



ECONOMIC FORECAST

Calendar Year Summary Tables

Preliminary
August 29, 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	19,076.4	19,427.5	19,757.8	20,133.2	20,535.8
% Ch	1.6	2.4	2.9	2.4	1.8	1.7	1.9	2.0
Real Consumption	12,247.5	12,566.9	12,944.5	13,266.3	13,558.2	13,815.8	14,092.1	14,373.9
% Ch	2.7	2.6	3.0	2.5	2.2	1.9	2.0	2.0
Real Nonresidential Fixed Investment	2,425.3	2,531.2	2,692.3	2,778.3	2,871.3	2,981.8	3,113.1	3,270.4
% Ch	0.7	4.4	6.4	3.2	3.3	3.8	4.4	5.1
Real Residential Fixed Investment	591.2	611.9	602.9	592.4	585.8	583.7	595.0	603.3
% Ch	6.5	3.5	-1.5	-1.7	-1.1	-0.4	1.9	1.4
Real Personal Income	15,487.3	15,933.3	16,476.8	17,027.1	17,464.0	17,871.1	18,277.4	18,734.0
% Ch	1.5	2.9	3.4	3.3	2.6	2.3	2.3	2.5
Real Per Capita Income (\$/Person)	47,860	48,925	50,277	51,589	52,539	53,388	54,225	55,203
% Ch	0.8	2.2	2.8	2.6	1.8	1.6	1.6	1.8
Price and Wage Indexes								
PCE Price Index (2012=100)	104.1	105.9	108.1	109.7	111.8	113.9	116.2	118.4
% Ch	1.0	1.8	2.1	1.5	1.9	1.9	2.0	2.0
U.S. Consumer Price Index (1982-84=1.0)	2.400	2.451	2.511	2.556	2.605	2.657	2.714	2.774
% Ch	1.3	2.1	2.4	1.8	1.9	2.0	2.2	2.2
Employment Cost Index (Dec. 2005=1.0)	1.263	1.295	1.334	1.374	1.420	1.470	1.525	1.585
% Ch	2.4	2.6	3.0	3.0	3.4	3.5	3.7	3.9
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	18,715.0	19,519.4	20,580.2	21,452.7	22,366.5	23,294.4	24,291.1	25,338.4
% Ch	2.7	4.3	5.4	4.2	4.3	4.1	4.3	4.3
Personal Income	16,121.2	16,878.8	17,819.2	18,686.1	19,526.4	20,363.4	21,232.9	22,188.9
% Ch	2.6	4.7	5.6	4.9	4.5	4.3	4.3	4.5
Employment (Millions)								
U.S. Civilian Labor Force	159.2	160.3	162.1	163.1	164.7	166.1	167.2	168.2
Total U.S. Employment	151.4	153.3	155.8	157.2	158.9	160.1	160.9	161.6
Unemployment Rate (%)	4.87	4.35	3.89	3.64	3.52	3.61	3.78	3.94
Nonfarm Payroll Employment	144.35	146.61	149.06	151.39	153.14	154.13	154.92	155.70
% Ch	1.8	1.6	1.7	1.6	1.2	0.6	0.5	0.5
Manufacturing	12.35	12.44	12.69	12.83	12.71	12.44	12.35	12.39
% Ch	0.1	0.7	2.0	1.1	-1.0	-2.1	-0.7	0.3
Durable Manufacturing	7.71	7.74	7.94	8.05	7.99	7.81	7.77	7.84
% Ch	-0.7	0.3	2.7	1.4	-0.8	-2.2	-0.5	0.9
Nondurable Manufacturing	4.64	4.70	4.74	4.78	4.72	4.63	4.59	4.55
% Ch	1.5	1.3	0.9	0.8	-1.2	-1.9	-1.0	-0.7
Construction	6.73	6.97	7.29	7.50	7.54	7.60	7.73	7.90
% Ch	4.1	3.6	4.6	3.0	0.5	0.8	1.7	2.2
Service-Providing	124.60	126.53	128.36	130.30	132.13	133.32	134.07	134.63
% Ch	1.9	1.5	1.4	1.5	1.4	0.9	0.6	0.4
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	43.2	51.0	64.9	56.5	53.4	51.6	51.2	51.7
Personal Saving/Disposable Income (%)	6.8	7.0	7.7	8.2	8.4	8.8	9.1	9.3
Auto Sales (Millions)	6.9	6.1	5.3	4.8	4.5	4.5	4.4	4.4
% Ch	-8.6	-11.5	-12.8	-9.2	-5.9	-1.8	-1.2	1.0
Housing Starts (Millions)	1.178	1.209	1.250	1.238	1.243	1.237	1.276	1.296
% Ch	6.4	2.6	3.4	-0.9	0.4	-0.5	3.2	1.5
Federal Budget Surplus (Billions)	-677.0	-724.7	-1,009.8	-1,164.0	-1,223.1	-1,282.3	-1,340.0	-1,359.6
Net Exports (Billions)	-518.8	-575.3	-638.2	-635.4	-575.7	-563.7	-533.8	-486.0
3-Month Treasury Bill Rate (%)	0.32	0.93	1.94	2.24	2.09	2.15	2.14	2.37
10-Year Treasury Note Yield (%)	1.84	2.33	2.91	2.33	2.53	2.93	3.19	3.30
Bond Index of 20 G.O. Munis. (%)	3.27	3.67	3.96	3.84	4.08	4.43	4.70	4.83
30-Year Fixed Mortgage Rate (%)	3.65	3.99	4.54	4.07	4.23	4.58	4.78	4.86

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	19,023.8	19,128.2	19,226.1
% Ch , Annual Rate	2.6	3.5	2.9	1.1	3.1	2.1	2.2	2.1
Real Consumption	12,782.9	12,909.2	13,019.8	13,066.3	13,103.3	13,241.1	13,322.7	13,398.1
% Ch , Annual Rate	1.7	4.0	3.5	1.4	1.1	4.3	2.5	2.3
Real Nonresidential Fixed Investment	2,639.5	2,689.9	2,703.9	2,735.8	2,765.6	2,761.4	2,779.1	2,807.2
% Ch , Annual Rate	8.8	7.9	2.1	4.8	4.4	-0.6	2.6	4.1
Real Residential Fixed Investment	612.1	606.3	600.1	593.0	591.4	589.1	593.0	596.1
% Ch , Annual Rate	-5.3	-3.7	-4.0	-4.7	-1.0	-1.5	2.7	2.1
Real Personal Income	16,331.6	16,413.8	16,537.2	16,624.5	16,856.0	16,981.8	17,086.7	17,184.0
% Ch , Annual Rate	4.7	2.0	3.0	2.1	5.7	3.0	2.5	2.3
Real Per Capita Income (\$/Person)	49,961	50,133	50,420	50,595	51,208	51,498	51,724	51,926
% Ch , Annual Rate	4.2	1.4	2.3	1.4	4.9	2.3	1.8	1.6
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	1.9	1.8
U.S. Consumer Price Index (1982-84=1.0)	2.493	2.506	2.518	2.528	2.533	2.551	2.564	2.575
% 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	3.6	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	21,337.9	21,572.7	21,801.5
% Ch , Annual Rate	5.0	7.1	4.8	2.9	3.9	4.6	4.5	4.3
Personal Income	17,540.3	17,725.0	17,928.5	18,082.8	18,352.6	18,596.8	18,801.4	18,993.7
% Ch , Annual Rate	7.4	4.3	4.7	3.5	6.1	5.4	4.5	4.2
Employment (Millions)								
U.S. Civilian Labor Force	161.6	161.8	162.0	162.9	163.1	162.7	163.2	163.5
Total U.S. Employment	155.0	155.4	155.9	156.8	156.8	156.8	157.4	157.8
Unemployment Rate (%)	4.09	3.91	3.79	3.77	3.88	3.62	3.58	3.49
Nonfarm Payroll Employment	148.05	148.74	149.41	150.06	150.68	151.13	151.66	152.08
% Ch , Annual Rate	1.8	1.9	1.8	1.7	1.7	1.2	1.4	1.1
Manufacturing	12.59	12.66	12.72	12.79	12.83	12.84	12.84	12.82
% Ch , Annual Rate	2.3	2.3	1.9	2.2	1.4	0.4	-0.2	-0.5
Durable Manufacturing	7.86	7.92	7.97	8.02	8.06	8.06	8.05	8.04
% Ch , Annual Rate	3.4	3.0	2.7	2.4	1.8	0.2	-0.5	-0.3
Nondurable Manufacturing	4.73	4.74	4.74	4.77	4.77	4.78	4.79	4.78
% Ch , Annual Rate	0.5	1.0	0.6	1.8	0.7	0.6	0.4	-0.7
Construction	7.18	7.26	7.33	7.39	7.45	7.49	7.53	7.55
% Ch , Annual Rate	6.7	4.8	4.0	3.1	3.2	2.5	1.8	1.4
Service-Providing	127.58	128.09	128.62	129.13	129.64	130.04	130.55	130.95
% Ch , Annual Rate	1.4	1.6	1.6	1.6	1.6	1.2	1.6	1.2
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	62.9	68.0	69.8	58.9	54.8	59.8	56.0	55.5
Personal Saving/Disposable Income (%)	7.9	7.6	7.5	7.8	8.5	8.1	8.0	8.0
Auto Sales (Millions)	5.4	5.3	5.2	5.3	5.0	4.9	4.7	4.7
% Ch , Annual Rate	-30.3	-8.1	-11.7	9.9	-20.8	-8.7	-11.0	-5.6
Housing Starts (Millions)	1.321	1.260	1.233	1.185	1.213	1.263	1.234	1.242
% Ch , Annual Rate	20.8	-17.2	-8.2	-14.7	9.8	17.4	-8.8	2.5
Federal Budget Surplus (Billions)	-976.3	-1,013.8	-981.3	-1,067.6	-1,123.6	-1,180.4	-1,174.0	-1,178.0
Net Exports (Billions)	-629.0	-568.4	-671.4	-684.1	-633.8	-661.7	-632.6	-613.2
3-Month Treasury Bill Rate (%)	1.56	1.84	2.04	2.32	2.39	2.30	2.13	2.14
10-Year Treasury Note Yield (%)	2.76	2.92	2.93	3.03	2.65	2.33	2.10	2.23
Bond Index of 20 G.O. Munis. (%)	3.73	3.89	3.97	4.25	4.13	3.70	3.69	3.84
30-Year Fixed Mortgage Rate (%)	4.27	4.54	4.57	4.78	4.38	4.01	3.84	4.03

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	19,312.7	19,393.8	19,464.5	19,539.0	19,627.1	19,715.9	19,797.0	19,891.1
% Ch , Annual Rate	1.8	1.7	1.5	1.5	1.8	1.8	1.7	1.9
Real Consumption	13,470.4	13,535.4	13,589.9	13,637.0	13,710.1	13,781.6	13,851.2	13,920.3
% Ch , Annual Rate	2.2	1.9	1.6	1.4	2.2	2.1	2.0	2.0
Real Nonresidential Fixed Investment	2,840.8	2,854.5	2,877.9	2,912.0	2,940.5	2,967.6	2,994.6	3,024.4
% Ch , Annual Rate	4.9	1.9	3.3	4.8	4.0	3.7	3.7	4.1
Real Residential Fixed Investment	590.8	585.6	582.1	584.7	583.8	581.5	582.7	586.8
% Ch , Annual Rate	-3.5	-3.5	-2.4	1.8	-0.6	-1.6	0.8	2.8
Real Personal Income	17,306.3	17,418.7	17,515.8	17,615.4	17,727.6	17,825.7	17,917.0	18,014.0
% Ch , Annual Rate	2.9	2.6	2.2	2.3	2.6	2.2	2.1	2.2
Real Per Capita Income (\$/Person)	52,203	52,449	52,648	52,855	53,099	53,299	53,479	53,675
% Ch , Annual Rate	2.2	1.9	1.5	1.6	1.9	1.5	1.4	1.5
Price and Wage Indexes								
PCE Price Index (2012=100)	111.0	111.6	112.1	112.6	113.1	113.7	114.2	114.8
% Ch , Annual Rate	1.8	1.9	1.8	1.8	2.0	1.9	1.9	2.0
U.S. Consumer Price Index (1982-84=1.0)	2.587	2.599	2.611	2.621	2.636	2.650	2.664	2.678
% Ch , Annual Rate	1.8	1.9	1.9	1.6	2.2	2.1	2.1	2.2
Employment Cost Index (Dec. 2005=1.0)	1.402	1.414	1.426	1.438	1.450	1.463	1.477	1.490
% Ch , Annual Rate	3.4	3.6	3.3	3.3	3.6	3.6	3.7	3.7
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	22,026.8	22,261.7	22,475.8	22,701.7	22,941.7	23,175.1	23,405.9	23,655.0
% Ch , Annual Rate	4.2	4.3	3.9	4.1	4.3	4.1	4.0	4.3
Personal Income	19,216.4	19,432.4	19,629.1	19,827.7	20,054.0	20,261.5	20,463.1	20,675.2
% Ch , Annual Rate	4.8	4.6	4.1	4.1	4.6	4.2	4.0	4.2
Employment (Millions)								
U.S. Civilian Labor Force	164.0	164.7	164.8	165.2	165.5	165.9	166.2	166.5
Total U.S. Employment	158.2	158.9	159.0	159.3	159.6	160.0	160.2	160.4
Unemployment Rate (%)	3.51	3.51	3.53	3.55	3.56	3.59	3.62	3.67
Nonfarm Payroll Employment	152.57	153.21	153.29	153.47	153.75	154.03	154.26	154.46
% Ch , Annual Rate	1.3	1.7	0.2	0.5	0.7	0.7	0.6	0.5
Manufacturing	12.85	12.76	12.64	12.57	12.48	12.45	12.43	12.39
% Ch , Annual Rate	1.0	-2.9	-3.6	-2.3	-2.7	-1.0	-0.7	-1.2
Durable Manufacturing	8.08	8.02	7.94	7.90	7.83	7.82	7.80	7.78
% Ch , Annual Rate	1.7	-2.7	-3.9	-2.3	-3.2	-0.8	-0.7	-1.2
Nondurable Manufacturing	4.77	4.74	4.70	4.67	4.65	4.64	4.63	4.61
% Ch , Annual Rate	-0.3	-3.1	-3.0	-2.3	-1.9	-1.3	-0.8	-1.2
Construction	7.54	7.54	7.53	7.55	7.57	7.59	7.61	7.64
% Ch , Annual Rate	-0.5	-0.3	-0.1	1.0	1.2	0.7	1.0	1.6
Service-Providing	131.42	132.16	132.36	132.59	132.93	133.23	133.46	133.66
% Ch , Annual Rate	1.4	2.3	0.6	0.7	1.0	0.9	0.7	0.6
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	54.5	53.7	52.9	52.4	52.0	51.7	51.4	51.3
Personal Saving/Disposable Income (%)	8.1	8.3	8.4	8.6	8.7	8.8	8.8	8.9
Auto Sales (Millions)	4.6	4.5	4.5	4.5	4.5	4.5	4.4	4.4
% Ch , Annual Rate	-6.5	-4.1	-3.1	-2.3	-0.7	-1.3	-0.8	-2.2
Housing Starts (Millions)	1,229	1,241	1,250	1,252	1,223	1,228	1,241	1,255
% Ch , Annual Rate	-3.9	3.9	3.0	0.4	-8.8	1.6	4.3	4.4
Federal Budget Surplus (Billions)	-1,201.0	-1,222.3	-1,230.3	-1,238.9	-1,263.4	-1,274.8	-1,288.2	-1,302.8
Net Exports (Billions)	-559.7	-575.8	-595.0	-572.3	-569.4	-566.2	-564.6	-554.5
3-Month Treasury Bill Rate (%)	2.11	2.04	2.02	2.19	2.17	2.15	2.14	2.15
10-Year Treasury Note Yield (%)	2.38	2.47	2.57	2.68	2.79	2.89	2.98	3.06
Bond Index of 20 G.O. Munis. (%)	3.98	4.03	4.10	4.21	4.29	4.39	4.48	4.56
30-Year Fixed Mortgage Rate (%)	4.11	4.18	4.26	4.37	4.48	4.56	4.62	4.67

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	19,984.9	20,082.5	20,183.8	20,281.5	20,386.5	20,485.0	20,584.3	20,687.5
% Ch , Annual Rate	1.9	2.0	2.0	2.0	2.1	1.9	2.0	2.0
Real Consumption	13,988.2	14,057.0	14,126.6	14,196.6	14,268.5	14,338.1	14,408.7	14,480.5
% Ch , Annual Rate	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Real Nonresidential Fixed Investment	3,057.0	3,093.1	3,131.6	3,171.0	3,212.4	3,251.8	3,290.0	3,327.5
% Ch , Annual Rate	4.4	4.8	5.1	5.1	5.3	5.0	4.8	4.6
Real Residential Fixed Investment	590.7	594.0	596.7	598.6	600.5	602.3	603.9	606.6
% Ch , Annual Rate	2.7	2.2	1.9	1.3	1.3	1.2	1.0	1.8
Real Personal Income	18,126.3	18,224.7	18,328.4	18,430.2	18,567.5	18,682.1	18,788.8	18,897.7
% Ch , Annual Rate	2.5	2.2	2.3	2.2	3.0	2.5	2.3	2.3
Real Per Capita Income (\$/Person)	53,917	54,116	54,331	54,539	54,852	55,097	55,318	55,546
% Ch , Annual Rate	1.8	1.5	1.6	1.5	2.3	1.8	1.6	1.7
Price and Wage Indexes								
PCE Price Index (2012=100)	115.3	115.9	116.4	117.0	117.6	118.1	118.7	119.3
% Ch , Annual Rate	2.0	1.9	2.0	2.0	1.9	2.0	2.0	2.0
U.S. Consumer Price Index (1982-84=1.0)	2.692	2.707	2.721	2.736	2.751	2.766	2.781	2.797
% Ch , Annual Rate	2.2	2.1	2.2	2.2	2.2	2.2	2.2	2.2
Employment Cost Index (Dec. 2005=1.0)	1.504	1.518	1.532	1.546	1.561	1.577	1.593	1.608
% Ch , Annual Rate	3.8	3.8	3.7	3.8	4.0	4.0	4.1	4.0
Current Dollar National Income (Billions of Dollars)								
Gross Domestic Product	23,904.4	24,159.8	24,421.0	24,679.2	24,945.4	25,204.6	25,467.6	25,736.1
% Ch , Annual Rate	4.3	4.3	4.4	4.3	4.4	4.2	4.2	4.3
Personal Income	20,904.8	21,119.2	21,342.3	21,565.2	21,830.9	22,072.3	22,306.7	22,545.7
% Ch , Annual Rate	4.5	4.2	4.3	4.2	5.0	4.5	4.3	4.4
Employment (Millions)								
U.S. Civilian Labor Force	166.8	167.1	167.4	167.6	167.9	168.1	168.3	168.6
Total U.S. Employment	160.6	160.8	161.0	161.2	161.4	161.5	161.7	161.8
Unemployment Rate (%)	3.72	3.75	3.79	3.84	3.88	3.91	3.96	4.01
Nonfarm Payroll Employment	154.65	154.83	155.02	155.20	155.48	155.69	155.78	155.87
% Ch, Annual Rate	0.5	0.5	0.5	0.5	0.7	0.6	0.2	0.2
Manufacturing	12.37	12.35	12.34	12.35	12.37	12.39	12.40	12.39
% Ch, Annual Rate	-0.7	-0.8	-0.2	0.2	0.9	0.6	0.1	-0.1
Durable Manufacturing	7.77	7.76	7.76	7.77	7.81	7.83	7.85	7.86
% Ch, Annual Rate	-0.5	-0.7	0.1	0.7	1.6	1.4	0.9	0.6
Nondurable Manufacturing	4.60	4.59	4.58	4.57	4.57	4.56	4.55	4.53
% Ch, Annual Rate	-1.1	-0.9	-0.9	-0.7	-0.4	-0.6	-1.2	-1.4
Construction	7.67	7.71	7.75	7.79	7.83	7.87	7.92	7.97
% Ch, Annual Rate	1.9	2.0	1.9	2.0	2.2	2.3	2.3	2.4
Service-Providing	133.83	134.00	134.15	134.29	134.49	134.64	134.68	134.72
% Ch, Annual Rate	0.5	0.5	0.5	0.4	0.6	0.4	0.1	0.1
Miscellaneous Indicators								
Oil-WTI (\$ per barrel)	51.2	51.1	51.1	51.3	51.4	51.5	51.7	52.0
Personal Saving/Disposable Income (%)	9.0	9.1	9.1	9.1	9.3	9.3	9.4	9.4
Auto Sales (Millions)	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.5
% Ch, Annual Rate	-1.6	-0.5	-0.9	0.4	1.4	1.8	1.8	2.0
Housing Starts (Millions)	1.275	1.277	1.276	1.277	1.280	1.298	1.302	1.302
% Ch, Annual Rate	6.6	0.6	-0.4	0.4	0.8	6.0	1.3	-0.2
Federal Budget Surplus (Billions)	-1,331.2	-1,339.5	-1,343.7	-1,345.8	-1,359.5	-1,359.0	-1,358.7	-1,361.4
Net Exports (Billions)	-548.0	-539.5	-529.7	-517.9	-503.8	-491.3	-478.8	-470.1
3-Month Treasury Bill Rate (%)	2.14	2.14	2.14	2.13	2.35	2.39	2.38	2.37
10-Year Treasury Note Yield (%)	3.12	3.17	3.22	3.26	3.34	3.31	3.29	3.27
Bond Index of 20 G.O. Munis. (%)	4.62	4.67	4.72	4.77	4.84	4.83	4.83	4.82
30-Year Fixed Mortgage Rate (%)	4.72	4.76	4.80	4.84	4.87	4.88	4.85	4.83

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	441.981	455.184	467.992	480.999	496.043
% Ch	4.0	4.2	4.8	4.2	3.0	2.8	2.8	3.1
Real Wage and Salary Disb.	195.306	205.865	219.377	230.098	237.856	245.157	252.648	261.503
% Ch	5.0	5.4	6.6	4.9	3.4	3.1	3.1	3.5
Real Nonwage Income	193.034	198.896	204.845	211.883	217.327	222.836	228.351	234.540
% Ch	3.0	3.0	3.0	3.4	2.6	2.5	2.5	2.7
Real Per Capita Income (\$/Person)	53,228	54,521	56,289	57,790	58,658	59,479	60,322	61,430
% Ch	2.2	2.4	3.2	2.7	1.5	1.4	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	1.118	1.139	1.162	1.184
% Ch	1.0	1.8	2.1	1.5	1.9	1.9	2.0	2.0
Seattle Cons. Price Index (1982-84=1.0)	2.550	2.628	2.711	2.776	2.830	2.887	2.950	3.014
% Ch	2.3	3.0	3.2	2.4	1.9	2.0	2.2	2.2
Average Nonfarm Annual Wage	60,530	63,583	67,569	70,611	73,077	75,822	78,810	82,336
% Ch	3.0	5.0	6.3	4.5	3.5	3.8	3.9	4.5
Avg. Hourly Earnings-Mfg. (\$/Hour)	26.42	27.37	28.42	29.50	30.58	31.61	32.75	33.98
% Ch	3.5	3.6	3.8	3.8	3.7	3.4	3.6	3.8
Current Dollar Income (Billions of Dollars)								
Personal Income	404.232	428.765	458.771	485.040	508.941	533.263	558.782	587.528
% Ch	5.1	6.1	7.0	5.7	4.9	4.8	4.8	5.1
Disposable Personal Income	355.183	376.797	405.282	427.534	448.480	470.446	492.994	517.350
% Ch	5.3	6.1	7.6	5.5	4.9	4.9	4.8	4.9
Per Capita Income (\$/Person)	55,405	57,753	60,872	63,418	65,585	67,773	70,075	72,759
% Ch	3.2	4.2	5.4	4.2	3.4	3.3	3.4	3.8
Employment (Thousands)								
Washington Civilian Labor Force	3,643.9	3,719.3	3,790.5	3,880.1	3,948.0	4,007.3	4,061.8	4,111.1
Total Washington Employment	3,451.3	3,543.9	3,620.3	3,702.0	3,767.6	3,822.0	3,868.6	3,910.0
Unemployment Rate (%)	5.29	4.72	4.49	4.59	4.57	4.63	4.76	4.89
Nonfarm Payroll Employment	3,242.8	3,321.2	3,404.2	3,470.4	3,532.6	3,577.2	3,616.8	3,654.5
% Ch	3.1	2.4	2.5	1.9	1.8	1.3	1.1	1.0
Manufacturing	290.4	284.2	287.5	295.2	294.6	292.2	293.5	296.7
% Ch	-0.7	-2.1	1.2	2.7	-0.2	-0.8	0.5	1.1
Durable Manufacturing	207.7	200.3	202.1	207.6	207.4	205.9	207.3	210.3
% Ch	-1.7	-3.5	0.9	2.8	-0.1	-0.7	0.7	1.4
Aerospace	91.0	84.2	84.0	88.8	89.8	89.8	89.8	89.8
% Ch	-3.2	-7.5	-0.3	5.8	1.0	0.0	0.0	0.0
Nondurable Manufacturing	82.7	83.9	85.5	87.6	87.2	86.3	86.3	86.4
% Ch	2.0	1.4	1.9	2.5	-0.4	-1.1	0.0	0.2
Construction	186.6	199.8	213.4	217.0	214.4	211.8	210.7	210.5
% Ch	7.7	7.0	6.8	1.7	-1.2	-1.2	-0.5	-0.1
Service-Providing	2,759.5	2,831.0	2,897.0	2,952.1	3,017.5	3,067.1	3,106.4	3,141.2
% Ch	3.2	2.6	2.3	1.9	2.2	1.6	1.3	1.1
Software Publishers	58.9	61.4	65.3	69.8	70.9	71.5	72.4	73.6
% Ch	5.3	4.2	6.4	6.8	1.6	0.8	1.3	1.6
Electronic Shopping and Mail-Order	38.2	49.7	54.8	59.5	62.5	64.9	66.8	68.5
% Ch	26.6	30.1	10.2	8.7	5.0	3.8	3.0	2.5
Housing Indicators (Thousands)								
Housing Units Authorized by Bldg. Permit	44.077	45.794	47.746	45.240	43.183	42.748	42.777	42.165
% Ch	9.2	3.9	4.3	-5.2	-4.5	-1.0	0.1	-1.4
Single-Family	22.463	23.115	23.676	21.993	22.464	22.628	23.197	23.447
% Ch	13.5	2.9	2.4	-7.1	2.1	0.7	2.5	1.1
Multi-Family	21.614	22.679	24.070	23.247	20.719	20.120	19.580	18.718
% Ch	5.0	4.9	6.1	-3.4	-10.9	-2.9	-2.7	-4.4
30-Year Fixed Mortgage Rate (%)	3.65	3.99	4.54	4.07	4.23	4.58	4.78	4.86

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	440.491	444.111	446.714
% Ch, Annual Rate	8.6	1.6	4.2	4.6	5.9	3.6	3.3	2.4
Real Wage and Salary Disb.	217.232	217.585	220.575	222.117	227.427	229.000	231.188	232.777
% Ch, Annual Rate	15.8	0.7	5.6	2.8	9.9	2.8	3.9	2.8
Real Nonwage Income	202.371	203.655	205.067	208.289	209.182	211.491	212.924	213.936
% Ch, Annual Rate	1.5	2.6	2.8	6.4	1.7	4.5	2.7	1.9
Real Per Capita Income (\$/Person)	55,987	56,005	56,374	56,790	57,410	57,703	57,960	58,086
% Ch, Annual Rate	7.1	0.1	2.7	3.0	4.4	2.1	1.8	0.9
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	1.8
Seattle Cons. Price Index (1982-84=1.0)	2.687	2.703	2.715	2.740	2.758	2.766	2.784	2.798
% Ch, Annual Rate	3.8	2.4	1.9	3.6	2.7	1.2	2.6	2.0
Average Nonfarm Annual Wage	66,894	67,106	67,964	68,311	69,822	70,321	70,880	71,422
% Ch, Annual Rate	14.8	1.3	5.2	2.1	9.1	2.9	3.2	3.1
Avg. Hourly Earnings-Mfg. (\$/Hour)	27.95	28.36	28.52	28.84	29.19	29.10	29.74	29.97
% Ch, Annual Rate	1.8	5.9	2.3	4.6	5.0	-1.3	9.2	3.1
Current Dollar Income (Billions of Dollars)								
Personal Income	450.638	454.871	461.432	468.143	475.359	482.362	488.679	493.759
% Ch, Annual Rate	11.4	3.8	5.9	5.9	6.3	6.0	5.3	4.2
Disposable Personal Income	397.330	401.705	407.731	414.361	419.499	425.105	430.522	435.011
% Ch, Annual Rate	13.7	4.5	6.1	6.7	5.1	5.5	5.2	4.2
Per Capita Income (\$/Person)	60,128	60,477	61,114	61,769	62,505	63,188	63,777	64,203
% Ch, Annual Rate	9.8	2.3	4.3	4.4	4.8	4.4	3.8	2.7
Employment (Thousands)								
Washington Civilian Labor Force	3,759.0	3,777.4	3,802.5	3,823.0	3,849.0	3,874.8	3,891.2	3,905.4
Total Washington Employment	3,585.7	3,607.7	3,634.8	3,652.9	3,673.8	3,694.6	3,711.5	3,727.9
Unemployment Rate (%)	4.61	4.49	4.41	4.45	4.55	4.65	4.62	4.55
Nonfarm Payroll Employment	3,381.6	3,394.3	3,411.1	3,430.0	3,441.2	3,460.6	3,483.2	3,496.6
% Ch, Annual Rate	3.8	1.5	2.0	2.2	1.3	2.3	2.6	1.5
Manufacturing	284.8	285.9	288.0	291.4	293.8	294.4	296.3	296.3
% Ch, Annual Rate	3.2	1.5	3.0	4.8	3.3	0.8	2.7	0.0
Durable Manufacturing	199.6	200.9	202.8	204.9	206.6	207.1	208.4	208.4
% Ch, Annual Rate	2.8	2.5	3.8	4.3	3.4	0.8	2.5	0.1
Aerospace	82.3	83.0	84.6	86.0	87.2	88.6	89.8	89.8
% Ch, Annual Rate	2.3	3.6	8.0	7.0	5.6	6.6	5.3	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	3.0	-0.3
Construction	209.7	211.9	213.7	218.3	216.1	218.1	217.2	216.7
% Ch, Annual Rate	10.5	4.4	3.5	8.8	-3.9	3.8	-1.6	-1.0
Service-Providing	2,880.8	2,890.2	2,903.0	2,914.1	2,925.1	2,942.1	2,963.6	2,977.5
% Ch, Annual Rate	3.4	1.3	1.8	1.5	1.5	2.3	3.0	1.9
Software Publishers	63.5	64.7	66.0	67.0	68.3	69.6	70.5	70.6
% Ch, Annual Rate	7.0	7.9	8.0	6.5	7.9	7.8	5.2	0.5
Electronic Shopping and Mail-Order	54.3	54.3	54.2	56.2	58.4	59.0	59.9	60.7
% Ch, Annual Rate	6.8	0.1	-0.8	15.4	16.8	4.1	6.0	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	43.192
% 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	22.148
% Ch, Annual Rate	7.6	-24.2	4.6	-14.0	-26.4	22.2	9.0	-8.2
Multi-Family	28.165	22.626	19.193	26.296	22.693	26.466	22.785	21.044
% Ch, Annual Rate	33.5	-58.4	-48.2	252.3	-44.5	85.0	-45.1	-27.2
30-Year Fixed Mortgage Rate (%)	4.27	4.54	4.57	4.78	4.38	4.01	3.84	4.03

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	450.141	453.782	456.810	460.002	463.520	466.532	469.431	472.485
% Ch, Annual Rate	3.1	3.3	2.7	2.8	3.1	2.6	2.5	2.6
Real Wage and Salary Disb.	234.768	237.180	238.839	240.639	242.515	244.282	246.034	247.796
% Ch, Annual Rate	3.5	4.2	2.8	3.0	3.2	2.9	2.9	2.9
Real Nonwage Income	215.373	216.603	217.971	219.363	221.006	222.250	223.398	224.689
% Ch, Annual Rate	2.7	2.3	2.5	2.6	3.0	2.3	2.1	2.3
Real Per Capita Income (\$/Person)	58,319	58,581	58,764	58,968	59,214	59,395	59,560	59,745
% Ch, Annual Rate	1.6	1.8	1.3	1.4	1.7	1.2	1.1	1.2
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.110	1.116	1.121	1.126	1.131	1.137	1.142	1.148
% Ch, Annual Rate	1.8	1.9	1.8	1.8	2.0	1.9	1.9	2.0
Seattle Cons. Price Index (1982-84=1.0)	2.811	2.824	2.837	2.849	2.865	2.880	2.895	2.910
% Ch, Annual Rate	1.9	1.9	1.9	1.6	2.2	2.1	2.1	2.2
Average Nonfarm Annual Wage	72,073	72,730	73,416	74,090	74,794	75,470	76,155	76,868
% Ch, Annual Rate	3.7	3.7	3.8	3.7	3.9	3.7	3.7	3.8
Avg. Hourly Earnings-Mfg. (\$/Hour)	30.21	30.47	30.70	30.94	31.20	31.47	31.75	32.02
% Ch, Annual Rate	3.3	3.4	3.1	3.2	3.4	3.5	3.6	3.6
Current Dollar Income (Billions of Dollars)								
Personal Income	499.824	506.242	511.924	517.773	524.348	530.280	536.138	542.285
% Ch, Annual Rate	5.0	5.2	4.6	4.6	5.2	4.6	4.5	4.7
Disposable Personal Income	440.332	446.007	451.147	456.434	462.392	467.765	473.072	478.557
% Ch, Annual Rate	5.0	5.3	4.7	4.8	5.3	4.7	4.6	4.7
Per Capita Income (\$/Person)	64,756	65,353	65,854	66,374	66,985	67,511	68,024	68,571
% Ch, Annual Rate	3.5	3.7	3.1	3.2	3.7	3.2	3.1	3.3
Employment (Thousands)								
Washington Civilian Labor Force	3,922.3	3,944.0	3,955.6	3,970.0	3,985.5	4,000.3	4,014.7	4,028.8
Total Washington Employment	3,743.1	3,764.2	3,774.7	3,788.3	3,802.7	3,816.0	3,828.6	3,840.6
Unemployment Rate (%)	4.57	4.56	4.57	4.58	4.59	4.61	4.64	4.67
Nonfarm Payroll Employment	3,510.6	3,531.6	3,539.2	3,549.3	3,561.0	3,572.1	3,582.7	3,592.9
% Ch, Annual Rate	1.6	2.4	0.9	1.1	1.3	1.2	1.2	1.1
Manufacturing	296.7	295.2	293.6	292.8	292.1	292.1	292.3	292.4
% Ch, Annual Rate	0.4	-2.0	-2.1	-1.1	-1.0	0.0	0.3	0.1
Durable Manufacturing	208.7	207.8	206.7	206.2	205.7	205.8	206.0	206.1
% Ch, Annual Rate	0.5	-1.8	-2.1	-0.9	-1.1	0.3	0.3	0.2
Aerospace	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
% 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	86.9	86.6	86.4	86.3	86.3	86.2
% Ch, Annual Rate	0.2	-2.4	-2.2	-1.6	-1.0	-0.5	0.1	-0.3
Construction	215.3	214.7	214.1	213.4	212.6	211.8	211.4	211.3
% Ch, Annual Rate	-2.6	-1.0	-1.2	-1.2	-1.5	-1.6	-0.7	-0.1
Service-Providing	2,992.5	3,015.5	3,025.3	3,036.9	3,050.2	3,062.1	3,072.9	3,083.1
% Ch, Annual Rate	2.0	3.1	1.3	1.5	1.8	1.6	1.4	1.3
Software Publishers	70.7	70.8	70.9	71.1	71.2	71.4	71.6	71.8
% Ch, Annual Rate	0.7	0.5	0.5	0.8	0.9	0.9	1.0	1.1
Electronic Shopping and Mail-Order	61.5	62.2	62.9	63.5	64.1	64.6	65.1	65.6
% 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	42.904	43.168	43.362	43.299	42.682	42.655	42.731	42.926
% Ch, Annual Rate	-2.6	2.5	1.8	-0.6	-5.6	-0.2	0.7	1.8
Single-Family	22.114	22.280	22.613	22.850	22.519	22.518	22.633	22.843
% Ch, Annual Rate	-0.6	3.0	6.1	4.2	-5.7	0.0	2.1	3.8
Multi-Family	20.790	20.888	20.748	20.449	20.163	20.137	20.098	20.083
% Ch, Annual Rate	-4.7	1.9	-2.6	-5.6	-5.5	-0.5	-0.8	-0.3
30-Year Fixed Mortgage Rate (%)	4.11	4.18	4.26	4.37	4.48	4.56	4.62	4.67

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	476.021	479.238	482.655	486.082	490.434	494.259	497.905	501.575
% Ch, Annual Rate	3.0	2.7	2.9	2.9	3.6	3.2	3.0	3.0
Real Wage and Salary Disb.	249.717	251.617	253.604	255.655	258.082	260.433	262.649	264.850
% Ch, Annual Rate	3.1	3.1	3.2	3.3	3.9	3.7	3.4	3.4
Real Nonwage Income	226.303	227.621	229.051	230.428	232.352	233.826	235.256	236.725
% Ch, Annual Rate	2.9	2.4	2.5	2.4	3.4	2.6	2.5	2.5
Real Per Capita Income (\$/Person)	59,991	60,198	60,431	60,666	61,017	61,302	61,567	61,835
% Ch, Annual Rate	1.7	1.4	1.6	1.6	2.3	1.9	1.7	1.8
Price and Wage Indexes								
U.S. Implicit Price Deflator, PCE (2012=1.0)	1.153	1.159	1.164	1.170	1.176	1.181	1.187	1.193
% Ch, Annual Rate	2.0	1.9	2.0	2.0	1.9	2.0	2.0	2.0
Seattle Cons. Price Index (1982-84=1.0)	2.926	2.941	2.957	2.974	2.990	3.006	3.023	3.039
% Ch, Annual Rate	2.2	2.1	2.2	2.2	2.2	2.2	2.2	2.2
Average Nonfarm Annual Wage	77,628	78,390	79,196	80,027	80,935	81,857	82,801	83,752
% Ch, Annual Rate	4.0	4.0	4.2	4.3	4.6	4.6	4.7	4.7
Avg. Hourly Earnings-Mfg. (\$/Hour)	32.31	32.60	32.89	33.18	33.50	33.82	34.14	34.47
% Ch, Annual Rate	3.7	3.6	3.5	3.6	3.9	3.9	3.9	3.9
Current Dollar Income (Billions of Dollars)								
Personal Income	548.988	555.353	562.023	568.766	576.633	583.951	591.132	598.397
% Ch, Annual Rate	5.0	4.7	4.9	4.9	5.6	5.2	5.0	5.0
Disposable Personal Income	484.549	490.092	495.797	501.537	508.210	514.364	520.388	526.438
% Ch, Annual Rate	5.1	4.7	4.7	4.7	5.4	4.9	4.8	4.7
Per Capita Income (\$/Person)	69,187	69,759	70,368	70,985	71,741	72,427	73,095	73,772
% Ch, Annual Rate	3.6	3.3	3.5	3.6	4.3	3.9	3.7	3.8
Employment (Thousands)								
Washington Civilian Labor Force	4,042.5	4,055.7	4,068.4	4,080.8	4,093.3	4,105.4	4,117.1	4,128.6
Total Washington Employment	3,852.1	3,863.4	3,874.2	3,884.5	3,895.1	3,905.4	3,915.1	3,924.5
Unemployment Rate (%)	4.71	4.74	4.77	4.81	4.84	4.87	4.91	4.94
Nonfarm Payroll Employment	3,602.6	3,612.2	3,621.5	3,630.9	3,641.9	3,651.7	3,658.8	3,665.8
% Ch, Annual Rate	1.1	1.1	1.0	1.0	1.2	1.1	0.8	0.8
Manufacturing	292.7	293.1	293.7	294.6	295.5	296.5	297.1	297.6
% Ch, Annual Rate	0.5	0.5	0.8	1.1	1.4	1.3	0.9	0.7
Durable Manufacturing	206.5	206.9	207.5	208.2	209.1	210.0	210.7	211.3
% Ch, Annual Rate	0.8	0.7	1.1	1.5	1.7	1.7	1.3	1.2
Aerospace	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Nondurable Manufacturing	86.2	86.2	86.3	86.3	86.4	86.5	86.5	86.4
% Ch, Annual Rate	-0.1	0.1	0.1	0.2	0.6	0.4	-0.2	-0.4
Construction	211.0	211.0	210.6	210.4	210.4	210.4	210.5	210.7
% Ch, Annual Rate	-0.7	-0.1	-0.7	-0.3	-0.1	0.1	0.2	0.2
Service-Providing	3,092.8	3,102.1	3,111.0	3,119.7	3,129.8	3,138.6	3,145.0	3,151.4
% Ch, Annual Rate	1.3	1.2	1.2	1.1	1.3	1.1	0.8	0.8
Software Publishers	72.0	72.3	72.6	72.8	73.1	73.5	73.8	74.1
% Ch, Annual Rate	1.3	1.5	1.6	1.6	1.6	1.7	1.7	1.7
Electronic Shopping and Mail-Order	66.1	66.6	67.0	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	43.217	42.869	42.615	42.408	42.229	42.307	42.178	41.949
% Ch, Annual Rate	2.7	-3.2	-2.3	-1.9	-1.7	0.7	-1.2	-2.2
Single-Family	23.141	23.208	23.211	23.229	23.250	23.339	23.514	23.684
% Ch, Annual Rate	5.3	1.2	0.1	0.3	0.4	1.5	3.0	2.9
Multi-Family	20.076	19.661	19.404	19.179	18.979	18.967	18.664	18.264
% Ch, Annual Rate	-0.1	-8.0	-5.1	-4.6	-4.1	-0.2	-6.3	-8.3
30-Year Fixed Mortgage Rate (%)	4.72	4.76	4.80	4.84	4.87	4.88	4.85	4.83

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	153.14	154.13	154.92	155.70
% Ch	1.8	1.6	1.7	1.6	1.2	0.6	0.5	0.5
Manufacturing	12.35	12.44	12.69	12.83	12.71	12.44	12.35	12.39
% Ch	0.1	0.7	2.0	1.1	-1.0	-2.1	-0.7	0.3
Durable Manufacturing	7.71	7.74	7.94	8.05	7.99	7.81	7.77	7.84
% Ch	-0.7	0.3	2.7	1.4	-0.8	-2.2	-0.5	0.9
Wood Products	0.39	0.40	0.41	0.41	0.42	0.42	0.44	0.46
% Ch	2.7	1.1	2.4	0.6	1.7	1.6	5.1	4.7
Primary and Fabricated Metals	1.80	1.80	1.84	1.87	1.83	1.77	1.77	1.82
% Ch	-3.0	0.0	2.7	1.1	-1.7	-3.8	0.0	2.8
Computer and Electronic Products	1.05	1.04	1.06	1.08	1.08	1.07	1.08	1.09
% Ch	-0.5	-0.9	1.6	2.8	-0.6	-0.3	0.7	0.9
Machinery and Electrical Equipment	1.46	1.47	1.52	1.55	1.54	1.52	1.53	1.57
% Ch	-3.0	0.4	3.7	2.1	-0.6	-1.3	0.8	2.2
Transportation Equipment	1.63	1.64	1.70	1.72	1.71	1.66	1.59	1.55
% Ch	1.6	0.8	3.6	0.9	-0.6	-2.7	-4.0	-3.1
Other Durables	1.39	1.40	1.42	1.42	1.41	1.36	1.35	1.35
% Ch	1.3	0.9	1.3	0.5	-1.2	-3.1	-1.3	0.4
Nondurable Manufacturing	4.64	4.70	4.74	4.78	4.72	4.63	4.59	4.55
% Ch	1.5	1.3	0.9	0.8	-1.2	-1.9	-1.0	-0.7
Food Manufacturing	1.56	1.60	1.62	1.63	1.63	1.63	1.63	1.64
% Ch	3.0	2.7	1.3	0.8	-0.2	-0.1	0.4	0.4
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	0.6	-2.6	-3.7	-1.7	-0.7
Other Nondurables	2.71	2.73	2.76	2.78	2.73	2.66	2.61	2.57
% Ch	1.0	0.9	0.8	0.8	-1.7	-2.7	-1.8	-1.5
Natural Resources and Mining	0.67	0.68	0.73	0.76	0.76	0.76	0.77	0.78
% Ch	-17.8	1.1	8.3	3.3	0.3	0.7	1.3	1.0
Construction	6.73	6.97	7.29	7.50	7.54	7.60	7.73	7.90
% Ch	4.1	3.6	4.6	3.0	0.5	0.8	1.7	2.2
Trade, Transportation, and Utilities	27.20	27.40	27.65	27.85	27.81	27.73	27.51	27.28
% Ch	1.4	0.7	0.9	0.7	-0.1	-0.3	-0.8	-0.9
Wholesale Trade	5.79	5.81	5.85	5.95	6.00	6.03	6.03	6.03
% Ch	0.1	0.5	0.7	1.7	0.8	0.5	0.0	0.0
Retail Trade	15.84	15.84	15.82	15.77	15.67	15.59	15.41	15.23
% Ch	1.4	0.0	-0.1	-0.3	-0.6	-0.6	-1.1	-1.2
Trans., Warehousing, and Utilities	5.57	5.75	5.97	6.12	6.14	6.12	6.07	6.02
% Ch	2.6	3.1	3.9	2.5	0.2	-0.4	-0.8	-0.8
Information	2.79	2.81	2.83	2.81	2.83	2.86	2.85	2.91
% Ch	1.6	0.7	0.5	-0.6	0.9	1.0	-0.5	2.2
Publishing Industries	0.73	0.73	0.73	0.73	0.70	0.66	0.64	0.63
% Ch	0.5	-0.2	0.5	-0.1	-4.7	-4.9	-3.2	-1.7
Other Information	2.06	2.08	2.09	2.08	2.14	2.20	2.21	2.28
% Ch	1.9	1.0	0.5	-0.7	2.9	2.9	0.3	3.3
Financial Activities	8.29	8.45	8.57	8.66	8.71	8.75	8.76	8.73
% Ch	2.0	2.0	1.4	1.0	0.5	0.6	0.1	-0.3
Professional and Business Services	20.11	20.51	21.00	21.48	22.27	23.17	23.87	24.55
% Ch	2.1	2.0	2.4	2.3	3.7	4.1	3.0	2.8
Education and Health Services	22.64	23.19	23.67	24.26	24.58	24.76	24.79	24.77
% Ch	2.8	2.4	2.1	2.5	1.3	0.7	0.1	-0.1
Leisure and Hospitality	15.66	16.05	16.35	16.75	17.18	17.29	17.42	17.43
% Ch	3.3	2.5	1.9	2.4	2.6	0.6	0.8	0.1
Other Services	5.69	5.77	5.84	5.94	5.93	5.89	5.84	5.77
% Ch	1.2	1.4	1.3	1.6	-0.2	-0.6	-0.9	-1.0
Federal Government	2.79	2.80	2.80	2.81	2.94	2.81	2.81	2.81
% Ch	1.4	0.4	-0.3	0.5	4.6	-4.2	0.0	0.0
State and Local Government	19.44	19.55	19.65	19.74	19.89	20.05	20.22	20.38
% Ch	0.9	0.6	0.5	0.5	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	151.13	151.66	152.08
% Ch, Annual Rate	1.8	1.9	1.8	1.7	1.7	1.2	1.4	1.1
Manufacturing	12.59	12.66	12.72	12.79	12.83	12.84	12.84	12.82
% Ch, Annual Rate	2.3	2.3	1.9	2.2	1.4	0.4	-0.2	-0.5
Durable Manufacturing	7.86	7.92	7.97	8.02	8.06	8.06	8.05	8.04
% Ch, Annual Rate	3.4	3.0	2.7	2.4	1.8	0.2	-0.5	-0.3
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	0.6	-1.4	-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	-0.7	0.0	0.7
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	2.8	4.7	-0.2
Machinery and Electrical Equipment	1.49	1.51	1.53	1.54	1.54	1.54	1.56	1.56
% Ch, Annual Rate	3.8	5.3	3.6	2.8	1.6	-0.1	3.3	1.0
Transportation Equipment	1.68	1.69	1.71	1.73	1.74	1.74	1.71	1.69
% Ch, Annual Rate	4.9	3.3	4.0	4.5	1.9	0.4	-7.2	-3.3
Other Durables	1.41	1.41	1.42	1.42	1.43	1.42	1.42	1.43
% Ch, Annual Rate	2.2	1.1	1.0	1.8	0.3	-0.3	-0.6	0.6
Nondurable Manufacturing	4.73	4.74	4.74	4.77	4.77	4.78	4.79	4.78
% Ch, Annual Rate	0.5	1.0	0.6	1.8	0.7	0.6	0.4	-0.7
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	-0.4	-1.1
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	-0.4	-0.9	-1.1
Other Nondurables	2.75	2.75	2.76	2.77	2.77	2.78	2.78	2.78
% Ch, Annual Rate	0.3	0.7	0.3	1.3	0.7	0.9	1.1	-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	0.5	-1.7	0.0
Construction	7.18	7.26	7.33	7.39	7.45	7.49	7.53	7.55
% Ch, Annual Rate	6.7	4.8	4.0	3.1	3.2	2.5	1.8	1.4
Trade, Transportation, and Utilities	27.55	27.61	27.68	27.76	27.82	27.82	27.87	27.88
% Ch, Annual Rate	1.2	0.9	0.9	1.2	0.9	-0.1	0.7	0.1
Wholesale Trade	5.83	5.83	5.86	5.89	5.92	5.93	5.96	5.99
% Ch, Annual Rate	0.5	-0.1	2.4	1.8	1.9	1.2	1.7	2.1
Retail Trade	15.83	15.84	15.82	15.81	15.82	15.78	15.77	15.72
% Ch, Annual Rate	0.2	0.3	-0.5	-0.1	0.1	-0.9	-0.3	-1.1
Trans., Warehousing, and Utilities	5.90	5.95	5.99	6.06	6.09	6.10	6.14	6.16
% Ch, Annual Rate	4.4	3.5	3.2	4.4	2.1	0.9	2.5	1.5
Information	2.82	2.83	2.83	2.83	2.81	2.81	2.81	2.81
% Ch, Annual Rate	-0.1	2.1	-0.5	0.4	-2.5	-0.7	1.0	-1.2
Publishing Industries	0.73	0.73	0.73	0.73	0.73	0.74	0.73	0.72
% Ch, Annual Rate	0.8	0.4	0.6	0.1	0.2	2.0	-2.4	-5.8
Other Information	2.08	2.10	2.09	2.10	2.08	2.07	2.08	2.08
% Ch, Annual Rate	-0.4	2.6	-0.9	0.5	-3.4	-1.6	2.2	0.4
Financial Activities	8.52	8.55	8.58	8.61	8.63	8.65	8.66	8.69
% Ch, Annual Rate	1.4	1.5	1.4	1.4	0.7	1.2	0.6	1.1
Professional and Business Services	20.77	20.93	21.07	21.22	21.30	21.42	21.55	21.63
% Ch, Annual Rate	2.2	3.0	2.8	2.8	1.6	2.2	2.4	1.6
Education and Health Services	23.48	23.59	23.74	23.86	24.02	24.18	24.35	24.50
% Ch, Annual Rate	2.3	1.9	2.6	2.0	2.7	2.8	2.9	2.5
Leisure and Hospitality	16.23	16.30	16.38	16.50	16.66	16.70	16.77	16.87
% Ch, Annual Rate	1.5	1.8	2.0	2.9	3.9	1.1	1.7	2.2
Other Services	5.81	5.84	5.85	5.87	5.90	5.93	5.95	5.97
% Ch, Annual Rate	0.8	2.2	0.8	1.2	1.8	2.1	1.5	1.7
Federal Government	2.79	2.79	2.80	2.80	2.80	2.81	2.81	2.81
% Ch, Annual Rate	-0.8	0.1	0.4	0.5	0.2	1.5	0.1	0.0
State and Local Government	19.60	19.64	19.69	19.68	19.71	19.72	19.76	19.79
% Ch, Annual Rate	0.4	0.8	0.9	0.0	0.4	0.4	0.7	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	152.57	153.21	153.29	153.47	153.75	154.03	154.26	154.46
% Ch, Annual Rate	1.3	1.7	0.2	0.5	0.7	0.7	0.6	0.5
Manufacturing	12.85	12.76	12.64	12.57	12.48	12.45	12.43	12.39
% Ch, Annual Rate	1.0	-2.9	-3.6	-2.3	-2.7	-1.0	-0.7	-1.2
Durable Manufacturing	8.08	8.02	7.94	7.90	7.83	7.82	7.80	7.78
% Ch, Annual Rate	1.7	-2.7	-3.9	-2.3	-3.2	-0.8	-0.7	-1.2
Wood Products	0.42	0.42	0.41	0.42	0.42	0.42	0.42	0.43
% Ch, Annual Rate	8.3	0.2	-1.7	0.5	0.6	4.8	3.5	4.0
Primary and Fabricated Metals	1.87	1.85	1.82	1.80	1.78	1.77	1.76	1.76
% Ch, Annual Rate	0.1	-4.3	-5.4	-4.5	-5.0	-2.4	-1.6	-1.2
Computer and Electronic Products	1.09	1.08	1.07	1.07	1.07	1.07	1.08	1.08
% Ch, Annual Rate	-1.4	-3.2	-2.2	-0.9	-0.1	1.0	1.0	0.7
Machinery and Electrical Equipment	1.56	1.55	1.53	1.53	1.52	1.52	1.52	1.52
% Ch, Annual Rate	1.0	-4.1	-4.6	-1.0	-1.5	0.3	0.3	-0.1
Transportation Equipment	1.72	1.72	1.70	1.69	1.67	1.67	1.66	1.64
% Ch, Annual Rate	5.8	0.0	-3.2	-1.6	-5.0	-1.6	-1.7	-3.9
Other Durables	1.43	1.42	1.40	1.39	1.37	1.37	1.36	1.35
% Ch, Annual Rate	0.5	-3.0	-4.3	-3.4	-4.1	-1.9	-1.9	-2.4
Nondurable Manufacturing	4.77	4.74	4.70	4.67	4.65	4.64	4.63	4.61
% Ch, Annual Rate	-0.3	-3.1	-3.0	-2.3	-1.9	-1.3	-0.8	-1.2
Food Manufacturing	1.64	1.63	1.63	1.62	1.62	1.63	1.63	1.63
% Ch, Annual Rate	2.5	-1.5	-1.5	-0.9	0.5	0.4	1.2	0.3
Paper and Paper Products	0.37	0.36	0.36	0.35	0.35	0.35	0.35	0.34
% Ch, Annual Rate	-1.6	-5.0	-5.1	-4.5	-4.2	-2.3	-2.0	-2.2
Other Nondurables	2.77	2.74	2.72	2.70	2.68	2.66	2.65	2.64
% Ch, Annual Rate	-1.7	-3.8	-3.6	-2.9	-3.1	-2.1	-1.8	-2.0
Natural Resources and Mining	0.76	0.76	0.76	0.76	0.76	0.76	0.76	0.77
% Ch, Annual Rate	0.4	1.2	1.7	-0.1	0.0	0.8	1.0	1.6
Construction	7.54	7.54	7.53	7.55	7.57	7.59	7.61	7.64
% Ch, Annual Rate	-0.5	-0.3	-0.1	1.0	1.2	0.7	1.0	1.6
Trade, Transportation, and Utilities	27.82	27.80	27.83	27.80	27.80	27.77	27.70	27.65
% Ch, Annual Rate	-0.8	-0.3	0.3	-0.4	0.0	-0.3	-1.0	-0.7
Wholesale Trade	5.99	5.99	6.00	6.01	6.03	6.03	6.03	6.03
% Ch, Annual Rate	0.1	0.2	0.6	0.6	0.9	0.4	-0.1	-0.1
Retail Trade	15.68	15.67	15.69	15.65	15.64	15.62	15.56	15.53
% Ch, Annual Rate	-1.0	-0.3	0.4	-0.8	-0.3	-0.6	-1.4	-0.9
Trans., Warehousing, and Utilities	6.15	6.14	6.14	6.13	6.13	6.12	6.11	6.10
% Ch, Annual Rate	-1.1	-0.5	-0.2	-0.4	0.0	-0.5	-0.8	-0.9
Information	2.81	2.82	2.85	2.86	2.87	2.87	2.86	2.85
% Ch, Annual Rate	0.0	2.2	4.6	0.9	1.9	-0.8	-0.9	-1.8
Publishing Industries	0.71	0.70	0.69	0.68	0.67	0.67	0.66	0.65
% Ch, Annual Rate	-5.2	-5.9	-6.0	-5.1	-4.6	-4.8	-4.4	-4.1
Other Information	2.09	2.12	2.16	2.18	2.20	2.20	2.20	2.19
% Ch, Annual Rate	1.8	5.1	8.2	2.9	4.0	0.4	0.1	-1.1
Financial Activities	8.67	8.69	8.73	8.74	8.75	8.75	8.76	8.76
% Ch, Annual Rate	-1.0	1.3	1.6	0.4	0.5	0.1	0.3	0.2
Professional and Business Services	21.93	22.17	22.36	22.61	22.88	23.09	23.27	23.44
% Ch, Annual Rate	5.5	4.6	3.4	4.5	4.9	3.8	3.1	3.0
Education and Health Services	24.54	24.55	24.60	24.65	24.72	24.76	24.78	24.79
% Ch, Annual Rate	0.6	0.2	0.8	0.8	1.2	0.6	0.3	0.2
Leisure and Hospitality	17.03	17.15	17.26	17.27	17.20	17.25	17.32	17.38
% Ch, Annual Rate	3.9	2.9	2.4	0.4	-1.6	1.0	1.8	1.2
Other Services	5.95	5.93	5.92	5.91	5.91	5.90	5.88	5.87
% Ch, Annual Rate	-2.0	-1.1	-0.4	-0.8	-0.1	-0.6	-1.1	-1.0
Federal Government	2.87	3.17	2.91	2.81	2.81	2.81	2.81	2.81
% Ch, Annual Rate	7.7	48.9	-29.0	-12.2	0.0	0.0	0.0	0.0
State and Local Government	19.82	19.87	19.91	19.95	19.99	20.03	20.07	20.11
% Ch, Annual Rate	0.7	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	154.65	154.83	155.02	155.20	155.48	155.69	155.78	155.87
% Ch, Annual Rate	0.5	0.5	0.5	0.5	0.7	0.6	0.2	0.2
Manufacturing	12.37	12.35	12.34	12.35	12.37	12.39	12.40	12.39
% Ch, Annual Rate	-0.7	-0.8	-0.2	0.2	0.9	0.6	0.1	-0.1
Durable Manufacturing	7.77	7.76	7.76	7.77	7.81	7.83	7.85	7.86
% Ch, Annual Rate	-0.5	-0.7	0.1	0.7	1.6	1.4	0.9	0.6
Wood Products	0.43	0.44	0.45	0.45	0.46	0.46	0.47	0.47
% Ch, Annual Rate	5.8	5.4	6.0	6.2	4.8	4.1	2.5	2.6
Primary and Fabricated Metals	1.76	1.76	1.77	1.78	1.79	1.81	1.82	1.84
% Ch, Annual Rate	0.5	0.7	1.7	2.6	3.4	3.8	3.0	2.5
Computer and Electronic Products	1.08	1.08	1.08	1.09	1.09	1.09	1.09	1.10
% Ch, Annual Rate	0.8	0.2	0.6	1.0	1.2	1.1	0.9	0.5
Machinery and Electrical Equipment	1.52	1.53	1.53	1.54	1.56	1.56	1.57	1.58
% Ch, Annual Rate	0.8	0.8	1.8	2.5	2.9	2.4	1.7	1.5
Transportation Equipment	1.62	1.60	1.58	1.57	1.56	1.55	1.54	1.53
% Ch, Annual Rate	-4.4	-5.2	-4.7	-4.2	-1.4	-2.8	-2.2	-2.9
Other Durables	1.35	1.34	1.34	1.34	1.35	1.35	1.35	1.35
% Ch, Annual Rate	-1.2	-1.2	-0.3	0.3	0.8	1.3	0.4	0.3
Nondurable Manufacturing	4.60	4.59	4.58	4.57	4.57	4.56	4.55	4.53
% Ch, Annual Rate	-1.1	-0.9	-0.9	-0.7	-0.4	-0.6	-1.2	-1.4
Food Manufacturing	1.63	1.63	1.64	1.64	1.64	1.64	1.64	1.64
% Ch, Annual Rate	0.3	0.4	0.3	0.4	0.8	0.7	-0.1	-0.3
Paper and Paper Products	0.34	0.34	0.34	0.34	0.34	0.34	0.34	0.34
% Ch, Annual Rate	-1.9	-1.5	-1.1	-0.7	-0.2	-0.5	-1.1	-1.2
Other Nondurables	2.63	2.62	2.61	2.60	2.59	2.58	2.57	2.55
% Ch, Annual Rate	-1.8	-1.6	-1.5	-1.4	-1.2	-1.4	-1.9	-2.1
Natural Resources and Mining	0.77	0.77	0.77	0.78	0.78	0.78	0.78	0.78
% Ch, Annual Rate	1.1	1.6	1.5	1.2	0.7	0.6	1.3	1.5
Construction	7.67	7.71	7.75	7.79	7.83	7.87	7.92	7.97
% Ch, Annual Rate	1.9	2.0	1.9	2.0	2.2	2.3	2.3	2.4
Trade, Transportation, and Utilities	27.61	27.54	27.48	27.42	27.38	27.32	27.24	27.16
% Ch, Annual Rate	-0.7	-0.9	-0.9	-0.9	-0.5	-0.9	-1.2	-1.2
Wholesale Trade	6.03	6.03	6.03	6.03	6.03	6.03	6.03	6.03
% Ch, Annual Rate	0.1	-0.1	0.0	0.1	-0.2	0.0	-0.1	0.0
Retail Trade	15.49	15.44	15.39	15.34	15.32	15.27	15.20	15.13
% Ch, Annual Rate	-0.9	-1.3	-1.4	-1.3	-0.4	-1.3	-1.8	-1.8
Trans., Warehousing, and Utilities	6.09	6.07	6.06	6.05	6.03	6.02	6.01	6.00
% Ch, Annual Rate	-0.7	-0.9	-0.8	-0.7	-1.0	-0.7	-0.9	-0.8
Information	2.84	2.84	2.85	2.85	2.87	2.90	2.92	2.94
% Ch, Annual Rate	-0.3	-0.6	0.7	1.3	2.5	3.6	3.3	2.8
Publishing Industries	0.65	0.64	0.64	0.64	0.63	0.63	0.63	0.63
% Ch, Annual Rate	-3.2	-2.4	-2.0	-1.7	-1.8	-1.2	-1.3	-1.3
Other Information	2.20	2.20	2.21	2.22	2.24	2.27	2.29	2.32
% Ch, Annual Rate	0.6	-0.1	1.6	2.1	3.8	5.0	4.7	4.0
Financial Activities	8.77	8.77	8.76	8.76	8.74	8.74	8.73	8.72
% Ch, Annual Rate	0.2	0.0	-0.2	-0.1	-0.7	-0.4	-0.4	-0.2
Professional and Business Services	23.62	23.79	23.95	24.11	24.37	24.52	24.61	24.70
% Ch, Annual Rate	3.1	2.8	2.8	2.6	4.3	2.5	1.5	1.4
Education and Health Services	24.80	24.79	24.79	24.79	24.78	24.78	24.76	24.75
% Ch, Annual Rate	0.1	-0.1	0.0	0.0	-0.2	0.0	-0.2	-0.1
Leisure and Hospitality	17.37	17.42	17.44	17.45	17.42	17.43	17.43	17.43
% Ch, Annual Rate	-0.1	1.1	0.5	0.1	-0.6	0.3	-0.1	0.0
Other Services	5.86	5.84	5.83	5.82	5.79	5.78	5.77	5.76
% Ch, Annual Rate	-0.8	-0.9	-0.9	-1.0	-1.4	-1.0	-0.8	-0.7
Federal Government	2.81	2.81	2.81	2.81	2.81	2.81	2.81	2.81
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
State and Local Government	20.16	20.20	20.24	20.28	20.32	20.36	20.41	20.45
% Ch, Annual Rate	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8

Table A2.3

Washington Nonagricultural Employment by Industry (Thousands)

Forecast 2019 to 2023

	2016	2017	2018	2019	2020	2021	2022	2023
Nonfarm Payroll Employment	3,242.8	3,321.2	3,404.2	3,470.4	3,532.6	3,577.2	3,616.8	3,654.5
% Ch	3.1	2.4	2.5	1.9	1.8	1.3	1.1	1.0
Manufacturing	290.4	284.2	287.5	295.2	294.6	292.2	293.5	296.7
% Ch	-0.7	-2.1	1.2	2.7	-0.2	-0.8	0.5	1.1
Durable Manufacturing	207.7	200.3	202.1	207.6	207.4	205.9	207.3	210.3
% Ch	-1.7	-3.5	0.9	2.8	-0.1	-0.7	0.7	1.4
Wood Products	13.1	12.9	13.0	13.2	13.2	13.1	13.4	13.7
% Ch	-1.6	-1.7	0.9	1.5	0.2	-0.7	2.2	1.9
Primary and Fabricated Metals	25.2	25.1	26.1	26.6	26.1	25.1	25.1	25.9
% Ch	-2.0	-0.6	4.0	2.0	-1.7	-4.0	0.1	3.1
Computer and Electronic Products	20.1	19.6	19.8	19.9	19.8	20.0	20.4	21.0
% Ch	0.7	-2.3	0.8	0.6	-0.4	0.6	2.3	2.7
Machinery and Electrical Equipment	20.5	20.7	21.3	21.1	21.1	21.3	22.1	23.5
% Ch	-1.2	1.0	2.8	-0.7	-0.3	1.0	4.0	6.1
Aerospace	91.0	84.2	84.0	88.8	89.8	89.8	89.8	89.8
% Ch	-3.2	-7.5	-0.3	5.8	1.0	0.0	0.0	0.0
Other Transportation Equip.	10.2	10.2	9.9	9.8	9.4	9.0	8.7	8.5
% Ch	-0.9	0.1	-3.1	-0.7	-4.4	-3.6	-3.2	-2.8
Other Durables	27.6	27.7	28.1	28.2	28.0	27.7	27.7	28.0
% Ch	1.2	0.2	1.6	0.4	-0.7	-1.0	0.0	1.0
Nondurable Manufacturing	82.7	83.9	85.5	87.6	87.2	86.3	86.3	86.4
% Ch	2.0	1.4	1.9	2.5	-0.4	-1.1	0.0	0.2
Food Manufacturing	37.6	38.0	38.9	39.9	39.7	39.4	39.2	39.1
% Ch	1.9	1.3	2.3	2.5	-0.4	-0.9	-0.4	-0.4
Paper and Paper Products	7.8	7.7	7.6	7.5	7.2	6.8	6.6	6.5
% Ch	-3.5	-0.2	-1.8	-0.9	-4.8	-5.2	-3.0	-1.8
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	0.4	-0.5	0.8	1.2
Natural Resources and Mining	6.3	6.2	6.3	6.1	6.1	6.1	6.1	6.2
% Ch	-0.8	-1.0	1.5	-3.9	1.4	-0.7	0.2	0.9
Construction	186.6	199.8	213.4	217.0	214.4	211.8	210.7	210.5
% Ch	7.7	7.0	6.8	1.7	-1.2	-1.2	-0.5	-0.1
Trade, Transportation, and Utilities	605.7	624.6	637.2	644.2	649.8	653.8	654.2	653.6
% Ch	3.1	3.1	2.0	1.1	0.9	0.6	0.1	-0.1
Wholesale Trade	132.1	133.3	136.4	139.1	140.7	142.0	142.6	143.0
% Ch	0.6	0.9	2.3	2.0	1.2	0.9	0.5	0.3
Retail Trade	365.2	378.7	386.2	389.7	393.0	395.7	395.9	395.3
% Ch	3.2	3.7	2.0	0.9	0.8	0.7	0.0	-0.1
Electronic Shopping and Mail-Order	38.2	49.7	54.8	59.5	62.5	64.9	66.8	68.5
% Ch	26.6	30.1	10.2	8.7	5.0	3.8	3.0	2.5
Other Retail Trade	327.0	329.0	331.4	330.2	330.5	330.8	329.1	326.9
% Ch	1.0	0.6	0.7	-0.4	0.1	0.1	-0.5	-0.7
Trans., Warehousing, and Utilities	108.4	112.6	114.6	115.5	116.1	116.1	115.7	115.2
% Ch	6.0	3.8	1.9	0.7	0.6	0.0	-0.4	-0.4
Information	121.4	126.3	133.6	141.8	145.8	147.9	148.4	152.1
% Ch	6.2	4.1	5.8	6.2	2.8	1.4	0.4	2.5
Software Publishers	58.9	61.4	65.3	69.8	70.9	71.5	72.4	73.6
% Ch	5.3	4.2	6.4	6.8	1.6	0.8	1.3	1.6
Other Publishing Industries	5.9	5.5	5.1	4.6	3.9	3.2	2.7	2.3
% Ch	-4.0	-6.8	-7.7	-9.7	-16.0	-17.3	-15.8	-13.6
Other Information	56.5	59.4	63.2	67.5	71.1	73.2	73.3	76.2
% Ch	8.4	5.0	6.4	6.8	5.4	3.0	0.1	3.9
Financial Activities	151.0	154.0	157.5	158.1	158.6	159.0	158.5	157.0
% Ch	2.1	2.0	2.3	0.4	0.4	0.2	-0.3	-0.9
Professional and Business Services	401.5	413.4	426.1	438.0	456.6	476.4	492.9	508.8
% Ch	3.5	3.0	3.1	2.8	4.2	4.4	3.5	3.2
Education and Health Services	463.5	475.6	491.4	503.9	514.6	522.7	528.2	532.4
% Ch	3.4	2.6	3.3	2.6	2.1	1.6	1.1	0.8
Leisure and Hospitality	323.3	331.5	342.3	350.7	361.0	365.5	370.2	372.5
% Ch	4.3	2.6	3.3	2.4	2.9	1.3	1.3	0.6
Other Services	117.6	119.7	121.7	126.4	128.9	130.8	132.6	134.2
% Ch	2.3	1.8	1.7	3.8	2.0	1.5	1.4	1.2
Federal Government	74.5	74.8	74.7	76.6	79.9	77.9	78.3	78.6
% Ch	1.9	0.4	-0.2	2.6	4.3	-2.5	0.5	0.4
State and Local Government	501.1	511.0	512.4	512.3	522.3	532.9	543.2	551.8
% Ch	2.5	2.0	0.3	0.0	2.0	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	3,460.6	3,483.2	3,496.6
% Ch, Annual Rate	3.8	1.5	2.0	2.2	1.3	2.3	2.6	1.5
Manufacturing	284.8	285.9	288.0	291.4	293.8	294.4	296.3	296.3
% Ch, Annual Rate	3.2	1.5	3.0	4.8	3.3	0.8	2.7	0.0
Durable Manufacturing	199.6	200.9	202.8	204.9	206.6	207.1	208.4	208.4
% Ch, Annual Rate	2.8	2.5	3.8	4.3	3.4	0.8	2.5	0.1
Wood Products	13.1	13.0	12.9	12.9	13.1	13.2	13.2	13.2
% Ch, Annual Rate	4.0	-1.5	-3.1	0.9	4.6	4.1	1.0	-2.4
Primary and Fabricated Metals	25.7	26.1	26.2	26.3	26.6	26.6	26.6	26.6
% Ch, Annual Rate	9.7	5.4	1.8	2.4	3.8	0.5	-0.4	0.7
Computer and Electronic Products	19.7	19.7	19.9	19.9	19.7	19.8	20.1	20.1
% Ch, Annual Rate	1.7	0.0	2.5	0.0	-3.8	2.7	5.3	0.8
Machinery and Electrical Equipment	21.1	21.2	21.3	21.5	21.8	20.9	20.8	21.1
% Ch, Annual Rate	1.3	2.3	1.5	4.6	4.3	-15.6	-0.2	4.1
Aerospace	82.3	83.0	84.6	86.0	87.2	88.6	89.8	89.8
% Ch, Annual Rate	2.3	3.6	8.0	7.0	5.6	6.6	5.3	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	-0.3	-5.3
Other Durables	28.0	28.1	28.1	28.2	28.5	28.2	28.1	28.0
% Ch, Annual Rate	3.0	1.6	-0.2	2.2	4.2	-4.8	-1.5	-0.5
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	3.0	-0.3
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	3.7	-1.8
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	-10.2	-2.1
Other Nondurables	38.5	38.8	39.0	39.5	39.7	39.9	40.4	40.6
% Ch, Annual Rate	1.1	2.6	2.3	4.9	2.2	2.5	5.0	1.6
Natural Resources and Mining	6.3	6.3	6.3	6.2	6.2	6.0	6.0	6.1
% Ch, Annual Rate	5.8	0.5	0.5	-5.8	-5.1	-10.1	1.2	2.8
Construction	209.7	211.9	213.7	218.3	216.1	218.1	217.2	216.7
% Ch, Annual Rate	10.5	4.4	3.5	8.8	-3.9	3.8	-1.6	-1.0
Trade, Transportation, and Utilities	636.8	636.2	637.8	638.2	641.5	642.9	645.4	647.1
% Ch, Annual Rate	4.0	-0.4	1.0	0.2	2.1	0.9	1.5	1.1
Wholesale Trade	135.6	136.2	136.7	137.1	138.4	138.7	139.1	139.9
% Ch, Annual Rate	5.0	1.8	1.5	1.2	4.0	0.9	1.1	2.4
Retail Trade	386.8	385.4	386.4	386.2	388.8	388.9	390.3	390.8
% Ch, Annual Rate	5.0	-1.4	1.0	-0.2	2.7	0.2	1.4	0.5
Electronic Shopping and Mail-Order	54.3	54.3	54.2	56.2	58.4	59.0	59.9	60.7
% Ch	6.8	0.1	-0.8	15.4	16.8	4.1	6.0	5.6
Other Retail Trade	332.5	331.1	332.2	330.0	330.3	329.9	330.4	330.1
% Ch	4.8	-1.6	1.3	-2.6	0.5	-0.5	0.6	-0.4
Trans., Warehousing, and Utilities	114.4	114.5	114.7	114.9	114.3	115.3	116.0	116.4
% Ch, Annual Rate	-0.3	0.3	0.6	0.7	-2.2	3.5	2.6	1.4
Information	129.9	132.4	135.0	137.1	139.2	141.2	143.4	143.6
% Ch, Annual Rate	5.5	8.1	8.2	6.3	6.1	6.0	6.4	0.6
Software Publishers	63.5	64.7	66.0	67.0	68.3	69.6	70.5	70.6
% Ch, Annual Rate	7.0	7.9	8.0	6.5	7.9	7.8	5.2	0.5
Other Publishing Industries	5.2	5.2	5.1	4.9	4.9	4.7	4.5	4.3
% Ch, Annual Rate	-7.9	-4.7	-6.0	-10.0	-3.9	-17.9	-10.9	-16.2
Other Information	61.2	62.5	64.0	65.1	65.9	66.9	68.4	68.7
% Ch, Annual Rate	5.2	9.4	9.5	7.4	5.0	6.1	8.9	1.8
Financial Activities	156.8	157.8	157.9	157.5	157.4	158.1	158.2	158.5
% Ch, Annual Rate	4.5	2.5	0.1	-1.0	-0.1	1.7	0.3	0.8
Professional and Business Services	422.1	424.1	427.4	430.9	432.5	436.3	440.3	443.0
% Ch, Annual Rate	5.5	2.0	3.2	3.2	1.5	3.5	3.8	2.4
Education and Health Services	486.5	489.2	492.8	497.0	497.8	501.9	506.1	509.9
% Ch, Annual Rate	3.3	2.2	3.0	3.5	0.6	3.4	3.4	3.0
Leisure and Hospitality	339.7	341.1	342.5	346.0	347.3	349.1	352.0	354.2
% Ch, Annual Rate	6.0	1.7	1.5	4.2	1.5	2.1	3.4	2.5
Other Services	120.8	121.3	122.3	122.5	125.0	125.8	127.0	127.7
% Ch, Annual Rate	1.4	1.8	3.1	0.5	8.6	2.6	3.8	2.2
Federal Government	74.7	74.7	74.4	75.0	75.5	76.7	77.1	77.2
% Ch, Annual Rate	-0.7	-0.2	-1.2	3.1	2.5	6.9	2.1	0.6
State and Local Government	513.5	513.4	512.9	509.9	509.0	510.0	514.0	516.1
% Ch, Annual Rate	-0.4	-0.1	-0.4	-2.3	-0.7	0.8	3.1	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	3,510.6	3,531.6	3,539.2	3,549.3	3,561.0	3,572.1	3,582.7	3,592.9
% Ch, Annual Rate	1.6	2.4	0.9	1.1	1.3	1.2	1.2	1.1
Manufacturing	296.7	295.2	293.6	292.8	292.1	292.1	292.3	292.4
% Ch, Annual Rate	0.4	-2.0	-2.1	-1.1	-1.0	0.0	0.3	0.1
Durable Manufacturing	208.7	207.8	206.7	206.2	205.7	205.8	206.0	206.1
% Ch, Annual Rate	0.5	-1.8	-2.1	-0.9	-1.1	0.3	0.3	0.2
Wood Products	13.3	13.3	13.1	13.1	13.0	13.1	13.1	13.2
% Ch, Annual Rate	4.9	-1.9	-3.5	-1.7	-1.6	1.9	0.8	1.3
Primary and Fabricated Metals	26.6	26.3	26.0	25.6	25.3	25.1	25.0	25.0
% Ch, Annual Rate	0.2	-4.4	-5.6	-4.8	-5.4	-2.6	-1.6	-1.2
Computer and Electronic Products	20.1	19.9	19.7	19.7	19.8	19.9	20.0	20.1
% Ch, Annual Rate	-1.1	-4.0	-2.5	-0.3	1.0	2.7	2.8	2.4
Machinery and Electrical Equipment	21.3	21.1	20.9	21.0	21.0	21.2	21.4	21.5
% Ch, Annual Rate	4.2	-3.2	-3.8	1.5	0.8	3.4	3.4	2.8
Aerospace	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
% 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	9.2	9.2	9.1	9.0	9.0	8.9
% Ch, Annual Rate	-4.5	-6.2	-7.0	-3.1	-4.8	-0.9	-1.4	-3.2
Other Durables	28.1	28.0	28.0	27.9	27.8	27.7	27.7	27.6
% Ch, Annual Rate	0.8	-0.7	-1.2	-1.1	-1.7	-0.7	-0.6	-0.4
Nondurable Manufacturing	88.0	87.4	86.9	86.6	86.4	86.3	86.3	86.2
% Ch, Annual Rate	0.2	-2.4	-2.2	-1.6	-1.0	-0.5	0.1	-0.3
Food Manufacturing	40.1	39.8	39.6	39.4	39.4	39.4	39.4	39.3
% Ch, Annual Rate	1.5	-2.2	-2.2	-1.7	-0.4	-0.4	0.3	-0.5
Paper and Paper Products	7.4	7.2	7.1	7.0	6.9	6.8	6.8	6.7
% Ch, Annual Rate	-2.6	-6.7	-6.9	-6.2	-5.8	-3.6	-3.2	-3.5
Other Nondurables	40.5	40.4	40.2	40.2	40.1	40.1	40.1	40.2
% Ch, Annual Rate	-0.5	-1.7	-1.4	-0.6	-0.8	0.0	0.5	0.6
Natural Resources and Mining	6.1	6.2	6.1	6.1	6.1	6.1	6.1	6.1
% Ch, Annual Rate	5.1	2.4	-1.5	-1.0	-0.7	-1.2	-0.4	-0.3
Construction	215.3	214.7	214.1	213.4	212.6	211.8	211.4	211.3
% Ch, Annual Rate	-2.6	-1.0	-1.2	-1.2	-1.5	-1.6	-0.7	-0.1
Trade, Transportation, and Utilities	647.6	649.0	651.0	651.8	653.1	653.9	653.9	654.1
% Ch, Annual Rate	0.3	0.8	1.2	0.5	0.8	0.5	0.0	0.2
Wholesale Trade	140.2	140.5	140.9	141.2	141.6	141.9	142.1	142.2
% Ch, Annual Rate	0.7	0.9	1.1	1.0	1.2	0.7	0.5	0.5
Retail Trade	391.4	392.4	393.9	394.4	395.2	395.8	395.7	395.9
% Ch, Annual Rate	0.5	1.0	1.6	0.5	0.9	0.6	-0.1	0.2
Electronic Shopping and Mail-Order	61.5	62.2	62.9	63.5	64.1	64.6	65.1	65.6
% Ch	5.1	4.7	4.3	4.0	3.7	3.5	3.3	3.1
Other Retail Trade	329.9	330.2	331.1	330.9	331.2	331.2	330.6	330.3
% Ch	-0.3	0.4	1.1	-0.2	0.3	0.1	-0.8	-0.3
Trans., Warehousing, and Utilities	116.1	116.1	116.2	116.2	116.3	116.2	116.1	116.0
% Ch, Annual Rate	-0.9	0.0	0.2	0.0	0.3	-0.2	-0.4	-0.5
Information	144.2	145.3	146.7	147.2	148.0	148.0	148.0	147.7
% Ch, Annual Rate	1.5	3.3	3.9	1.3	2.1	0.1	0.0	-0.6
Software Publishers	70.7	70.8	70.9	71.1	71.2	71.4	71.6	71.8
% Ch, Annual Rate	0.7	0.5	0.5	0.8	0.9	0.9	1.0	1.1
Other Publishing Industries	4.1	4.0	3.8	3.6	3.4	3.3	3.1	3.0
% Ch, Annual Rate	-15.6	-17.5	-18.4	-17.1	-16.7	-17.6	-17.4	-17.4
Other Information	69.3	70.5	72.0	72.5	73.3	73.3	73.3	73.0
% Ch, Annual Rate	3.5	7.5	8.9	2.8	4.2	0.1	-0.1	-1.5
Financial Activities	157.9	158.5	159.1	159.1	159.1	159.0	159.0	158.9
% Ch, Annual Rate	-1.5	1.3	1.5	0.1	0.1	-0.3	0.0	-0.2
Professional and Business Services	449.1	454.4	458.7	464.0	469.8	474.5	478.7	482.8
% Ch, Annual Rate	5.6	4.9	3.9	4.7	5.0	4.1	3.6	3.5
Education and Health Services	511.8	513.4	515.5	517.7	520.2	522.1	523.6	525.1
% Ch, Annual Rate	1.5	1.3	1.6	1.7	2.0	1.5	1.2	1.1
Leisure and Hospitality	357.5	360.2	362.6	363.5	363.2	364.5	366.4	367.9
% Ch, Annual Rate	3.8	3.1	2.6	1.1	-0.4	1.5	2.1	1.6
Other Services	128.1	128.6	129.1	129.6	130.1	130.6	131.1	131.5
% Ch, Annual Rate	1.4	1.5	1.6	1.5	1.6	1.5	1.4	1.4
Federal Government	77.9	85.1	79.0	77.7	77.8	77.9	78.0	78.1
% Ch, Annual Rate	3.2	42.9	-25.7	-6.7	0.5	0.5	0.5	0.5
State and Local Government	518.4	521.0	523.6	526.3	528.9	531.6	534.3	536.9
% Ch, Annual Rate	1.8	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	3,602.6	3,612.2	3,621.5	3,630.9	3,641.9	3,651.7	3,658.8	3,665.8
% Ch, Annual Rate	1.1	1.1	1.0	1.0	1.2	1.1	0.8	0.8
Manufacturing	292.7	293.1	293.7	294.6	295.5	296.5	297.1	297.6
% Ch, Annual Rate	0.5	0.5	0.8	1.1	1.4	1.3	0.9	0.7
Durable Manufacturing	206.5	206.9	207.5	208.2	209.1	210.0	210.7	211.3
% Ch, Annual Rate	0.8	0.7	1.1	1.5	1.7	1.7	1.3	1.2
Wood Products	13.3	13.3	13.4	13.5	13.6	13.7	13.7	13.7
% Ch, Annual Rate	2.8	2.5	3.0	3.1	1.9	1.4	0.1	0.1
Primary and Fabricated Metals	25.0	25.0	25.2	25.3	25.6	25.8	26.0	26.2
% Ch, Annual Rate	0.5	0.8	1.8	2.8	3.6	4.1	3.2	2.7
Computer and Electronic Products	20.3	20.3	20.5	20.6	20.8	20.9	21.1	21.2
% Ch, Annual Rate	2.6	1.5	2.3	2.8	3.1	3.0	2.7	2.1
Machinery and Electrical Equipment	21.7	22.0	22.2	22.6	23.0	23.4	23.7	24.0
% Ch, Annual Rate	4.1	4.1	5.5	6.6	7.1	6.3	5.3	5.1
Aerospace	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
% Ch, Annual Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other Transportation Equip.	8.8	8.8	8.7	8.6	8.6	8.5	8.5	8.4
% Ch, Annual Rate	-4.1	-3.9	-3.5	-2.5	-2.4	-2.7	-2.8	-2.6
Other Durables	27.7	27.7	27.7	27.8	27.9	28.0	28.0	28.1
% Ch, Annual Rate	0.2	0.2	0.6	0.9	1.2	1.5	1.2	1.2
Nondurable Manufacturing	86.2	86.2	86.3	86.3	86.4	86.5	86.5	86.4
% Ch, Annual Rate	-0.1	0.1	0.1	0.2	0.6	0.4	-0.2	-0.4
Food Manufacturing	39.3	39.3	39.2	39.2	39.2	39.1	39.1	38.9
% Ch, Annual Rate	-0.5	-0.5	-0.6	-0.4	0.0	-0.2	-0.9	-1.1
Paper and Paper Products	6.7	6.6	6.6	6.5	6.5	6.5	6.5	6.4
% Ch, Annual Rate	-3.2	-2.7	-2.2	-1.8	-1.1	-1.5	-2.2	-2.4
Other Nondurables	40.3	40.4	40.5	40.6	40.8	40.9	41.0	41.0
% Ch, Annual Rate	0.8	1.0	1.2	1.2	1.4	1.2	0.8	0.6
Natural Resources and Mining	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.2
% Ch, Annual Rate	0.3	0.7	0.9	1.3	0.6	1.1	0.7	1.1
Construction	211.0	211.0	210.6	210.4	210.4	210.4	210.5	210.7
% Ch, Annual Rate	-0.7	-0.1	-0.7	-0.3	-0.1	0.1	0.2	0.2
Trade, Transportation, and Utilities	654.4	654.3	654.1	653.9	654.3	654.1	653.4	652.7
% Ch, Annual Rate	0.2	-0.1	-0.1	-0.1	0.2	-0.1	-0.4	-0.4
Wholesale Trade	142.4	142.5	142.7	142.8	142.9	143.0	143.1	143.2
% Ch, Annual Rate	0.4	0.4	0.4	0.4	0.1	0.4	0.2	0.3
Retail Trade	396.1	396.0	395.8	395.5	396.1	395.8	395.1	394.4
% Ch, Annual Rate	0.2	-0.1	-0.2	-0.2	0.5	-0.3	-0.7	-0.7
Electronic Shopping and Mail-Order	66.1	66.6	67.0	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	330.0	329.4	328.8	328.1	328.2	327.5	326.4	325.3
% Ch	-0.3	-0.7	-0.8	-0.8	0.1	-0.9	-1.3	-1.3
Trans., Warehousing, and Utilities	115.9	115.8	115.7	115.6	115.4	115.3	115.2	115.1
% Ch, Annual Rate	-0.3	-0.4	-0.4	-0.3	-0.6	-0.3	-0.4	-0.4
Information	147.9	148.1	148.5	149.2	150.2	151.5	152.8	154.0
% Ch, Annual Rate	0.5	0.3	1.3	1.7	2.7	3.6	3.5	3.1
Software Publishers	72.0	72.3	72.6	72.8	73.1	73.5	73.8	74.1
% Ch, Annual Rate	1.3	1.5	1.6	1.6	1.6	1.7	1.7	1.7
Other Publishing Industries	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2
% Ch, Annual Rate	-15.9	-14.3	-13.8	-13.4	-14.1	-12.9	-13.6	-14.0
Other Information	73.1	73.0	73.4	73.8	74.6	75.7	76.8	77.7
% Ch, Annual Rate	0.5	-0.3	1.7	2.4	4.5	6.0	5.8	5.1
Financial Activities	158.8	158.6	158.3	158.1	157.6	157.2	156.8	156.5
% Ch, Annual Rate	-0.3	-0.5	-0.7	-0.7	-1.3	-1.0	-1.0	-0.8
Professional and Business Services	487.0	490.9	494.9	498.7	504.1	507.8	510.4	513.0
% Ch, Annual Rate	3.5	3.3	3.3	3.1	4.4	3.0	2.1	2.0
Education and Health Services	526.5	527.6	528.8	530.0	530.9	532.1	532.9	533.9
% Ch, Annual Rate	1.1	0.9	0.9	0.9	0.7	0.9	0.6	0.7
Leisure and Hospitality	368.5	369.8	370.8	371.5	371.6	372.4	372.9	373.3
% Ch, Annual Rate	0.6	1.5	1.1	0.7	0.2	0.8	0.5	0.5
Other Services	132.0	132.4	132.8	133.2	133.6	134.0	134.4	134.7
% Ch, Annual Rate	1.4	1.3	1.3	1.2	1.1	1.1	1.1	1.1
Federal Government	78.1	78.2	78.3	78.4	78.5	78.6	78.7	78.7
% Ch, Annual Rate	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4
State and Local Government	539.5	542.0	544.4	546.7	548.9	551.0	552.8	554.6
% Ch, Annual Rate	2.0	1.9	1.7	1.7	1.7	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	18,686.1	19,526.4	20,363.4	21,232.9	22,188.9
% Ch	2.6	4.7	5.6	4.9	4.5	4.3	4.3	4.5
Total Wage and Salary Disbursements	8,083.5	8,462.1	8,888.5	9,370.0	9,821.1	10,272.9	10,753.0	11,281.3
% Ch	2.9	4.7	5.0	5.4	4.8	4.6	4.7	4.9
Nonwage Personal Income	8,037.7	8,416.7	8,930.7	9,316.1	9,705.3	10,090.6	10,479.9	10,907.5
% Ch	2.2	4.7	6.1	4.3	4.2	4.0	3.9	4.1
Supplements to Wages and Salaries	1,876.8	1,949.5	2,040.0	2,127.2	2,228.1	2,338.9	2,451.0	2,559.8
% Ch	1.9	3.9	4.6	4.3	4.7	5.0	4.8	4.4
Proprietor's Income	1,423.7	1,518.2	1,588.8	1,642.5	1,675.7	1,688.3	1,695.2	1,707.3
% Ch	0.1	6.6	4.6	3.4	2.0	0.7	0.4	0.7
Farm	35.6	38.1	27.2	21.4	34.0	64.3	66.5	56.0
% Ch	...	...	...	...	...	...	...	...
Nonfarm	1,388.1	1,480.1	1,561.6	1,621.1	1,641.8	1,624.0	1,628.6	1,651.3
% Ch	1.6	6.6	5.5	3.8	1.3	-1.1	0.3	1.4
Less: Contribution For Govt. Soc. Ins.	1,239.9	1,299.6	1,356.5	1,430.1	1,493.7	1,555.3	1,623.2	1,699.3
% Ch	2.9	4.8	4.4	5.4	4.4	4.1	4.4	4.7
Dividends/Int./Rent	3,202.8	3,400.4	3,686.9	3,804.8	3,962.2	4,125.6	4,298.2	4,497.9
% Ch	2.7	6.2	8.4	3.2	4.1	4.1	4.2	4.6
Transfer Payments	2,774.2	2,848.1	2,971.5	3,171.7	3,332.9	3,493.1	3,658.7	3,841.9
% Ch	3.4	2.7	4.3	6.7	5.1	4.8	4.7	5.0

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	18,352.6	18,596.8	18,801.4	18,993.7
% Ch, Annual Rate	7.4	4.3	4.7	3.5	6.1	5.4	4.5	4.2
Total Wage and Salary Disbursements	8,776.7	8,845.0	8,942.2	8,990.0	9,208.5	9,318.6	9,426.1	9,526.9
% Ch, Annual Rate	6.4	3.2	4.5	2.2	10.1	4.9	4.7	4.3
Nonwage Personal Income	8,763.7	8,879.9	8,986.3	9,092.8	9,144.1	9,278.3	9,375.2	9,466.8
% Ch, Annual Rate	8.4	5.4	4.9	4.8	2.3	6.0	4.2	4.0
Supplements to Wages and Salaries	2,009.4	2,031.1	2,052.0	2,067.4	2,094.9	2,116.6	2,138.4	2,159.1
% Ch, Annual Rate	4.8	4.4	4.2	3.0	5.4	4.2	4.2	3.9
Proprietor's Income	1,567.5	1,573.3	1,590.0	1,624.4	1,621.2	1,631.6	1,650.5	1,666.6
% Ch, Annual Rate	6.5	1.5	4.3	8.9	-0.8	2.6	4.7	4.0
Farm	28.1	27.5	17.4	35.9	24.8	18.3	20.5	21.8
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,539.4	1,545.8	1,572.6	1,588.4	1,596.3	1,613.3	1,630.0	1,644.8
% Ch, Annual Rate	7.7	1.7	7.1	4.1	2.0	4.3	4.2	3.7
Less: Contribution For Govt. Soc. Ins.	1,344.0	1,350.9	1,362.4	1,368.7	1,407.2	1,422.3	1,437.7	1,453.0
% Ch, Annual Rate	6.9	2.1	3.5	1.9	11.7	4.4	4.4	4.3
Dividends/Int./Rent	3,595.4	3,663.3	3,722.9	3,766.1	3,722.2	3,797.3	3,834.3	3,865.2
% Ch, Annual Rate	10.9	7.8	6.7	4.7	-4.6	8.3	4.0	3.3
Transfer Payments	2,935.4	2,963.1	2,983.8	3,003.7	3,113.1	3,155.1	3,189.7	3,228.8
% Ch, Annual Rate	8.1	3.8	2.8	2.7	15.4	5.5	4.5	5.0

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	19,216.4	19,432.4	19,629.1	19,827.7	20,054.0	20,261.5	20,463.1	20,675.2
% Ch, Annual Rate	4.8	4.6	4.1	4.1	4.6	4.2	4.0	4.2
Total Wage and Salary Disbursements	9,647.9	9,774.8	9,877.9	9,983.8	10,098.1	10,214.9	10,330.2	10,448.2
% Ch, Annual Rate	5.2	5.4	4.3	4.4	4.7	4.7	4.6	4.6
Nonwage Personal Income	9,568.5	9,657.7	9,751.2	9,843.9	9,955.9	10,046.5	10,132.8	10,227.0
% Ch, Annual Rate	4.4	3.8	3.9	3.9	4.6	3.7	3.5	3.8
Supplements to Wages and Salaries	2,187.6	2,216.1	2,241.5	2,267.3	2,297.9	2,325.4	2,352.4	2,380.0
% Ch, Annual Rate	5.4	5.3	4.6	4.7	5.5	4.9	4.7	4.8
Proprietor's Income	1,668.7	1,672.2	1,679.3	1,682.8	1,686.6	1,687.9	1,687.3	1,691.3
% Ch, Annual Rate	0.5	0.9	1.7	0.8	0.9	0.3	-0.1	0.9
Farm	24.9	29.4	36.8	44.8	54.4	63.0	68.6	71.2
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,643.8	1,642.8	1,642.5	1,638.0	1,632.1	1,625.0	1,618.7	1,620.1
% Ch, Annual Rate	-0.2	-0.2	-0.1	-1.1	-1.4	-1.7	-1.5	0.3
Less: Contribution For Govt. Soc. Ins.	1,473.4	1,488.2	1,500.3	1,512.9	1,533.6	1,548.1	1,562.4	1,577.2
% Ch, Annual Rate	5.7	4.1	3.3	3.4	5.6	3.8	3.7	3.8
Dividends/Int./Rent	3,903.8	3,941.7	3,981.1	4,022.2	4,065.7	4,106.6	4,144.5	4,185.4
% Ch, Annual Rate	4.1	3.9	4.1	4.2	4.4	4.1	3.7	4.0
Transfer Payments	3,281.8	3,315.8	3,349.5	3,384.5	3,439.4	3,474.7	3,510.9	3,547.5
% Ch, Annual Rate	6.7	4.2	4.1	4.2	6.7	4.2	4.2	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	20,904.8	21,119.2	21,342.3	21,565.2	21,830.9	22,072.3	22,306.7	22,545.7
% Ch, Annual Rate	4.5	4.2	4.3	4.2	5.0	4.5	4.3	4.4
Total Wage and Salary Disbursements	10,568.7	10,689.6	10,813.9	10,939.8	11,079.9	11,217.3	11,347.9	11,480.3
% Ch, Annual Rate	4.7	4.7	4.7	4.7	5.2	5.1	4.7	4.7
Nonwage Personal Income	10,336.1	10,429.7	10,528.5	10,625.4	10,751.0	10,855.0	10,958.8	11,065.4
% Ch, Annual Rate	4.3	3.7	3.8	3.7	4.8	3.9	3.9	3.9
Supplements to Wages and Salaries	2,410.9	2,437.9	2,464.6	2,490.7	2,520.8	2,547.3	2,573.0	2,598.2
% Ch, Annual Rate	5.3	4.6	4.4	4.3	4.9	4.3	4.1	4.0
Proprietor's Income	1,691.4	1,694.2	1,696.9	1,698.3	1,700.5	1,704.5	1,709.0	1,715.2
% Ch, Annual Rate	0.0	0.7	0.6	0.3	0.5	0.9	1.1	1.5
Farm	70.9	68.6	65.2	61.6	58.6	56.4	54.9	54.2
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	1,620.4	1,625.6	1,631.7	1,636.7	1,641.9	1,648.1	1,654.1	1,661.0
% Ch, Annual Rate	0.1	1.3	1.5	1.2	1.3	1.5	1.5	1.7
Less: Contribution For Govt. Soc. Ins.	1,599.6	1,615.1	1,631.0	1,647.1	1,673.1	1,691.0	1,708.0	1,725.1
% Ch, Annual Rate	5.8	3.9	4.0	4.0	6.4	4.4	4.1	4.1
Dividends/Int./Rent	4,227.4	4,271.5	4,321.8	4,372.1	4,422.6	4,473.4	4,522.4	4,573.1
% Ch, Annual Rate	4.1	4.2	4.8	4.7	4.7	4.7	4.5	4.6
Transfer Payments	3,606.1	3,641.1	3,676.2	3,711.6	3,780.1	3,820.9	3,862.4	3,904.0
% Ch, Annual Rate	6.8	3.9	3.9	3.9	7.6	4.4	4.4	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	485.040	508.941	533.263	558.782	587.528
% Ch	5.1	6.1	7.0	5.7	4.9	4.8	4.8	5.1
Total Wage and Salary Disbursements	203.300	218.077	237.242	252.515	265.949	279.350	293.506	309.734
% Ch	6.1	7.3	8.8	6.4	5.3	5.0	5.1	5.5
Manufacturing	21.729	21.691	22.816	23.892	24.506	25.279	26.410	27.809
% Ch	-0.3	-0.2	5.2	4.7	2.6	3.2	4.5	5.3
Durable Manufacturing	17.316	17.080	17.955	18.772	19.223	19.852	20.765	21.905
% Ch	-1.6	-1.4	5.1	4.5	2.4	3.3	4.6	5.5
Nondurable Manufacturing	4.413	4.611	4.860	5.120	5.283	5.427	5.645	5.903
% Ch	4.8	4.5	5.4	5.3	3.2	2.7	4.0	4.6
Nonmanufacturing	174.575	189.496	207.216	221.169	233.661	245.956	258.639	273.102
% Ch	7.1	8.5	9.4	6.7	5.6	5.3	5.2	5.6
Other Private Wages	1.193	1.232	1.368	1.340	1.408	1.475	1.545	1.623
% Ch	4.1	3.3	11.0	-2.1	5.1	4.8	4.7	5.0
Farm Wages	1.700	1.467	1.518	1.632	1.748	1.866	1.989	2.126
% Ch	11.5	-13.7	3.5	7.5	7.1	6.7	6.6	6.9
Military Wages	4.103	4.190	4.324	4.482	4.626	4.773	4.922	5.074
% Ch	0.1	2.1	3.2	3.7	3.2	3.2	3.1	3.1
Nonwage Personal Income	200.932	210.688	221.529	232.525	242.992	253.913	265.276	277.794
% Ch	4.1	4.9	5.1	5.0	4.5	4.5	4.5	4.7
Supplements to Wages and Salaries	46.393	48.687	51.588	54.050	56.862	59.822	62.844	65.962
% Ch	5.6	4.9	6.0	4.8	5.2	5.2	5.1	5.0
Proprietor's Income	32.419	35.590	37.368	38.591	38.655	38.693	38.826	39.150
% Ch	-0.2	9.8	5.0	3.3	0.2	0.1	0.3	0.8
Farm	2.016	1.922	1.699	1.532	1.110	1.557	1.591	1.414
% Ch	...	...	...	...	...	...	...	...
Nonfarm	30.403	33.667	35.668	37.059	37.545	37.136	37.234	37.737
% Ch	3.1	10.7	5.9	3.9	1.3	-1.1	0.3	1.4
Less: Contribution For Govt. Soc. Ins.	33.509	36.007	39.030	41.256	43.237	45.091	47.113	49.485
% Ch	4.4	7.5	8.4	5.7	4.8	4.3	4.5	5.0
Plus: Residence Adjustment	4.190	4.301	4.414	4.622	4.886	5.150	5.431	5.740
% Ch	7.8	2.7	2.6	4.7	5.7	5.4	5.5	5.7
Dividends/Int./Rent	91.551	96.125	101.998	105.943	111.149	116.532	122.198	128.625
% Ch	3.8	5.0	6.1	3.9	4.9	4.8	4.9	5.3
Transfer Payments	59.888	61.992	65.190	70.575	74.678	78.808	83.092	87.801
% Ch	5.8	3.5	5.2	8.3	5.8	5.5	5.4	5.7
State U.I. Benefits	0.982	0.975	0.925	0.915	0.910	1.005	1.199	1.415
% Ch	1.2	-0.7	-5.2	-1.0	-0.6	10.5	19.3	18.0
Other Transfers	58.906	61.016	64.265	69.660	73.768	77.802	81.893	86.386
% Ch	5.9	3.6	5.3	8.4	5.9	5.5	5.3	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	450.638	454.871	461.432	468.143	475.359	482.362	488.679	493.759
% Ch, Annual Rate	11.4	3.8	5.9	5.9	6.3	6.0	5.3	4.2
Total Wage and Salary Disbursements	233.299	234.957	239.122	241.592	247.612	250.768	254.388	257.292
% Ch, Annual Rate	18.7	2.9	7.3	4.2	10.3	5.2	5.9	4.6
Manufacturing	23.153	22.311	22.502	23.296	24.158	23.493	23.864	24.053
% Ch, Annual Rate	26.5	-13.8	3.5	14.9	15.6	-10.6	6.5	3.2
Durable Manufacturing	18.354	17.507	17.632	18.329	19.128	18.408	18.700	18.851
% Ch, Annual Rate	30.5	-17.2	2.9	16.8	18.6	-14.2	6.5	3.3
Nondurable Manufacturing	4.800	4.804	4.870	4.968	5.030	5.085	5.164	5.201
% Ch, Annual Rate	12.5	0.4	5.6	8.3	5.1	4.5	6.3	2.9
Nonmanufacturing	203.057	205.468	209.330	211.009	216.112	219.859	223.025	225.680
% Ch, Annual Rate	18.3	4.8	7.7	3.2	10.0	7.1	5.9	4.8
Other Private Wages	1.341	1.404	1.382	1.347	1.317	1.330	1.349	1.363
% Ch, Annual Rate	18.2	20.1	-6.1	-9.7	-8.8	4.3	5.7	4.3
Farm Wages	1.487	1.497	1.528	1.561	1.592	1.616	1.647	1.672
% Ch, Annual Rate	3.4	3.0	8.5	8.8	8.2	6.2	8.0	6.2
Military Wages	4.261	4.277	4.380	4.378	4.434	4.469	4.502	4.524
% Ch, Annual Rate	3.4	1.5	10.0	-0.1	5.2	3.2	3.0	2.0
Nonwage Personal Income	217.339	219.914	222.310	226.551	227.747	231.594	234.291	236.467
% Ch, Annual Rate	4.1	4.8	4.4	7.9	2.1	6.9	4.7	3.8
Supplements to Wages and Salaries	50.838	51.206	51.922	52.387	53.027	53.720	54.443	55.010
% Ch, Annual Rate	10.7	2.9	5.7	3.6	5.0	5.3	5.5	4.2
Proprietor's Income	36.653	37.210	37.523	38.085	38.246	38.467	38.849	38.803
% Ch, Annual Rate	4.7	6.2	3.4	6.1	1.7	2.3	4.0	-0.5
Farm	1.687	1.780	1.630	1.701	1.837	1.599	1.526	1.167
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	34.967	35.430	35.893	36.384	36.409	36.868	37.323	37.636
% Ch, Annual Rate	6.3	5.4	5.3	5.6	0.3	5.1	5.0	3.4
Less: Contribution For Govt. Soc. Ins.	38.399	38.673	39.368	39.679	40.454	40.996	41.566	42.008
% Ch, Annual Rate	17.1	2.9	7.4	3.2	8.0	5.5	5.7	4.3
Plus: Residence Adjustment	4.365	4.394	4.404	4.493	4.527	4.592	4.654	4.713
% Ch, Annual Rate	-1.9	2.7	0.9	8.4	3.0	5.8	5.6	5.2
Dividends/Int./Rent	99.822	101.074	102.472	104.627	103.337	105.631	106.868	107.935
% Ch, Annual Rate	4.7	5.1	5.6	8.7	-4.8	9.2	4.8	4.1
Transfer Payments	64.061	64.705	65.356	66.638	69.064	70.181	71.042	72.014
% Ch, Annual Rate	5.5	4.1	4.1	8.1	15.4	6.6	5.0	5.6
State U.I. Benefits	0.984	0.914	0.902	0.898	0.936	0.931	0.931	0.864
% Ch, Annual Rate	5.1	-25.6	-5.1	-1.8	17.6	-1.9	0.0	-25.8
Other Transfers	63.077	63.790	64.454	65.739	68.129	69.250	70.111	71.150
% Ch, Annual Rate	5.5	4.6	4.2	8.2	15.3	6.7	5.1	6.1

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	499.824	506.242	511.924	517.773	524.348	530.280	536.138	542.285
% Ch, Annual Rate	5.0	5.2	4.6	4.6	5.2	4.6	4.5	4.7
Total Wage and Salary Disbursements	260.680	264.599	267.655	270.861	274.340	277.661	280.995	284.403
% Ch, Annual Rate	5.4	6.2	4.7	4.9	5.2	4.9	4.9	4.9
Manufacturing	24.302	24.442	24.554	24.725	24.904	25.146	25.403	25.662
% Ch, Annual Rate	4.2	2.3	1.8	2.8	2.9	3.9	4.1	4.1
Durable Manufacturing	19.049	19.170	19.264	19.408	19.551	19.748	19.951	20.159
% Ch, Annual Rate	4.3	2.6	2.0	3.0	3.0	4.1	4.2	4.2
Nondurable Manufacturing	5.253	5.273	5.290	5.317	5.354	5.398	5.452	5.503
% Ch, Annual Rate	4.0	1.5	1.3	2.1	2.8	3.4	4.0	3.8
Nonmanufacturing	228.716	232.409	235.276	238.243	241.439	244.439	247.435	250.513
% Ch, Annual Rate	5.5	6.6	5.0	5.1	5.5	5.1	5.0	5.1
Other Private Wages	1.381	1.401	1.416	1.433	1.450	1.467	1.484	1.501
% Ch, Annual Rate	5.2	6.1	4.4	4.6	5.0	4.7	4.6	4.7
Farm Wages	1.702	1.736	1.763	1.791	1.822	1.851	1.880	1.910
% Ch, Annual Rate	7.2	8.3	6.3	6.5	7.0	6.6	6.5	6.5
Military Wages	4.579	4.610	4.646	4.669	4.725	4.758	4.794	4.817
% Ch, Annual Rate	4.9	2.7	3.2	2.0	4.8	2.8	3.1	2.0
Nonwage Personal Income	239.144	241.643	244.269	246.913	250.008	252.618	255.142	257.882
% Ch, Annual Rate	4.6	4.2	4.4	4.4	5.1	4.2	4.1	4.4
Supplements to Wages and Salaries	55.765	56.554	57.219	57.910	58.754	59.465	60.173	60.895
% Ch, Annual Rate	5.6	5.8	4.8	4.9	6.0	4.9	4.9	4.9
Proprietor's Income	38.632	38.605	38.683	38.699	38.720	38.692	38.643	38.717
% Ch, Annual Rate	-1.8	-0.3	0.8	0.2	0.2	-0.3	-0.5	0.8
Farm	1.042	1.035	1.122	1.239	1.394	1.534	1.628	1.671
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	37.591	37.570	37.560	37.460	37.326	37.158	37.015	37.045
% Ch, Annual Rate	-0.5	-0.2	-0.1	-1.1	-1.4	-1.8	-1.5	0.3
Less: Contribution For Govt. Soc. Ins.	42.598	43.082	43.441	43.827	44.465	44.878	45.295	45.725
% Ch, Annual Rate	5.7	4.6	3.4	3.6	5.9	3.8	3.8	3.9
Plus: Residence Adjustment	4.784	4.858	4.919	4.981	5.048	5.116	5.183	5.252
% Ch, Annual Rate	6.2	6.3	5.1	5.1	5.5	5.5	5.4	5.4
Dividends/Int./Rent	109.215	110.476	111.778	113.128	114.547	115.897	117.165	118.517
% Ch, Annual Rate	4.8	4.7	4.8	4.9	5.1	4.8	4.4	4.7
Transfer Payments	73.346	74.232	75.111	76.022	77.404	78.327	79.273	80.227
% Ch, Annual Rate	7.6	4.9	4.8	4.9	7.5	4.9	4.9	4.9
State U.I. Benefits	0.896	0.894	0.916	0.931	0.948	0.980	1.022	1.071
% Ch, Annual Rate	15.7	-0.8	10.1	6.9	7.4	13.8	18.5	20.7
Other Transfers	72.450	73.337	74.195	75.090	76.455	77.348	78.251	79.156
% Ch, Annual Rate	7.5	5.0	4.8	4.9	7.5	4.8	4.8	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	548.988	555.353	562.023	568.766	576.633	583.951	591.132	598.397
% Ch, Annual Rate	5.0	4.7	4.9	4.9	5.6	5.2	5.0	5.0
Total Wage and Salary Disbursements	287.995	291.580	295.306	299.142	303.442	307.693	311.827	315.975
% Ch, Annual Rate	5.1	5.1	5.2	5.3	5.9	5.7	5.5	5.4
Manufacturing	25.950	26.240	26.557	26.895	27.264	27.636	27.992	28.343
% Ch, Annual Rate	4.6	4.6	4.9	5.2	5.6	5.6	5.2	5.1
Durable Manufacturing	20.392	20.626	20.883	21.160	21.458	21.761	22.055	22.347
% Ch, Annual Rate	4.7	4.7	5.1	5.4	5.8	5.8	5.5	5.4
Nondurable Manufacturing	5.557	5.614	5.674	5.736	5.806	5.875	5.937	5.996
% Ch, Annual Rate	4.0	4.2	4.3	4.4	5.0	4.8	4.3	4.1
Nonmanufacturing	253.713	256.925	260.248	263.670	267.488	271.277	274.963	278.680
% Ch, Annual Rate	5.2	5.2	5.3	5.4	5.9	5.8	5.5	5.5
Other Private Wages	1.519	1.536	1.554	1.572	1.593	1.614	1.633	1.653
% Ch, Annual Rate	4.8	4.7	4.8	4.8	5.4	5.2	4.9	4.9
Farm Wages	1.942	1.973	2.004	2.037	2.073	2.109	2.144	2.178
% Ch, Annual Rate	6.7	6.5	6.6	6.6	7.3	7.1	6.7	6.6
Military Wages	4.873	4.906	4.943	4.967	5.023	5.058	5.095	5.120
% Ch, Annual Rate	4.7	2.8	3.0	1.9	4.6	2.8	3.0	2.0
Nonwage Personal Income	260.992	263.774	266.716	269.624	273.190	276.258	279.305	282.422
% Ch, Annual Rate	4.9	4.3	4.5	4.4	5.4	4.6	4.5	4.5
Supplements to Wages and Salaries	61.747	62.477	63.210	63.942	64.825	65.592	66.346	67.086
% Ch, Annual Rate	5.7	4.8	4.8	4.7	5.6	4.8	4.7	4.5
Proprietor's Income	38.718	38.794	38.870	38.920	38.984	39.083	39.195	39.340
% Ch, Annual Rate	0.0	0.8	0.8	0.5	0.7	1.0	1.1	1.5
Farm	1.666	1.626	1.568	1.507	1.457	1.420	1.394	1.383
% Ch, Annual Rate	...	...	...	...	...	...	...	...
Nonfarm	37.053	37.169	37.302	37.413	37.527	37.663	37.801	37.957
% Ch, Annual Rate	0.1	1.3	1.4	1.2	1.2	1.5	1.5	1.7
Less: Contribution For Govt. Soc. Ins.	46.399	46.862	47.346	47.846	48.649	49.218	49.763	50.309
% Ch, Annual Rate	6.0	4.0	4.2	4.3	6.9	4.8	4.5	4.5
Plus: Residence Adjustment	5.323	5.394	5.466	5.540	5.622	5.702	5.779	5.856
% Ch, Annual Rate	5.5	5.4	5.5	5.5	6.1	5.8	5.5	5.5
Dividends/Int./Rent	119.900	121.345	122.965	124.581	126.205	127.836	129.416	131.043
% Ch, Annual Rate	4.7	4.9	5.4	5.4	5.3	5.3	5.0	5.1
Transfer Payments	81.704	82.625	83.552	84.487	86.203	87.261	88.332	89.407
% Ch, Annual Rate	7.6	4.6	4.6	4.6	8.4	5.0	5.0	5.0
State U.I. Benefits	1.125	1.171	1.222	1.279	1.331	1.382	1.441	1.504
% Ch, Annual Rate	21.6	17.2	18.7	19.9	17.5	16.1	18.2	18.7
Other Transfers	80.579	81.455	82.329	83.208	84.871	85.879	86.891	87.902
% Ch, Annual Rate	7.4	4.4	4.4	4.3	8.2	4.8	4.8	4.7