	0.1	-0.2	-0.2
Retail Trade	15.66	15.64	15.64	15.60	15.56	15.52	15.46	15.43
% Ch, Annual Rate	-1.5	-0.4	-0.1	-1.0	-0.9	-1.0	-1.5	-0.8
Trans., Warehousing, and Utilities	6.17	6.16	6.16	6.15	6.14	6.13	6.12	6.10
% Ch, Annual Rate	-1.1	-0.7	-0.2	-0.6	-0.2	-0.7	-1.0	-1.1
Information	2.83	2.84	2.87	2.88	2.90	2.89	2.88	2.86
% Ch, Annual Rate	-0.8	1.9	4.5	1.1	2.1	-1.3	-1.4	-2.2
Publishing Industries	0.73	0.72	0.71	0.71	0.70	0.69	0.68	0.68
% Ch, Annual Rate	-5.4	-5.1	-4.4	-4.2	-4.4	-4.5	-4.2	-3.8
Other Information	2.10	2.12	2.16	2.17	2.20	2.20	2.19	2.18
% Ch, Annual Rate	0.9	4.5	7.7	2.9	4.3	-0.2	-0.5	-1.7
Financial Activities	8.70	8.74	8.77	8.78	8.78	8.78	8.78	8.78
% Ch, Annual Rate	-0.7	1.7	1.6	0.2	0.3	-0.3	0.1	-0.1
Professional and Business Services	22.03	22.29	22.46	22.71	22.97	23.15	23.30	23.44
% Ch, Annual Rate	7.0	4.8	3.2	4.4	4.7	3.2	2.5	2.6
Education and Health Services	24.55	24.58	24.63	24.67	24.72	24.73	24.74	24.75
% Ch, Annual Rate	0.9	0.5	0.8	0.6	0.9	0.1	0.2	0.1
Leisure and Hospitality	16.88	16.99	17.08	17.08	17.02	17.07	17.15	17.20
% Ch, Annual Rate	3.0	2.6	2.2	0.1	-1.5	1.2	1.9	1.3
Other Services	5.96	5.95	5.95	5.93	5.92	5.91	5.89	5.87
% Ch, Annual Rate	-1.8	-0.9	-0.3	-1.1	-0.4	-0.9	-1.2	-1.2
Federal Government	2.87	3.17	2.91	2.82	2.82	2.82	2.82	2.82
% Ch, Annual Rate	6.7	48.8	-29.0	-12.2	0.0	0.0	0.0	0.0
State and Local Government	19.80	19.84	19.89	19.93	19.97	20.01	20.05	20.09
% Ch, Annual Rate	0.8	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	154.33	154.50	154.68	154.85	155.12	155.33	155.43	155.53
% Ch, Annual Rate	0.4	0.4	0.5	0.5	0.7	0.5	0.3	0.3
Manufacturing	12.45	12.44	12.45	12.47	12.51	12.53	12.55	12.55
% Ch, Annual Rate	-0.2	-0.3	0.2	0.6	1.3	0.9	0.4	0.0
Durable Manufacturing	7.85	7.85	7.86	7.89	7.93	7.96	7.98	8.00
% Ch, Annual Rate	0.1	-0.1	0.6	1.2	2.1	1.7	1.2	0.8
Wood Products	0.44	0.45	0.45	0.46	0.47	0.47	0.48	0.48
% Ch, Annual Rate	5.9	5.7	6.4	6.6	5.4	4.5	2.6	2.5
Primary and Fabricated Metals	1.78	1.78	1.79	1.81	1.83	1.84	1.86	1.87
% Ch, Annual Rate	1.3	1.3	2.3	3.2	4.0	4.2	3.4	2.8
Computer and Electronic Products	1.09	1.09	1.09	1.10	1.10	1.10	1.10	1.10
% Ch, Annual Rate	1.3	0.5	0.8	1.1	1.1	1.0	0.7	0.4
Machinery and Electrical Equipment	1.52	1.52	1.53	1.54	1.55	1.56	1.57	1.58
% Ch, Annual Rate	1.3	1.2	2.2	2.9	3.2	2.6	1.9	1.7
Transportation Equipment	1.65	1.63	1.61	1.59	1.59	1.58	1.57	1.56
% Ch, Annual Rate	-4.3	-4.9	-4.3	-3.8	-0.8	-2.4	-1.6	-2.3
Other Durables	1.38	1.38	1.38	1.39	1.39	1.40	1.40	1.40
% Ch, Annual Rate	0.0	0.0	0.8	1.4	1.6	1.7	0.7	0.5
Nondurable Manufacturing	4.60	4.59	4.59	4.58	4.58	4.57	4.56	4.55
% Ch, Annual Rate	-0.8	-0.7	-0.6	-0.5	-0.2	-0.5	-1.1	-1.2
Food Manufacturing	1.64	1.64	1.64	1.65	1.65	1.65	1.65	1.65
% Ch, Annual Rate	0.6	0.7	0.5	0.6	1.0	0.7	0.0	-0.2
Paper and Paper Products	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
% Ch, Annual Rate	-1.7	-1.2	-0.7	-0.4	0.2	-0.2	-0.8	-1.0
Other Nondurables	2.62	2.61	2.60	2.60	2.59	2.58	2.57	2.56
% Ch, Annual Rate	-1.6	-1.4	-1.3	-1.2	-0.9	-1.3	-1.8	-1.9
Natural Resources and Mining	0.75	0.76	0.76	0.76	0.77	0.77	0.77	0.77
% Ch, Annual Rate	1.4	2.2	2.5	2.1	1.4	1.2	1.7	1.4
Construction	7.67	7.71	7.74	7.78	7.82	7.86	7.90	7.94
% Ch, Annual Rate	2.1	1.9	1.9	1.9	2.1	2.1	2.0	2.2
Trade, Transportation, and Utilities	27.46	27.40	27.33	27.26	27.22	27.16	27.08	27.00
% Ch, Annual Rate	-0.6	-0.9	-1.0	-1.0	-0.6	-1.0	-1.2	-1.2
Wholesale Trade	5.98	5.97	5.97	5.97	5.97	5.97	5.96	5.96
% Ch, Annual Rate	0.0	-0.3	0.0	0.0	-0.3	0.0	-0.1	0.0
Retail Trade	15.40	15.36	15.30	15.24	15.23	15.17	15.11	15.04
% Ch, Annual Rate	-0.8	-1.1	-1.5	-1.5	-0.4	-1.4	-1.7	-1.7
Trans., Warehousing, and Utilities	6.09	6.07	6.06	6.05	6.03	6.02	6.00	5.99
% Ch, Annual Rate	-0.9	-1.1	-0.8	-0.8	-1.2	-0.8	-0.9	-0.8
Information	2.86	2.85	2.86	2.87	2.88	2.91	2.93	2.95
% Ch, Annual Rate	-0.4	-0.6	0.6	1.1	2.3	3.6	3.4	3.0
Publishing Industries	0.67	0.67	0.66	0.66	0.66	0.66	0.65	0.65
% Ch, Annual Rate	-2.9	-2.4	-2.0	-1.7	-1.8	-1.2	-1.3	-1.3
Other Information	2.19	2.19	2.19	2.20	2.22	2.25	2.28	2.30
% Ch, Annual Rate	0.4	0.0	1.4	1.9	3.6	5.0	4.8	4.2
Financial Activities	8.77	8.76	8.75	8.75	8.73	8.71	8.70	8.69
% Ch, Annual Rate	-0.2	-0.4	-0.4	-0.4	-0.9	-0.6	-0.6	-0.4
Professional and Business Services	23.61	23.77	23.92	24.07	24.32	24.47	24.56	24.66
% Ch, Annual Rate	2.8	2.7	2.7	2.5	4.2	2.4	1.5	1.5
Education and Health Services	24.75	24.74	24.73	24.73	24.71	24.71	24.70	24.69
% Ch, Annual Rate	0.0	-0.2	0.0	0.0	-0.3	0.0	-0.2	-0.1
Leisure and Hospitality	17.19	17.23	17.26	17.27	17.25	17.27	17.27	17.28
% Ch, Annual Rate	-0.3	1.0	0.6	0.3	-0.5	0.4	0.1	0.1
Other Services	5.86	5.84	5.83	5.81	5.79	5.78	5.76	5.76
% Ch, Annual Rate	-1.0	-1.1	-1.0	-1.1	-1.5	-1.0	-0.8	-0.7
Federal Government	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
State and Local Government	20.14	20.18	20.22	20.26	20.30	20.34	20.38	20.43
% 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	3,242.8	3,321.2	3,404.2	3,469.0	3,529.6	3,569.1	3,604.9	3,640.3
% Ch	3.1	2.4	2.5	1.9	1.7	1.1	1.0	1.0
Manufacturing	290.4	284.2	287.5	295.3	294.9	293.0	295.0	298.7
% Ch	-0.7	-2.1	1.2	2.7	-0.2	-0.6	0.7	1.2
Durable Manufacturing	207.7	200.3	202.1	207.7	207.8	206.8	208.7	212.0
% Ch	-1.7	-3.5	0.9	2.8	0.0	-0.5	0.9	1.6
Wood Products	13.1	12.9	13.0	13.2	13.3	13.3	13.6	13.9
% Ch	-1.6	-1.7	0.9	1.7	0.6	-0.2	2.5	2.2
Primary and Fabricated Metals	25.2	25.1	26.1	26.6	26.2	25.3	25.5	26.4
% Ch	-2.0	-0.6	4.0	2.1	-1.7	-3.4	0.9	3.6
Computer and Electronic Products	20.1	19.6	19.8	19.9	19.9	20.2	20.8	21.4
% Ch	0.7	-2.3	0.8	0.4	0.1	1.4	3.0	2.7
Machinery and Electrical Equipment	20.5	20.7	21.3	21.0	20.9	21.1	22.0	23.5
% Ch	-1.2	1.0	2.8	-1.1	-0.8	0.9	4.7	6.6
Aerospace	91.0	84.2	84.0	88.9	89.9	89.9	89.9	89.9
% Ch	-3.2	-7.5	-0.3	5.9	1.1	0.0	0.0	0.0
Other Transportation Equip.	10.2	10.2	9.9	9.8	9.4	9.1	8.8	8.5
% Ch	-0.9	0.1	-3.1	-0.8	-4.1	-3.3	-3.2	-2.7
Other Durables	27.6	27.7	28.1	28.3	28.3	28.0	28.0	28.3
% Ch	1.2	0.2	1.6	0.8	-0.2	-0.9	0.1	1.1
Nondurable Manufacturing	82.7	83.9	85.5	87.6	87.1	86.3	86.4	86.7
% Ch	2.0	1.4	1.9	2.5	-0.6	-1.0	0.1	0.3
Food Manufacturing	37.6	38.0	38.9	39.9	39.7	39.4	39.4	39.3
% Ch	1.9	1.3	2.3	2.6	-0.5	-0.6	-0.1	-0.3
Paper and Paper Products	7.8	7.7	7.6	7.5	7.1	6.7	6.6	6.5
% Ch	-3.5	-0.2	-1.8	-1.0	-5.5	-5.3	-2.6	-1.4
Other Nondurables	37.4	38.1	39.0	40.2	40.3	40.1	40.4	40.9
% Ch	3.4	1.9	2.2	3.1	0.3	-0.5	0.8	1.2
Natural Resources and Mining	6.3	6.2	6.3	6.0	6.1	6.1	6.1	6.1
% Ch	-0.8	-1.0	1.5	-4.2	1.1	-0.8	0.0	0.7
Construction	186.6	199.8	213.4	217.3	214.8	211.8	210.5	209.9
% Ch	7.7	7.0	6.8	1.9	-1.2	-1.4	-0.6	-0.3
Trade, Transportation, and Utilities	605.7	624.6	637.2	643.5	647.4	649.7	649.6	648.5
% Ch	3.1	3.1	2.0	1.0	0.6	0.3	0.0	-0.2
Wholesale Trade	132.1	133.3	136.4	138.9	140.1	141.0	141.4	141.7
% Ch	0.6	0.9	2.3	1.9	0.8	0.7	0.3	0.2
Retail Trade	365.2	378.7	386.2	389.1	391.1	392.6	392.7	392.0
% Ch	3.2	3.7	2.0	0.7	0.5	0.4	0.0	-0.2
Electronic Shopping and Mail-Order	38.2	49.7	54.8	59.5	62.6	64.9	66.8	68.5
% Ch	26.6	30.1	10.2	8.7	5.1	3.8	3.0	2.5
Other Retail Trade	327.0	329.0	331.4	329.5	328.5	327.6	325.9	323.4
% Ch	1.0	0.6	0.7	-0.6	-0.3	-0.3	-0.5	-0.8
Trans., Warehousing, and Utilities	108.4	112.6	114.6	115.5	116.3	116.1	115.4	114.8
% Ch	6.0	3.8	1.9	0.7	0.7	-0.2	-0.5	-0.5
Information	121.4	126.3	133.6	142.2	146.5	148.4	148.7	152.2
% Ch	6.2	4.1	5.8	6.4	3.0	1.3	0.2	2.4
Software Publishers	58.9	61.4	65.3	70.1	71.7	72.4	73.3	74.5
% Ch	5.3	4.2	6.4	7.3	2.3	0.9	1.3	1.6
Other Publishing Industries	5.9	5.5	5.1	4.7	4.1	3.5	3.0	2.6
% Ch	-4.0	-6.8	-7.7	-7.9	-11.8	-15.3	-14.2	-12.4
Other Information	56.5	59.4	63.2	67.4	70.7	72.6	72.4	75.1
% Ch	8.4	5.0	6.4	6.7	4.8	2.7	-0.3	3.8
Financial Activities	151.0	154.0	157.5	158.4	159.7	159.5	158.3	156.4
% Ch	2.1	2.0	2.3	0.6	0.8	-0.1	-0.8	-1.2
Professional and Business Services	401.5	413.4	426.1	437.8	457.6	476.3	491.3	506.6
% Ch	3.5	3.0	3.1	2.7	4.5	4.1	3.2	3.1
Education and Health Services	463.5	475.6	491.4	503.9	515.0	522.1	526.9	530.7
% Ch	3.4	2.6	3.3	2.5	2.2	1.4	0.9	0.7
Leisure and Hospitality	323.3	331.5	342.3	349.4	357.0	361.3	365.6	368.0
% Ch	4.3	2.6	3.3	2.1	2.2	1.2	1.2	0.7
Other Services	117.6	119.7	121.7	126.6	129.4	131.2	132.9	134.3
% Ch	2.3	1.8	1.7	4.0	2.2	1.4	1.2	1.1
Federal Government	74.5	74.8	74.7	76.9	80.1	78.1	78.4	78.8
% Ch	1.9	0.4	-0.2	2.9	4.2	-2.5	0.5	0.4
State and Local Government	501.1	511.0	512.4	511.6	521.1	531.5	541.6	550.1
% Ch	2.5	2.0	0.3	-0.2	1.9	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	3,381.6	3,394.3	3,411.1	3,430.0	3,441.2	3,460.5	3,480.3	3,493.9
% Ch, Annual Rate	3.8	1.5	2.0	2.2	1.3	2.3	2.3	1.6
Manufacturing	284.8	285.9	288.0	291.4	293.8	294.4	296.6	296.5
% Ch, Annual Rate	3.2	1.5	3.0	4.8	3.3	0.8	3.1	-0.2
Durable Manufacturing	199.6	200.9	202.8	204.9	206.6	207.1	208.6	208.6
% Ch, Annual Rate	2.8	2.5	3.8	4.3	3.4	0.8	3.0	0.1
Wood Products	13.1	13.0	12.9	12.9	13.1	13.2	13.3	13.2
% Ch, Annual Rate	4.0	-1.5	-3.1	0.9	4.6	4.1	2.6	-2.4
Primary and Fabricated Metals	25.7	26.1	26.2	26.3	26.6	26.6	26.6	26.7
% Ch, Annual Rate	9.7	5.4	1.8	2.4	3.8	0.5	-0.1	1.1
Computer and Electronic Products	19.7	19.7	19.9	19.9	19.7	19.8	20.0	20.0
% Ch, Annual Rate	1.7	0.0	2.5	0.0	-3.8	2.7	4.5	-0.2
Machinery and Electrical Equipment	21.1	21.2	21.3	21.5	21.8	20.9	20.7	20.9
% Ch, Annual Rate	1.3	2.3	1.5	4.6	4.3	-15.7	-3.6	4.6
Aerospace	82.3	83.0	84.6	86.0	87.2	88.6	89.9	89.9
% Ch, Annual Rate	2.3	3.6	8.0	7.0	5.6	6.6	6.0	0.0
Other Transportation Equip.	9.8	9.8	9.9	10.0	9.8	9.8	9.8	9.7
% Ch, Annual Rate	-6.5	0.2	2.7	5.9	-6.6	-0.3	-0.4	-6.1
Other Durables	28.0	28.1	28.1	28.2	28.5	28.2	28.3	28.3
% Ch, Annual Rate	3.0	1.6	-0.2	2.2	4.2	-4.9	1.6	-0.2
Nondurable Manufacturing	85.2	85.0	85.2	86.5	87.1	87.3	88.0	87.9
% Ch, Annual Rate	4.0	-0.8	1.2	5.9	3.2	0.8	3.3	-0.7
Food Manufacturing	39.0	38.6	38.7	39.4	39.8	39.7	40.1	39.9
% Ch, Annual Rate	8.3	-4.4	1.0	8.2	4.0	-0.8	4.2	-1.9
Paper and Paper Products	7.6	7.6	7.6	7.6	7.6	7.6	7.4	7.4
% Ch, Annual Rate	-1.9	0.4	-2.8	-1.0	4.2	0.2	-10.1	-3.1
Other Nondurables	38.5	38.8	39.0	39.5	39.7	39.9	40.4	40.5
% Ch, Annual Rate	1.1	2.6	2.3	4.9	2.2	2.5	5.1	0.9
Natural Resources and Mining	6.3	6.3	6.3	6.2	6.2	6.0	6.0	6.0
% Ch, Annual Rate	5.8	0.5	0.5	-5.8	-5.1	-10.2	-0.9	2.4
Construction	209.7	211.9	213.7	218.3	216.1	218.1	217.9	217.3
% Ch, Annual Rate	10.5	4.4	3.5	8.8	-3.9	3.7	-0.4	-1.1
Trade, Transportation, and Utilities	636.8	636.2	637.8	638.2	641.5	642.9	643.7	645.8
% Ch, Annual Rate	4.0	-0.4	1.0	0.2	2.1	0.9	0.5	1.3
Wholesale Trade	135.6	136.2	136.7	137.1	138.4	138.7	139.0	139.6
% Ch, Annual Rate	5.0	1.8	1.5	1.2	4.0	0.9	0.8	1.6
Retail Trade	386.8	385.4	386.4	386.2	388.8	388.9	389.0	389.7
% Ch, Annual Rate	5.0	-1.4	1.0	-0.2	2.7	0.1	0.1	0.7
Electronic Shopping and Mail-Order	54.3	54.3	54.2	56.2	58.4	59.0	59.9	60.8
% Ch	6.8	0.1	-0.8	15.4	16.8	4.0	6.4	5.6
Other Retail Trade	332.5	331.1	332.2	330.0	330.3	329.9	329.0	328.9
% Ch	4.8	-1.6	1.3	-2.6	0.5	-0.5	-1.0	-0.2
Trans., Warehousing, and Utilities	114.4	114.5	114.7	114.9	114.3	115.3	115.8	116.6
% Ch, Annual Rate	-0.3	0.3	0.6	0.7	-2.2	3.5	1.7	2.8
Information	129.9	132.4	135.0	137.1	139.2	141.2	144.0	144.5
% Ch, Annual Rate	5.5	8.1	8.2	6.3	6.1	6.0	8.0	1.7
Software Publishers	63.5	64.7	66.0	67.0	68.3	69.6	71.0	71.4
% Ch, Annual Rate	7.0	7.9	8.0	6.5	7.9	7.8	8.2	1.9
Other Publishing Industries	5.2	5.2	5.1	4.9	4.9	4.7	4.6	4.6
% Ch, Annual Rate	-7.9	-4.7	-6.0	-10.0	-3.9	-17.9	-0.8	-5.8
Other Information	61.2	62.5	64.0	65.1	65.9	66.9	68.3	68.6
% Ch, Annual Rate	5.2	9.4	9.5	7.4	5.0	6.1	8.5	1.9
Financial Activities	156.8	157.8	157.9	157.5	157.4	158.1	158.6	159.4
% Ch, Annual Rate	4.5	2.5	0.1	-1.0	-0.1	1.7	1.4	1.8
Professional and Business Services	422.1	424.1	427.4	430.9	432.5	436.3	439.7	442.7
% Ch, Annual Rate	5.5	2.0	3.2	3.2	1.5	3.5	3.2	2.8
Education and Health Services	486.5	489.2	492.8	497.0	497.8	501.9	505.8	509.8
% Ch, Annual Rate	3.3	2.2	3.0	3.5	0.6	3.4	3.2	3.2
Leisure and Hospitality	339.7	341.1	342.5	346.0	347.3	349.1	350.1	351.2
% Ch, Annual Rate	6.0	1.7	1.5	4.2	1.5	2.1	1.1	1.3
Other Services	120.8	121.3	122.3	122.5	125.0	125.8	127.5	128.2
% Ch, Annual Rate	1.4	1.8	3.1	0.5	8.6	2.6	5.5	2.4
Federal Government	74.7	74.7	74.4	75.0	75.5	76.7	77.8	77.6
% Ch, Annual Rate	-0.7	-0.2	-1.2	3.1	2.5	6.9	5.5	-0.9
State and Local Government	513.5	513.4	512.9	509.9	509.0	510.0	512.6	514.8
% Ch, Annual Rate	-0.4	-0.1	-0.4	-2.3	-0.7	0.8	2.1	1.7

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	3,508.4	3,529.4	3,535.7	3,544.8	3,555.2	3,564.5	3,573.7	3,583.0
% Ch, Annual Rate	1.7	2.4	0.7	1.0	1.2	1.0	1.0	1.0
Manufacturing	297.0	295.6	293.8	293.1	292.5	292.8	293.2	293.5
% Ch, Annual Rate	0.7	-1.9	-2.4	-1.0	-0.8	0.5	0.5	0.4
Durable Manufacturing	209.1	208.2	207.1	206.7	206.3	206.6	206.9	207.2
% Ch, Annual Rate	0.9	-1.7	-2.1	-0.7	-0.9	0.7	0.5	0.6
Wood Products	13.4	13.3	13.2	13.2	13.2	13.3	13.3	13.3
% Ch, Annual Rate	4.9	-1.1	-3.5	-0.7	-1.0	2.7	0.9	1.7
Primary and Fabricated Metals	26.7	26.4	25.9	25.7	25.4	25.3	25.2	25.2
% Ch, Annual Rate	0.2	-4.6	-6.4	-4.1	-4.9	-1.3	-0.8	-0.1
Computer and Electronic Products	20.0	19.9	19.8	19.8	19.9	20.1	20.3	20.4
% Ch, Annual Rate	0.4	-2.7	-1.7	0.7	1.4	3.5	3.7	3.4
Machinery and Electrical Equipment	21.2	20.9	20.7	20.7	20.7	21.0	21.2	21.3
% Ch, Annual Rate	5.2	-4.2	-4.9	0.7	0.7	4.4	3.5	3.6
Aerospace	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Transportation Equip.	9.6	9.4	9.3	9.2	9.1	9.1	9.1	9.0
% Ch, Annual Rate	-4.0	-5.2	-5.7	-2.9	-4.7	-0.9	-1.4	-3.2
Other Durables	28.4	28.3	28.2	28.2	28.1	28.0	28.0	28.0
% Ch, Annual Rate	1.2	-0.6	-1.3	-0.8	-1.6	-0.5	-0.5	-0.2
Nondurable Manufacturing	88.0	87.4	86.7	86.3	86.2	86.2	86.3	86.3
% Ch, Annual Rate	0.4	-2.6	-3.1	-1.8	-0.4	0.0	0.3	0.0
Food Manufacturing	40.1	39.8	39.5	39.4	39.4	39.4	39.5	39.5
% Ch, Annual Rate	1.5	-2.8	-2.9	-1.6	0.5	0.3	0.5	-0.2
Paper and Paper Products	7.3	7.2	7.0	6.9	6.8	6.8	6.7	6.7
% Ch, Annual Rate	-2.9	-7.8	-8.1	-6.7	-5.5	-3.2	-2.8	-3.0
Other Nondurables	40.5	40.4	40.1	40.0	40.0	40.0	40.1	40.2
% Ch, Annual Rate	0.0	-1.5	-2.3	-1.0	-0.5	0.3	0.7	0.7
Natural Resources and Mining	6.1	6.1	6.1	6.1	6.1	6.1	6.0	6.0
% Ch, Annual Rate	5.0	2.6	-1.5	-1.1	-1.0	-1.2	-0.5	-0.5
Construction	215.8	215.2	214.5	213.7	212.8	211.8	211.3	211.2
% Ch, Annual Rate	-2.6	-1.1	-1.4	-1.4	-1.7	-1.8	-0.9	-0.3
Trade, Transportation, and Utilities	645.7	646.8	648.4	648.9	649.6	649.8	649.5	649.7
% Ch, Annual Rate	-0.1	0.7	0.9	0.3	0.4	0.1	-0.2	0.1
Wholesale Trade	139.6	139.9	140.2	140.5	140.8	141.0	141.1	141.2
% Ch, Annual Rate	0.2	0.7	1.1	0.8	0.9	0.4	0.3	0.3
Retail Trade	389.8	390.7	391.8	392.1	392.5	392.7	392.4	392.7
% Ch, Annual Rate	0.1	1.0	1.1	0.3	0.4	0.2	-0.3	0.3
Electronic Shopping and Mail-Order	61.5	62.3	62.9	63.5	64.1	64.7	65.2	65.7
% Ch	5.1	4.7	4.3	4.0	3.7	3.5	3.3	3.1
Other Retail Trade	328.2	328.5	328.9	328.6	328.3	328.0	327.2	327.0
% Ch	-0.8	0.3	0.5	-0.4	-0.3	-0.4	-0.9	-0.2
Trans., Warehousing, and Utilities	116.3	116.3	116.3	116.3	116.3	116.2	116.0	115.8
% Ch, Annual Rate	-0.9	-0.1	0.2	-0.2	0.1	-0.4	-0.6	-0.7
Information	144.9	146.0	147.4	147.9	148.7	148.6	148.4	148.1
% Ch, Annual Rate	0.9	3.0	3.9	1.4	2.2	-0.3	-0.4	-0.9
Software Publishers	71.5	71.6	71.8	71.9	72.1	72.3	72.4	72.6
% Ch, Annual Rate	0.6	0.7	0.9	1.0	0.9	0.9	1.0	1.1
Other Publishing Industries	4.4	4.2	4.0	3.9	3.7	3.6	3.4	3.3
% Ch, Annual Rate	-15.4	-15.3	-14.5	-14.5	-15.3	-16.1	-15.8	-15.6
Other Information	69.0	70.1	71.6	72.1	72.9	72.7	72.6	72.2
% Ch, Annual Rate	2.4	6.7	8.2	2.8	4.5	-0.6	-1.0	-2.2
Financial Activities	158.9	159.6	160.1	160.0	159.9	159.6	159.4	159.2
% Ch, Annual Rate	-1.2	1.7	1.5	-0.2	-0.3	-0.9	-0.4	-0.6
Professional and Business Services	450.1	455.6	459.7	465.0	470.4	474.6	478.2	481.8
% Ch, Annual Rate	6.8	5.0	3.6	4.6	4.8	3.6	3.0	3.0
Education and Health Services	512.1	513.9	516.0	517.9	520.1	521.5	522.9	524.2
% Ch, Annual Rate	1.8	1.4	1.6	1.5	1.7	1.1	1.1	1.0
Leisure and Hospitality	353.9	356.4	358.5	359.3	359.0	360.4	362.2	363.7
% Ch, Annual Rate	3.1	2.8	2.5	0.8	-0.4	1.6	2.1	1.6
Other Services	128.7	129.2	129.7	130.1	130.6	131.0	131.5	131.9
% Ch, Annual Rate	1.4	1.5	1.6	1.4	1.5	1.4	1.3	1.3
Federal Government	78.1	85.3	79.2	77.9	77.9	78.0	78.1	78.2
% Ch, Annual Rate	2.3	42.8	-25.7	-6.7	0.5	0.5	0.5	0.5
State and Local Government	517.2	519.7	522.4	525.0	527.6	530.2	532.9	535.5
% Ch, Annual Rate	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0

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	3,591.7	3,600.7	3,609.2	3,617.9	3,628.2	3,637.4	3,644.3	3,651.1
% Ch, Annual Rate	1.0	1.0	1.0	1.0	1.2	1.0	0.8	0.7
Manufacturing	294.0	294.6	295.3	296.3	297.4	298.4	299.1	299.7
% Ch, Annual Rate	0.7	0.7	1.0	1.3	1.5	1.4	0.9	0.8
Durable Manufacturing	207.7	208.2	208.9	209.8	210.8	211.7	212.4	213.1
% Ch, Annual Rate	1.0	0.9	1.3	1.7	1.9	1.8	1.4	1.2
Wood Products	13.4	13.5	13.6	13.8	13.8	13.9	13.9	13.9
% Ch, Annual Rate	2.9	2.8	3.3	3.5	2.5	1.7	0.2	0.0
Primary and Fabricated Metals	25.3	25.4	25.5	25.8	26.0	26.3	26.6	26.8
% Ch, Annual Rate	1.3	1.4	2.5	3.4	4.4	4.6	3.7	3.0
Computer and Electronic Products	20.6	20.7	20.9	21.0	21.2	21.3	21.4	21.5
% Ch, Annual Rate	3.3	2.0	2.5	2.9	3.1	2.8	2.5	1.8
Machinery and Electrical Equipment	21.6	21.8	22.2	22.6	23.0	23.4	23.7	24.0
% Ch, Annual Rate	4.8	4.7	6.2	7.2	7.6	6.8	5.7	5.4
Aerospace	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Transportation Equip.	8.9	8.8	8.7	8.7	8.6	8.6	8.5	8.5
% Ch, Annual Rate	-4.1	-3.9	-3.5	-2.4	-2.3	-2.6	-2.6	-2.5
Other Durables	28.0	28.0	28.1	28.1	28.2	28.3	28.4	28.5
% Ch, Annual Rate	0.3	0.3	0.7	0.9	1.3	1.5	1.2	1.2
Nondurable Manufacturing	86.3	86.3	86.4	86.5	86.6	86.7	86.7	86.6
% Ch, Annual Rate	0.0	0.2	0.3	0.4	0.7	0.4	-0.2	-0.3
Food Manufacturing	39.4	39.4	39.4	39.4	39.4	39.4	39.3	39.2
% Ch, Annual Rate	-0.3	-0.2	-0.3	-0.2	0.1	-0.1	-0.8	-1.0
Paper and Paper Products	6.6	6.6	6.5	6.5	6.5	6.5	6.5	6.4
% Ch, Annual Rate	-2.9	-2.3	-1.8	-1.4	-0.7	-1.2	-1.9	-2.1
Other Nondurables	40.2	40.3	40.5	40.6	40.7	40.9	41.0	41.0
% Ch, Annual Rate	0.8	1.0	1.2	1.3	1.5	1.2	0.8	0.6
Natural Resources and Mining	6.0	6.0	6.1	6.1	6.1	6.1	6.1	6.1
% Ch, Annual Rate	0.1	0.5	0.7	1.1	0.4	0.9	0.4	0.8
Construction	210.8	210.7	210.3	210.0	209.9	209.9	209.8	209.9
% Ch, Annual Rate	-0.8	-0.2	-0.8	-0.5	-0.2	-0.1	0.0	0.0
Trade, Transportation, and Utilities	650.0	649.8	649.4	649.1	649.3	648.9	648.2	647.5
% Ch, Annual Rate	0.1	-0.1	-0.2	-0.2	0.2	-0.2	-0.4	-0.4
Wholesale Trade	141.3	141.3	141.5	141.6	141.6	141.7	141.8	141.9
% Ch, Annual Rate	0.3	0.2	0.3	0.3	0.0	0.3	0.2	0.3
Retail Trade	393.0	393.0	392.6	392.3	392.7	392.4	391.7	391.0
% Ch, Annual Rate	0.3	0.0	-0.4	-0.4	0.5	-0.4	-0.7	-0.7
Electronic Shopping and Mail-Order	66.2	66.6	67.1	67.5	67.9	68.3	68.7	69.1
% Ch	2.9	2.8	2.7	2.6	2.5	2.4	2.4	2.3
Other Retail Trade	326.8	326.4	325.6	324.8	324.8	324.0	323.0	321.9
% Ch	-0.2	-0.6	-1.0	-1.0	0.1	-0.9	-1.3	-1.4
Trans., Warehousing, and Utilities	115.7	115.5	115.3	115.2	115.0	114.9	114.8	114.6
% Ch, Annual Rate	-0.5	-0.6	-0.5	-0.4	-0.8	-0.4	-0.5	-0.4
Information	148.2	148.3	148.8	149.4	150.3	151.6	152.9	154.1
% Ch, Annual Rate	0.4	0.3	1.2	1.6	2.5	3.5	3.4	3.2
Software Publishers	72.9	73.2	73.4	73.7	74.0	74.3	74.6	74.9
% Ch, Annual Rate	1.3	1.5	1.5	1.6	1.6	1.7	1.7	1.7
Other Publishing Industries	3.2	3.1	3.0	2.9	2.8	2.7	2.6	2.5
% Ch, Annual Rate	-14.0	-13.1	-12.5	-12.2	-12.8	-11.6	-12.2	-12.5
Other Information	72.2	72.1	72.4	72.8	73.5	74.6	75.7	76.6
% Ch, Annual Rate	0.2	-0.3	1.4	2.1	4.2	6.0	5.8	5.2
Financial Activities	158.9	158.5	158.1	157.7	157.1	156.6	156.2	155.8
% Ch, Annual Rate	-0.8	-0.9	-1.1	-1.0	-1.6	-1.2	-1.2	-1.0
Professional and Business Services	485.7	489.4	493.2	496.8	502.0	505.6	508.1	510.7
% Ch, Annual Rate	3.2	3.1	3.1	2.9	4.3	2.8	2.0	2.0
Education and Health Services	525.3	526.3	527.4	528.5	529.2	530.3	531.1	532.0
% Ch, Annual Rate	0.9	0.8	0.8	0.8	0.6	0.8	0.6	0.7
Leisure and Hospitality	364.1	365.3	366.2	366.9	367.1	367.8	368.4	368.9
% Ch, Annual Rate	0.4	1.3	1.0	0.8	0.2	0.8	0.6	0.6
Other Services	132.3	132.7	133.1	133.4	133.8	134.1	134.5	134.8
% Ch, Annual Rate	1.3	1.2	1.2	1.1	1.0	1.1	1.0	1.0
Federal Government	78.3	78.4	78.5	78.6	78.6	78.7	78.8	78.9
% Ch, Annual Rate	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4
State and Local Government	538.1	540.5	542.8	545.1	547.3	549.3	551.1	552.8
% Ch, Annual Rate	2.0	1.8	1.7	1.7	1.6	1.5	1.3	1.3

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	18,682.8	19,498.4	20,308.5	21,174.7	22,132.5
% Ch	2.6	4.7	5.6	4.8	4.4	4.2	4.3	4.5
Total Wage and Salary Disbursements	8,083.5	8,462.1	8,888.5	9,370.7	9,842.9	10,290.7	10,766.9	11,297.0
% Ch	2.9	4.7	5.0	5.4	5.0	4.5	4.6	4.9
Nonwage Personal Income	8,037.7	8,416.7	8,930.7	9,312.1	9,655.5	10,017.7	10,407.8	10,835.5
% Ch	2.2	4.7	6.1	4.3	3.7	3.8	3.9	4.1
Supplements to Wages and Salaries	1,876.8	1,949.5	2,040.0	2,127.7	2,231.3	2,337.1	2,444.7	2,549.5
% Ch	1.9	3.9	4.6	4.3	4.9	4.7	4.6	4.3
Proprietor's Income	1,423.7	1,518.2	1,588.8	1,650.4	1,658.1	1,659.9	1,677.9	1,694.7
% Ch	0.1	6.6	4.6	3.9	0.5	0.1	1.1	1.0
Farm	35.6	38.1	27.2	28.8	30.3	37.0	63.7	66.3
% Ch	...	...	...	...	...	...	...	...
Nonfarm	1,388.1	1,480.1	1,561.6	1,621.5	1,627.8	1,622.8	1,614.2	1,628.5
% Ch	1.6	6.6	5.5	3.8	0.4	-0.3	-0.5	0.9
Less: Contribution For Govt. Soc. Ins.	1,239.9	1,299.6	1,356.5	1,430.8	1,497.9	1,557.8	1,624.6	1,700.8
% Ch	2.9	4.8	4.4	5.5	4.7	4.0	4.3	4.7
Dividends/Int./Rent	3,202.8	3,400.4	3,686.9	3,787.1	3,923.9	4,073.9	4,236.7	4,433.2
% Ch	2.7	6.2	8.4	2.7	3.6	3.8	4.0	4.6
Transfer Payments	2,774.2	2,848.1	2,971.5	3,177.8	3,340.1	3,504.7	3,673.1	3,858.8
% Ch	3.4	2.7	4.3	6.9	5.1	4.9	4.8	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	18,600.8	18,776.8	18,998.1
% Ch, Annual Rate	7.4	4.3	4.7	3.5	6.2	5.5	3.8	4.8
Total Wage and Salary Disbursements	8,776.7	8,845.0	8,942.2	8,990.0	9,211.5	9,319.6	9,423.1	9,528.5
% Ch, Annual Rate	6.4	3.2	4.5	2.2	10.2	4.8	4.5	4.6
Nonwage Personal Income	8,763.7	8,879.9	8,986.3	9,092.8	9,143.9	9,281.3	9,353.8	9,469.6
% Ch, Annual Rate	8.4	5.4	4.9	4.8	2.3	6.1	3.2	5.0
Supplements to Wages and Salaries	2,009.4	2,031.1	2,052.0	2,067.4	2,095.1	2,116.5	2,138.3	2,161.1
% Ch, Annual Rate	4.8	4.4	4.2	3.0	5.5	4.2	4.2	4.3
Proprietor's Income	1,567.5	1,573.3	1,590.0	1,624.4	1,621.2	1,632.7	1,652.7	1,694.9
% Ch, Annual Rate	6.5	1.5	4.3	8.9	-0.8	2.9	5.0	10.6
Farm	28.1	27.5	17.4	35.9	24.8	19.8	21.4	49.3
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,539.4	1,545.8	1,572.6	1,588.4	1,596.3	1,612.9	1,631.3	1,645.6
% Ch, Annual Rate	7.7	1.7	7.1	4.1	2.0	4.2	4.7	3.5
Less: Contribution For Govt. Soc. Ins.	1,344.0	1,350.9	1,362.4	1,368.7	1,407.6	1,422.4	1,437.4	1,456.0
% Ch, Annual Rate	6.9	2.1	3.5	1.9	11.9	4.3	4.3	5.3
Dividends/Int./Rent	3,595.4	3,663.3	3,722.9	3,766.1	3,722.2	3,794.8	3,798.7	3,832.7
% Ch, Annual Rate	10.9	7.8	6.7	4.7	-4.6	8.0	0.4	3.6
Transfer Payments	2,935.4	2,963.1	2,983.8	3,003.7	3,113.1	3,159.7	3,201.4	3,236.8
% Ch, Annual Rate	8.1	3.8	2.8	2.7	15.4	6.1	5.4	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	19,202.4	19,405.6	19,597.9	19,787.7	20,005.5	20,207.6	20,406.2	20,614.6
% Ch, Annual Rate	4.4	4.3	4.0	3.9	4.5	4.1	4.0	4.1
Total Wage and Salary Disbursements	9,662.4	9,798.5	9,902.4	10,008.3	10,119.5	10,233.0	10,347.1	10,463.4
% Ch, Annual Rate	5.7	5.8	4.3	4.3	4.5	4.6	4.5	4.6
Nonwage Personal Income	9,540.0	9,607.1	9,695.5	9,779.4	9,886.0	9,974.6	10,059.1	10,151.3
% Ch, Annual Rate	3.0	2.8	3.7	3.5	4.4	3.6	3.4	3.7
Supplements to Wages and Salaries	2,190.8	2,220.4	2,244.8	2,269.4	2,298.4	2,324.2	2,349.9	2,376.1
% Ch, Annual Rate	5.6	5.5	4.5	4.5	5.2	4.6	4.5	4.5
Proprietor's Income	1,669.3	1,651.1	1,655.5	1,656.5	1,657.1	1,658.4	1,659.0	1,664.9
% Ch, Annual Rate	-5.9	-4.3	1.1	0.2	0.1	0.3	0.1	1.4
Farm	39.8	30.0	26.3	25.2	28.0	33.0	39.6	47.5
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,629.4	1,621.1	1,629.2	1,631.4	1,629.1	1,625.4	1,619.4	1,617.4
% Ch, Annual Rate	-3.9	-2.0	2.0	0.5	-0.5	-0.9	-1.5	-0.5
Less: Contribution For Govt. Soc. Ins.	1,477.4	1,492.9	1,504.6	1,516.8	1,536.9	1,550.7	1,564.6	1,579.0
% Ch, Annual Rate	6.0	4.3	3.2	3.3	5.4	3.6	3.6	3.7
Dividends/Int./Rent	3,868.8	3,906.1	3,942.7	3,977.9	4,016.7	4,056.6	4,092.2	4,129.9
% Ch, Annual Rate	3.8	3.9	3.8	3.6	4.0	4.0	3.6	3.7
Transfer Payments	3,288.6	3,322.5	3,357.0	3,392.4	3,450.7	3,486.1	3,522.6	3,559.4
% Ch, Annual Rate	6.6	4.2	4.2	4.3	7.1	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	20,846.4	21,062.1	21,284.3	21,506.1	21,771.5	22,014.2	22,251.4	22,493.1
% Ch, Annual Rate	4.6	4.2	4.3	4.2	5.0	4.5	4.4	4.4
Total Wage and Salary Disbursements	10,582.9	10,703.7	10,827.7	10,953.4	11,093.6	11,232.3	11,364.2	11,498.1
% Ch, Annual Rate	4.6	4.6	4.7	4.7	5.2	5.1	4.8	4.8
Nonwage Personal Income	10,263.5	10,358.4	10,456.6	10,552.8	10,677.9	10,781.9	10,887.1	10,995.0
% Ch, Annual Rate	4.5	3.8	3.8	3.7	4.8	4.0	4.0	4.0
Supplements to Wages and Salaries	2,406.2	2,432.2	2,457.8	2,482.6	2,511.6	2,537.3	2,562.3	2,587.0
% Ch, Annual Rate	5.2	4.4	4.3	4.1	4.8	4.2	4.0	3.9
Proprietor's Income	1,669.0	1,675.7	1,681.5	1,685.4	1,688.9	1,692.3	1,696.3	1,701.3
% Ch, Annual Rate	1.0	1.6	1.4	0.9	0.8	0.8	1.0	1.2
Farm	55.5	62.5	67.3	69.5	69.5	67.9	65.2	62.5
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,613.5	1,613.2	1,614.2	1,615.9	1,619.4	1,624.4	1,631.1	1,638.8
% Ch, Annual Rate	-1.0	-0.1	0.2	0.4	0.9	1.2	1.7	1.9
Less: Contribution For Govt. Soc. Ins.	1,601.2	1,616.5	1,632.3	1,648.3	1,674.2	1,692.4	1,709.5	1,726.9
% Ch, Annual Rate	5.7	3.9	4.0	4.0	6.4	4.4	4.1	4.1
Dividends/Int./Rent	4,169.6	4,211.7	4,258.9	4,306.6	4,355.6	4,407.1	4,458.3	4,511.7
% Ch, Annual Rate	3.9	4.1	4.6	4.6	4.6	4.8	4.7	4.9
Transfer Payments	3,619.9	3,655.3	3,690.7	3,726.5	3,796.0	3,837.6	3,879.7	3,922.0
% Ch, Annual Rate	7.0	4.0	3.9	3.9	7.7	4.4	4.5	4.4

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	458.771	484.650	508.031	531.693	556.694	585.149
% Ch	5.1	6.1	7.0	5.6	4.8	4.7	4.7	5.1
Total Wage and Salary Disbursements	203.300	218.077	237.242	252.372	266.412	279.647	293.512	309.602
% Ch	6.1	7.3	8.8	6.4	5.6	5.0	5.0	5.5
Manufacturing	21.729	21.691	22.816	23.899	24.587	25.419	26.615	28.065
% Ch	-0.3	-0.2	5.2	4.7	2.9	3.4	4.7	5.4
Durable Manufacturing	17.316	17.080	17.955	18.780	19.302	19.979	20.945	22.127
% Ch	-1.6	-1.4	5.1	4.6	2.8	3.5	4.8	5.6
Nondurable Manufacturing	4.413	4.611	4.860	5.119	5.286	5.440	5.670	5.937
% Ch	4.8	4.5	5.4	5.3	3.3	2.9	4.2	4.7
Nonmanufacturing	174.575	189.496	207.216	221.011	234.038	246.111	258.441	272.716
% Ch	7.1	8.5	9.4	6.7	5.9	5.2	5.0	5.5
Other Private Wages	1.193	1.232	1.368	1.339	1.409	1.476	1.544	1.621
% Ch	4.1	3.3	11.0	-2.2	5.3	4.7	4.6	5.0
Farm Wages	1.700	1.467	1.518	1.630	1.750	1.867	1.987	2.123
% Ch	11.5	-13.7	3.5	7.4	7.4	6.6	6.5	6.8
Military Wages	4.103	4.190	4.324	4.493	4.627	4.775	4.924	5.077
% Ch	0.1	2.1	3.2	3.9	3.0	3.2	3.1	3.1
Nonwage Personal Income	200.932	210.688	221.529	232.278	241.619	252.045	263.182	275.547
% Ch	4.1	4.9	5.1	4.9	4.0	4.3	4.4	4.7
Supplements to Wages and Salaries	46.393	48.687	51.588	54.049	56.939	59.773	62.661	65.664
% Ch	5.6	4.9	6.0	4.8	5.3	5.0	4.8	4.8
Proprietor's Income	32.419	35.590	37.368	38.728	38.283	38.209	38.453	38.805
% Ch	-0.2	9.8	5.0	3.6	-1.1	-0.2	0.6	0.9
Farm	2.016	1.922	1.699	1.659	1.048	1.096	1.543	1.587
% Ch	...	...	...	...	...	...	...	...
Nonfarm	30.403	33.667	35.668	37.069	37.234	37.114	36.910	37.218
% Ch	3.1	10.7	5.9	3.9	0.4	-0.3	-0.5	0.8
Less: Contribution For Govt. Soc. Ins.	33.509	36.007	39.030	41.261	43.353	45.144	47.103	49.450
% Ch	4.4	7.5	8.4	5.7	5.1	4.1	4.3	5.0
Plus: Residence Adjustment	4.190	4.301	4.414	4.620	4.897	5.159	5.437	5.748
% Ch	7.8	2.7	2.6	4.7	6.0	5.4	5.4	5.7
Dividends/Int./Rent	91.551	96.125	101.998	105.449	110.057	115.025	120.364	126.645
% Ch	3.8	5.0	6.1	3.4	4.4	4.5	4.6	5.2
Transfer Payments	59.888	61.992	65.190	70.694	74.796	79.023	83.370	88.135
% Ch	5.8	3.5	5.2	8.4	5.8	5.7	5.5	5.7
State U.I. Benefits	0.982	0.975	0.925	0.914	0.961	1.142	1.355	1.566
% Ch	1.2	-0.7	-5.2	-1.2	5.1	18.9	18.6	15.6
Other Transfers	58.906	61.016	64.265	69.780	73.836	77.881	82.015	86.569
% Ch	5.9	3.6	5.3	8.6	5.8	5.5	5.3	5.6

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	450.638	454.871	461.432	468.143	475.359	482.234	487.657	493.351
% Ch, Annual Rate	11.4	3.8	5.9	5.9	6.3	5.9	4.6	4.8
Total Wage and Salary Disbursements	233.299	234.957	239.122	241.592	247.612	250.594	254.079	257.202
% Ch, Annual Rate	18.7	2.9	7.3	4.2	10.3	4.9	5.7	5.0
Manufacturing	23.153	22.311	22.502	23.296	24.158	23.490	23.875	24.073
% Ch, Annual Rate	26.5	-13.8	3.5	14.9	15.6	-10.6	6.7	3.4
Durable Manufacturing	18.354	17.507	17.632	18.329	19.128	18.406	18.711	18.875
% Ch, Annual Rate	30.5	-17.2	2.9	16.8	18.6	-14.3	6.8	3.5
Nondurable Manufacturing	4.800	4.804	4.870	4.968	5.030	5.084	5.164	5.198
% Ch, Annual Rate	12.5	0.4	5.6	8.3	5.1	4.4	6.4	2.7
Nonmanufacturing	203.057	205.468	209.330	211.009	216.112	219.690	222.688	225.555
% Ch, Annual Rate	18.3	4.8	7.7	3.2	10.0	6.8	5.6	5.3
Other Private Wages	1.341	1.404	1.382	1.347	1.317	1.329	1.347	1.362
% Ch, Annual Rate	18.2	20.1	-6.1	-9.7	-8.8	3.8	5.4	4.7
Farm Wages	1.487	1.497	1.528	1.561	1.592	1.614	1.644	1.670
% Ch, Annual Rate	3.4	3.0	8.5	8.8	8.2	5.7	7.6	6.7
Military Wages	4.261	4.277	4.380	4.378	4.434	4.471	4.526	4.541
% Ch, Annual Rate	3.4	1.5	10.0	-0.1	5.2	3.4	5.0	1.4
Nonwage Personal Income	217.339	219.914	222.310	226.551	227.747	231.640	233.577	236.148
% Ch, Annual Rate	4.1	4.8	4.4	7.9	2.1	7.0	3.4	4.5
Supplements to Wages and Salaries	50.838	51.206	51.922	52.387	53.027	53.717	54.404	55.049
% Ch, Annual Rate	10.7	2.9	5.7	3.6	5.0	5.3	5.2	4.8
Proprietor's Income	36.653	37.210	37.523	38.085	38.246	38.484	38.893	39.289
% Ch, Annual Rate	4.7	6.2	3.4	6.1	1.7	2.5	4.3	4.1
Farm	1.687	1.780	1.630	1.701	1.837	1.625	1.540	1.633
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	34.967	35.430	35.893	36.384	36.409	36.859	37.353	37.656
% Ch, Annual Rate	6.3	5.4	5.3	5.6	0.3	5.0	5.5	3.3
Less: Contribution For Govt. Soc. Ins.	38.399	38.673	39.368	39.679	40.454	40.990	41.523	42.079
% Ch, Annual Rate	17.1	2.9	7.4	3.2	8.0	5.4	5.3	5.5
Plus: Residence Adjustment	4.365	4.394	4.404	4.493	4.527	4.590	4.651	4.713
% Ch, Annual Rate	-1.9	2.7	0.9	8.4	3.0	5.7	5.4	5.4
Dividends/Int./Rent	99.822	101.074	102.472	104.627	103.337	105.560	105.875	107.023
% Ch, Annual Rate	4.7	5.1	5.6	8.7	-4.8	8.9	1.2	4.4
Transfer Payments	64.061	64.705	65.356	66.638	69.064	70.279	71.277	72.154
% Ch, Annual Rate	5.5	4.1	4.1	8.1	15.4	7.2	5.8	5.0
State U.I. Benefits	0.984	0.914	0.902	0.898	0.936	0.931	0.931	0.858
% Ch, Annual Rate	5.1	-25.6	-5.1	-1.8	17.6	-1.9	0.0	-27.8
Other Transfers	63.077	63.790	64.454	65.739	68.129	69.348	70.346	71.296
% Ch, Annual Rate	5.5	4.6	4.2	8.2	15.3	7.4	5.9	5.5

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	499.118	505.350	510.994	516.663	523.048	528.807	534.493	540.423
% Ch, Annual Rate	4.8	5.1	4.5	4.5	5.0	4.5	4.4	4.5
Total Wage and Salary Disbursements	260.945	265.101	268.195	271.408	274.813	278.005	281.238	284.534
% Ch, Annual Rate	5.9	6.5	4.8	4.9	5.1	4.7	4.7	4.8
Manufacturing	24.366	24.528	24.636	24.819	25.014	25.281	25.552	25.829
% Ch, Annual Rate	4.9	2.7	1.8	3.0	3.2	4.3	4.4	4.4
Durable Manufacturing	19.106	19.248	19.348	19.504	19.655	19.870	20.084	20.308
% Ch, Annual Rate	5.0	3.0	2.1	3.3	3.1	4.5	4.4	4.5
Nondurable Manufacturing	5.259	5.281	5.288	5.315	5.359	5.411	5.467	5.521
% Ch, Annual Rate	4.8	1.6	0.6	2.0	3.4	3.9	4.3	4.0
Nonmanufacturing	228.915	232.820	235.727	238.690	241.798	244.645	247.526	250.476
% Ch, Annual Rate	6.1	7.0	5.1	5.1	5.3	4.8	4.8	4.9
Other Private Wages	1.381	1.403	1.418	1.434	1.452	1.468	1.484	1.500
% Ch, Annual Rate	5.7	6.4	4.4	4.6	4.9	4.5	4.5	4.5
Farm Wages	1.703	1.739	1.766	1.794	1.824	1.852	1.881	1.910
% Ch, Annual Rate	8.0	8.8	6.3	6.5	6.9	6.3	6.3	6.3
Military Wages	4.580	4.611	4.648	4.671	4.726	4.759	4.795	4.819
% Ch, Annual Rate	3.4	2.7	3.3	2.0	4.8	2.8	3.1	2.0
Nonwage Personal Income	238.174	240.249	242.798	245.254	248.234	250.802	253.256	255.890
% Ch, Annual Rate	3.5	3.5	4.3	4.1	4.9	4.2	4.0	4.2
Supplements to Wages and Salaries	55.838	56.654	57.299	57.964	58.772	59.435	60.102	60.783
% Ch, Annual Rate	5.9	6.0	4.6	4.7	5.7	4.6	4.6	4.6
Proprietor's Income	38.565	38.130	38.212	38.224	38.210	38.200	38.172	38.256
% Ch, Annual Rate	-7.2	-4.4	0.9	0.1	-0.1	-0.1	-0.3	0.9
Farm	1.295	1.045	0.945	0.907	0.946	1.028	1.138	1.270
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	37.270	37.085	37.266	37.316	37.264	37.172	37.034	36.985
% Ch, Annual Rate	-4.0	-2.0	2.0	0.5	-0.6	-1.0	-1.5	-0.5
Less: Contribution For Govt. Soc. Ins.	42.704	43.210	43.560	43.936	44.555	44.942	45.336	45.744
% Ch, Annual Rate	6.1	4.8	3.3	3.5	5.8	3.5	3.6	3.6
Plus: Residence Adjustment	4.791	4.871	4.931	4.993	5.058	5.125	5.192	5.260
% Ch, Annual Rate	6.8	6.8	5.1	5.1	5.3	5.4	5.3	5.3
Dividends/Int./Rent	108.227	109.464	110.681	111.856	113.135	114.444	115.636	116.886
% Ch, Annual Rate	4.6	4.7	4.5	4.3	4.7	4.7	4.2	4.4
Transfer Payments	73.456	74.340	75.235	76.154	77.614	78.540	79.491	80.449
% Ch, Annual Rate	7.4	4.9	4.9	5.0	7.9	4.9	4.9	4.9
State U.I. Benefits	0.911	0.922	0.986	1.024	1.064	1.111	1.170	1.224
% Ch, Annual Rate	26.9	5.0	30.8	16.4	16.3	19.1	23.1	19.6
Other Transfers	72.546	73.418	74.249	75.130	76.550	77.429	78.320	79.225
% Ch, Annual Rate	7.2	4.9	4.6	4.8	7.8	4.7	4.7	4.7

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	547.065	553.349	559.875	566.487	574.259	581.548	588.746	596.043
% Ch, Annual Rate	5.0	4.7	4.8	4.8	5.6	5.2	5.0	5.1
Total Wage and Salary Disbursements	288.066	291.616	295.291	299.074	303.330	307.568	311.685	315.825
% Ch, Annual Rate	5.1	5.0	5.1	5.2	5.8	5.7	5.5	5.4
Manufacturing	26.133	26.439	26.769	27.121	27.504	27.889	28.254	28.613
% Ch, Annual Rate	4.8	4.8	5.1	5.4	5.8	5.7	5.3	5.2
Durable Manufacturing	20.555	20.801	21.069	21.356	21.666	21.981	22.282	22.580
% Ch, Annual Rate	5.0	4.9	5.3	5.6	5.9	5.9	5.6	5.5
Nondurable Manufacturing	5.578	5.638	5.700	5.764	5.838	5.908	5.971	6.032
% Ch, Annual Rate	4.2	4.4	4.4	4.6	5.2	4.9	4.3	4.2
Nonmanufacturing	253.600	256.763	260.022	263.379	267.138	270.901	274.561	278.263
% Ch, Annual Rate	5.1	5.1	5.2	5.3	5.8	5.8	5.5	5.5
Other Private Wages	1.518	1.535	1.553	1.571	1.591	1.612	1.631	1.651
% Ch, Annual Rate	4.7	4.6	4.7	4.7	5.4	5.2	4.9	4.9
Farm Wages	1.940	1.971	2.002	2.034	2.070	2.106	2.141	2.175
% Ch, Annual Rate	6.6	6.5	6.5	6.6	7.3	7.1	6.7	6.6
Military Wages	4.875	4.908	4.945	4.969	5.026	5.061	5.099	5.124
% Ch, Annual Rate	4.7	2.8	3.0	2.0	4.6	2.8	3.0	2.0
Nonwage Personal Income	258.999	261.733	264.585	267.413	270.929	273.980	277.061	280.218
% Ch, Annual Rate	4.9	4.3	4.4	4.3	5.4	4.6	4.6	4.6
Supplements to Wages and Salaries	61.609	62.312	63.013	63.709	64.560	65.303	66.035	66.757
% Ch, Annual Rate	5.5	4.6	4.6	4.5	5.4	4.7	4.6	4.4
Proprietor's Income	38.303	38.413	38.512	38.585	38.659	38.741	38.847	38.973
% Ch, Annual Rate	0.5	1.2	1.0	0.8	0.8	0.9	1.1	1.3
Farm	1.406	1.523	1.604	1.641	1.642	1.614	1.569	1.522
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	36.897	36.890	36.908	36.944	37.017	37.127	37.278	37.451
% Ch, Annual Rate	-0.9	-0.1	0.2	0.4	0.8	1.2	1.6	1.9
Less: Contribution For Govt. Soc. Ins.	46.404	46.857	47.331	47.820	48.616	49.183	49.727	50.273
% Ch, Annual Rate	5.9	4.0	4.1	4.2	6.8	4.7	4.5	4.5
Plus: Residence Adjustment	5.330	5.400	5.473	5.546	5.628	5.710	5.787	5.865
% Ch, Annual Rate	5.4	5.4	5.5	5.5	6.1	5.9	5.5	5.5
Dividends/Int./Rent	118.192	119.565	121.085	122.614	124.182	125.820	127.447	129.133
% Ch, Annual Rate	4.5	4.7	5.2	5.1	5.2	5.4	5.3	5.4
Transfer Payments	81.970	82.899	83.833	84.777	86.516	87.589	88.673	89.763
% Ch, Annual Rate	7.8	4.6	4.6	4.6	8.5	5.1	5.0	5.0
State U.I. Benefits	1.280	1.326	1.378	1.436	1.486	1.541	1.590	1.647
% Ch, Annual Rate	19.7	15.0	16.8	17.8	14.8	15.5	13.4	15.0
Other Transfers	80.690	81.573	82.454	83.341	85.029	86.048	87.082	88.116
% Ch, Annual Rate	7.6	4.5	4.4	4.4	8.4	4.9	4.9	4.8